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1.6 etree 1.1.0

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1.7 go-msgpack 0.5.5

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1.8 go-grpc-prometheus 1.2.0

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1.9 go-grpc-prometheus 1.2.1- 0.20191002090509-6af20e3a5340

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1.11 gods 1.12.0

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Source: <https://github.com/emirpasic/gods>

Upstream-Name: gods

Files-Excluded:

Godeps/_workspace

Files:

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1.12 go-runewidth 0.0.9

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1.16 go-msgpack v0.5.5

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1.19 go-homedir v1.1.0

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1.20 githubcommodernngoconcurrent v0.0.0-20180306012644-bacd9c7ef1dd

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1.23 gopkg-in-square-go-jose-v2 v2.5.1

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1.25 queue v1.1.0

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1.28 gomemcache v0.0.0-20190913173617-a41fca850d0b

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1.41 kubernetes v2.4.0+incompatible

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Data model artifacts for Prometheus.

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1.43 bridgeutils 1.7.1

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1.44 tablewriter 0.0.5

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1.45 glob v0.2.3

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1.46 go-grpc-prometheus v1.2.1-0.20191002090509-6af20e3a5340

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1.69 pax-utils 1.3.3-r0

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```

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```

```
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1.77 mergo 0.3.12

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```
import: ../../../../fossene/db/schema/thing.yml
```

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site: string

author: root

1.78 xxhash v2.1.2

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1.79 musl 1.2.2-r7

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```
import: ../../../../fossene/db/schema/thing.yml
```

```
fields:
```

```
  site: string
```

```
  author: root
```

1.83 github.com/bits-and-blooms/bitset v1.2.0

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1.88 go-difflib 1.0.0

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1.91 gogo-googleapis 1.4.1

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1.92 go-hclog 0.16.1

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1.94 josharian-intern 1.0.0

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1.97 go-openapi-jsonpointer 0.19.5

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1.98 golang-mock 1.6.0

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#
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```

first address should be used in the submit logs and
that the second address should be recognized as the
same person when interacting with Rietveld.

Please keep the list sorted.

Aaron Jacobs <jacobsa@google.com> <aaronjjacobs@gmail.com>

Alex Reece <awreece@gmail.com>

David Symonds <dsymonds@golang.org>

Ryan Barrett <ryanb@google.com>

package empty_interface

```
//go:generate mockgen -package empty_interface -destination mock.go -source input.go -  
copyright_file=mock_copyright_header
```

```
type Empty interface{ }
```

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//
// Code generated by MockGen. DO NOT EDIT.
// Source: input.go
```

```

// Package empty_interface is a generated GoMock package.
package empty_interface

import (
    gomock "github.com/golang/mock/gomock"
)

// MockEmpty is a mock of Empty interface.
type MockEmpty struct {
    ctrl    *gomock.Controller
    recorder *MockEmptyMockRecorder
}

// MockEmptyMockRecorder is the mock recorder for MockEmpty.
type MockEmptyMockRecorder struct {
    mock *MockEmpty
}

// NewMockEmpty creates a new mock instance.
func NewMockEmpty(ctrl *gomock.Controller) *MockEmpty {
    mock := &MockEmpty{ctrl: ctrl}
    mock.recorder = &MockEmptyMockRecorder{mock}
    return mock
}

// EXPECT returns an object that allows the caller to indicate expected use.
func (m *MockEmpty) EXPECT() *MockEmptyMockRecorder
{
    return m.recorder
}

```

1.99 grpc-ecosystem-go-grpc-middleware

1.3.0

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1.101 sean-seed 0.0.0-20170313163322- e2103e2c3529

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1.102 andybalholm-brotli 1.0.3

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1.104 bits-and-blooms-bitset 1.2.0

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1.105 oklog-ulid 1.3.1

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1.106 go-testing-interface 1.14.0

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1.108 urfave-cli 2.3.0

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1.109 golang-sql-civil 0.0.0-20190719163853-cb61b32ac6fe

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1.115 golcs 0.0.0-20170316035057- ecda9a501e82

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1.116 xorm.io-core 0.7.3

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1.117 gojsondiff 1.0.0

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cli.go - <https://github.com/urfave/cli>

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ginkgo - <https://github.com/onsi/ginkgo>

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gomega - <https://github.com/onsi/gomega>

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1.118 xorm.io-builder 0.3.6

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1.119 gopkg-in/mail 2.3.1

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1.120 vividcortex-mysqlerr 0.0.0-20170204212430-6c6b55f8796f

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1.121 cheekybits-genny 1.0.0

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1.122 shortid 0.0.0-20171029131806-771a37caa5cf

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1.123 go-testing-interface 1.14.1

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1.124 gcfg 1.5.0

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1.125 kevinburke-ssh_config 0.0.0-20201106050909-4977a11b4351

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1.126 jbenet-go-context 0.0.0-20150711004518-d14ea06fba99

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1.127 sergi-go-diff 1.1.0

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1.128 xanzy-ssh-agent 0.3.0

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1.130 segment 0.9.0

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1.132 github.com/mpvl/unique v0.0.0-20150818121801-cbe035fff7de

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1.137 go-flags 1.5.0

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1.138 jpillora-backoff 1.0.0

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1.139 golang-snappy 0.0.4

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1.140 linkedin-goavro 2.10.0

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1.141 influxdata-line-protocol 0.0.0- 20210311194329-9aa0e372d097

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1.142 felixge-httpsnoop 1.0.2

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1.143 sqlhooks 1.3.0

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1.144 prometheus-node-exporter 1.0.0-rc.0.0.20200428091818-01054558c289

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update-license

This is a small tool that updates the license header for Uber's open source Golang files.

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...

```
go get go.uber.org/tools/update-license
```

...

Usage

...

```
update-license go_files...
```

...

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* github.com/BurntSushi/toml - <https://github.com/BurntSushi/toml>

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* [golang.org/x/mod/module](https://github.com/golang/mod) - <https://github.com/golang/mod>

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* golang.org/x/tools/go/analysis - <https://github.com/golang/tools>

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procfs provides functions to retrieve system, kernel and process
metrics from the pseudo-filesystem proc.

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```
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```

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"Apache-2.0": `// Copyright {{.Year}} {{.Owner}}`
```

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Support for streaming Protocol Buffer messages for the Go language (golang).

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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1.148 mattetti-filebuffer 1.0.1

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1.149 sercand-kuberresolver

2.4.0+incompatible

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1.150 fzambia-sentinel 1.1.0

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1.151 gopkg-in/ldap 3.1.0

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1.152 collector-model 0.31.0

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1.153 mpvl-unique 0.0.0-20150818121801-cbe035fff7de

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1.154 go-sourcemap-sourcemap

2.1.3+incompatible

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1.155 dennwc-varint 1.0.0

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1.156 golang-migrate-migrate 4.7.0

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1.157 githubcommatngoisatty v0.0.14

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1.159 pkg-browser 0.0.0-20210911075715-681adbf594b8

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1.160 pierrec-lz4 4.1.8

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1.162 stack 1.8.1

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1.163 cockroachdb-apd 2.0.2

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1.164 dgryski-go-metro 0.0.0- 20180109044635-280f6062b5bc

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1.165 json-iterator-go 1.1.12

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1.166 modern-go-reflect2 1.0.2

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1.174 dlclark-regexp2 1.4.1- 0.20201116162257-a2a8dda75c91

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1.177 m3db-

prometheus_remote_client_golang 0.4.4

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1.179 goleak 1.1.12

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1.180 go-shortid v0.0.0-20171029131806-771a37caa5cf

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1.181 color v1.13.0

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1.182 pq v1.10.4

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```
//go:build go1.10
// +build go1.10
```

```
package pq
```

```
import (
    "context"
    "database/sql/driver"
)
```

```
// NoticeHandler returns the notice handler on the given connection, if any. A
// runtime panic occurs if c is not a pq connection. This is rarely used
// directly, use ConnectorNoticeHandler and ConnectorWithNoticeHandler instead.
func NoticeHandler(c driver.Conn) func(*Error) {
    return c.(*conn).noticeHandler
}
```

```
// SetNoticeHandler sets the given notice handler on the given connection. A
```

```

// runtime panic occurs if c is not a pq connection. A nil handler may be used
// to unset it. This is rarely used directly, use ConnectorNoticeHandler and
// ConnectorWithNoticeHandler instead.
//
// Note: Notice handlers are executed synchronously by pq meaning commands
// won't continue to be processed until the handler returns.
func SetNoticeHandler(c driver.Conn, handler func(*Error)) {
    c.(*conn).noticeHandler = handler
}

// NoticeHandlerConnector wraps a regular connector and sets a notice handler
//
// on it.
type NoticeHandlerConnector struct {
    driver.Connector
    noticeHandler func(*Error)
}

// Connect calls the underlying connector's connect method and then sets the
// notice handler.
func (n *NoticeHandlerConnector) Connect(ctx context.Context) (driver.Conn, error) {
    c, err := n.Connector.Connect(ctx)
    if err == nil {
        SetNoticeHandler(c, n.noticeHandler)
    }
    return c, err
}

// ConnectorNoticeHandler returns the currently set notice handler, if any. If
// the given connector is not a result of ConnectorWithNoticeHandler, nil is
// returned.
func ConnectorNoticeHandler(c driver.Connector) func(*Error) {
    if c, ok := c.(*NoticeHandlerConnector); ok {
        return c.noticeHandler
    }
    return nil
}

// ConnectorWithNoticeHandler creates or sets the given handler for the given
// connector. If the given connector is a result of calling this function
// previously, it is simply set on the given connector and returned. Otherwise,
// this returns a new connector wrapping the given one and
// setting the notice
// handler. A nil notice handler may be used to unset it.
//
// The returned connector is intended to be used with database/sql.OpenDB.
//
// Note: Notice handlers are executed synchronously by pq meaning commands

```

```
// won't continue to be processed until the handler returns.
func ConnectorWithNoticeHandler(c driver.Connector, handler func(*Error)) *NoticeHandlerConnector {
    if c, ok := c.(*NoticeHandlerConnector); ok {
        c.noticeHandler = handler
        return c
    }
    return &NoticeHandlerConnector{Connector: c, noticeHandler: handler}
}
```

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1.183 alpine-keys 2.4-r1

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1.184 alpine-baselayout 3.2.0-r18

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Version 2, June 1991

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1.185 github.com/caio/go-tdigest v3.1.0+incompatible

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1.186 go-autorest v0.2.1

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1.187 github.com/dennwc/varint v1.0.0

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1.188 logfmt v0.5.1

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1.189 githubcommiekgdns v1.1.43

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1.190 github.com/prometheus/common/sigv4 v0.1.0

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1.191 golang-mock v1.6.0

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same person when interacting with Rietveld.

Please keep the list sorted.

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package empty_interface

```
//go:generate mockgen -package empty_interface -destination mock.go -source input.go -  
copyright_file=mock_copyright_header
```

```
type Empty interface{ }
```

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//
// Code generated by MockGen. DO NOT EDIT.
// Source: input.go
// Package empty_interface is a generated GoMock package.
```

```

package empty_interface

import (
    gomock "github.com/golang/mock/gomock"
)

// MockEmpty is a mock of Empty interface.
type MockEmpty struct {
    ctrl    *gomock.Controller
    recorder *MockEmptyMockRecorder
}

// MockEmptyMockRecorder is the mock recorder for MockEmpty.
type MockEmptyMockRecorder struct {
    mock *MockEmpty
}

// NewMockEmpty creates a new mock instance.
func NewMockEmpty(ctrl *gomock.Controller) *MockEmpty {
    mock := &MockEmpty{ctrl: ctrl}
    mock.recorder = &MockEmptyMockRecorder{mock}
    return mock
}

// EXPECT returns an object that allows the caller to indicate expected use.
func (m *MockEmpty) EXPECT() *MockEmptyMockRecorder
{
    return m.recorder
}

```

1.192 ssh-agent v0.3.0

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1.193 github.com/golang-jwt/jwt v3.2.2+incompatible

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1.194 github.com/mailru/easyjson v0.7.7

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1.195 bitly-go-simplejson v0.5.0

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1.196 github.com/yudai/golcs v0.0.0-

20170316035057-ecda9a501e82

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1.197 gojsondiff v1.0.0

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cli.go - <https://github.com/codegangsta/cli>

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1.198 github.com/go-git/go-billy/v5 v5.3.1

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1.199 ssh_config v0.0.0-20201106050909-4977a11b4351

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1.200 emirpasic/gods v1.12.0

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1.201 github.com/protonmail/go-crypto v0.0.0-20210428141323-04723f9f07d7

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1.202 github.com/mattn/gocolorable v0.1.12

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1.203 hashicorp-go-plugin 1.4.3

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1.205 russellhaering-goxmlds sig 1.1.1

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1.207 prometheus-exporter-toolkit 0.7.1

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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package spec

// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
    Name string `json:"name,omitempty"`
    URL  string `json:"url,omitempty"`
}
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Support for streaming Protocol Buffer messages for the Go language (golang).

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Extensions for Protocol Buffers to create more go like structures.

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For the aclocal/ax_boost_base.m4 and contrib/fb303/aclocal/ax_boost_base.m4 components:

```
# Copyright (c) 2007 Thomas Porschberg <thomas@randspringer.de>
#
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# modification, are permitted in any medium without royalty provided
# the copyright notice and this notice are preserved.
```

For the lib/nodejs/lib/thrift/json_parse.js:

```
/*
  json_parse.js
  2015-05-02
  Public Domain.
  NO WARRANTY EXPRESSED OR IMPLIED. USE AT YOUR OWN RISK.
*/
(By Douglas Crockford <douglas@crockford.com>)
```

For lib/cpp/src/thrift/windows/SocketPair.cpp

```
/* socketpair.c
 * Copyright 2007 by Nathan C. Myers <ncm@cantrip.org>; some rights reserved.
 * This code is Free Software. It may be copied freely, in original or
 * modified form, subject only to the restrictions that (1) the author is
 * relieved from all responsibilities for any use for any purpose, and (2)
 * this copyright notice must
 * be retained, unchanged, in its entirety. If
 * for any reason the author might be held responsible for any consequences
 * of copying or use, license is withheld.
*/
```

For lib/py/compat/win32/stdint.h

```
// ISO C9x compliant stdint.h for Microsoft Visual Studio
// Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124
//
// Copyright (c) 2006-2008 Alexander Chemeris
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//
//////////////////////////////////////////////////////////////////
```

Codegen template
in t_html_generator.h

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- *
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- *
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For t_cl_generator.cc

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1.212 grafana-dskit 0.0.0-20211011144203-3a88ec0b675f

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1.213 grafana-grafana-google-sdk-go 0.0.0-20211104130251-b190293eaf58

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1.214 mna-redisc 1.3.2

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1.215 cortexproject-cortex 1.10.1-0.20211014125347-85c378182d0d

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*/

package minio

import (

"bytes"

"context"

"encoding/xml"

"fmt"

"net/http"

"net/url"

"github.com/minio/minio-go/v7/pkg/s3utils"

)

// objectLegalHold - object legal hold specified in

// <https://docs.aws.amazon.com/AmazonS3/latest/API/archive-RESTObjectPUTLegalHold.html>

```

type objectLegalHold struct {
    XMLNS string `xml:"xmlns,attr,omitempty"`
    XMLName
    xml.Name `xml:"LegalHold"`
    Status LegalHoldStatus `xml:"Status,omitempty"`
}

// PutObjectLegalHoldOptions represents options specified by user for PutObjectLegalHold call
type PutObjectLegalHoldOptions struct {
    VersionID string
    Status *LegalHoldStatus
}

// GetObjectLegalHoldOptions represents options specified by user for GetObjectLegalHold call
type GetObjectLegalHoldOptions struct {
    VersionID string
}

// LegalHoldStatus - object legal hold status.
type LegalHoldStatus string

const (
    // LegalHoldEnabled indicates legal hold is enabled
    LegalHoldEnabled LegalHoldStatus = "ON"

    // LegalHoldDisabled indicates legal hold is disabled
    LegalHoldDisabled LegalHoldStatus = "OFF"
)

func (r LegalHoldStatus) String() string {
    return string(r)
}

// IsValid - check whether this legal hold status is valid or not.
func (r LegalHoldStatus) IsValid() bool {
    return r == LegalHoldEnabled || r == LegalHoldDisabled
}

func newObjectLegalHold(status *LegalHoldStatus)
(*objectLegalHold, error) {
    if status == nil {
        return nil, fmt.Errorf("Status not set")
    }
    if !status.IsValid() {
        return nil, fmt.Errorf("invalid legal hold status `%v`", status)
    }
    legalHold := &objectLegalHold{
        Status: *status,

```

```

}
return legalHold, nil
}

// PutObjectLegalHold : sets object legal hold for a given object and versionID.
func (c Client) PutObjectLegalHold(ctx context.Context, bucketName, objectName string, opts
PutObjectLegalHoldOptions) error {
// Input validation.
if err := s3utils.CheckValidBucketName(bucketName); err != nil {
return err
}

if err := s3utils.CheckValidObjectName(objectName); err != nil {
return err
}

// Get resources properly escaped and lined up before
// using them in http request.
urlValues := make(url.Values)
urlValues.Set("legal-hold", "")

if opts.VersionID != "" {
urlValues.Set("versionId", opts.VersionID)
}

lh, err := newObjectLegalHold(opts.Status)
if err != nil {
return err
}

lhData, err := xml.Marshal(lh)
if
err != nil {
return err
}

reqMetadata := requestMetadata{
bucketName: bucketName,
objectName: objectName,
queryValues: urlValues,
contentBody: bytes.NewReader(lhData),
contentLength: int64(len(lhData)),
contentMD5Base64: sumMD5Base64(lhData),
contentSHA256Hex: sum256Hex(lhData),
}

// Execute PUT Object Legal Hold.
resp, err := c.executeMethod(ctx, http.MethodPut, reqMetadata)

```

```

defer closeResponse(resp)
if err != nil {
    return err
}
if resp != nil {
    if resp.StatusCode != http.StatusOK && resp.StatusCode != http.StatusNoContent {
        return httpRespToErrorResponse(resp, bucketName, objectName)
    }
}
return nil
}

// GetObjectLegalHold gets legal-hold status of given object.
func (c Client) GetObjectLegalHold(ctx context.Context, bucketName, objectName string, opts
GetObjectLegalHoldOptions) (status *LegalHoldStatus, err error) {
    // Input validation.
    if err := s3utils.CheckValidBucketName(bucketName); err != nil {
        return
        nil, err
    }

    if err := s3utils.CheckValidObjectName(objectName); err != nil {
        return nil, err
    }
    urlValues := make(url.Values)
    urlValues.Set("legal-hold", "")

    if opts.VersionID != "" {
        urlValues.Set("versionId", opts.VersionID)
    }

    // Execute GET on bucket to list objects.
    resp, err := c.executeMethod(ctx, http.MethodGet, requestMetadata{
        bucketName:    bucketName,
        objectName:    objectName,
        queryValues:   urlValues,
        contentSHA256Hex: emptySHA256Hex,
    })
    defer closeResponse(resp)
    if err != nil {
        return nil, err
    }
    if resp != nil {
        if resp.StatusCode != http.StatusOK {
            return nil, httpRespToErrorResponse(resp, bucketName, objectName)
        }
    }
    lh := &objectLegalHold{ }

```

```
if err = xml.NewDecoder(resp.Body).Decode(&lh); err != nil {
    return nil, err
}

return &lh.Status, nil
}
```

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import (
    "encoding/json"

    "github.com/go-openapi/swag"
)

// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
    LicenseProps
    VendorExtensible
}

// LicenseProps holds the properties of a License object
type LicenseProps struct {
    Name string `json:"name,omitempty"`
    URL  string `json:"url,omitempty"`
}

// UnmarshalJSON
hydrates License from json
func (l *License) UnmarshalJSON(data []byte) error {
    if err := json.Unmarshal(data, &l.LicenseProps); err != nil {
        return err
    }
    return json.Unmarshal(data, &l.VendorExtensible)
}

// MarshalJSON produces License as json
func (l License) MarshalJSON() ([]byte, error) {
    b1, err := json.Marshal(l.LicenseProps)
    if err != nil {
        return nil, err
    }
    b2, err := json.Marshal(l.VendorExtensible)
    if err != nil {
        return nil, err
    }
    return swag.ConcatJSON(b1, b2), nil
}

```

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<https://github.com/golang/protobuf>

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#

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package api

```
import (  
    "io/ioutil"  
    "strings"  
    "time"  
)
```

```
type License struct {  
    // The unique identifier of the license  
    LicenseID string `json:"license_id"`  
  
    // The customer ID associated with the license  
    CustomerID string `json:"customer_id"`  
  
    // If set, an identifier that should be used to lock the license to a  
    // particular site, cluster, etc.  
    InstallationID string `json:"installation_id"`  
  
    // The time at which the license was issued
```

```

IssueTime time.Time `json:"issue_time"`

// The time at which the license starts being valid
StartTime time.Time `json:"start_time"`

// The time after which the license expires
ExpirationTime time.Time `json:"expiration_time"`

// The time at which the license ceases to function and can
// no longer be used in any capacity
TerminationTime time.Time `json:"termination_time"`

// The product the license is valid for
Product string `json:"product"`

// License Specific Flags
Flags map[string]interface{} `json:"flags"`

// Modules is a list
// of the licensed enterprise modules
Modules []string `json:"modules"`

// List of features enabled by the license
Features []string `json:"features"`
}

type LicenseReply struct {
    Valid bool
    License *License
    Warnings []string
}

func (op *Operator) LicenseGet(q *QueryOptions) (*LicenseReply, error) {
    var reply LicenseReply
    if _, err := op.c.query("/v1/operator/license", &reply, q); err != nil {
        return nil, err
    } else {
        return &reply, nil
    }
}

func (op *Operator) LicenseGetSigned(q *QueryOptions) (string, error) {
    r := op.c.newRequest("GET", "/v1/operator/license")
    r.params.Set("signed", "1")
    r.setQueryOptions(q)
    _, resp, err := requireOK(op.c.doRequest(r))
    if err != nil {
        return "", err
    }
}

```

```

}
defer resp.Body.Close()

data, err := ioutil.ReadAll(resp.Body)
if err != nil {
    return "", err
}

return string(data), nil
}

// LicenseReset will reset the license to the builtin one if it is still valid.
// If the builtin license is invalid, the current license stays
// active.
func (op *Operator) LicenseReset(opts *WriteOptions) (*LicenseReply, error) {
    var reply LicenseReply
    r := op.c.newRequest("DELETE", "/v1/operator/license")
    r.setWriteOptions(opts)
    _, resp, err := requireOK(op.c.doRequest(r))
    if err != nil {
        return nil, err
    }
    defer resp.Body.Close()

    if err := decodeBody(resp, &reply); err != nil {
        return nil, err
    }

    return &reply, nil
}

func (op *Operator) LicensePut(license string, opts *WriteOptions) (*LicenseReply, error) {
    var reply LicenseReply
    r := op.c.newRequest("PUT", "/v1/operator/license")
    r.setWriteOptions(opts)
    r.body = strings.NewReader(license)
    _, resp, err := requireOK(op.c.doRequest(r))
    if err != nil {
        return nil, err
    }
    defer resp.Body.Close()

    if err := decodeBody(resp, &reply); err != nil {
        return nil, err
    }

    return &reply, nil
}

```

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Squirrel

The Masterminds

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1.216 ohler55-ojg 1.12.9

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1.217 musl-utils 1.2.2-r7

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1.218 scanelf 1.3.3-r0

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1.219 lib-pq 1.10.4

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```
//go:build go1.10
// +build go1.10

package pq

import (
    "context"
    "database/sql/driver"
)

// NoticeHandler returns the notice handler on the given connection, if any. A
// runtime panic occurs if c is not a pq connection. This is rarely used
// directly, use ConnectorNoticeHandler and ConnectorWithNoticeHandler instead.
func NoticeHandler(c driver.Conn) func(*Error) {
    return c.(*conn).noticeHandler
}

// SetNoticeHandler sets the given notice handler on the given connection. A
// runtime panic occurs if c is not a pq connection. A nil handler may be used
// to unset it. This is rarely used directly, use ConnectorNoticeHandler and
// ConnectorWithNoticeHandler instead.
//
// Note: Notice handlers are executed synchronously by pq meaning commands
// won't continue to be processed until the handler returns.
func SetNoticeHandler(c driver.Conn, handler func(*Error)) {
    c.(*conn).noticeHandler = handler
}
```

```

}

// NoticeHandlerConnector wraps a regular connector and sets a notice handler
//
// on it.
type NoticeHandlerConnector struct {
    driver.Connector
    noticeHandler func(*Error)
}

// Connect calls the underlying connector's connect method and then sets the
// notice handler.
func (n *NoticeHandlerConnector) Connect(ctx context.Context) (driver.Conn, error) {
    c, err := n.Connector.Connect(ctx)
    if err == nil {
        SetNoticeHandler(c, n.noticeHandler)
    }
    return c, err
}

// ConnectorNoticeHandler returns the currently set notice handler, if any. If
// the given connector is not a result of ConnectorWithNoticeHandler, nil is
// returned.
func ConnectorNoticeHandler(c driver.Connector) func(*Error) {
    if c, ok := c.(*NoticeHandlerConnector); ok {
        return c.noticeHandler
    }
    return nil
}

// ConnectorWithNoticeHandler creates or sets the given handler for the given
// connector. If the given connector is a result of calling this function
// previously, it is simply set on the given connector and returned. Otherwise,
// this returns a new connector wrapping the given one and
// setting the notice
// handler. A nil notice handler may be used to unset it.
//
// The returned connector is intended to be used with database/sql.OpenDB.
//
// Note: Notice handlers are executed synchronously by pq meaning commands
// won't continue to be processed until the handler returns.
func ConnectorWithNoticeHandler(c driver.Connector, handler func(*Error)) *NoticeHandlerConnector {
    if c, ok := c.(*NoticeHandlerConnector); ok {
        c.noticeHandler = handler
        return c
    }
    return &NoticeHandlerConnector{Connector: c, noticeHandler: handler}
}

```

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1.220 mitchellh-mapstructure 1.4.3

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1.221 go-autorest 0.11.22

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1.222 ghodss-yaml 1.0.1-0.20190212211648- 25d852aeb32

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1.223 uap-go 0.0.0-2021112212520-00c877edfe0f

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1.225 github.com/dgryski/go-metro v0.0.0-20180109044635-280f6062b5bc

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1.226 go-homedir v1.0.0

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1.227 cloud-google-com-go 0.100.2

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// Code generated by protoc-gen-go_gapic. DO NOT EDIT.

package compute_test

import (
    "context"

    compute "cloud.google.com/go/compute/apiv1"
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
)

func ExampleNewLicenseCodesRESTClient() {
    ctx := context.Background()
    c, err := compute.NewLicenseCodesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    // TODO: Use
    client.
    _ = c
}

func ExampleLicenseCodesClient_Get() {
    ctx := context.Background()
    c, err := compute.NewLicenseCodesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.GetLicenseCodeRequest{
```

```

// TODO: Fill request struct fields.
// See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetLicenseCodeRequest.
}
resp, err := c.Get(ctx, req)
if err != nil {
// TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}

func ExampleLicenseCodesClient_TestIamPermissions() {
ctx := context.Background()
c, err := compute.NewLicenseCodesRESTClient(ctx)
if err != nil {
// TODO: Handle error.
}
defer c.Close()

req := &compute.TestIamPermissionsLicenseCodeRequest{
// TODO: Fill request struct fields.
// See
https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#TestIamPermissionsLicenseCodeRequest.
}
resp, err := c.TestIamPermissions(ctx, req)
if err != nil {
// TODO: Handle error.
}
//
// TODO: Use resp.
_ = resp
}

```

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// Code generated by protoc-gen-go_gapic. DO NOT EDIT.

package compute_test

```

import (
    "context"

    compute "cloud.google.com/go/compute/apiv1"
    "google.golang.org/api/iterator"
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
)

func ExampleNewLicensesRESTClient() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer
    c.Close()

    // TODO: Use client.
    _ = c
}

func ExampleLicensesClient_Delete() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.DeleteLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#DeleteLicenseRequest.
    }
    resp, err := c.Delete(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}

func ExampleLicensesClient_Get() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
}

```

```

defer c.Close()

req := &computepb.GetLicenseRequest{
    // TODO: Fill request struct fields.
    // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetLicenseRequest.
}
resp, err := c.Get(ctx, req)
if err != nil {
    // TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}

func ExampleLicensesClient_GetIamPolicy()
{
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.GetIamPolicyLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetIamPolicyLicenseRequest.
    }
    resp, err := c.GetIamPolicy(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}

func ExampleLicensesClient_Insert() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.InsertLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#InsertLicenseRequest.
    }
    resp, err := c.Insert(ctx, req)

```

```

if err != nil {
    // TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}

func ExampleLicensesClient_List() {
    ctx :=
    context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &compute.ListLicensesRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#ListLicensesRequest.
    }
    it := c.List(ctx, req)
    for {
        resp, err := it.Next()
        if err == iterator.Done {
            break
        }
        if err != nil {
            // TODO: Handle error.
        }
        // TODO: Use resp.
        _ = resp
    }
}

func ExampleLicensesClient_SetIamPolicy() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &compute.SetIamPolicyLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#SetIamPolicyLicenseRequest.
    }
    resp, err := c.SetIamPolicy(ctx, req)
    if err != nil {

```

```

// TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}

func
ExampleLicensesClient_TestIamPermissions() {
ctx := context.Background()
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
// TODO: Handle error.
}
defer c.Close()

req := &computepb.TestIamPermissionsLicenseRequest{
// TODO: Fill request struct fields.
// See
https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#TestIamPermissionsLicenseRequest.
}
resp, err := c.TestIamPermissions(ctx, req)
if err != nil {
// TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}
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// Code generated by protoc-gen-go_gapic. DO NOT EDIT.

package compute

import (
"bytes"
"context"

```

```

"fmt"
"io/ioutil"
"net/http"
"net/url"

gax "github.com/googleapis/gax-go/v2"
"google.golang.org/api/googleapi"
"google.golang.org/api/option"
"google.golang.org/api/option/internaloption"
httptransport "google.golang.org/api/transport/http"
computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
"google.golang.org/grpc"
"google.golang.org/grpc/metadata"
"google.golang.org/protobuf/encoding/protojson"
)

var
newLicenseCodesClientHook clientHook

// LicenseCodesCallOptions contains the retry settings for each method of LicenseCodesClient.
type LicenseCodesCallOptions struct {
    Get []gax.CallOption
    TestIamPermissions []gax.CallOption
}

// internalLicenseCodesClient is an interface that defines the methods available from Google Compute Engine API.
type internalLicenseCodesClient interface {
    Close() error
    setGoogleClientInfo(...string)
    Connection() *grpc.ClientConn
    Get(context.Context, *computepb.GetLicenseCodeRequest, ...gax.CallOption) (*computepb.LicenseCode, error)
    TestIamPermissions(context.Context, *computepb.TestIamPermissionsLicenseCodeRequest, ...gax.CallOption)
    (*computepb.TestPermissionsResponse, error)
}

// LicenseCodesClient is a client for interacting with Google Compute Engine API.
// Methods, except Close, may be called concurrently.
// However, fields must not be modified concurrently with method calls.
//
// The LicenseCodes API.
type LicenseCodesClient struct {
    // The internal transport-dependent client.
    internalClient internalLicenseCodesClient

    // The call options for this service.
    CallOptions *LicenseCodesCallOptions
}

```

```

// Wrapper methods routed to the internal client.

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *LicenseCodesClient) Close() error {
    return c.internalClient.Close()
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *LicenseCodesClient) setGoogleClientInfo(keyval ...string) {
    c.internalClient.setGoogleClientInfo(keyval...)
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *LicenseCodesClient) Connection() *grpc.ClientConn {
    return c.internalClient.Connection()
}

//
// Get return a specified license code. License codes are mirrored across all projects that have permissions to read the
// License Code. Caution This resource is intended for use only by third-party partners who are creating Cloud
// Marketplace images.
func (c *LicenseCodesClient) Get(ctx context.Context, req *computepb.GetLicenseCodeRequest, opts
...gax.CallOption) (*computepb.LicenseCode, error) {
    return c.internalClient.Get(ctx, req, opts...)
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
// intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicenseCodesClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {
    return c.internalClient.TestIamPermissions(ctx, req, opts...)
}

// Methods, except Close, may be called concurrently. However,
// fields must not be modified concurrently with method calls.
type licenseCodesRESTClient struct {
    // The http endpoint to connect to.
    endpoint string

    // The http client.
    httpClient *http.Client

```

```

// The x-goog-* metadata to be sent with each request.
xGoogMetadata metadata.MD
}

// NewLicenseCodesRESTClient creates a new license codes rest client.
//
// The LicenseCodes API.
func NewLicenseCodesRESTClient(ctx context.Context, opts ...option.ClientOption) (*LicenseCodesClient, error) {
    clientOpts := append(defaultLicenseCodesRESTClientOptions(), opts...)
    httpClient, endpoint, err := httptransport.NewClient(ctx, clientOpts...)
    if err != nil {
        return nil, err
    }

    c := &licenseCodesRESTClient{
        endpoint: endpoint,
        httpClient: httpClient,
    }
    c.setGoogleClientInfo()

    return &LicenseCodesClient{internalClient: c, CallOptions: &LicenseCodesCallOptions{}}, nil
}

func defaultLicenseCodesRESTClientOptions() []option.ClientOption {
    return []option.ClientOption{
        internaloption.WithDefaultEndpoint("https://compute.googleapis.com"),
        internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
        internaloption.WithDefaultAudience("https://compute.googleapis.com/"),
        internaloption.WithDefaultScopes(DefaultAuthScopes()),
    }
}

//
// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *licenseCodesRESTClient) setGoogleClientInfo(keyval ...string) {
    kv := append([]string{"gl-go", versionGo()}, keyval...)
    kv = append(kv, "gapi", versionClient, "gax", gax.Version, "rest", "UNKNOWN")
    c.xGoogMetadata = metadata.Pairs("x-goog-api-client", gax.XGoogHeader(kv...))
}

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *licenseCodesRESTClient) Close() error {
    // Replace httpClient with nil to force cleanup.
    c.httpClient = nil
    return nil
}

```

```

}

//
// Connection returns a connection to the API service.
//
// Deprecated.
func (c *licenseCodesRESTClient) Connection() *grpc.ClientConn {
    return nil
}

// Get return a specified license code. License codes are mirrored across all projects that have permissions to read the
// License Code. Caution This resource is intended for use only by third-party partners who are creating Cloud
// Marketplace images.
func (c *licenseCodesRESTClient) Get(ctx context.Context, req *computepb.GetLicenseCodeRequest, opts
...gax.CallOption) (*computepb.LicenseCode, error) {
    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v", req.GetProject(),
req.GetLicenseCode())

    httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
    if err != nil {
        return nil, err
    }
    httpReq = httpReq.WithContext(ctx)
    // Set the headers
    for k, v := range c.xGoogMetadata {
        httpReq.Header[k] = v
    }
    httpReq.Header["Content-Type"] = []string{"application/json"}

    httpRsp,
    err := c.httpClient.Do(httpReq)
    if err != nil {
        return nil, err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp); err != nil {
        return nil, err
    }

    buf, err := ioutil.ReadAll(httpRsp.Body)
    if err != nil {
        return nil, err
    }

    unmarshalOptions := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
    rsp := &computepb.LicenseCode{}

```

```

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
return rsp, nil
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licenseCodesRESTClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {
    m := protojson.MarshalOptions{AllowPartial: true}
    body := req.GetTestPermissionsRequestResource()
    jsonReq, err := m.Marshal(body)
    if
    err != nil {
        return nil, err
    }

    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v/testIamPermissions",
req.GetProject(), req.GetResource())

    httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
    if err != nil {
        return nil, err
    }
    httpReq = httpReq.WithContext(ctx)
    // Set the headers
    for k, v := range c.xGoogMetadata {
        httpReq.Header[k] = v
    }
    httpReq.Header["Content-Type"] = []string{"application/json"}

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return nil, err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp); err != nil {
        return nil, err
    }

    buf, err := ioutil.ReadAll(httpRsp.Body)
    if err != nil {
        return nil, err
    }

```

```

}

unm := protojson.UnmarshalOptions{ AllowPartial: true, DiscardUnknown: true }
rsp := &computepb.TestPermissionsResponse{ }

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
return
rsp, nil
}
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// Code generated by protoc-gen-go_gapic. DO NOT EDIT.

package compute

import (
    "bytes"
    "context"
    "fmt"
    "io/ioutil"
    "math"
    "net/http"
    "net/url"

    gax "github.com/googleapis/gax-go/v2"
    "google.golang.org/api/googleapi"
    "google.golang.org/api/iterator"
    "google.golang.org/api/option"
    "google.golang.org/api/option/internaloption"
    httptransport "google.golang.org/api/transport/http"
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
    "google.golang.org/grpc"
    "google.golang.org/grpc/metadata"
    "google.golang.org/protobuf/encoding/protojson"

```

```

"google.golang.org/protobuf/proto"
)

var
newLicensesClientHook clientHook

// LicensesCallOptions contains the retry settings for each method of LicensesClient.
type LicensesCallOptions struct {
Delete      []gax.CallOption
Get         []gax.CallOption
GetIamPolicy []gax.CallOption
Insert     []gax.CallOption
List       []gax.CallOption
SetIamPolicy []gax.CallOption
TestIamPermissions []gax.CallOption
}

// internalLicensesClient is an interface that defines the methods available from Google Compute Engine API.
type internalLicensesClient interface {
Close() error
setGoogleClientInfo(...string)
Connection() *grpc.ClientConn
Delete(context.Context, *computepb.DeleteLicenseRequest, ...gax.CallOption) (*Operation, error)
Get(context.Context, *computepb.GetLicenseRequest, ...gax.CallOption)
(*computepb.License, error)
GetIamPolicy(context.Context, *computepb.GetIamPolicyLicenseRequest, ...gax.CallOption) (*computepb.Policy,
error)
Insert(context.Context, *computepb.InsertLicenseRequest, ...gax.CallOption) (*Operation, error)
List(context.Context, *computepb.ListLicensesRequest, ...gax.CallOption) *LicenseIterator
SetIamPolicy(context.Context, *computepb.SetIamPolicyLicenseRequest, ...gax.CallOption) (*computepb.Policy,
error)
TestIamPermissions(context.Context, *computepb.TestIamPermissionsLicenseRequest, ...gax.CallOption)
(*computepb.TestPermissionsResponse, error)
}

// LicensesClient is a client for interacting with Google Compute Engine API.
// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
method calls.
//
// The Licenses API.
type LicensesClient struct {
// The internal transport-dependent client.
internalClient internalLicensesClient

// The call options for this service.
CallOptions
*LicensesCallOptions
}

```

```

// Wrapper methods routed to the internal client.

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *LicensesClient) Close() error {
    return c.internalClient.Close()
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *LicensesClient) setGoogleClientInfo(keyval ...string) {
    c.internalClient.setGoogleClientInfo(keyval...)
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *LicensesClient) Connection() *grpc.ClientConn {
    return c.internalClient.Connection()
}

// Delete deletes the specified license. Caution This resource is intended for use only by third-party partners who are
// creating Cloud Marketplace images.
func (c *LicensesClient) Delete(ctx context.Context, req *computepb.DeleteLicenseRequest, opts ...gax.CallOption)
(*Operation, error) {
    return c.internalClient.Delete(ctx, req, opts...)
}

// Get returns the specified License resource. Caution This resource is intended for use only by third-party partners
// who are creating Cloud Marketplace images.
func (c *LicensesClient) Get(ctx context.Context, req *computepb.GetLicenseRequest, opts ...gax.CallOption)
(*computepb.License, error) {
    return c.internalClient.Get(ctx, req, opts...)
}

// GetIamPolicy gets the access control policy for a resource. May be empty if no such policy or resource exists.
// Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) GetIamPolicy(ctx context.Context, req *computepb.GetIamPolicyLicenseRequest, opts
...gax.CallOption) (*computepb.Policy, error) {
    return c.internalClient.GetIamPolicy(ctx, req, opts...)
}

// Insert create a License resource in the specified project. Caution This resource is intended for use only by third-
// party
// partners who are creating Cloud Marketplace images.
func (c *LicensesClient) Insert(ctx context.Context, req *computepb.InsertLicenseRequest, opts ...gax.CallOption)

```

```

(*Operation, error) {
    return c.internalClient.Insert(ctx, req, opts...)
}

// List retrieves the list of licenses available in the specified project. This method does not get any licenses that
// belong to other projects, including licenses attached to publicly-available images, like Debian 9. If you want to get a
// list of publicly-available licenses, use this method to make a request to the respective image project, such as debian-
// cloud or windows-cloud. Caution This resource is intended for use only by third-party partners who are creating
// Cloud Marketplace images.
func (c *LicensesClient) List(ctx context.Context, req *computepb.ListLicensesRequest, opts ...gax.CallOption)
*LicenseIterator {
    return c.internalClient.List(ctx, req, opts...)
}

// SetIamPolicy sets the access control policy on the specified resource. Replaces
// any existing policy. Caution This resource is intended for use only by third-party partners who are creating Cloud
// Marketplace images.
func (c *LicensesClient) SetIamPolicy(ctx context.Context, req *computepb.SetIamPolicyLicenseRequest, opts
...gax.CallOption) (*computepb.Policy, error) {
    return c.internalClient.SetIamPolicy(ctx, req, opts...)
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
// intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseRequest, opts ...gax.CallOption) (*computepb.TestPermissionsResponse,
error) {
    return c.internalClient.TestIamPermissions(ctx, req, opts...)
}

// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
// method calls.
type licensesRESTClient struct {
    // The http endpoint to connect to.
    endpoint
    string

    // The http client.
    httpClient *http.Client

    // The x-goog-* metadata to be sent with each request.
    xGoogMetadata metadata.MD
}

// NewLicensesRESTClient creates a new licenses rest client.
//
// The Licenses API.
func NewLicensesRESTClient(ctx context.Context, opts ...option.ClientOption) (*LicensesClient, error) {

```

```

clientOpts := append(defaultLicensesRESTClientOptions(), opts...)
httpClient, endpoint, err := httptransport.NewClient(ctx, clientOpts...)
if err != nil {
    return nil, err
}

c := &licensesRESTClient{
    endpoint: endpoint,
    httpClient: httpClient,
}
c.setGoogleClientInfo()

return &LicensesClient{internalClient: c, CallOptions: &LicensesCallOptions{}}, nil
}

func defaultLicensesRESTClientOptions() []option.ClientOption {
return []option.ClientOption{
    internaloption.WithDefaultEndpoint("https://compute.googleapis.com"),
    internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
    internaloption.WithDefaultAudience("https://compute.googleapis.com/"),
    internaloption.WithDefaultScopes(DefaultAuthScopes()),
}
}

//
// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *licensesRESTClient) setGoogleClientInfo(keyval ...string) {
kv := append([]string{"gl-go", versionGo()}, keyval...)
kv = append(kv, "gapi", versionClient, "gax", gax.Version, "rest", "UNKNOWN")
c.xGoogMetadata = metadata.Pairs("x-goog-api-client", gax.XGoogHeader(kv...))
}

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *licensesRESTClient) Close() error {
// Replace httpClient with nil to force cleanup.
c.httpClient = nil
return nil
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *licensesRESTClient) Connection() *grpc.ClientConn {
return nil
}

```

```

// Delete deletes the specified license.
Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Delete(ctx context.Context, req *computepb.DeleteLicenseRequest, opts
...gax.CallOption) (*Operation, error) {
    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v", req.GetProject(), req.GetLicense())

    params := url.Values{ }
    if req != nil && req.RequestId != nil {
        params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
    }

    baseUrl.RawQuery = params.Encode()

    httpReq, err := http.NewRequest("DELETE", baseUrl.String(), nil)
    if err != nil {
        return nil, err
    }
    httpReq = httpReq.WithContext(ctx)
    // Set the headers
    for k, v := range c.xGoogMetadata {
        httpReq.Header[k] = v
    }
    httpReq.Header["Content-Type"] = []string{"application/json"}

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return nil, err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp);
    err != nil {
        return nil, err
    }

    buf, err := ioutil.ReadAll(httpRsp.Body)
    if err != nil {
        return nil, err
    }

    unmarshalOptions := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
    rsp := &computepb.Operation{ }

    if err := unmarshal(buf, rsp); err != nil {
        return nil, maybeUnknownEnum(err)
    }
}

```

```

op := &Operation{proto: rsp}
return op, err
}

// Get returns the specified License resource. Caution This resource is intended for use only by third-party partners
// who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Get(ctx context.Context, req *computepb.GetLicenseRequest, opts ...gax.CallOption)
(*computepb.License, error) {
    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v", req.GetProject(), req.GetLicense())

    httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
    if err != nil {
        return nil, err
    }
    httpReq = httpReq.WithContext(ctx)
    // Set the headers
    for k, v
    := range c.xGoogMetadata {
        httpReq.Header[k] = v
    }
    httpReq.Header["Content-Type"] = []string{"application/json"}

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return nil, err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp); err != nil {
        return nil, err
    }

    buf, err := ioutil.ReadAll(httpRsp.Body)
    if err != nil {
        return nil, err
    }

    unmarshalOptions := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
    rsp := &computepb.License{}

    if err := unmarshalOptions.Unmarshal(buf, rsp); err != nil {
        return nil, maybeUnknownEnum(err)
    }
    return rsp, nil
}

// GetIamPolicy gets the access control policy for a resource. May be empty if no such policy or resource exists.

```

Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.

```
func (c *licensesRESTClient) GetIamPolicy(ctx context.Context, req *computepb.GetIamPolicyLicenseRequest,
opts ...gax.CallOption) (*computepb.Policy, error) {
    baseUrl, _
    := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/getIamPolicy", req.GetProject(),
req.GetResource())

    params := url.Values{ }
    if req != nil && req.OptionsRequestedPolicyVersion != nil {
        params.Add("optionsRequestedPolicyVersion", fmt.Sprintf("%v", req.GetOptionsRequestedPolicyVersion()))
    }

    baseUrl.RawQuery = params.Encode()

    httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
    if err != nil {
        return nil, err
    }
    httpReq = httpReq.WithContext(ctx)
    // Set the headers
    for k, v := range c.xGoogMetadata {
        httpReq.Header[k] = v
    }
    httpReq.Header["Content-Type"] = []string{"application/json"}

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return nil, err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp); err != nil {
        return nil, err
    }

    buf, err := ioutil.ReadAll(httpRsp.Body)
    if err != nil {
        return nil, err
    }

    unmarshalOptions := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown:
true}
    rsp := &computepb.Policy{ }

    if err := unmarshalOptions.Unmarshal(buf, rsp); err != nil {
        return nil, maybeUnknownEnum(err)
    }
}
```

```

return rsp, nil
}

// Insert create a License resource in the specified project. Caution This resource is intended for use only by third-
party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Insert(ctx context.Context, req *computepb.InsertLicenseRequest, opts
...gax.CallOption) (*Operation, error) {
    m := protojson.MarshalOptions{ AllowPartial: true}
    body := req.GetLicenseResource()
    jsonReq, err := m.Marshal(body)
    if err != nil {
        return nil, err
    }

    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses", req.GetProject())

    params := url.Values{ }
    if req != nil && req.RequestId != nil {
        params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
    }

    baseUrl.RawQuery = params.Encode()

    httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
    if
    err != nil {
        return nil, err
    }
    httpReq = httpReq.WithContext(ctx)
    // Set the headers
    for k, v := range c.xGoogMetadata {
        httpReq.Header[k] = v
    }
    httpReq.Header["Content-Type"] = []string{"application/json"}

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return nil, err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp); err != nil {
        return nil, err
    }

    buf, err := ioutil.ReadAll(httpRsp.Body)
    if err != nil {

```

```

return nil, err
}

unm := protojson.UnmarshalOptions{ AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.Operation{ }

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
op := &Operation{ proto: rsp}
return op, err
}

```

// List retrieves the list of licenses available in the specified project. This method does not get any licenses that belong to other projects, including licenses attached to publicly-available images, like Debian 9. If you want to get a list of publicly-available

licenses, use this method to make a request to the respective image project, such as debian-cloud or windows-cloud. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.

```
func (c *licensesRESTClient) List(ctx context.Context, req *computepb.ListLicensesRequest, opts
```

```

...gax.CallOption) *LicenseIterator {
    it := &LicenseIterator{ }
    req = proto.Clone(req).(*computepb.ListLicensesRequest)
    unm := protojson.UnmarshalOptions{ AllowPartial: true, DiscardUnknown: true}
    it.InternalFetch = func(pageSize int, pageToken string) ([]*computepb.License, string, error) {
        resp := &computepb.LicensesListResponse{ }
        if pageToken != "" {
            req.PageToken = proto.String(pageToken)
        }
        if pageSize > math.MaxInt32 {
            req.MaxResults = proto.Uint32(math.MaxInt32)
        } else if pageSize != 0 {
            req.MaxResults = proto.Uint32(uint32(pageSize))
        }
        baseUrl, _ := url.Parse(c.endpoint)
        baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses",
            req.GetProject())

```

```

        params := url.Values{ }
        if req != nil && req.Filter != nil {
            params.Add("filter", fmt.Sprintf("%v", req.GetFilter()))
        }
        if req != nil && req.MaxResults != nil {
            params.Add("maxResults", fmt.Sprintf("%v", req.GetMaxResults()))
        }
        if req != nil && req.OrderBy != nil {
            params.Add("orderBy", fmt.Sprintf("%v", req.GetOrderBy()))
        }
        if req != nil && req.PageToken != nil {

```

```

params.Add("pageToken", fmt.Sprintf("%v", req.GetPageToken()))
}
if req != nil && req.ReturnPartialSuccess != nil {
    params.Add("returnPartialSuccess", fmt.Sprintf("%v", req.GetReturnPartialSuccess()))
}

baseUrl.RawQuery = params.Encode()

httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
if err != nil {
    return nil, "", err
}

// Set the headers
for k, v := range c.xGoogMetadata {
    httpReq.Header[k] = v
}

httpReq.Header["Content-Type"] = []string{"application/json"}
httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return nil, "", err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return nil, "", err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, "", err
}

unm.Unmarshal(buf, resp)
it.Response = resp
return resp.GetItems(), resp.GetNextPageToken(), nil
}

fetch := func(pageSize int, pageToken string) (string, error) {
    items, nextPageToken, err := it.InternalFetch(pageSize, pageToken)
    if err != nil {
        return "", err
    }
    it.items = append(it.items, items...)
    return nextPageToken, nil
}

```

```

it.pageInfo, it.nextFunc = iterator.NewPageInfo(fetch, it.bufLen, it.takeBuf)
it.pageInfo.MaxSize = int(req.GetMaxResults())
it.pageInfo.Token = req.GetPageToken()

return it
}

// SetIamPolicy sets the access control policy on the specified resource. Replaces any existing policy. Caution This
resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c
*licensesRESTClient) SetIamPolicy(ctx context.Context, req *computepb.SetIamPolicyLicenseRequest, opts
...gax.CallOption) (*computepb.Policy, error) {
m := protojson.MarshalOptions{ AllowPartial: true }
body := req.GetGlobalSetPolicyRequestResource()
jsonReq, err := m.Marshal(body)
if err != nil {
return nil, err
}

baseUrl, _ := url.Parse(c.endpoint)
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/setIamPolicy", req.GetProject(),
req.GetResource())

httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
if err != nil {
return nil, err
}
httpReq = httpReq.WithContext(ctx)
// Set the headers
for k, v := range c.xGoogMetadata {
httpReq.Header[k] = v
}
httpReq.Header["Content-Type"] = []string{"application/json"}

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
return nil, err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if

```

```

err != nil {
    return nil, err
}

unm := protojson.UnmarshalOptions{ AllowPartial: true, DiscardUnknown: true }
rsp := &computepb.Policy{ }

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
return rsp, nil
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseRequest, opts ...gax.CallOption) (*computepb.TestPermissionsResponse,
error) {
    m := protojson.MarshalOptions{ AllowPartial: true }
    body := req.GetTestPermissionsRequestResource()
    jsonReq, err := m.Marshal(body)
    if err != nil {
        return nil, err
    }

    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/testIamPermissions", req.GetProject(),
req.GetResource())

    httpReq,
err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
    if err != nil {
        return nil, err
    }
    httpReq = httpReq.WithContext(ctx)
    // Set the headers
    for k, v := range c.xGoogMetadata {
        httpReq.Header[k] = v
    }
    httpReq.Header["Content-Type"] = []string{"application/json"}

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return nil, err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp); err != nil {

```

```

    return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, err
}

unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.TestPermissionsResponse{}

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
return rsp, nil
}

// LicenseIterator manages a stream of *computepb.License.
type LicenseIterator struct {
    items []*computepb.License
    pageInfo *iterator.PageInfo
    nextFunc func() error

    // Response is
    // the raw response for the current page.
    // It must be cast to the RPC response type.
    // Calling Next() or InternalFetch() updates this value.
    Response interface{}

    // InternalFetch is for use by the Google Cloud Libraries only.
    // It is not part of the stable interface of this package.
    //
    // InternalFetch returns results from a single call to the underlying RPC.
    // The number of results is no greater than pageSize.
    // If there are no more results, nextPageToken is empty and err is nil.
    InternalFetch func(pageSize int, pageToken string) (results []*computepb.License, nextPageToken string, err error)
}

// PageInfo supports pagination. See the google.golang.org/api/iterator package for details.
func (it *LicenseIterator) PageInfo() *iterator.PageInfo {
    return it.pageInfo
}

// Next returns the next result. Its second return value is iterator.Done if there are no more
// results. Once Next returns Done, all subsequent calls will return Done.
func (it *LicenseIterator) Next() (*computepb.License,
error) {
    var item *computepb.License

```

```

if err := it.nextFunc(); err != nil {
    return item, err
}
item = it.items[0]
it.items = it.items[1:]
return item, nil
}

func (it *LicenseIterator) bufLen() int {
    return len(it.items)
}

func (it *LicenseIterator) takeBuf() interface{} {
    b := it.items
    it.items = nil
    return b
}

```

1.228 go-plugin v1.4.3

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1.229 gopkg.in/ini.v1 v1.66.2

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1.230 armon-go-metrics v0.3.10

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1.231 githubcomgolangglog v1.0.0

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1.232 googlecloudgo v0.100.2

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package compute_test

import (
    "context"

    compute "cloud.google.com/go/compute/apiv1"
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
)

func ExampleNewLicenseCodesRESTClient() {
    ctx := context.Background()
    c, err := compute.NewLicenseCodesRESTClient(ctx)
    if err != nil {
```

```

// TODO: Handle error.
}
defer c.Close()

// TODO: Use
client.
_ = c
}

func ExampleLicenseCodesClient_Get() {
ctx := context.Background()
c, err := compute.NewLicenseCodesRESTClient(ctx)
if err != nil {
// TODO: Handle error.
}
defer c.Close()

req := &computepb.GetLicenseCodeRequest{
// TODO: Fill request struct fields.
// See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetLicenseCodeRequest.
}
resp, err := c.Get(ctx, req)
if err != nil {
// TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}

func ExampleLicenseCodesClient_TestIamPermissions() {
ctx := context.Background()
c, err := compute.NewLicenseCodesRESTClient(ctx)
if err != nil {
// TODO: Handle error.
}
defer c.Close()

req := &computepb.TestIamPermissionsLicenseCodeRequest{
// TODO: Fill request struct fields.
// See
https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#TestIamPermissionsLicenseCodeRequest.
}
resp, err := c.TestIamPermissions(ctx, req)
if err != nil {
// TODO: Handle error.
}
//

```

TODO: Use resp.

_ = resp

}

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package compute_test

import (

"context"

compute "cloud.google.com/go/compute/apiv1"

"google.golang.org/api/iterator"

computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"

)

func ExampleNewLicensesRESTClient() {

ctx := context.Background()

c, err := compute.NewLicensesRESTClient(ctx)

if err != nil {

// TODO: Handle error.

}

defer

c.Close()

// TODO: Use client.

_ = c

}

func ExampleLicensesClient_Delete() {

ctx := context.Background()

c, err := compute.NewLicensesRESTClient(ctx)

if err != nil {

// TODO: Handle error.

}

defer c.Close()

```

req := &computepb.DeleteLicenseRequest{
    // TODO: Fill request struct fields.
    // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#DeleteLicenseRequest.
}
resp, err := c.Delete(ctx, req)
if err != nil {
    // TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}

func ExampleLicensesClient_Get() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.GetLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetLicenseRequest.
    }
    resp, err := c.Get(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}

func ExampleLicensesClient_GetIamPolicy()
{
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.GetIamPolicyLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetIamPolicyLicenseRequest.
    }
    resp, err := c.GetIamPolicy(ctx, req)
    if err != nil {

```

```

// TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}

func ExampleLicensesClient_Insert() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.InsertLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#InsertLicenseRequest.
    }
    resp, err := c.Insert(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}

func ExampleLicensesClient_List() {
    ctx :=
    context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.ListLicensesRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#ListLicensesRequest.
    }
    it := c.List(ctx, req)
    for {
        resp, err := it.Next()
        if err == iterator.Done {
            break
        }
        if err != nil {
            // TODO: Handle error.
        }
    }
}

```

```

// TODO: Use resp.
_ = resp
}
}

func ExampleLicensesClient_SetIamPolicy() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.SetIamPolicyLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#SetIamPolicyLicenseRequest.
    }
    resp, err := c.SetIamPolicy(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}

func
ExampleLicensesClient_TestIamPermissions() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.TestIamPermissionsLicenseRequest{
        // TODO: Fill request struct fields.
        // See
https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#TestIamPermissionsLicenseRequest.
    }
    resp, err := c.TestIamPermissions(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}
// Copyright 2021 Google LLC
//

```

```
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// limitations under the License.
```

```
// Code generated by protoc-gen-go_gapic. DO NOT EDIT.
```

```
package compute
```

```
import (
    "bytes"
    "context"
    "fmt"
    "io/ioutil"
    "net/http"
    "net/url"
```

```
    gax "github.com/googleapis/gax-go/v2"
    "google.golang.org/api/googleapi"
    "google.golang.org/api/option"
    "google.golang.org/api/option/internaloption"
    httptransport "google.golang.org/api/transport/http"
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
    "google.golang.org/grpc"
    "google.golang.org/grpc/metadata"
    "google.golang.org/protobuf/encoding/protojson"
)
```

```
var
```

```
    newLicenseCodesClientHook clientHook
```

```
// LicenseCodesCallOptions contains the retry settings for each method of LicenseCodesClient.
```

```
type LicenseCodesCallOptions struct {
    Get          []gax.CallOption
    TestIamPermissions []gax.CallOption
}
```

```
// internalLicenseCodesClient is an interface that defines the methods available from Google Compute Engine API.
```

```
type internalLicenseCodesClient interface {
    Close() error
    setGoogleClientInfo(...string)
```

```

Connection() *grpc.ClientConn
Get(context.Context, *computepb.GetLicenseCodeRequest, ...gax.CallOption) (*computepb.LicenseCode, error)
TestIamPermissions(context.Context, *computepb.TestIamPermissionsLicenseCodeRequest, ...gax.CallOption)
(*computepb.TestPermissionsResponse, error)
}

```

// LicenseCodesClient is a client for interacting with Google Compute Engine API.

// Methods, except Close, may be called concurrently.

However, fields must not be modified concurrently with method calls.

//

// The LicenseCodes API.

```
type LicenseCodesClient struct {
```

// The internal transport-dependent client.

```
internalClient internalLicenseCodesClient
```

// The call options for this service.

```
CallOptions *LicenseCodesCallOptions
```

```
}
```

// Wrapper methods routed to the internal client.

// Close closes the connection to the API service. The user should invoke this when

// the client is no longer required.

```
func (c *LicenseCodesClient) Close() error {
```

```
return c.internalClient.Close()
```

```
}
```

// setGoogleClientInfo sets the name and version of the application in

// the `x-goog-api-client` header passed on each request. Intended for

// use by Google-written clients.

```
func (c *LicenseCodesClient) setGoogleClientInfo(keyval ...string) {
```

```
c.internalClient.setGoogleClientInfo(keyval...)
```

```
}
```

// Connection returns a connection to the API service.

//

// Deprecated.

```
func (c *LicenseCodesClient) Connection() *grpc.ClientConn {
```

```
return c.internalClient.Connection()
```

```
}
```

//

Get return a specified license code. License codes are mirrored across all projects that have permissions to read the License Code. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.

```
func (c *LicenseCodesClient) Get(ctx context.Context, req *computepb.GetLicenseCodeRequest, opts
```

```
...gax.CallOption) (*computepb.LicenseCode, error) {
```

```
return c.internalClient.Get(ctx, req, opts...)
```

```

}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
// intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicenseCodesClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {
    return c.internalClient.TestIamPermissions(ctx, req, opts...)
}

// Methods, except Close, may be called concurrently. However,
// fields must not be modified concurrently with method calls.
type licenseCodesRESTClient struct {
    // The http endpoint to connect to.
    endpoint string

    // The http client.
    httpClient *http.Client

    // The x-goog-* metadata to be sent with each request.
    xGoogMetadata metadata.MD
}

// NewLicenseCodesRESTClient creates a new license codes rest client.
//
// The LicenseCodes API.
func NewLicenseCodesRESTClient(ctx context.Context, opts ...option.ClientOption) (*LicenseCodesClient, error) {
    clientOpts := append(defaultLicenseCodesRESTClientOptions(), opts...)
    httpClient, endpoint, err := httptransport.NewClient(ctx, clientOpts...)
    if err != nil {
        return nil, err
    }

    c := &licenseCodesRESTClient{
        endpoint: endpoint,
        httpClient: httpClient,
    }
    c.setGoogleClientInfo()

    return &LicenseCodesClient{internalClient: c, CallOptions: &LicenseCodesCallOptions{}}, nil
}

func defaultLicenseCodesRESTClientOptions() []option.ClientOption {
    return []option.ClientOption{
        internaloption.WithDefaultEndpoint("https://compute.googleapis.com"),
        internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
        internaloption.WithDefaultAudience("https://compute.googleapis.com/"),
        internaloption.WithDefaultScopes(DefaultAuthScopes()...),
    }
}

```

```

}
}

//
setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *licenseCodesRESTClient) setGoogleClientInfo(keyval ...string) {
    kv := append([]string{"gl-go", versionGo()}, keyval...)
    kv = append(kv, "gpic", versionClient, "gax", gax.Version, "rest", "UNKNOWN")
    c.xGoogMetadata = metadata.Pairs("x-goog-api-client", gax.XGoogHeader(kv...))
}

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *licenseCodesRESTClient) Close() error {
    // Replace httpClient with nil to force cleanup.
    c.httpClient = nil
    return nil
}

//
Connection returns a connection to the API service.
//
// Deprecated.
func (c *licenseCodesRESTClient) Connection() *grpc.ClientConn {
    return nil
}

// Get return a specified license code. License codes are mirrored across all projects that have permissions to read the
License Code. Caution This resource is intended for use only by third-party partners who are creating Cloud
Marketplace images.
func (c *licenseCodesRESTClient) Get(ctx context.Context, req *computepb.GetLicenseCodeRequest, opts
...gax.CallOption) (*computepb.LicenseCode, error) {
    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v", req.GetProject(),
req.GetLicenseCode())

    httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
    if err != nil {
        return nil, err
    }
    httpReq = httpReq.WithContext(ctx)
    // Set the headers
    for k, v := range c.xGoogMetadata {
        httpReq.Header[k] = v
    }
    httpReq.Header["Content-Type"] = []string{"application/json"}
}

```

```

httpRsp,
err := c.httpClient.Do(httpReq)
if err != nil {
    return nil, err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, err
}

unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.LicenseCode{}

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
return rsp, nil
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licenseCodesRESTClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {
    m := protojson.MarshalOptions{AllowPartial: true}
    body := req.GetTestPermissionsRequestResource()
    jsonReq, err := m.Marshal(body)
    if
err != nil {
        return nil, err
    }

    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v/testIamPermissions",
req.GetProject(), req.GetResource())

    httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
    if err != nil {
        return nil, err
    }
    httpReq = httpReq.WithContext(ctx)

```

```

// Set the headers
for k, v := range c.xGoogMetadata {
    httpReq.Header[k] = v
}
httpReq.Header["Content-Type"] = []string{"application/json"}

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return nil, err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, err
}

unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.TestPermissionsResponse{}

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
return
rsp, nil
}
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// Code generated by protoc-gen-go_gapic. DO NOT EDIT.

package compute

```

```

import (
    "bytes"
    "context"
    "fmt"
    "io/ioutil"
    "math"
    "net/http"
    "net/url"

    gax "github.com/googleapis/gax-go/v2"
    "google.golang.org/api/googleapi"
    "google.golang.org/api/iterator"
    "google.golang.org/api/option"
    "google.golang.org/api/option/internaloption"
    httptransport "google.golang.org/api/transport/http"
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
    "google.golang.org/grpc"
    "google.golang.org/grpc/metadata"
    "google.golang.org/protobuf/encoding/protojson"
    "google.golang.org/protobuf/proto"
)

var
    newLicensesClientHook clientHook

// LicensesCallOptions contains the retry settings for each method of LicensesClient.
type LicensesCallOptions struct {
    Delete      []gax.CallOption
    Get         []gax.CallOption
    GetIamPolicy []gax.CallOption
    Insert      []gax.CallOption
    List        []gax.CallOption
    SetIamPolicy []gax.CallOption
    TestIamPermissions []gax.CallOption
}

// internalLicensesClient is an interface that defines the methods available from Google Compute Engine API.
type internalLicensesClient interface {
    Close() error
    setGoogleClientInfo(...string)
    Connection() *grpc.ClientConn
    Delete(context.Context, *computepb.DeleteLicenseRequest, ...gax.CallOption) (*Operation, error)
    Get(context.Context, *computepb.GetLicenseRequest, ...gax.CallOption)
    (*computepb.License, error)
    GetIamPolicy(context.Context, *computepb.GetIamPolicyLicenseRequest, ...gax.CallOption) (*computepb.Policy,
    error)
    Insert(context.Context, *computepb.InsertLicenseRequest, ...gax.CallOption) (*Operation, error)
    List(context.Context, *computepb.ListLicensesRequest, ...gax.CallOption) *LicenseIterator

```

```

SetIamPolicy(context.Context, *computepb.SetIamPolicyLicenseRequest, ...gax.CallOption) (*computepb.Policy,
error)
TestIamPermissions(context.Context, *computepb.TestIamPermissionsLicenseRequest, ...gax.CallOption)
(*computepb.TestPermissionsResponse, error)
}

// LicensesClient is a client for interacting with Google Compute Engine API.
// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
method calls.
//
// The Licenses API.
type LicensesClient struct {
// The internal transport-dependent client.
internalClient internalLicensesClient

// The call options for this service.
CallOptions
*LicensesCallOptions
}

// Wrapper methods routed to the internal client.

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *LicensesClient) Close() error {
return c.internalClient.Close()
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *LicensesClient) setGoogleClientInfo(keyval ...string) {
c.internalClient.setGoogleClientInfo(keyval...)
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *LicensesClient) Connection() *grpc.ClientConn {
return c.internalClient.Connection()
}

// Delete deletes the specified license. Caution This resource is intended for use only by third-party partners who are
creating Cloud Marketplace images.
func (c *LicensesClient) Delete(ctx context.Context, req *computepb.DeleteLicenseRequest, opts ...gax.CallOption)
(*Operation, error) {
return c.internalClient.Delete(ctx, req, opts...)
}

```

// Get returns the specified License resource. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.

```
func (c *LicensesClient) Get(ctx context.Context, req *computepb.GetLicenseRequest, opts ...gax.CallOption) (*computepb.License, error) {  
    return c.internalClient.Get(ctx, req, opts...)  
}
```

// GetIamPolicy gets the access control policy for a resource. May be empty if no such policy or resource exists. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.

```
func (c *LicensesClient) GetIamPolicy(ctx context.Context, req *computepb.GetIamPolicyLicenseRequest, opts ...gax.CallOption) (*computepb.Policy, error) {  
    return c.internalClient.GetIamPolicy(ctx, req, opts...)  
}
```

// Insert create a License resource in the specified project. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.

```
func (c *LicensesClient) Insert(ctx context.Context, req *computepb.InsertLicenseRequest, opts ...gax.CallOption) (*Operation, error) {  
    return c.internalClient.Insert(ctx, req, opts...)  
}
```

// List retrieves the list of licenses available in the specified project. This method does not get any licenses that belong to other projects, including licenses attached to publicly-available images, like Debian 9. If you want to get a list of publicly-available licenses, use this method to make a request to the respective image project, such as debian-cloud or windows-cloud. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.

```
func (c *LicensesClient) List(ctx context.Context, req *computepb.ListLicensesRequest, opts ...gax.CallOption) *LicenseIterator {  
    return c.internalClient.List(ctx, req, opts...)  
}
```

// SetIamPolicy sets the access control policy on the specified resource. Replaces any existing policy. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.

```
func (c *LicensesClient) SetIamPolicy(ctx context.Context, req *computepb.SetIamPolicyLicenseRequest, opts ...gax.CallOption) (*computepb.Policy, error) {  
    return c.internalClient.SetIamPolicy(ctx, req, opts...)  
}
```

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.

```
func (c *LicensesClient) TestIamPermissions(ctx context.Context, req *computepb.TestIamPermissionsLicenseRequest, opts ...gax.CallOption) (*computepb.TestPermissionsResponse, error) {  
    return c.internalClient.TestIamPermissions(ctx, req, opts...)  
}
```

```

// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
// method calls.
type licensesRESTClient struct {
// The http endpoint to connect to.
endpoint
string

// The http client.
httpClient *http.Client

// The x-goog-* metadata to be sent with each request.
xGoogMetadata metadata.MD
}

// NewLicensesRESTClient creates a new licenses rest client.
//
// The Licenses API.
func NewLicensesRESTClient(ctx context.Context, opts ...option.ClientOption) (*LicensesClient, error) {
clientOpts := append(defaultLicensesRESTClientOptions(), opts...)
httpClient, endpoint, err := httptransport.NewClient(ctx, clientOpts...)
if err != nil {
return nil, err
}

c := &licensesRESTClient{
endpoint: endpoint,
httpClient: httpClient,
}
c.setGoogleClientInfo()

return &LicensesClient{internalClient: c, CallOptions: &LicensesCallOptions{}}, nil
}

func defaultLicensesRESTClientOptions() []option.ClientOption {
return []option.ClientOption{
internaloption.WithDefaultEndpoint("https://compute.googleapis.com"),
internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
internaloption.WithDefaultAudience("https://compute.googleapis.com/"),
internaloption.WithDefaultScopes(DefaultAuthScopes()...),
}
}

//
// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *licensesRESTClient) setGoogleClientInfo(keyval ...string) {

```

```

kv := append([]string{"gl-go", versionGo()}, keyval...)
kv = append(kv, "gpic", versionClient, "gax", gax.Version, "rest", "UNKNOWN")
c.xGoogMetadata = metadata.Pairs("x-goog-api-client", gax.XGoogHeader(kv...))
}

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *licensesRESTClient) Close() error {
// Replace httpClient with nil to force cleanup.
c.httpClient = nil
return nil
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *licensesRESTClient) Connection() *grpc.ClientConn {
return nil
}

// Delete deletes the specified license.
Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Delete(ctx context.Context, req *compute.DeleteLicenseRequest, opts
...gax.CallOption) (*Operation, error) {
baseUrl, _ := url.Parse(c.endpoint)
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v", req.GetProject(), req.GetLicense())

params := url.Values{ }
if req != nil && req.RequestId != nil {
params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
}

baseUrl.RawQuery = params.Encode()

httpReq, err := http.NewRequest("DELETE", baseUrl.String(), nil)
if err != nil {
return nil, err
}
httpReq = httpReq.WithContext(ctx)
// Set the headers
for k, v := range c.xGoogMetadata {
httpReq.Header[k] = v
}
httpReq.Header["Content-Type"] = []string{"application/json"}

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
return nil, err
}

```

```

}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp);
err != nil {
    return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, err
}

unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.Operation{ }

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
op := &Operation{proto: rsp}
return op, err
}

// Get returns the specified License resource. Caution This resource is intended for use only by third-party partners
// who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Get(ctx context.Context, req *computepb.GetLicenseRequest, opts ...gax.CallOption)
(*computepb.License, error) {
    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v", req.GetProject(), req.GetLicense())

    httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
    if err != nil {
        return nil, err
    }
    httpReq = httpReq.WithContext(ctx)
    // Set the headers
    for k, v
    := range c.xGoogMetadata {
        httpReq.Header[k] = v
    }
    httpReq.Header["Content-Type"] = []string{"application/json"}

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return nil, err
    }
    defer httpRsp.Body.Close()

```

```

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, err
}

unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.License{}

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
return rsp, nil
}

// GetIamPolicy gets the access control policy for a resource. May be empty if no such policy or resource exists.
Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) GetIamPolicy(ctx context.Context, req *computepb.GetIamPolicyLicenseRequest,
opts ...gax.CallOption) (*computepb.Policy, error) {
    baseUrl, _
    := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/getIamPolicy", req.GetProject(),
req.GetResource())

    params := url.Values{ }
    if req != nil && req.OptionsRequestedPolicyVersion != nil {
        params.Add("optionsRequestedPolicyVersion", fmt.Sprintf("%v", req.GetOptionsRequestedPolicyVersion()))
    }

    baseUrl.RawQuery = params.Encode()

    httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
    if err != nil {
        return nil, err
    }
    httpReq = httpReq.WithContext(ctx)
    // Set the headers
    for k, v := range c.xGoogMetadata {
        httpReq.Header[k] = v
    }
    httpReq.Header["Content-Type"] = []string{"application/json"}

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return nil, err
    }
}

```

```

}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, err
}

unm := protojson.UnmarshalOptions{ AllowPartial: true, DiscardUnknown:
true}
rsp := &computepb.Policy{ }

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
return rsp, nil
}

// Insert create a License resource in the specified project. Caution This resource is intended for use only by third-
party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Insert(ctx context.Context, req *computepb.InsertLicenseRequest, opts
...gax.CallOption) (*Operation, error) {
    m := protojson.MarshalOptions{ AllowPartial: true}
    body := req.GetLicenseResource()
    jsonReq, err := m.Marshal(body)
    if err != nil {
        return nil, err
    }

    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses", req.GetProject())

    params := url.Values{ }
    if req != nil && req.RequestId != nil {
        params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
    }

    baseUrl.RawQuery = params.Encode()

    httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
    if
    err != nil {
        return nil, err
    }
}

```

```

httpReq = httpReq.WithContext(ctx)
// Set the headers
for k, v := range c.xGoogMetadata {
    httpReq.Header[k] = v
}
httpReq.Header["Content-Type"] = []string{"application/json"}

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return nil, err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, err
}

unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &compute.Operation{}

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
op := &Operation{proto: rsp}
return op, err
}

// List retrieves the list of licenses available in the specified project. This method does not get any licenses that
// belong to other projects, including licenses attached to publicly-available images, like Debian 9. If you want to get a
// list of publicly-available
// licenses, use this method to make a request to the respective image project, such as debian-cloud or windows-cloud.
// Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) List(ctx context.Context, req *compute.ListLicensesRequest, opts
...gax.CallOption) *LicenseIterator {
    it := &LicenseIterator{}
    req = proto.Clone(req).(*compute.ListLicensesRequest)
    unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
    it.InternalFetch = func(pageSize int, pageToken string) ([]*compute.License, string, error) {
        resp := &compute.LicensesListResponse{}
        if pageToken != "" {
            req.PageToken = proto.String(pageToken)
        }
        if pageSize > math.MaxInt32 {

```

```

req.MaxResults = proto.Uint32(math.MaxInt32)
} else if pageSize != 0 {
req.MaxResults = proto.Uint32(uint32(pageSize))
}
baseUrl, _ := url.Parse(c.endpoint)
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses",
req.GetProject())

params := url.Values{}
if req != nil && req.Filter != nil {
params.Add("filter", fmt.Sprintf("%v", req.GetFilter()))
}
if req != nil && req.MaxResults != nil {
params.Add("maxResults", fmt.Sprintf("%v", req.GetMaxResults()))
}
if req != nil && req.OrderBy != nil {
params.Add("orderBy", fmt.Sprintf("%v", req.GetOrderBy()))
}
if req != nil && req.PageToken != nil {
params.Add("pageToken", fmt.Sprintf("%v", req.GetPageToken()))
}
if req != nil && req.ReturnPartialSuccess != nil {
params.Add("returnPartialSuccess", fmt.Sprintf("%v", req.GetReturnPartialSuccess()))
}

baseUrl.RawQuery = params.Encode()

httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
if err != nil {
return nil, "", err
}

// Set the headers
for k, v := range c.xGoogMetadata {
httpReq.Header[k] = v
}

httpReq.Header["Content-Type"] = []string{"application/json"}
httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
return nil, "", err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
return nil, "", err
}

```

```

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, "", err
}

unm.Unmarshal(buf, resp)
it.Response = resp
return resp.GetItems(), resp.GetNextPageToken(), nil
}

fetch := func(pageSize int, pageToken string) (string, error) {
    items, nextPageToken, err := it.InternalFetch(pageSize, pageToken)
    if err != nil {
        return "", err
    }
    it.items = append(it.items, items...)
    return nextPageToken, nil
}

it.pageInfo, it.nextFunc = iterator.NewPageInfo(fetch, it.bufLen, it.takeBuf)
it.pageInfo.MaxSize = int(req.GetMaxResults())
it.pageInfo.Token = req.GetPageToken()

return it
}

```

// SetIamPolicy sets the access control policy on the specified resource. Replaces any existing policy. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.

```

func (c
    *licensesRESTClient) SetIamPolicy(ctx context.Context, req *computepb.SetIamPolicyLicenseRequest, opts
    ...gax.CallOption) (*computepb.Policy, error) {
    m := protojson.MarshalOptions{AllowPartial: true}
    body := req.GetGlobalSetPolicyRequestResource()
    jsonReq, err := m.Marshal(body)
    if err != nil {
        return nil, err
    }

    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/setIamPolicy", req.GetProject(),
    req.GetResource())

    httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
    if err != nil {
        return nil, err
    }
    httpReq = httpReq.WithContext(ctx)

```

```

// Set the headers
for k, v := range c.xGoogMetadata {
    httpReq.Header[k] = v
}
httpReq.Header["Content-Type"] = []string{"application/json"}

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return nil, err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if
err != nil {
    return nil, err
}

unm := protojson.UnmarshalOptions{ AllowPartial: true, DiscardUnknown: true }
rsp := &computepb.Policy{}

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
return rsp, nil
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseRequest, opts ...gax.CallOption) (*computepb.TestPermissionsResponse,
error) {
    m := protojson.MarshalOptions{ AllowPartial: true }
    body := req.GetTestPermissionsRequestResource()
    jsonReq, err := m.Marshal(body)
    if err != nil {
        return nil, err
    }

    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/testIamPermissions", req.GetProject(),
req.GetResource())

    httpReq,

```

```

err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
if err != nil {
    return nil, err
}
httpReq = httpReq.WithContext(ctx)
// Set the headers
for k, v := range c.xGoogMetadata {
    httpReq.Header[k] = v
}
httpReq.Header["Content-Type"] = []string{"application/json"}

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return nil, err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, err
}

unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.TestPermissionsResponse{}

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
return rsp, nil
}

// LicenseIterator manages a stream of *computepb.License.
type LicenseIterator struct {
    items []*computepb.License
    pageInfo *iterator.PageInfo
    nextFunc func() error

    // Response is
    // the raw response for the current page.
    // It must be cast to the RPC response type.
    // Calling Next() or InternalFetch() updates this value.
    Response interface{}

    // InternalFetch is for use by the Google Cloud Libraries only.

```

```

// It is not part of the stable interface of this package.
//
// InternalFetch returns results from a single call to the underlying RPC.
// The number of results is no greater than pageSize.
// If there are no more results, nextPageToken is empty and err is nil.
InternalFetch func(pageSize int, pageToken string) (results []*computepb.License, nextPageToken string, err error)
}

// PageInfo supports pagination. See the google.golang.org/api/iterator package for details.
func (it *LicenseIterator) PageInfo() *iterator.PageInfo {
    return it.pageInfo
}

// Next returns the next result. Its second return value is iterator.Done if there are no more
// results. Once Next returns Done, all subsequent calls will return Done.
func (it *LicenseIterator) Next() (*computepb.License,
error) {
    var item *computepb.License
    if err := it.nextFunc(); err != nil {
        return item, err
    }
    item = it.items[0]
    it.items = it.items[1:]
    return item, nil
}

func (it *LicenseIterator) bufLen() int {
    return len(it.items)
}

func (it *LicenseIterator) takeBuf() interface{} {
    b := it.items
    it.items = nil
    return b
}

```

1.233 googlecloudgostorage v1.21.0

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1.234 githubcommitchellhmapstructure v1.4.3

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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Any

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DRuntime: Runtime Library for the D Programming Language

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Version 3, 29 June 2007

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1.238 libretls 3.3.4-r3

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1.239 cheekybits/genny v1.0.0

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1.240 github.com/gchaincl/sqlhooks v1.3.0

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1.241 github.com/golang-sql/civil v0.0.0-20190719163853-cb61b32ac6fe

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1.242 go.opentelemetry.io/collector/model v0.31.0

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1.243 github.com/mattetti/filebuffer v1.0.1

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1.244 line-protocol v0.0.0-20210311194329-9aa0e372d097

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1.245 nodeexporter v1.0.0-rc.0.0.20200428091818-01054558c289

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1.246 github.com/robfig/cron/v3 v3.0.1

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1.247 xorm.io/core v0.7.3

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1.248 httpsnoop v1.0.2

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1.249 go-grpc v0.0.0-20210225150812-73cb765af46e

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1.250 xorm.io/builder v0.3.6

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1.251 github.com/vividcortex/mysqlerr v0.0.0-20170204212430-6c6b55f8796f

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1.252 github.com/go-sourcemap/sourcemap v2.1.3+incompatible

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1.253 github.com/grafana/go-mssqldb v0.0.0-20210326084033-d0ce3c521036

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1.254 gopkg.in/ldap.v3 v3.1.0

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1.255 go-kit-kit v0.11.0

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1.256 go-hclog v0.16.1

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1.257 github.com/unknwon/com v1.0.1

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1.258 github.com/fzambia/sentinel v1.1.0

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1.260 github.com/linkedin/goavro/v2 v2.10.0

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1.261 github.com/teris-io/shortid v0.0.0- 20171029131806-771a37caa5cf

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1.262 [google-apis](https://github.com/googleapis/googleapis) v1.4.1

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1.265 go-storage 1.21.0

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1.267 go.opentelemetry.io/otel/sdk v1.6.3

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1.268 logr v1.2.3

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1.269 cors v1.8.2

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1.271 github.com/benbjohnson/clock v1.3.0

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1.272 github.com/grpc-ecosystem/grpc-gateway/v2 v2.7.0

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```

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```
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*/
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```

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*/
```

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```
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// Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124
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uriparser - RFC 3986 URI parsing library

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1.284 groupcache 0.0.0-20210331224755-41bb18bfe9da

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1.285 glob 0.2.3

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1.286 v1-gonum 0.11.0

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1.287 zap 1.9.0

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- c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
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Upstream-Name: libnsl

Upstream-Contact: Thorsten Kukuk <kukuk@thkukuk.de>

Source: <https://github.com/thkukuk/libnsl>

Files: debian/*

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Files: AUTHORS

configure.ac

config.h.in

libnsl.pc.in

Makefile.am

NEWS

README

src/Makefile.am

src/do_ypcall.c

src/internal.h

src/libnsl.map

src/nisplus/nis_error.c

src/taddr2host.c
src/taddr2ipstr.c
src/taddr2port.c
src/yp_first.c
src/yp_get_default_domain.c
src/yp_maplist.c
src/yp_master.c
src/yp_match.c
src/yp_next.c
src/yp_order.c
src/ypbinderr_string.c
src/yperr_string.c
src/ypprot_err.c

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Files: src/libc-lock.h

src/nisplus/nis_add.c
src/nisplus/nis_addmember.c
src/nisplus/nis_call.c
src/nisplus/nis_callback.c
src/nisplus/nis_checkpoint.c
src/nisplus/nis_clone_dir.c
src/nisplus/nis_clone_obj.c
src/nisplus/nis_clone_res.c
src/nisplus/nis_creategroup.c
src/nisplus/nis_defaults.c
src/nisplus/nis_destroygroup.c
src/nisplus/nis_domain_of.c
src/nisplus/nis_domain_of_r.c
src/nisplus/nis_file.c
src/nisplus/nis_findserv.c
src/nisplus/nis_free.c
src/nisplus/nis_getservlist.c
src/nisplus/nis_hash.c
src/nisplus/nis_intern.h
src/nisplus/nis_ismember.c
src/nisplus/nis_local_names.c
src/nisplus/nis_lookup.c
src/nisplus/nis_mkdir.c
src/nisplus/nis_modify.c
src/nisplus/nis_ping.c
src/nisplus/nis_print.c
src/nisplus/nis_print_group_entry.c
src/nisplus/nis_remove.c
src/nisplus/nis_removemember.c
src/nisplus/nis_rmdir.c
src/nisplus/nis_server.c

src/nisplus/nis_subr.c
src/nisplus/nis_table.c
src/nisplus/nis_util.c
src/nisplus/nis_verifygroup.c
src/nisplus/nis_xdr.c
src/nisplus/nis_xdr.h
src/rpcsvc/nislib.h
src/rpcsvc/ypclnt.h

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Files: src/rpcsvc/nis_callback.h

src/rpcsvc/nis_callback.x
src/rpcsvc/nis_object.x
src/rpcsvc/nis_tags.h
src/rpcsvc/nis.h
src/rpcsvc/nis.x
src/rpcsvc/yp.h
src/rpcsvc/yp.x
src/rpcsvc/yp_prot.h
src/rpcsvc/yppasswd.h
src/rpcsvc/yppasswd.x
src/rpcsvc/ypupd.h
src/yp_xdr.c

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src/Makefile.in

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config.guess

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Files: compile

depcomp

missing

test-driver

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Files: ltmain.sh

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Files: config.rpath

m4/gettext.m4

m4/host-cpu-c-abi.m4

m4/iconv.m4

m4/intlmacosx.m4

m4/lib-ld.m4

m4/lib-link.m4

m4/lib-prefix.m4

m4/libtool.m4

m4/ltoptions.m4

m4/ltsugar.m4

m4/ltversion.m4

m4/lt~obsolete.m4

m4/nls.m4

m4/po.m4

m4/progtest.m4

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Files: ABOUT-NLS

po/Makefile.in.in

po/Makevars

po/POTFILES.in

po/Rules-quot

po/boldquot.sed

po/en@boldquot.header

po/en@quot.header

po/insert-header.sin

po/libnsl.pot

po/quot.sed

po/remove-potcdate.sin

po/stamp-po

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1.289 gonum-lapack v0.11.0

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1.290 gonum-matrix v0.11.0

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1.291 google-go-cmp 0.5.8

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1.292 google-api-go-client 0.74.0

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1.293 proto-otlp 0.15.0

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1.294 otel-sdk 1.6.3

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*/
(By Douglas Crockford <douglas@crockford.com>)
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```
// ISO C9x compliantstdint.h for Microsoft Visual Studio
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//
```

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1.295 otel-trace 1.6.3

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```
/*
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*/
(By Douglas Crockford <douglas@crockford.com>)
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```

*/

For lib/py/compat/win32/stdint.h

```
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// Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124
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1.296 grpc-gateway 2.7.0

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lib/erl/src/Makefile.am

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For the aclocal/ax_boost_base.m4 and contrib/fb303/aclocal/ax_boost_base.m4 components:

```
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```

For the lib/nodejs/lib/thrift/json_parse.js:

```
/*
  json_parse.js
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*/
(By Douglas Crockford <douglas@crockford.com>)
```

For lib/cpp/src/thrift/windows/SocketPair.cpp

```
/* socketpair.c
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 */
```

For lib/py/compat/win32/stdint.h

```
// ISO C9x compliantstdint.h for Microsoft Visual Studio
// Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124
//
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//
//
//////////////////////////////////////////////////////////////////
```

Codegen template

in t_html_generator.h

* Bootstrap v2.0.3

*

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*

* Designed and built with all the love in the world @twitter by @mdo and @fat.

For t_cl_generator.cc

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1.298 otel-exporters-otlp-internal-retry 1.6.3

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```
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#
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```

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```
/*
  json_parse.js
  2015-05-02
  Public Domain.
  NO WARRANTY EXPRESSED OR IMPLIED. USE AT YOUR OWN RISK.

*/
(By Douglas Crockford <douglas@crockford.com>)
```

For lib/cpp/src/thrift/windows/SocketPair.cpp

```
/* socketpair.c
 * Copyright 2007 by Nathan C. Myers <ncm@cantrip.org>; some rights reserved.
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 * be retained, unchanged, in its entirety. If
 * for any reason the author might be held responsible for any consequences
 * of copying or use, license is withheld.
 */
```

For lib/py/compat/win32/stdint.h

```
// ISO C9x compliantstdint.h for Microsoft Visual Studio
// Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124
//
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//
////////////////////////////////////
```

Codegen template

in t_html_generator.h

```
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*
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* http://www.apache.org/licenses/LICENSE-2.0
*
* Designed and built with all the love in the world @twitter by @mdo and @fat.
```

For t_cl_generator.cc

```
* Copyright (c) 2008- Patrick Collison <patrick@collison.ie>
* Copyright (c) 2006- Facebook
```

1.299 otel-exporters-otlp-otlptrace-otlptracegrpc 1.6.3

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```

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```
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//
//////////////////////////////////////////////////////////////////
```

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```
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1.300 go-openapi-jsonreference 0.20.0

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1.303 google-go-cmp v0.5.8

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1.304 google-cloud-go 0.100.2

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```

```

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package compute_test

import (
    "context"

    compute "cloud.google.com/go/compute/apiv1"
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
)

func ExampleNewLicenseCodesRESTClient() {
    ctx := context.Background()
    c, err := compute.NewLicenseCodesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    // TODO: Use
    client.
    _ = c
}

func ExampleLicenseCodesClient_Get() {
    ctx := context.Background()
    c, err := compute.NewLicenseCodesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.GetLicenseCodeRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetLicenseCodeRequest.
    }
    resp, err := c.Get(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}

func ExampleLicenseCodesClient_TestIamPermissions() {

```

```

ctx := context.Background()
c, err := compute.NewLicenseCodesRESTClient(ctx)
if err != nil {
    // TODO: Handle error.
}
defer c.Close()

req := &compute.TestIamPermissionsLicenseCodeRequest{
    // TODO: Fill request struct fields.
    // See
    https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#TestIamPermissionsLicenseCodeRequest.
}
resp, err := c.TestIamPermissions(ctx, req)
if err != nil {
    // TODO: Handle error.
}
//
// TODO: Use resp.
_ = resp
}

```

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```
package compute_test
```

```
import (  
    "context"
```

```
    compute "cloud.google.com/go/compute/apiv1"  
    "google.golang.org/api/iterator"  
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"  
)
```

```
func ExampleNewLicensesRESTClient() {  
    ctx := context.Background()  
    c, err := compute.NewLicensesRESTClient(ctx)
```

```

if err != nil {
    // TODO: Handle error.
}
defer
c.Close()

// TODO: Use client.
_ = c
}

func ExampleLicensesClient_Delete() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.DeleteLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#DeleteLicenseRequest.
    }
    resp, err := c.Delete(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}

func ExampleLicensesClient_Get() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.GetLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetLicenseRequest.
    }
    resp, err := c.Get(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}

```

```

}

func ExampleLicensesClient_GetIamPolicy()
{
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.GetIamPolicyLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetIamPolicyLicenseRequest.
    }
    resp, err := c.GetIamPolicy(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}

func ExampleLicensesClient_Insert() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.InsertLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#InsertLicenseRequest.
    }
    resp, err := c.Insert(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}

func ExampleLicensesClient_List() {
    ctx :=
    context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {

```

```

// TODO: Handle error.
}
defer c.Close()

req := &computepb.ListLicensesRequest{
// TODO: Fill request struct fields.
// See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#ListLicensesRequest.
}
it := c.List(ctx, req)
for {
resp, err := it.Next()
if err == iterator.Done {
break
}
if err != nil {
// TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}
}

func ExampleLicensesClient_SetIamPolicy() {
ctx := context.Background()
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
// TODO: Handle error.
}
defer c.Close()

req := &computepb.SetIamPolicyLicenseRequest{
// TODO: Fill request struct fields.
// See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#SetIamPolicyLicenseRequest.
}
resp, err := c.SetIamPolicy(ctx, req)
if err != nil {
// TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}

func
ExampleLicensesClient_TestIamPermissions() {
ctx := context.Background()
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
// TODO: Handle error.
}
}

```

```

}
defer c.Close()

req := &computepb.TestIamPermissionsLicenseRequest{
    // TODO: Fill request struct fields.
    // See
    https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#TestIamPermissionsLicenseRequest.
}
resp, err := c.TestIamPermissions(ctx, req)
if err != nil {
    // TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}
// Copyright 2021 Google LLC
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// WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
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// limitations under the License.

// Code generated by protoc-gen-go_gapic. DO NOT EDIT.

package compute

import (
    "bytes"
    "context"
    "fmt"
    "io/ioutil"
    "net/http"
    "net/url"

    gax "github.com/googleapis/gax-go/v2"
    "google.golang.org/api/googleapi"
    "google.golang.org/api/option"
    "google.golang.org/api/option/internaloption"
    httptransport "google.golang.org/api/transport/http"
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
    "google.golang.org/grpc"

```

```

"google.golang.org/grpc/metadata"
"google.golang.org/protobuf/encoding/protojson"
)

var
newLicenseCodesClientHook clientHook

// LicenseCodesCallOptions contains the retry settings for each method of LicenseCodesClient.
type LicenseCodesCallOptions struct {
    Get []gax.CallOption
    TestIamPermissions []gax.CallOption
}

// internalLicenseCodesClient is an interface that defines the methods available from Google Compute Engine API.
type internalLicenseCodesClient interface {
    Close() error
    setGoogleClientInfo(...string)
    Connection() *grpc.ClientConn
    Get(context.Context, *computepb.GetLicenseCodeRequest, ...gax.CallOption) (*computepb.LicenseCode, error)
    TestIamPermissions(context.Context, *computepb.TestIamPermissionsLicenseCodeRequest, ...gax.CallOption)
    (*computepb.TestPermissionsResponse, error)
}

// LicenseCodesClient is a client for interacting with Google Compute Engine API.
// Methods, except Close, may be called concurrently.
// However, fields must not be modified concurrently with method calls.
//
// The LicenseCodes API.
type LicenseCodesClient struct {
    // The internal transport-dependent client.
    internalClient internalLicenseCodesClient

    // The call options for this service.
    CallOptions *LicenseCodesCallOptions
}

// Wrapper methods routed to the internal client.

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *LicenseCodesClient) Close() error {
    return c.internalClient.Close()
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *LicenseCodesClient) setGoogleClientInfo(keyval ...string) {

```

```

c.internalClient.setGoogleClientInfo(keyval...)
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *LicenseCodesClient) Connection() *grpc.ClientConn {
    return c.internalClient.Connection()
}

//
// Get return a specified license code. License codes are mirrored across all projects that have permissions to read the
// License Code. Caution This resource is intended for use only by third-party partners who are creating Cloud
// Marketplace images.
func (c *LicenseCodesClient) Get(ctx context.Context, req *computepb.GetLicenseCodeRequest, opts
...gax.CallOption) (*computepb.LicenseCode, error) {
    return c.internalClient.Get(ctx, req, opts...)
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
// intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicenseCodesClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {
    return c.internalClient.TestIamPermissions(ctx, req, opts...)
}

// Methods, except Close, may be called concurrently. However,
// fields must not be modified concurrently with method calls.
type licenseCodesRESTClient struct {
    // The http endpoint to connect to.
    endpoint string

    // The http client.
    httpClient *http.Client

    // The x-goog-* metadata to be sent with each request.
    xGoogMetadata metadata.MD
}

// NewLicenseCodesRESTClient creates a new license codes rest client.
//
// The LicenseCodes API.
func NewLicenseCodesRESTClient(ctx context.Context, opts ...option.ClientOption) (*LicenseCodesClient, error) {
    clientOpts := append(defaultLicenseCodesRESTClientOptions(), opts...)
    httpClient, endpoint, err := httptransport.NewClient(ctx, clientOpts...)
    if err != nil {
        return nil, err
    }
}

```

```

}

c := &licenseCodesRESTClient{
    endpoint: endpoint,
    httpClient: httpClient,
}
c.setGoogleClientInfo()

return &LicenseCodesClient{internalClient: c, CallOptions: &LicenseCodesCallOptions{}}, nil
}

func defaultLicenseCodesRESTClientOptions() []option.ClientOption {
return []option.ClientOption{
    internaloption.WithDefaultEndpoint("https://compute.googleapis.com"),
    internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
    internaloption.WithDefaultAudience("https://compute.googleapis.com/"),
    internaloption.WithDefaultScopes(DefaultAuthScopes()),
}
}

//
// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *licenseCodesRESTClient) setGoogleClientInfo(keyval ...string) {
kv := append([]string{"gl-go", versionGo()}, keyval...)
kv = append(kv, "gopic", versionClient, "gax", gax.Version, "rest", "UNKNOWN")
c.xGoogMetadata = metadata.Pairs("x-goog-api-client", gax.XGoogHeader(kv...))
}

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *licenseCodesRESTClient) Close() error {
// Replace httpClient with nil to force cleanup.
c.httpClient = nil
return nil
}

//
// Connection returns a connection to the API service.
//
// Deprecated.
func (c *licenseCodesRESTClient) Connection() *grpc.ClientConn {
return nil
}

// Get return a specified license code. License codes are mirrored across all projects that have permissions to read the
License Code. Caution This resource is intended for use only by third-party partners who are creating Cloud

```

Marketplace images.

```
func (c *licenseCodesRESTClient) Get(ctx context.Context, req *computepb.GetLicenseCodeRequest, opts
...gax.CallOption) (*computepb.LicenseCode, error) {
    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v", req.GetProject(),
req.GetLicenseCode())
```

```
    httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
    if err != nil {
        return nil, err
    }
    httpReq = httpReq.WithContext(ctx)
    // Set the headers
    for k, v := range c.xGoogMetadata {
        httpReq.Header[k] = v
    }
    httpReq.Header["Content-Type"] = []string{"application/json"}
```

```
    httpRsp,
    err := c.httpClient.Do(httpReq)
    if err != nil {
        return nil, err
    }
    defer httpRsp.Body.Close()
```

```
    if err = googleapi.CheckResponse(httpRsp); err != nil {
        return nil, err
    }
```

```
    buf, err := ioutil.ReadAll(httpRsp.Body)
    if err != nil {
        return nil, err
    }
```

```
    unmarshalOptions := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
    rsp := &computepb.LicenseCode{}
```

```
    if err := unmarshalOptions.Unmarshal(buf, rsp); err != nil {
        return nil, maybeUnknownEnum(err)
    }
    return rsp, nil
}
```

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.

```
func (c *licenseCodesRESTClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {
```

```

m := protojson.MarshalOptions{ AllowPartial: true }
body := req.GetTestPermissionsRequestResource()
jsonReq, err := m.Marshal(body)
if
err != nil {
return nil, err
}

baseUrl, _ := url.Parse(c.endpoint)
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v/testIamPermissions",
req.GetProject(), req.GetResource())

httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
if err != nil {
return nil, err
}
httpReq = httpReq.WithContext(ctx)
// Set the headers
for k, v := range c.xGoogMetadata {
httpReq.Header[k] = v
}
httpReq.Header["Content-Type"] = []string{"application/json"}

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
return nil, err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
return nil, err
}

unm := protojson.UnmarshalOptions{ AllowPartial: true, DiscardUnknown: true }
rsp := &computepb.TestPermissionsResponse{ }

if err := unm.Unmarshal(buf, rsp); err != nil {
return nil, maybeUnknownEnum(err)
}
return
rsp, nil
}

```

```
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//
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// you may not use this file except in compliance with the License.
// You may obtain a copy of the License at
//
// https://www.apache.org/licenses/LICENSE-2.0
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// distributed under the License is distributed on an "AS IS" BASIS,
// WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
// See the License for the specific language governing permissions and
// limitations under the License.
```

```
// Code generated by protoc-gen-go_gapic. DO NOT EDIT.
```

```
package compute
```

```
import (
    "bytes"
    "context"
    "fmt"
    "io/ioutil"
    "math"
    "net/http"
    "net/url"

    gax "github.com/googleapis/gax-go/v2"
    "google.golang.org/api/googleapi"
    "google.golang.org/api/iterator"
    "google.golang.org/api/option"
    "google.golang.org/api/option/internaloption"
    httptransport "google.golang.org/api/transport/http"
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
    "google.golang.org/grpc"
    "google.golang.org/grpc/metadata"
    "google.golang.org/protobuf/encoding/protojson"
    "google.golang.org/protobuf/proto"
)
```

```
var
```

```
newLicensesClientHook clientHook
```

```
// LicensesCallOptions contains the retry settings for each method of LicensesClient.
```

```
type LicensesCallOptions struct {
    Delete      []gax.CallOption
    Get         []gax.CallOption
    GetIamPolicy []gax.CallOption
}
```

```

Insert      []gax.CallOption
List        []gax.CallOption
SetIamPolicy []gax.CallOption
TestIamPermissions []gax.CallOption
}

// internalLicensesClient is an interface that defines the methods available from Google Compute Engine API.
type internalLicensesClient interface {
    Close() error
    setGoogleClientInfo(...string)
    Connection() *grpc.ClientConn
    Delete(context.Context, *computepb.DeleteLicenseRequest, ...gax.CallOption) (*Operation, error)
    Get(context.Context, *computepb.GetLicenseRequest, ...gax.CallOption)
    (*computepb.License, error)
    GetIamPolicy(context.Context, *computepb.GetIamPolicyLicenseRequest, ...gax.CallOption) (*computepb.Policy,
    error)
    Insert(context.Context, *computepb.InsertLicenseRequest, ...gax.CallOption) (*Operation, error)
    List(context.Context, *computepb.ListLicensesRequest, ...gax.CallOption) *LicenseIterator
    SetIamPolicy(context.Context, *computepb.SetIamPolicyLicenseRequest, ...gax.CallOption) (*computepb.Policy,
    error)
    TestIamPermissions(context.Context, *computepb.TestIamPermissionsLicenseRequest, ...gax.CallOption)
    (*computepb.TestPermissionsResponse, error)
}

// LicensesClient is a client for interacting with Google Compute Engine API.
// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
// method calls.
//
// The Licenses API.
type LicensesClient struct {
    // The internal transport-dependent client.
    internalClient internalLicensesClient

    // The call options for this service.
    CallOptions
    *LicensesCallOptions
}

// Wrapper methods routed to the internal client.

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *LicensesClient) Close() error {
    return c.internalClient.Close()
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for

```

```

// use by Google-written clients.
func (c *LicensesClient) setGoogleClientInfo(keyval ...string) {
    c.internalClient.setGoogleClientInfo(keyval...)
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *LicensesClient) Connection() *grpc.ClientConn {
    return c.internalClient.Connection()
}

// Delete deletes the specified license. Caution This resource is intended for use only by third-party partners who are
// creating Cloud Marketplace images.
func (c *LicensesClient) Delete(ctx context.Context, req *computepb.DeleteLicenseRequest, opts ...gax.CallOption)
(*Operation, error) {
    return c.internalClient.Delete(ctx, req, opts...)
}

// Get returns the specified License resource. Caution This resource is intended for use only by third-party partners
// who are creating Cloud Marketplace images.
func (c *LicensesClient) Get(ctx context.Context, req *computepb.GetLicenseRequest, opts ...gax.CallOption)
(*computepb.License, error) {
    return c.internalClient.Get(ctx, req, opts...)
}

// GetIamPolicy gets the access control policy for a resource. May be empty if no such policy or resource exists.
// Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) GetIamPolicy(ctx context.Context, req *computepb.GetIamPolicyLicenseRequest, opts
...gax.CallOption) (*computepb.Policy, error) {
    return c.internalClient.GetIamPolicy(ctx, req, opts...)
}

// Insert create a License resource in the specified project. Caution This resource is intended for use only by third-
// party
// partners who are creating Cloud Marketplace images.
func (c *LicensesClient) Insert(ctx context.Context, req *computepb.InsertLicenseRequest, opts ...gax.CallOption)
(*Operation, error) {
    return c.internalClient.Insert(ctx, req, opts...)
}

// List retrieves the list of licenses available in the specified project. This method does not get any licenses that
// belong to other projects, including licenses attached to publicly-available images, like Debian 9. If you want to get a
// list of publicly-available licenses, use this method to make a request to the respective image project, such as debian-
// cloud or windows-cloud. Caution This resource is intended for use only by third-party partners who are creating
// Cloud Marketplace images.
func (c *LicensesClient) List(ctx context.Context, req *computepb.ListLicensesRequest, opts ...gax.CallOption)
*LicenseIterator {

```

```

return c.internalClient.List(ctx, req, opts...)
}

// SetIamPolicy sets the access control policy on the specified resource. Replaces
any existing policy. Caution This resource is intended for use only by third-party partners who are creating Cloud
Marketplace images.
func (c *LicensesClient) SetIamPolicy(ctx context.Context, req *computepb.SetIamPolicyLicenseRequest, opts
...gax.CallOption) (*computepb.Policy, error) {
return c.internalClient.SetIamPolicy(ctx, req, opts...)
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseRequest, opts ...gax.CallOption) (*computepb.TestPermissionsResponse,
error) {
return c.internalClient.TestIamPermissions(ctx, req, opts...)
}

// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
method calls.
type licensesRESTClient struct {
// The http endpoint to connect to.
endpoint
string

// The http client.
httpClient *http.Client

// The x-goog-* metadata to be sent with each request.
xGoogMetadata metadata.MD
}

// NewLicensesRESTClient creates a new licenses rest client.
//
// The Licenses API.
func NewLicensesRESTClient(ctx context.Context, opts ...option.ClientOption) (*LicensesClient, error) {
clientOpts := append(defaultLicensesRESTClientOptions(), opts...)
httpClient, endpoint, err := httptransport.NewClient(ctx, clientOpts...)
if err != nil {
return nil, err
}

c := &licensesRESTClient{
endpoint: endpoint,
httpClient: httpClient,
}
c.setGoogleClientInfo()

```

```

return &LicensesClient{internalClient: c, CallOptions: &LicensesCallOptions{}}, nil
}

func defaultLicensesRESTClientOptions() []option.ClientOption {
return []option.ClientOption{
internaloption.WithDefaultEndpoint("https://compute.googleapis.com"),
internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
internaloption.WithDefaultAudience("https://compute.googleapis.com/"),
internaloption.WithDefaultScopes(DefaultAuthScopes()...),
}
}

//
setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *licensesRESTClient) setGoogleClientInfo(keyval ...string) {
kv := append([]string{"gl-go", versionGo()}, keyval...)
kv = append(kv, "gopic", versionClient, "gax", gax.Version, "rest", "UNKNOWN")
c.xGoogMetadata = metadata.Pairs("x-goog-api-client", gax.XGoogHeader(kv...))
}

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *licensesRESTClient) Close() error {
// Replace httpClient with nil to force cleanup.
c.httpClient = nil
return nil
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *licensesRESTClient) Connection() *grpc.ClientConn {
return nil
}

// Delete deletes the specified license.
Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Delete(ctx context.Context, req *computepb.DeleteLicenseRequest, opts
...gax.CallOption) (*Operation, error) {
baseUrl, _ := url.Parse(c.endpoint)
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v", req.GetProject(), req.GetLicense())

params := url.Values{ }
if req != nil && req.RequestId != nil {
params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
}
}

```

```

}

baseUrl.RawQuery = params.Encode()

httpReq, err := http.NewRequest("DELETE", baseUrl.String(), nil)
if err != nil {
    return nil, err
}
httpReq = httpReq.WithContext(ctx)
// Set the headers
for k, v := range c.xGoogMetadata {
    httpReq.Header[k] = v
}
httpReq.Header["Content-Type"] = []string{"application/json"}

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return nil, err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp);
err != nil {
    return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, err
}

unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.Operation{ }

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
op := &Operation{proto: rsp}
return op, err
}

// Get returns the specified License resource. Caution This resource is intended for use only by third-party partners
// who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Get(ctx context.Context, req *computepb.GetLicenseRequest, opts ...gax.CallOption)
(*computepb.License, error) {
    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v", req.GetProject(), req.GetLicense())

```

```

httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
if err != nil {
    return nil, err
}
httpReq = httpReq.WithContext(ctx)
// Set the headers
for k, v
:= range c.xGoogMetadata {
    httpReq.Header[k] = v
}
httpReq.Header["Content-Type"] = []string{"application/json"}

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return nil, err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, err
}

unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.License{}

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
return rsp, nil
}

// GetIamPolicy gets the access control policy for a resource. May be empty if no such policy or resource exists.
Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) GetIamPolicy(ctx context.Context, req *computepb.GetIamPolicyLicenseRequest,
opts ...gax.CallOption) (*computepb.Policy, error) {
    baseUrl, _
:= url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/getIamPolicy", req.GetProject(),
req.GetResource())

    params := url.Values{}
    if req != nil && req.OptionsRequestedPolicyVersion != nil {
        params.Add("optionsRequestedPolicyVersion", fmt.Sprintf("%v", req.GetOptionsRequestedPolicyVersion()))
    }
}

```

```

}

baseUrl.RawQuery = params.Encode()

httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
if err != nil {
    return nil, err
}
httpReq = httpReq.WithContext(ctx)
// Set the headers
for k, v := range c.xGoogMetadata {
    httpReq.Header[k] = v
}
httpReq.Header["Content-Type"] = []string{"application/json"}

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return nil, err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, err
}

unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown:
true}
rsp := &computepb.Policy{ }

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
return rsp, nil
}

// Insert create a License resource in the specified project. Caution This resource is intended for use only by third-
party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Insert(ctx context.Context, req *computepb.InsertLicenseRequest, opts
...gax.CallOption) (*Operation, error) {
    m := protojson.MarshalOptions{AllowPartial: true}
    body := req.GetLicenseResource()
    jsonReq, err := m.Marshal(body)
    if err != nil {

```

```

return nil, err
}

baseUrl, _ := url.Parse(c.endpoint)
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses", req.GetProject())

params := url.Values{ }
if req != nil && req.RequestId != nil {
    params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
}

baseUrl.RawQuery = params.Encode()

httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
if
err != nil {
    return nil, err
}
httpReq = httpReq.WithContext(ctx)
// Set the headers
for k, v := range c.xGoogMetadata {
    httpReq.Header[k] = v
}
httpReq.Header["Content-Type"] = []string{"application/json"}

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return nil, err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return nil, err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, err
}

unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &compute.Operation{ }

if err := unm.Unmarshal(buf, rsp); err != nil {
    return nil, maybeUnknownEnum(err)
}
op := &Operation{proto: rsp}
return op, err

```

```

}

// List retrieves the list of licenses available in the specified project. This method does not get any licenses that
// belong to other projects, including licenses attached to publicly-available images, like Debian 9. If you want to get a
// list of publicly-available
// licenses, use this method to make a request to the respective image project, such as debian-cloud or windows-cloud.
// Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) List(ctx context.Context, req *computepb.ListLicensesRequest, opts
...gax.CallOption) *LicenseIterator {
    it := &LicenseIterator{}
    req = proto.Clone(req).(*computepb.ListLicensesRequest)
    unmarshalOptions := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
    it.InternalFetch = func(pageSize int, pageToken string) ([]*computepb.License, string, error) {
        resp := &computepb.LicensesListResponse{}
        if pageToken != "" {
            req.PageToken = proto.String(pageToken)
        }
        if pageSize > math.MaxInt32 {
            req.MaxResults = proto.Uint32(math.MaxInt32)
        } else if pageSize != 0 {
            req.MaxResults = proto.Uint32(uint32(pageSize))
        }
        baseUrl, _ := url.Parse(c.endpoint)
        baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses",
req.GetProject())

        params := url.Values{}
        if req != nil && req.Filter != nil {
            params.Add("filter", fmt.Sprintf("%v", req.GetFilter()))
        }
        if req != nil && req.MaxResults != nil {
            params.Add("maxResults", fmt.Sprintf("%v", req.GetMaxResults()))
        }
        if req != nil && req.OrderBy != nil {
            params.Add("orderBy", fmt.Sprintf("%v", req.GetOrderBy()))
        }
        if req != nil && req.PageToken != nil {
            params.Add("pageToken", fmt.Sprintf("%v", req.GetPageToken()))
        }
        if req != nil && req.ReturnPartialSuccess != nil {
            params.Add("returnPartialSuccess", fmt.Sprintf("%v", req.GetReturnPartialSuccess()))
        }

        baseUrl.RawQuery = params.Encode()

        httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
        if err != nil {
            return nil, "", err

```

```

}

// Set the headers
for k, v := range c.xGoogMetadata {
    httpReq.Header[k] = v
}

httpReq.Header["Content-Type"] = []string{"application/json"}
httpRsp, err := c.httpClient.Do(httpReq)
if err !=
nil {
    return nil, "", err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return nil, "", err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return nil, "", err
}

unm.Unmarshal(buf, resp)
it.Response = resp
return resp.GetItems(), resp.GetNextPageToken(), nil
}

fetch := func(pageSize int, pageToken string) (string, error) {
    items, nextPageToken, err := it.InternalFetch(pageSize, pageToken)
    if err != nil {
        return "", err
    }
    it.items = append(it.items, items...)
    return nextPageToken, nil
}

it.pageInfo, it.nextFunc = iterator.NewPageInfo(fetch, it.bufLen, it.takeBuf)
it.pageInfo.MaxSize = int(req.GetMaxResults())
it.pageInfo.Token = req.GetPageToken()

return it
}

// SetIamPolicy sets the access control policy on the specified resource. Replaces any existing policy. Caution This
resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c

```

```

*licensesRESTClient) SetIamPolicy(ctx context.Context, req *computepb.SetIamPolicyLicenseRequest, opts
...gax.CallOption) (*computepb.Policy, error) {
    m := protojson.MarshalOptions{ AllowPartial: true }
    body := req.GetGlobalSetPolicyRequestResource()
    jsonReq, err := m.Marshal(body)
    if err != nil {
        return nil, err
    }

    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/setIamPolicy", req.GetProject(),
req.GetResource())

    httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
    if err != nil {
        return nil, err
    }
    httpReq = httpReq.WithContext(ctx)
    // Set the headers
    for k, v := range c.xGoogMetadata {
        httpReq.Header[k] = v
    }
    httpReq.Header["Content-Type"] = []string{"application/json"}

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return nil, err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp); err != nil {
        return nil, err
    }

    buf, err := ioutil.ReadAll(httpRsp.Body)
    if
err != nil {
        return nil, err
    }

    unmarshalOptions := protojson.UnmarshalOptions{ AllowPartial: true, DiscardUnknown: true }
    rsp := &computepb.Policy{}

    if err := unmarshalOptions.Unmarshal(buf, rsp); err != nil {
        return nil, maybeUnknownEnum(err)
    }
    return rsp, nil
}

```

```

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseRequest, opts ...gax.CallOption) (*computepb.TestPermissionsResponse,
error) {
    m := protojson.MarshalOptions{ AllowPartial: true }
    body := req.GetTestPermissionsRequestResource()
    jsonReq, err := m.Marshal(body)
    if err != nil {
        return nil, err
    }

    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/testIamPermissions", req.GetProject(),
req.GetResource())

    httpReq,
err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
    if err != nil {
        return nil, err
    }
    httpReq = httpReq.WithContext(ctx)
    // Set the headers
    for k, v := range c.xGoogMetadata {
        httpReq.Header[k] = v
    }
    httpReq.Header["Content-Type"] = []string{"application/json"}

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return nil, err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp); err != nil {
        return nil, err
    }

    buf, err := ioutil.ReadAll(httpRsp.Body)
    if err != nil {
        return nil, err
    }

    unmarshalOptions := protojson.UnmarshalOptions{ AllowPartial: true, DiscardUnknown: true }
    rsp := &computepb.TestPermissionsResponse{}

    if err := unmarshalOptions.Unmarshal(buf, rsp); err != nil {

```

```

    return nil, maybeUnknownEnum(err)
}
return rsp, nil
}

// LicenseIterator manages a stream of *computepb.License.
type LicenseIterator struct {
    items []*computepb.License
    pageInfo *iterator.PageInfo
    nextFunc func() error

    // Response is
    // the raw response for the current page.
    // It must be cast to the RPC response type.
    // Calling Next() or InternalFetch() updates this value.
    Response interface{}

    // InternalFetch is for use by the Google Cloud Libraries only.
    // It is not part of the stable interface of this package.
    //
    // InternalFetch returns results from a single call to the underlying RPC.
    // The number of results is no greater than pageSize.
    // If there are no more results, nextPageToken is empty and err is nil.
    InternalFetch func(pageSize int, pageToken string) (results []*computepb.License, nextPageToken string, err error)
}

// PageInfo supports pagination. See the google.golang.org/api/iterator package for details.
func (it *LicenseIterator) PageInfo() *iterator.PageInfo {
    return it.pageInfo
}

// Next returns the next result. Its second return value is iterator.Done if there are no more
// results. Once Next returns Done, all subsequent calls will return Done.
func (it *LicenseIterator) Next() (*computepb.License,
error) {
    var item *computepb.License
    if err := it.nextFunc(); err != nil {
        return item, err
    }
    item = it.items[0]
    it.items = it.items[1:]
    return item, nil
}

func (it *LicenseIterator) bufLen() int {
    return len(it.items)
}

```

```
func (it *LicenseIterator) takeBuf() interface{} {  
    b := it.items  
    it.items = nil  
    return b  
}
```

1.305 go-proxy 0.0.0-20220115173737- adb46da277ac

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1.306 vectordotdev-go-datemath 0.1.1- 0.20220323213446-f3954d0b18ae

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1.307 chromedp-cdproto 0.0.0-20220208224320-6efb837e6bc2

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1.308 getkin-kin-openapi 0.94.0

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1.309 azuread-microsoft-authentication-library-for-go 0.4.0

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1.310 azure-sdk-for-go 59.3.0+incompatible

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1.311 go-kit-log 0.2.1

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1.312 libc-utils 0.7.2-r3

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1.313 x-sys 0.0.0-20220615213510-4f61da869c0c

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1.314 objx 0.4.0

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1.317 x-xerrors 0.0.0-20220411194840-2f41105eb62f

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1.318 testify 1.8.0

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1.319 stretchr-objx v0.4.0

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1.320 go-compute 1.5.0

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```

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package compute_test

import (
    "context"

    compute "cloud.google.com/go/compute/apiv1"
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
)

func ExampleNewLicenseCodesRESTClient() {
    ctx := context.Background()
    c, err := compute.NewLicenseCodesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    // TODO: Use
    client.
    _ = c
}

func ExampleLicenseCodesClient_Get() {
    ctx := context.Background()
    c, err := compute.NewLicenseCodesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.GetLicenseCodeRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetLicenseCodeRequest.
    }
    resp, err := c.Get(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}

func ExampleLicenseCodesClient_TestIamPermissions() {
    ctx := context.Background()

```

```

c, err := compute.NewLicenseCodesRESTClient(ctx)
if err != nil {
    // TODO: Handle error.
}
defer c.Close()

req := &computepb.TestIamPermissionsLicenseCodeRequest{
    // TODO: Fill request struct fields.
    // See
https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#TestIamPermissionsLicenseCodeRequest.
}
resp, err := c.TestIamPermissions(ctx, req)
if err != nil {
    // TODO: Handle error.
}
//
// TODO: Use resp.
_ = resp
}
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package compute

import (
    "bytes"
    "context"
    "fmt"
    "io/ioutil"
    "net/http"
    "net/url"

    gax "github.com/googleapis/gax-go/v2"
    "google.golang.org/api/googleapi"

```

```

"google.golang.org/api/option"
"google.golang.org/api/option/internaloption"
httptransport "google.golang.org/api/transport/http"
computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
"google.golang.org/grpc"
"google.golang.org/grpc/metadata"
"google.golang.org/protobuf/encoding/protojson"
)

var
newLicenseCodesClientHook clientHook

// LicenseCodesCallOptions contains the retry settings for each method of LicenseCodesClient.
type LicenseCodesCallOptions struct {
    Get []gax.CallOption
    TestIamPermissions []gax.CallOption
}

// internalLicenseCodesClient is an interface that defines the methods available from Google Compute Engine API.
type internalLicenseCodesClient interface {
    Close() error
    setGoogleClientInfo(...string)
    Connection() *grpc.ClientConn
    Get(context.Context, *computepb.GetLicenseCodeRequest, ...gax.CallOption) (*computepb.LicenseCode, error)
    TestIamPermissions(context.Context, *computepb.TestIamPermissionsLicenseCodeRequest, ...gax.CallOption)
    (*computepb.TestPermissionsResponse, error)
}

// LicenseCodesClient is a client for interacting with Google Compute Engine API.
// Methods, except Close, may be called concurrently.
// However, fields must not be modified concurrently with method calls.
//
// The LicenseCodes API.
type LicenseCodesClient struct {
    // The internal transport-dependent client.
    internalClient internalLicenseCodesClient

    // The call options for this service.
    CallOptions *LicenseCodesCallOptions
}

// Wrapper methods routed to the internal client.

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *LicenseCodesClient) Close() error {
    return c.internalClient.Close()
}

```

```

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *LicenseCodesClient) setGoogleClientInfo(keyval ...string) {
    c.internalClient.setGoogleClientInfo(keyval...)
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *LicenseCodesClient) Connection() *grpc.ClientConn {
    return c.internalClient.Connection()
}

//
// Get return a specified license code. License codes are mirrored across all projects that have permissions to read the
// License Code. Caution This resource is intended for use only by third-party partners who are creating Cloud
// Marketplace images.
func (c *LicenseCodesClient) Get(ctx context.Context, req *computepb.GetLicenseCodeRequest, opts
...gax.CallOption) (*computepb.LicenseCode, error) {
    return c.internalClient.Get(ctx, req, opts...)
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
// intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicenseCodesClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {
    return c.internalClient.TestIamPermissions(ctx, req, opts...)
}

// Methods, except Close, may be called concurrently. However,
// fields must not be modified concurrently with method calls.
type licenseCodesRESTClient struct {
    // The http endpoint to connect to.
    endpoint string

    // The http client.
    httpClient *http.Client

    // The x-goog-* metadata to be sent with each request.
    xGoogMetadata metadata.MD
}

// NewLicenseCodesRESTClient creates a new license codes rest client.
//
// The LicenseCodes API.

```

```

func NewLicenseCodesRESTClient(ctx context.Context, opts ...option.ClientOption) (*LicenseCodesClient, error) {
    clientOpts := append(defaultLicenseCodesRESTClientOptions(), opts...)
    httpClient, endpoint, err := httptransport.NewClient(ctx, clientOpts...)
    if err != nil {
        return nil, err
    }

    c := &licenseCodesRESTClient{
        endpoint: endpoint,
        httpClient: httpClient,
    }
    c.setGoogleClientInfo()

    return &LicenseCodesClient{internalClient: c, CallOptions: &LicenseCodesCallOptions{}}, nil
}

func defaultLicenseCodesRESTClientOptions() []option.ClientOption {
    return []option.ClientOption{
        internaloption.WithDefaultEndpoint("https://compute.googleapis.com"),
        internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
        internaloption.WithDefaultAudience("https://compute.googleapis.com/"),
        internaloption.WithDefaultScopes(DefaultAuthScopes()...),
    }
}

//
// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *licenseCodesRESTClient) setGoogleClientInfo(keyval ...string) {
    kv := append([]string{"gl-go", versionGo()}, keyval...)
    kv = append(kv, "gapi", getVersionClient(), "gax", gax.Version, "rest", "UNKNOWN")
    c.xGoogMetadata = metadata.Pairs("x-goog-api-client", gax.XGoogHeader(kv...))
}

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *licenseCodesRESTClient) Close() error {
    // Replace httpClient with nil to force cleanup.
    c.httpClient = nil
    return nil
}

//
// Connection returns a connection to the API service.
//
// Deprecated.
func (c *licenseCodesRESTClient) Connection() *grpc.ClientConn {

```

```

return nil
}

// Get return a specified license code. License codes are mirrored across all projects that have permissions to read the
// License Code. Caution This resource is intended for use only by third-party partners who are creating Cloud
// Marketplace images.
func (c *licenseCodesRESTClient) Get(ctx context.Context, req *computepb.GetLicenseCodeRequest, opts
...gax.CallOption) (*computepb.LicenseCode, error) {
    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v", req.GetProject(),
req.GetLicenseCode())

    // Build HTTP headers from client and context metadata.
    headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
    unmarshalOptions := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
    resp := &computepb.LicenseCode{}
    e := gax.Invoke(ctx,
func(ctx context.Context, settings gax.CallSettings) error {
    httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
    if err != nil {
        return err
    }
    httpReq = httpReq.WithContext(ctx)
    httpReq.Header = headers

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp); err != nil {
        return err
    }

    buf, err := ioutil.ReadAll(httpRsp.Body)
    if err != nil {
        return err
    }

    if err := unmarshalOptions.Unmarshal(buf, resp); err != nil {
        return maybeUnknownEnum(err)
    }

    return nil
}, opts...)
    if e != nil {
        return nil, e
    }
}

```

```

}
return resp, nil
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licenseCodesRESTClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {
    m := protojson.MarshalOptions{ AllowPartial: true }
    body := req.GetTestPermissionsRequestResource()
    jsonReq, err := m.Marshal(body)
    if err != nil {
        return nil, err
    }

    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v/testIamPermissions",
req.GetProject(), req.GetResource())

    // Build HTTP headers from client and context metadata.
    headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
    unmarshal := protojson.UnmarshalOptions{ AllowPartial: true, DiscardUnknown: true }
    resp := &computepb.TestPermissionsResponse{}
    e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
        httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
        if err != nil {
            return err
        }
        httpReq = httpReq.WithContext(ctx)
        httpReq.Header = headers

        httpRsp, err := c.httpClient.Do(httpReq)
        if
err != nil {
            return err
        }
        defer httpRsp.Body.Close()

        if err = googleapi.CheckResponse(httpRsp); err != nil {
            return err
        }

        buf, err := ioutil.ReadAll(httpRsp.Body)
        if err != nil {
            return err
        }

```

```
if err := unm.Unmarshal(buf, resp); err != nil {
    return maybeUnknownEnum(err)
}

return nil
}, opts...)
if e != nil {
    return nil, e
}
return resp, nil
}
```

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// Code generated by protoc-gen-go_gapic. DO NOT EDIT.
```

```
package compute
```

```
import (
    "bytes"
    "context"
    "fmt"
    "io/ioutil"
    "math"
    "net/http"
    "net/url"

    gax "github.com/googleapis/gax-go/v2"
    "google.golang.org/api/googleapi"
    "google.golang.org/api/iterator"
    "google.golang.org/api/option"
    "google.golang.org/api/option/internaloption"
    httptransport "google.golang.org/api/transport/http"
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
    "google.golang.org/grpc"
    "google.golang.org/grpc/metadata"
    "google.golang.org/protobuf/encoding/protojson"
    "google.golang.org/protobuf/proto"
)
```

```

var
newLicensesClientHook clientHook

// LicensesCallOptions contains the retry settings for each method of LicensesClient.
type LicensesCallOptions struct {
Delete      []gax.CallOption
Get         []gax.CallOption
GetIamPolicy []gax.CallOption
Insert      []gax.CallOption
List        []gax.CallOption
SetIamPolicy []gax.CallOption
TestIamPermissions []gax.CallOption
}

// internalLicensesClient is an interface that defines the methods available from Google Compute Engine API.
type internalLicensesClient interface {
Close() error
setGoogleClientInfo(...string)
Connection() *grpc.ClientConn
Delete(context.Context, *computepb.DeleteLicenseRequest, ...gax.CallOption) (*Operation, error)
Get(context.Context, *computepb.GetLicenseRequest, ...gax.CallOption)
(*computepb.License, error)
GetIamPolicy(context.Context, *computepb.GetIamPolicyLicenseRequest, ...gax.CallOption) (*computepb.Policy,
error)
Insert(context.Context, *computepb.InsertLicenseRequest, ...gax.CallOption) (*Operation, error)
List(context.Context, *computepb.ListLicensesRequest, ...gax.CallOption) *LicenseIterator
SetIamPolicy(context.Context, *computepb.SetIamPolicyLicenseRequest, ...gax.CallOption) (*computepb.Policy,
error)
TestIamPermissions(context.Context, *computepb.TestIamPermissionsLicenseRequest, ...gax.CallOption)
(*computepb.TestPermissionsResponse, error)
}

// LicensesClient is a client for interacting with Google Compute Engine API.
// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
method calls.
//
// The Licenses API.
type LicensesClient struct {
// The internal transport-dependent client.
internalClient internalLicensesClient

// The call options for this service.
CallOptions
*LicensesCallOptions
}

// Wrapper methods routed to the internal client.

```

```

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *LicensesClient) Close() error {
    return c.internalClient.Close()
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *LicensesClient) setGoogleClientInfo(keyval ...string) {
    c.internalClient.setGoogleClientInfo(keyval...)
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *LicensesClient) Connection() *grpc.ClientConn {
    return c.internalClient.Connection()
}

// Delete deletes the specified license. Caution This resource is intended for use only by third-party partners who are
// creating Cloud Marketplace images.
func (c *LicensesClient) Delete(ctx context.Context, req *computepb.DeleteLicenseRequest, opts ...gax.CallOption)
(*Operation, error) {
    return c.internalClient.Delete(ctx, req, opts...)
}

// Get returns the specified License resource. Caution This resource is intended for use only by third-party partners
// who are creating Cloud Marketplace images.
func (c *LicensesClient) Get(ctx context.Context, req *computepb.GetLicenseRequest, opts ...gax.CallOption)
(*computepb.License, error) {
    return c.internalClient.Get(ctx, req, opts...)
}

// GetIamPolicy gets the access control policy for a resource. May be empty if no such policy or resource exists.
// Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) GetIamPolicy(ctx context.Context, req *computepb.GetIamPolicyLicenseRequest, opts
...gax.CallOption) (*computepb.Policy, error) {
    return c.internalClient.GetIamPolicy(ctx, req, opts...)
}

// Insert create a License resource in the specified project. Caution This resource is intended for use only by third-
// party
// partners who are creating Cloud Marketplace images.
func (c *LicensesClient) Insert(ctx context.Context, req *computepb.InsertLicenseRequest, opts ...gax.CallOption)
(*Operation, error) {
    return c.internalClient.Insert(ctx, req, opts...)
}

```

```

}

// List retrieves the list of licenses available in the specified project. This method does not get any licenses that
// belong to other projects, including licenses attached to publicly-available images, like Debian 9. If you want to get a
// list of publicly-available licenses, use this method to make a request to the respective image project, such as debian-
// cloud or windows-cloud. Caution This resource is intended for use only by third-party partners who are creating
// Cloud Marketplace images.
func (c *LicensesClient) List(ctx context.Context, req *computepb.ListLicensesRequest, opts ...gax.CallOption)
*LicenseIterator {
    return c.internalClient.List(ctx, req, opts...)
}

// SetIamPolicy sets the access control policy on the specified resource. Replaces
// any existing policy. Caution This resource is intended for use only by third-party partners who are creating Cloud
// Marketplace images.
func (c *LicensesClient) SetIamPolicy(ctx context.Context, req *computepb.SetIamPolicyLicenseRequest, opts
...gax.CallOption) (*computepb.Policy, error) {
    return c.internalClient.SetIamPolicy(ctx, req, opts...)
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
// intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseRequest, opts ...gax.CallOption) (*computepb.TestPermissionsResponse,
error) {
    return c.internalClient.TestIamPermissions(ctx, req, opts...)
}

// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
// method calls.
type licensesRESTClient struct {
    // The http endpoint to connect to.
    endpoint
    string

    // The http client.
    httpClient *http.Client

    // operationClient is used to call the operation-specific management service.
    operationClient *GlobalOperationsClient

    // The x-goog-* metadata to be sent with each request.
    xGoogMetadata metadata.MD
}

// NewLicensesRESTClient creates a new licenses rest client.
//
// The Licenses API.

```

```

func NewLicensesRESTClient(ctx context.Context, opts ...option.ClientOption) (*LicensesClient, error) {
    clientOpts := append(defaultLicensesRESTClientOptions(), opts...)
    httpClient, endpoint, err := httptransport.NewClient(ctx, clientOpts...)
    if err != nil {
        return nil, err
    }

    c := &licensesRESTClient{
        endpoint: endpoint,
        httpClient: httpClient,
    }
    c.setGoogleClientInfo()

    o := []option.ClientOption{
        option.WithHTTPClient(httpClient),
        option.WithEndpoint(endpoint),
    }
    opC, err := NewGlobalOperationsRESTClient(ctx, o...)
    if err != nil {
        return nil, err
    }
    c.operationClient = opC

    return &LicensesClient{internalClient:
        c, CallOptions: &LicensesCallOptions{ }}, nil
}

func defaultLicensesRESTClientOptions() []option.ClientOption {
    return []option.ClientOption{
        internaloption.WithDefaultEndpoint("https://compute.googleapis.com"),
        internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
        internaloption.WithDefaultAudience("https://compute.googleapis.com/"),
        internaloption.WithDefaultScopes(DefaultAuthScopes()),
    }
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *licensesRESTClient) setGoogleClientInfo(keyval ...string) {
    kv := append([]string{"gl-go", versionGo()}, keyval...)
    kv = append(kv, "gapi", getVersionClient(), "gax", gax.Version, "rest", "UNKNOWN")
    c.xGoogMetadata = metadata.Pairs("x-goog-api-client", gax.XGoogHeader(kv...))
}

// Close closes the connection to the API service. The user should invoke this when
// the

```

```

client is no longer required.
func (c *licensesRESTClient) Close() error {
// Replace httpClient with nil to force cleanup.
c.httpClient = nil
if err := c.operationClient.Close(); err != nil {
return err
}
return nil
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *licensesRESTClient) Connection() *grpc.ClientConn {
return nil
}

// Delete deletes the specified license. Caution This resource is intended for use only by third-party partners who are
creating Cloud Marketplace images.
func (c *licensesRESTClient) Delete(ctx context.Context, req *computepb.DeleteLicenseRequest, opts
...gax.CallOption) (*Operation, error) {
baseUrl, _ := url.Parse(c.endpoint)
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v", req.GetProject(), req.GetLicense())

params := url.Values{ }
if req != nil && req.RequestId != nil {
params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
}

baseUrl.RawQuery = params.Encode()

// Build
HTTP headers from client and context metadata.
headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
resp := &computepb.Operation{ }
e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
httpReq, err := http.NewRequest("DELETE", baseUrl.String(), nil)
if err != nil {
return err
}
httpReq = httpReq.WithContext(ctx)
httpReq.Header = headers

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
return err
}
}

```

```

defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return err
}

if err := unm.Unmarshal(buf, resp); err != nil {
    return maybeUnknownEnum(err)
}

return nil
}, opts...)
if e != nil {
    return nil, e
}
}
op := &Operation{
    &globalOperationsHandle{
        c:    c.operationClient,
        proto:
        resp,
        project: req.GetProject(),
    },
}
return op, nil
}

// Get returns the specified License resource. Caution This resource is intended for use only by third-party partners
// who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Get(ctx context.Context, req *computepb.GetLicenseRequest, opts ...gax.CallOption)
(*computepb.License, error) {
    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v", req.GetProject(), req.GetLicense())

    // Build HTTP headers from client and context metadata.
    headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
    unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
    resp := &computepb.License{}
    e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
        httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
        if err != nil {
            return err
        }
        httpReq = httpReq.WithContext(ctx)

```

```

httpReq.Header
= headers

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return err
}

if err := unmarshal(buf, resp); err != nil {
    return maybeUnknownEnum(err)
}

return nil
}, opts...)
if e != nil {
    return nil, e
}
return resp, nil
}

// GetIamPolicy gets the access control policy for a resource. May be empty if no such policy or resource exists.
Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) GetIamPolicy(ctx context.Context, req *computepb.GetIamPolicyLicenseRequest,
opts ...gax.CallOption) (*computepb.Policy, error) {
    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/getIamPolicy", req.GetProject(),
req.GetResource())

    params := url.Values{ }
    if req != nil && req.OptionsRequestedPolicyVersion != nil {
        params.Add("optionsRequestedPolicyVersion", fmt.Sprintf("%v", req.GetOptionsRequestedPolicyVersion()))
    }

    baseUrl.RawQuery = params.Encode()

    // Build HTTP headers from client and context metadata.
    headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
    unmarshal := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}

```

```

resp := &computepb.Policy{}
e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
    httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
    if err != nil {
        return err
    }
    httpReq = httpReq.WithContext(ctx)
    httpReq.Header = headers

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp); err != nil {
        return err
    }

    buf, err := ioutil.ReadAll(httpRsp.Body)
    if err
    != nil {
        return err
    }

    if err := unm.Unmarshal(buf, resp); err != nil {
        return maybeUnknownEnum(err)
    }

    return nil
}, opts...)
if e != nil {
    return nil, e
}
return resp, nil
}

```

// Insert create a License resource in the specified project. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.

```

func (c *licensesRESTClient) Insert(ctx context.Context, req *computepb.InsertLicenseRequest, opts
...gax.CallOption) (*Operation, error) {
    m := protojson.MarshalOptions{AllowPartial: true}
    body := req.GetLicenseResource()
    jsonReq, err := m.Marshal(body)
    if err != nil {
        return nil, err
    }
}

```

```

baseUrl, _ := url.Parse(c.endpoint)
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses", req.GetProject())

params := url.Values{ }
if req != nil && req.RequestId != nil {
    params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
}

baseUrl.RawQuery = params.Encode()

// Build HTTP headers from client
and context metadata.
headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
resp := &compute.Operation{ }
e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
    httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
    if err != nil {
        return err
    }
    httpReq = httpReq.WithContext(ctx)
    httpReq.Header = headers

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp); err != nil {
        return err
    }

    buf, err := ioutil.ReadAll(httpRsp.Body)
    if err != nil {
        return err
    }

    if err := unm.Unmarshal(buf, resp); err != nil {
        return maybeUnknownEnum(err)
    }

    return nil
}, opts...)
if e != nil {
    return nil, e
}
op := &Operation{

```

```

&globalOperationsHandle{
  c: c.operationClient,
  proto:
  resp,
  project: req.GetProject(),
},
}
return op, nil
}

```

// List retrieves the list of licenses available in the specified project. This method does not get any licenses that belong to other projects, including licenses attached to publicly-available images, like Debian 9. If you want to get a list of publicly-available licenses, use this method to make a request to the respective image project, such as debian-cloud or windows-cloud. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.

```

func (c *licensesRESTClient) List(ctx context.Context, req *computepb.ListLicensesRequest, opts
...gax.CallOption) *LicenseIterator {
  it := &LicenseIterator{}
  req = proto.Clone(req).(*computepb.ListLicensesRequest)
  unmarshalOptions := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
  it.InternalFetch = func(pageSize int, pageToken string) ([]*computepb.License, string, error) {
    resp := &computepb.LicensesListResponse{}
    if
    pageToken != "" {
      req.PageToken = proto.String(pageToken)
    }
    if pageSize > math.MaxInt32 {
      req.MaxResults = proto.Uint32(math.MaxInt32)
    } else if pageSize != 0 {
      req.MaxResults = proto.Uint32(uint32(pageSize))
    }
    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses", req.GetProject())

    params := url.Values{}
    if req != nil && req.Filter != nil {
      params.Add("filter", fmt.Sprintf("%v", req.GetFilter()))
    }
    if req != nil && req.MaxResults != nil {
      params.Add("maxResults", fmt.Sprintf("%v", req.GetMaxResults()))
    }
    if req != nil && req.OrderBy != nil {
      params.Add("orderBy", fmt.Sprintf("%v", req.GetOrderBy()))
    }
    if req != nil && req.PageToken != nil {
      params.Add("pageToken", fmt.Sprintf("%v", req.GetPageToken()))
    }
    if req != nil && req.ReturnPartialSuccess != nil {

```

```

params.Add("returnPartialSuccess", fmt.Sprintf("%v", req.GetReturnPartialSuccess()))
}

baseUrl.RawQuery = params.Encode()

//
Build HTTP headers from client and context metadata.
headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
    httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
    if err != nil {
        return err
    }
    httpReq.Header = headers

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp); err != nil {
        return err
    }

    buf, err := ioutil.ReadAll(httpRsp.Body)
    if err != nil {
        return err
    }

    if err := unm.Unmarshal(buf, resp); err != nil {
        return maybeUnknownEnum(err)
    }

    return nil
}, opts...)
if e != nil {
    return nil, "", e
}
it.Response = resp
return resp.GetItems(), resp.GetNextPageToken(), nil
}

fetch := func(pageSize int, pageToken string) (string, error) {
    items, nextPageToken, err := it.InternalFetch(pageSize,
pageToken)
    if err != nil {
        return "", err

```

```

    }
    it.items = append(it.items, items...)
    return nextPageToken, nil
}

it.pageInfo, it.nextFunc = iterator.NewPageInfo(fetch, it.bufLen, it.takeBuf)
it.pageInfo.MaxSize = int(req.GetMaxResults())
it.pageInfo.Token = req.GetPageToken()

return it
}

// SetIamPolicy sets the access control policy on the specified resource. Replaces any existing policy. Caution This
resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) SetIamPolicy(ctx context.Context, req *computepb.SetIamPolicyLicenseRequest,
opts ...gax.CallOption) (*computepb.Policy, error) {
    m := protojson.MarshalOptions{AllowPartial: true}
    body := req.GetGlobalSetPolicyRequestResource()
    jsonReq, err := m.Marshal(body)
    if err != nil {
        return nil, err
    }

    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/setIamPolicy",
req.GetProject(), req.GetResource())

    // Build HTTP headers from client and context metadata.
    headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
    unmarshal := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
    resp := &computepb.Policy{}
    e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
        httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
        if err != nil {
            return err
        }
        httpReq = httpReq.WithContext(ctx)
        httpReq.Header = headers

        httpResp, err := c.httpClient.Do(httpReq)
        if err != nil {
            return err
        }
        defer httpResp.Body.Close()

        if err = googleapi.CheckResponse(httpResp); err != nil {
            return err
        }
    })
}

```

```

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return err
}

```

```

if err := unmarshal(buf, resp); err != nil {
    return maybeUnknownEnum(err)
}

```

```

return nil
}, opts...)
if e != nil {
    return nil, e
}
return resp,
nil
}

```

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.

```

func (c *licensesRESTClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseRequest, opts ...gax.CallOption) (*computepb.TestPermissionsResponse,
error) {
    m := protojson.MarshalOptions{ AllowPartial: true }
    body := req.GetTestPermissionsRequestResource()
    jsonReq, err := m.Marshal(body)
    if err != nil {
        return nil, err
    }
}

```

```

baseUrl, _ := url.Parse(c.endpoint)
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/testIamPermissions", req.GetProject(),
req.GetResource())

```

// Build HTTP headers from client and context metadata.

```

headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
unmarshal := protojson.UnmarshalOptions{ AllowPartial: true, DiscardUnknown: true }
resp := &computepb.TestPermissionsResponse{ }
e
:= gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
    httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
    if err != nil {
        return err
    }
    httpReq = httpReq.WithContext(ctx)
    httpReq.Header = headers
}

```

```

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return err
}

if err := unm.Unmarshal(buf, resp); err != nil {
    return maybeUnknownEnum(err)
}

return nil
}, opts...)
if e != nil {
    return nil, e
}
return resp, nil
}

// LicenseIterator manages a stream of *computepb.License.
type LicenseIterator struct {
    items []*computepb.License
    pageInfo *iterator.PageInfo
    nextFunc func() error

    // Response is the raw response for the current page.
    // It must be cast to the RPC response type.
    //
    // Calling Next() or InternalFetch() updates this value.
    Response interface{ }

    // InternalFetch is for use by the Google Cloud Libraries only.
    // It is not part of the stable interface of this package.
    //
    // InternalFetch returns results from a single call to the underlying RPC.
    // The number of results is no greater than pageSize.
    // If there are no more results, nextPageToken is empty and err is nil.
    InternalFetch func(pageSize int, pageToken string) (results []*computepb.License, nextPageToken string, err error)
}

```

```

// PageInfo supports pagination. See the google.golang.org/api/iterator package for details.
func (it *LicenseIterator) PageInfo() *iterator.PageInfo {
    return it.pageInfo
}

// Next returns the next result. Its second return value is iterator.Done if there are no more
// results. Once Next returns Done, all subsequent calls will return Done.
func (it *LicenseIterator) Next() (*computepb.License, error) {
    var item *computepb.License
    if err := it.nextFunc(); err !=
    nil {
        return item, err
    }
    item = it.items[0]
    it.items = it.items[1:]
    return item, nil
}

func (it *LicenseIterator) bufLen() int {
    return len(it.items)
}

func (it *LicenseIterator) takeBuf() interface{} {
    b := it.items
    it.items = nil
    return b
}

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// Code generated by protoc-gen-go_gapic. DO NOT EDIT.

package compute_test

import (
    "context"

```

```
compute "cloud.google.com/go/compute/apiv1"  
"google.golang.org/api/iterator"  
computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"  
)
```

```
func ExampleNewLicensesRESTClient() {  
    ctx := context.Background()  
    c, err := compute.NewLicensesRESTClient(ctx)  
    if err != nil {  
        // TODO: Handle error.  
    }  
    defer  
    c.Close()  
  
    // TODO: Use client.  
    _ = c  
}
```

```
func ExampleLicensesClient_Delete() {  
    ctx := context.Background()  
    c, err := compute.NewLicensesRESTClient(ctx)  
    if err != nil {  
        // TODO: Handle error.  
    }  
    defer c.Close()
```

```
    req := &computepb.DeleteLicenseRequest{  
        // TODO: Fill request struct fields.  
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#DeleteLicenseRequest.  
    }  
    op, err := c.Delete(ctx, req)  
    if err != nil {  
        // TODO: Handle error.  
    }  
}
```

```
    err = op.Wait(ctx)  
    if err != nil {  
        // TODO: Handle error.  
    }  
}
```

```
func ExampleLicensesClient_Get() {  
    ctx := context.Background()  
    c, err := compute.NewLicensesRESTClient(ctx)  
    if err != nil {  
        // TODO: Handle error.  
    }  
    defer c.Close()
```

```

req := &computepb.GetLicenseRequest{
    // TODO: Fill request struct fields.
    // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetLicenseRequest.
}
resp, err := c.Get(ctx, req)
if err != nil {
    // TODO: Handle error.
}
// TODO: Use resp.
_
= resp
}

func ExampleLicensesClient_GetIamPolicy() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.GetIamPolicyLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetIamPolicyLicenseRequest.
    }
    resp, err := c.GetIamPolicy(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}

func ExampleLicensesClient_Insert() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.InsertLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#InsertLicenseRequest.
    }
    op, err := c.Insert(ctx, req)
    if err != nil {

```

```

// TODO: Handle error.
}

err = op.Wait(ctx)
if err != nil {
// TODO:
Handle error.
}
}

func ExampleLicensesClient_List() {
ctx := context.Background()
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
// TODO: Handle error.
}
defer c.Close()

req := &computepb.ListLicensesRequest{
// TODO: Fill request struct fields.
// See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#ListLicensesRequest.
}
it := c.List(ctx, req)
for {
resp, err := it.Next()
if err == iterator.Done {
break
}
if err != nil {
// TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}
}

func ExampleLicensesClient_SetIamPolicy() {
ctx := context.Background()
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
// TODO: Handle error.
}
defer c.Close()

req := &computepb.SetIamPolicyLicenseRequest{
// TODO: Fill request struct fields.
// See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#SetIamPolicyLicenseRequest.
}

```

```

resp, err := c.SetIamPolicy(ctx, req)
if err !=
nil {
// TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}

func ExampleLicensesClient_TestIamPermissions() {
ctx := context.Background()
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
// TODO: Handle error.
}
defer c.Close()

req := &computepb.TestIamPermissionsLicenseRequest{
// TODO: Fill request struct fields.
// See
https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#TestIamPermissionsLicenseRequest.
}
resp, err := c.TestIamPermissions(ctx, req)
if err != nil {
// TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}

```

1.321 etcd 3.5.4

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1.322 ncurses 6.3_p20211120-r1

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Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

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1.323 prometheus-common 0.37.0

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1.324 toml 1.1.0

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1.327 gax-go 2.2.0

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1.328 go-iam 0.3.0

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package compute_test

import (
    "context"

    compute "cloud.google.com/go/compute/apiv1"
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
)

func ExampleNewLicenseCodesRESTClient() {
    ctx := context.Background()
    c, err := compute.NewLicenseCodesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    // TODO: Use
    client.
    _ = c
}

func ExampleLicenseCodesClient_Get() {
    ctx := context.Background()
    c, err := compute.NewLicenseCodesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.GetLicenseCodeRequest{
```

```

// TODO: Fill request struct fields.
// See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetLicenseCodeRequest.
}
resp, err := c.Get(ctx, req)
if err != nil {
// TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}

func ExampleLicenseCodesClient_TestIamPermissions() {
ctx := context.Background()
c, err := compute.NewLicenseCodesRESTClient(ctx)
if err != nil {
// TODO: Handle error.
}
defer c.Close()

req := &compute.TestIamPermissionsLicenseCodeRequest{
// TODO: Fill request struct fields.
// See
https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#TestIamPermissionsLicenseCodeRequest.
}
resp, err := c.TestIamPermissions(ctx, req)
if err != nil {
// TODO: Handle error.
}
//
// TODO: Use resp.
_ = resp
}
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```

```

package compute

import (
    "bytes"
    "context"
    "fmt"
    "io/ioutil"
    "net/http"
    "net/url"

    gax "github.com/googleapis/gax-go/v2"
    "google.golang.org/api/googleapi"
    "google.golang.org/api/option"
    "google.golang.org/api/option/internaloption"
    httptransport "google.golang.org/api/transport/http"
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
    "google.golang.org/grpc"
    "google.golang.org/grpc/metadata"
    "google.golang.org/protobuf/encoding/protojson"
)

var
    newLicenseCodesClientHook clientHook

// LicenseCodesCallOptions contains the retry settings for each method of LicenseCodesClient.
type LicenseCodesCallOptions struct {
    Get          []gax.CallOption
    TestIamPermissions []gax.CallOption
}

// internalLicenseCodesClient is an interface that defines the methods available from Google Compute Engine API.
type internalLicenseCodesClient interface {
    Close() error
    setGoogleClientInfo(...string)
    Connection() *grpc.ClientConn
    Get(context.Context, *computepb.GetLicenseCodeRequest, ...gax.CallOption) (*computepb.LicenseCode, error)
    TestIamPermissions(context.Context, *computepb.TestIamPermissionsLicenseCodeRequest, ...gax.CallOption)
    (*computepb.TestPermissionsResponse, error)
}

// LicenseCodesClient is a client for interacting with Google Compute Engine API.
// Methods, except Close, may be called concurrently.
// However, fields must not be modified concurrently with method calls.
//
// The LicenseCodes API.
type LicenseCodesClient struct {
    // The internal transport-dependent client.

```

```

internalClient internalLicenseCodesClient

// The call options for this service.
CallOptions *LicenseCodesCallOptions
}

// Wrapper methods routed to the internal client.

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *LicenseCodesClient) Close() error {
    return c.internalClient.Close()
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *LicenseCodesClient) setGoogleClientInfo(keyval ...string) {
    c.internalClient.setGoogleClientInfo(keyval...)
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *LicenseCodesClient) Connection() *grpc.ClientConn {
    return c.internalClient.Connection()
}

//
// Get return a specified license code. License codes are mirrored across all projects that have permissions to read the
// License Code. Caution This resource is intended for use only by third-party partners who are creating Cloud
// Marketplace images.
func (c *LicenseCodesClient) Get(ctx context.Context, req *computepb.GetLicenseCodeRequest, opts
...gax.CallOption) (*computepb.LicenseCode, error) {
    return c.internalClient.Get(ctx, req, opts...)
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
// intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicenseCodesClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {
    return c.internalClient.TestIamPermissions(ctx, req, opts...)
}

// Methods, except Close, may be called concurrently. However,
// fields must not be modified concurrently with method calls.
type licenseCodesRESTClient struct {

```

```

// The http endpoint to connect to.
endpoint string

// The http client.
httpClient *http.Client

// The x-goog-* metadata to be sent with each request.
xGoogMetadata metadata.MD
}

// NewLicenseCodesRESTClient creates a new license codes rest client.
//
// The LicenseCodes API.
func NewLicenseCodesRESTClient(ctx context.Context, opts ...option.ClientOption) (*LicenseCodesClient, error) {
    clientOpts := append(defaultLicenseCodesRESTClientOptions(), opts...)
    httpClient, endpoint, err := httptransport.NewClient(ctx, clientOpts...)
    if err != nil {
        return nil, err
    }

    c := &licenseCodesRESTClient{
        endpoint: endpoint,
        httpClient: httpClient,
    }
    c.setGoogleClientInfo()

    return &LicenseCodesClient{internalClient: c, CallOptions: &LicenseCodesCallOptions{}}, nil
}

func defaultLicenseCodesRESTClientOptions() []option.ClientOption {
    return []option.ClientOption{
        internaloption.WithDefaultEndpoint("https://compute.googleapis.com"),
        internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
        internaloption.WithDefaultAudience("https://compute.googleapis.com/"),
        internaloption.WithDefaultScopes(DefaultAuthScopes()),
    }
}

//
// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *licenseCodesRESTClient) setGoogleClientInfo(keyval ...string) {
    kv := append([]string{"gl-go", versionGo()}, keyval...)
    kv = append(kv, "gpic", getVersionClient(), "gax", gax.Version, "rest", "UNKNOWN")
    c.xGoogMetadata = metadata.Pairs("x-goog-api-client", gax.XGoogHeader(kv...))
}

```

```

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *licenseCodesRESTClient) Close() error {
    // Replace httpClient with nil to force cleanup.
    c.httpClient = nil
    return nil
}

//
// Connection returns a connection to the API service.
//
// Deprecated.
func (c *licenseCodesRESTClient) Connection() *grpc.ClientConn {
    return nil
}

// Get return a specified license code. License codes are mirrored across all projects that have permissions to read the
// License Code. Caution This resource is intended for use only by third-party partners who are creating Cloud
// Marketplace images.
func (c *licenseCodesRESTClient) Get(ctx context.Context, req *computepb.GetLicenseCodeRequest, opts
...gax.CallOption) (*computepb.LicenseCode, error) {
    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v", req.GetProject(),
req.GetLicenseCode())

    // Build HTTP headers from client and context metadata.
    headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
    unmarshalOptions := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
    resp := &computepb.LicenseCode{}
    e := gax.Invoke(ctx,
func(ctx context.Context, settings gax.CallSettings) error {
    httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
    if err != nil {
        return err
    }
    httpReq = httpReq.WithContext(ctx)
    httpReq.Header = headers

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp); err != nil {
        return err
    }
}

```

```

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return err
}

if err := unm.Unmarshal(buf, resp); err != nil {
    return maybeUnknownEnum(err)
}

return nil
}, opts...)
if e != nil {
    return nil, e
}
return resp, nil
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licenseCodesRESTClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {
    m := protojson.MarshalOptions{ AllowPartial: true }
    body := req.GetTestPermissionsRequestResource()
    jsonReq, err := m.Marshal(body)
    if err != nil {
        return nil, err
    }

    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v/testIamPermissions",
req.GetProject(), req.GetResource())

    // Build HTTP headers from client and context metadata.
    headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
    unm := protojson.UnmarshalOptions{ AllowPartial: true, DiscardUnknown: true }
    resp := &computepb.TestPermissionsResponse{ }
    e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
        httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
        if err != nil {
            return err
        }
        httpReq = httpReq.WithContext(ctx)
        httpReq.Header = headers

        httpRsp, err := c.httpClient.Do(httpReq)
        if

```

```

err != nil {
    return err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return err
}

if err := unmarshal(buf, resp); err != nil {
    return maybeUnknownEnum(err)
}

return nil
}, opts...)
if e != nil {
    return nil, e
}
return resp, nil
}

```

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// Code generated by protoc-gen-go_gapic. DO NOT EDIT.

package compute

```
import (  
    "bytes"  
    "context"  
    "fmt"  
    "io/ioutil"
```

```

"math"
"net/http"
"net/url"

gax "github.com/googleapis/gax-go/v2"
"google.golang.org/api/googleapi"
"google.golang.org/api/iterator"
"google.golang.org/api/option"
"google.golang.org/api/option/internaloption"
httptransport "google.golang.org/api/transport/http"
computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
"google.golang.org/grpc"
"google.golang.org/grpc/metadata"
"google.golang.org/protobuf/encoding/protojson"
"google.golang.org/protobuf/proto"
)

var
newLicensesClientHook clientHook

// LicensesCallOptions contains the retry settings for each method of LicensesClient.
type LicensesCallOptions struct {
Delete      []gax.CallOption
Get         []gax.CallOption
GetIamPolicy []gax.CallOption
Insert     []gax.CallOption
List       []gax.CallOption
SetIamPolicy []gax.CallOption
TestIamPermissions []gax.CallOption
}

// internalLicensesClient is an interface that defines the methods available from Google Compute Engine API.
type internalLicensesClient interface {
Close() error
setGoogleClientInfo(...string)
Connection() *grpc.ClientConn
Delete(context.Context, *computepb.DeleteLicenseRequest, ...gax.CallOption) (*Operation, error)
Get(context.Context, *computepb.GetLicenseRequest, ...gax.CallOption)
(*computepb.License, error)
GetIamPolicy(context.Context, *computepb.GetIamPolicyLicenseRequest, ...gax.CallOption) (*computepb.Policy,
error)
Insert(context.Context, *computepb.InsertLicenseRequest, ...gax.CallOption) (*Operation, error)
List(context.Context, *computepb.ListLicensesRequest, ...gax.CallOption) *LicenseIterator
SetIamPolicy(context.Context, *computepb.SetIamPolicyLicenseRequest, ...gax.CallOption) (*computepb.Policy,
error)
TestIamPermissions(context.Context, *computepb.TestIamPermissionsLicenseRequest, ...gax.CallOption)
(*computepb.TestPermissionsResponse, error)
}

```

```

// LicensesClient is a client for interacting with Google Compute Engine API.
// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
method calls.
//
// The Licenses API.
type LicensesClient struct {
// The internal transport-dependent client.
internalClient internalLicensesClient

// The call options for this service.
CallOptions
*LicensesCallOptions
}

// Wrapper methods routed to the internal client.

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *LicensesClient) Close() error {
return c.internalClient.Close()
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *LicensesClient) setGoogleClientInfo(keyval ...string) {
c.internalClient.setGoogleClientInfo(keyval...)
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *LicensesClient) Connection() *grpc.ClientConn {
return c.internalClient.Connection()
}

// Delete deletes the specified license. Caution This resource is intended for use only by third-party partners who are
creating Cloud Marketplace images.
func (c *LicensesClient) Delete(ctx context.Context, req *computepb.DeleteLicenseRequest, opts ...gax.CallOption)
(*Operation, error) {
return c.internalClient.Delete(ctx, req, opts...)
}

// Get returns the specified License resource. Caution This resource is intended for use only by third-party partners
who are creating Cloud Marketplace images.
func (c *LicensesClient) Get(ctx context.Context, req *computepb.GetLicenseRequest, opts ...gax.CallOption)
(*computepb.License, error) {

```

```

return c.internalClient.Get(ctx, req, opts...)
}

// GetIamPolicy gets the access control policy for a resource. May be empty if no such policy or resource exists.
Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) GetIamPolicy(ctx context.Context, req *computepb.GetIamPolicyLicenseRequest, opts
...gax.CallOption) (*computepb.Policy, error) {
return c.internalClient.GetIamPolicy(ctx, req, opts...)
}

// Insert create a License resource in the specified project. Caution This resource is intended for use only by third-
party
partners who are creating Cloud Marketplace images.
func (c *LicensesClient) Insert(ctx context.Context, req *computepb.InsertLicenseRequest, opts ...gax.CallOption)
(*Operation, error) {
return c.internalClient.Insert(ctx, req, opts...)
}

// List retrieves the list of licenses available in the specified project. This method does not get any licenses that
belong to other projects, including licenses attached to publicly-available images, like Debian 9. If you want to get a
list of publicly-available licenses, use this method to make a request to the respective image project, such as debian-
cloud or windows-cloud. Caution This resource is intended for use only by third-party partners who are creating
Cloud Marketplace images.
func (c *LicensesClient) List(ctx context.Context, req *computepb.ListLicensesRequest, opts ...gax.CallOption)
*LicenseIterator {
return c.internalClient.List(ctx, req, opts...)
}

// SetIamPolicy sets the access control policy on the specified resource. Replaces
any existing policy. Caution This resource is intended for use only by third-party partners who are creating Cloud
Marketplace images.
func (c *LicensesClient) SetIamPolicy(ctx context.Context, req *computepb.SetIamPolicyLicenseRequest, opts
...gax.CallOption) (*computepb.Policy, error) {
return c.internalClient.SetIamPolicy(ctx, req, opts...)
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseRequest, opts ...gax.CallOption) (*computepb.TestPermissionsResponse,
error) {
return c.internalClient.TestIamPermissions(ctx, req, opts...)
}

// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
method calls.
type licensesRESTClient struct {
// The http endpoint to connect to.

```

```

endpoint
string

// The http client.
httpClient *http.Client

// operationClient is used to call the operation-specific management service.
operationClient *GlobalOperationsClient

// The x-goog-* metadata to be sent with each request.
xGoogMetadata metadata.MD
}

// NewLicensesRESTClient creates a new licenses rest client.
//
// The Licenses API.
func NewLicensesRESTClient(ctx context.Context, opts ...option.ClientOption) (*LicensesClient, error) {
    clientOpts := append(defaultLicensesRESTClientOptions(), opts...)
    httpClient, endpoint, err := httptransport.NewClient(ctx, clientOpts...)
    if err != nil {
        return nil, err
    }

    c := &licensesRESTClient{
        endpoint: endpoint,
        httpClient: httpClient,
    }
    c.setGoogleClientInfo()

    o := []option.ClientOption{
        option.WithHTTPClient(httpClient),
        option.WithEndpoint(endpoint),
    }
    opC, err := NewGlobalOperationsRESTClient(ctx, o...)
    if err != nil {
        return nil, err
    }
    c.operationClient = opC

    return &LicensesClient{internalClient:
        c, CallOptions: &LicensesCallOptions{ }}, nil
}

func defaultLicensesRESTClientOptions() []option.ClientOption {
    return []option.ClientOption{
        internaloption.WithDefaultEndpoint("https://compute.googleapis.com"),
        internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
        internaloption.WithDefaultAudience("https://compute.googleapis.com/"),
    }
}

```

```

    internaloption.WithDefaultScopes(DefaultAuthScopes()),
  }
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *licensesRESTClient) setGoogleClientInfo(keyval ...string) {
  kv := append([]string{"gl-go", versionGo()}, keyval...)
  kv = append(kv, "gapic", getVersionClient(), "gax", gax.Version, "rest", "UNKNOWN")
  c.xGoogMetadata = metadata.Pairs("x-goog-api-client", gax.XGoogHeader(kv...))
}

// Close closes the connection to the API service. The user should invoke this when
// the
// client is no longer required.
func (c *licensesRESTClient) Close() error {
  // Replace httpClient with nil to force cleanup.
  c.httpClient = nil
  if err := c.operationClient.Close(); err != nil {
    return err
  }
  return nil
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *licensesRESTClient) Connection() *grpc.ClientConn {
  return nil
}

// Delete deletes the specified license. Caution This resource is intended for use only by third-party partners who are
// creating Cloud Marketplace images.
func (c *licensesRESTClient) Delete(ctx context.Context, req *computepb.DeleteLicenseRequest, opts
...gax.CallOption) (*Operation, error) {
  baseUrl, _ := url.Parse(c.endpoint)
  baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v", req.GetProject(), req.GetLicense())

  params := url.Values{ }
  if req != nil && req.RequestId != nil {
    params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
  }

  baseUrl.RawQuery = params.Encode()

  // Build

```

```

HTTP headers from client and context metadata.
headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
unm := protojson.UnmarshalOptions{ AllowPartial: true, DiscardUnknown: true }
resp := &computepb.Operation{ }
e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
    httpReq, err := http.NewRequest("DELETE", baseUrl.String(), nil)
    if err != nil {
        return err
    }
    httpReq = httpReq.WithContext(ctx)
    httpReq.Header = headers

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp); err != nil {
        return err
    }

    buf, err := ioutil.ReadAll(httpRsp.Body)
    if err != nil {
        return err
    }

    if err := unm.Unmarshal(buf, resp); err != nil {
        return maybeUnknownEnum(err)
    }

    return nil
}, opts...)
if e != nil {
    return nil, e
}
op := &Operation{
    &globalOperationsHandle{
        c:    c.operationClient,
        proto:
        resp,
        project: req.GetProject(),
    },
}
return op, nil
}

// Get returns the specified License resource. Caution This resource is intended for use only by third-party partners

```

who are creating Cloud Marketplace images.

```
func (c *licensesRESTClient) Get(ctx context.Context, req *computepb.GetLicenseRequest, opts ...gax.CallOption)
(*computepb.License, error) {
    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v", req.GetProject(), req.GetLicense())

    // Build HTTP headers from client and context metadata.
    headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
    unmarshalOptions := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
    resp := &computepb.License{}
    e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
        httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
        if err != nil {
            return err
        }
        httpReq = httpReq.WithContext(ctx)
        httpReq.Header
        = headers

        httpRsp, err := c.httpClient.Do(httpReq)
        if err != nil {
            return err
        }
        defer httpRsp.Body.Close()

        if err = googleapi.CheckResponse(httpRsp); err != nil {
            return err
        }

        buf, err := ioutil.ReadAll(httpRsp.Body)
        if err != nil {
            return err
        }

        if err := unmarshalOptions.Unmarshal(buf, resp); err != nil {
            return maybeUnknownEnum(err)
        }

        return nil
    }, opts...)
    if e != nil {
        return nil, e
    }
    return resp, nil
}
```

// GetIamPolicy gets the access control policy for a resource. May be empty if no such policy or resource exists.
Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.

```

func (c *licensesRESTClient) GetIamPolicy(ctx context.Context, req *computepb.GetIamPolicyLicenseRequest,
opts ...gax.CallOption) (*computepb.Policy, error) {
    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/getIamPolicy", req.GetProject(),
req.GetResource())

    params := url.Values{ }
    if req != nil && req.OptionsRequestedPolicyVersion != nil {
        params.Add("optionsRequestedPolicyVersion", fmt.Sprintf("%v", req.GetOptionsRequestedPolicyVersion()))
    }

    baseUrl.RawQuery = params.Encode()

    // Build HTTP headers from client and context metadata.
    headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
    unmarshalOptions := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
    resp := &computepb.Policy{ }
    e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
        httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
        if err != nil {
            return err
        }
        httpReq = httpReq.WithContext(ctx)
        httpReq.Header = headers

        httpRsp, err := c.httpClient.Do(httpReq)
        if err != nil {
            return err
        }
        defer httpRsp.Body.Close()

        if err = googleapi.CheckResponse(httpRsp); err != nil {
            return err
        }

        buf, err := ioutil.ReadAll(httpRsp.Body)
        if err
        != nil {
            return err
        }

        if err := unmarshalOptions.Unmarshal(buf, resp); err != nil {
            return maybeUnknownEnum(err)
        }

        return nil
    }, opts...)
    if e != nil {

```

```

return nil, e
}
return resp, nil
}

// Insert create a License resource in the specified project. Caution This resource is intended for use only by third-
party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Insert(ctx context.Context, req *computepb.InsertLicenseRequest, opts
...gax.CallOption) (*Operation, error) {
m := protojson.MarshalOptions{AllowPartial: true}
body := req.GetLicenseResource()
jsonReq, err := m.Marshal(body)
if err != nil {
return nil, err
}

baseUrl, _ := url.Parse(c.endpoint)
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses", req.GetProject())

params := url.Values{ }
if req != nil && req.RequestId != nil {
params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
}

baseUrl.RawQuery = params.Encode()

// Build HTTP headers from client
and context metadata.
headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
resp := &computepb.Operation{ }
e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
if err != nil {
return err
}
httpReq = httpReq.WithContext(ctx)
httpReq.Header = headers

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
return err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
return err
}
}

```

```

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return err
}

if err := unmarshal(buf, resp); err != nil {
    return maybeUnknownEnum(err)
}

return nil
}, opts...)
if e != nil {
    return nil, e
}
op := &Operation{
    &globalOperationsHandle{
        c:    c.operationClient,
        proto:
        resp,
        project: req.GetProject(),
    },
}
return op, nil
}

```

// List retrieves the list of licenses available in the specified project. This method does not get any licenses that belong to other projects, including licenses attached to publicly-available images, like Debian 9. If you want to get a list of publicly-available licenses, use this method to make a request to the respective image project, such as debian-cloud or windows-cloud. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.

```

func (c *licensesRESTClient) List(ctx context.Context, req *computepb.ListLicensesRequest, opts
...gax.CallOption) *LicenseIterator {
    it := &LicenseIterator{}
    req = proto.Clone(req).(*computepb.ListLicensesRequest)
    unmarshalOptions := unmarshalOptions{AllowPartial: true, DiscardUnknown: true}
    it.InternalFetch = func(pageSize int, pageToken string) ([]*computepb.License, string, error) {
        resp := &computepb.LicensesListResponse{}
        if
        pageToken != "" {
            req.PageToken = proto.String(pageToken)
        }
        if pageSize > math.MaxInt32 {
            req.MaxResults = proto.Uint32(math.MaxInt32)
        } else if pageSize != 0 {
            req.MaxResults = proto.Uint32(uint32(pageSize))
        }
        baseUrl, _ := url.Parse(c.endpoint)

```

```

baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses", req.GetProject())

params := url.Values{}
if req != nil && req.Filter != nil {
    params.Add("filter", fmt.Sprintf("%v", req.GetFilter()))
}
if req != nil && req.MaxResults != nil {
    params.Add("maxResults", fmt.Sprintf("%v", req.GetMaxResults()))
}
if req != nil && req.OrderBy != nil {
    params.Add("orderBy", fmt.Sprintf("%v", req.GetOrderBy()))
}
if req != nil && req.PageToken != nil {
    params.Add("pageToken", fmt.Sprintf("%v", req.GetPageToken()))
}
if req != nil && req.ReturnPartialSuccess != nil {
    params.Add("returnPartialSuccess", fmt.Sprintf("%v", req.GetReturnPartialSuccess()))
}

baseUrl.RawQuery = params.Encode()

//
Build HTTP headers from client and context metadata.
headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
    httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
    if err != nil {
        return err
    }
    httpReq.Header = headers

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp); err != nil {
        return err
    }

    buf, err := ioutil.ReadAll(httpRsp.Body)
    if err != nil {
        return err
    }

    if err := unm.Unmarshal(buf, resp); err != nil {
        return maybeUnknownEnum(err)
    }
}

```

```

    }

    return nil
}, opts...)
if e != nil {
    return nil, "", e
}
it.Response = resp
return resp.GetItems(), resp.GetNextPageToken(), nil
}

fetch := func(pageSize int, pageToken string) (string, error) {
    items, nextPageToken, err := it.InternalFetch(pageSize,
pageToken)
    if err != nil {
        return "", err
    }
    it.items = append(it.items, items...)
    return nextPageToken, nil
}

it.pageInfo, it.nextFunc = iterator.NewPageInfo(fetch, it.bufLen, it.takeBuf)
it.pageInfo.MaxSize = int(req.GetMaxResults())
it.pageInfo.Token = req.GetPageToken()

return it
}

// SetIamPolicy sets the access control policy on the specified resource. Replaces any existing policy. Caution This
resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) SetIamPolicy(ctx context.Context, req *computepb.SetIamPolicyLicenseRequest,
opts ...gax.CallOption) (*computepb.Policy, error) {
    m := protojson.MarshalOptions{AllowPartial: true}
    body := req.GetGlobalSetPolicyRequestResource()
    jsonReq, err := m.Marshal(body)
    if err != nil {
        return nil, err
    }

    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/setIamPolicy",
req.GetProject(), req.GetResource())

    // Build HTTP headers from client and context metadata.
    headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
    unmarshalOptions := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
    resp := &computepb.Policy{}
    e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {

```

```

httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
if err != nil {
    return err
}
httpReq = httpReq.WithContext(ctx)
httpReq.Header = headers

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return err
}

if err := unm.Unmarshal(buf, resp); err != nil {
    return maybeUnknownEnum(err)
}

return nil
}, opts...)
if e != nil {
    return nil, e
}
return resp,
nil
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseRequest, opts ...gax.CallOption) (*computepb.TestPermissionsResponse,
error) {
    m := protojson.MarshalOptions{AllowPartial: true}
    body := req.GetTestPermissionsRequestResource()
    jsonReq, err := m.Marshal(body)
    if err != nil {
        return nil, err
    }

    baseUrl, _ := url.Parse(c.endpoint)

```

```

baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/testIamPermissions", req.GetProject(),
req.GetResource())

// Build HTTP headers from client and context metadata.
headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
resp := &computepb.TestPermissionsResponse{}
e
:= gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
    httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
    if err != nil {
        return err
    }
    httpReq = httpReq.WithContext(ctx)
    httpReq.Header = headers

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp); err != nil {
        return err
    }

    buf, err := ioutil.ReadAll(httpRsp.Body)
    if err != nil {
        return err
    }

    if err := unm.Unmarshal(buf, resp); err != nil {
        return maybeUnknownEnum(err)
    }

    return nil
}, opts...)
if e != nil {
    return nil, e
}
return resp, nil
}

// LicenseIterator manages a stream of *computepb.License.
type LicenseIterator struct {
    items []*computepb.License
    pageInfo *iterator.PageInfo
    nextFunc func() error

```

```

// Response is the raw response for the current page.
// It must be cast to the RPC response type.
//
Calling Next() or InternalFetch() updates this value.
Response interface{ }

// InternalFetch is for use by the Google Cloud Libraries only.
// It is not part of the stable interface of this package.
//
// InternalFetch returns results from a single call to the underlying RPC.
// The number of results is no greater than pageSize.
// If there are no more results, nextPageToken is empty and err is nil.
InternalFetch func(pageSize int, pageToken string) (results []*computepb.License, nextPageToken string, err error)
}

// PageInfo supports pagination. See the google.golang.org/api/iterator package for details.
func (it *LicenseIterator) PageInfo() *iterator.PageInfo {
return it.pageInfo
}

// Next returns the next result. Its second return value is iterator.Done if there are no more
// results. Once Next returns Done, all subsequent calls will return Done.
func (it *LicenseIterator) Next() (*computepb.License, error) {
var item *computepb.License
if err := it.nextFunc(); err !=
nil {
return item, err
}
item = it.items[0]
it.items = it.items[1:]
return item, nil
}

func (it *LicenseIterator) bufLen() int {
return len(it.items)
}

func (it *LicenseIterator) takeBuf() interface{} {
b := it.items
it.items = nil
return b
}
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```

```

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// Code generated by protoc-gen-go_gapic. DO NOT EDIT.

package compute_test

import (
    "context"

    compute "cloud.google.com/go/compute/apiv1"
    "google.golang.org/api/iterator"
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
)

func ExampleNewLicensesRESTClient() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer
    c.Close()

    // TODO: Use client.
    _ = c
}

func ExampleLicensesClient_Delete() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.DeleteLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#DeleteLicenseRequest.
    }
    op, err := c.Delete(ctx, req)
    if err != nil {

```

```

// TODO: Handle error.
}

err = op.Wait(ctx)
if err != nil {
// TODO: Handle error.
}
}

func ExampleLicensesClient_Get() {
ctx := context.Background()
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
// TODO: Handle error.
}
defer c.Close()

req := &computepb.GetLicenseRequest{
// TODO: Fill request struct fields.
// See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetLicenseRequest.
}
resp, err := c.Get(ctx, req)
if err != nil {
// TODO: Handle error.
}
// TODO: Use resp.
_
= resp
}

func ExampleLicensesClient_GetIamPolicy() {
ctx := context.Background()
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
// TODO: Handle error.
}
defer c.Close()

req := &computepb.GetIamPolicyLicenseRequest{
// TODO: Fill request struct fields.
// See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetIamPolicyLicenseRequest.
}
resp, err := c.GetIamPolicy(ctx, req)
if err != nil {
// TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}

```

```

}

func ExampleLicensesClient_Insert() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.InsertLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#InsertLicenseRequest.
    }
    op, err := c.Insert(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }

    err = op.Wait(ctx)
    if err != nil {
        // TODO:
        Handle error.
    }
}

func ExampleLicensesClient_List() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.ListLicensesRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#ListLicensesRequest.
    }
    it := c.List(ctx, req)
    for {
        resp, err := it.Next()
        if err == iterator.Done {
            break
        }
        if err != nil {
            // TODO: Handle error.
        }
        // TODO: Use resp.
    }
}

```

```

    _ = resp
}
}

func ExampleLicensesClient_SetIamPolicy() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.SetIamPolicyLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#SetIamPolicyLicenseRequest.
    }
    resp, err := c.SetIamPolicy(ctx, req)
    if err !=
    nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}

func ExampleLicensesClient_TestIamPermissions() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.TestIamPermissionsLicenseRequest{
        // TODO: Fill request struct fields.
        // See
        https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#TestIamPermissionsLicenseRequest.
    }
    resp, err := c.TestIamPermissions(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}
}

```

1.329 go-kms 1.4.0

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```

```
// Code generated by protoc-gen-go_gapic. DO NOT EDIT.
```

```
package compute_test
```

```
import (
    "context"
```

```
    compute "cloud.google.com/go/compute/apiv1"
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
)
```

```
func ExampleNewLicenseCodesRESTClient() {
    ctx := context.Background()
    c, err := compute.NewLicenseCodesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

```

```
    // TODO: Use
    client.
    _ = c
}
```

```
func ExampleLicenseCodesClient_Get() {
    ctx := context.Background()
    c, err := compute.NewLicenseCodesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
}
```

```

defer c.Close()

req := &computepb.GetLicenseCodeRequest{
    // TODO: Fill request struct fields.
    // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetLicenseCodeRequest.
}
resp, err := c.Get(ctx, req)
if err != nil {
    // TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}

func ExampleLicenseCodesClient_TestIamPermissions() {
    ctx := context.Background()
    c, err := compute.NewLicenseCodesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.TestIamPermissionsLicenseCodeRequest{
        // TODO: Fill request struct fields.
        // See
        https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#TestIamPermissionsLicenseCodeRequest.
    }
    resp, err := c.TestIamPermissions(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    //
    // TODO: Use resp.
    _ = resp
}
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```

```

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// Code generated by protoc-gen-go_gapic. DO NOT EDIT.

package compute

import (
    "bytes"
    "context"
    "fmt"
    "io/ioutil"
    "net/http"
    "net/url"

    gax "github.com/googleapis/gax-go/v2"
    "google.golang.org/api/googleapi"
    "google.golang.org/api/option"
    "google.golang.org/api/option/internaloption"
    httptransport "google.golang.org/api/transport/http"
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
    "google.golang.org/grpc"
    "google.golang.org/grpc/metadata"
    "google.golang.org/protobuf/encoding/protojson"
)

var
    newLicenseCodesClientHook clientHook

// LicenseCodesCallOptions contains the retry settings for each method of LicenseCodesClient.
type LicenseCodesCallOptions struct {
    Get []gax.CallOption
    TestIamPermissions []gax.CallOption
}

// internalLicenseCodesClient is an interface that defines the methods available from Google Compute Engine API.
type internalLicenseCodesClient interface {
    Close() error
    setGoogleClientInfo(...string)
    Connection() *grpc.ClientConn
    Get(context.Context, *computepb.GetLicenseCodeRequest, ...gax.CallOption) (*computepb.LicenseCode, error)
    TestIamPermissions(context.Context, *computepb.TestIamPermissionsLicenseCodeRequest, ...gax.CallOption)
    (*computepb.TestPermissionsResponse, error)
}

// LicenseCodesClient is a client for interacting with Google Compute Engine API.
// Methods, except Close, may be called concurrently.
// However, fields must not be modified concurrently with method calls.
//

```

```

// The LicenseCodes API.
type LicenseCodesClient struct {
    // The internal transport-dependent client.
    internalClient internalLicenseCodesClient

    // The call options for this service.
    CallOptions *LicenseCodesCallOptions
}

// Wrapper methods routed to the internal client.

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *LicenseCodesClient) Close() error {
    return c.internalClient.Close()
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *LicenseCodesClient) setGoogleClientInfo(keyval ...string) {
    c.internalClient.setGoogleClientInfo(keyval...)
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *LicenseCodesClient) Connection() *grpc.ClientConn {
    return c.internalClient.Connection()
}

//
// Get return a specified license code. License codes are mirrored across all projects that have permissions to read the
// License Code. Caution This resource is intended for use only by third-party partners who are creating Cloud
// Marketplace images.
func (c *LicenseCodesClient) Get(ctx context.Context, req *computepb.GetLicenseCodeRequest, opts
...gax.CallOption) (*computepb.LicenseCode, error) {
    return c.internalClient.Get(ctx, req, opts...)
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
// intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicenseCodesClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {
    return c.internalClient.TestIamPermissions(ctx, req, opts...)
}

```

```

// Methods, except Close, may be called concurrently. However,
// fields must not be modified concurrently with method calls.
type licenseCodesRESTClient struct {
// The http endpoint to connect to.
endpoint string

// The http client.
httpClient *http.Client

// The x-goog-* metadata to be sent with each request.
xGoogMetadata metadata.MD
}

// NewLicenseCodesRESTClient creates a new license codes rest client.
//
// The LicenseCodes API.
func NewLicenseCodesRESTClient(ctx context.Context, opts ...option.ClientOption) (*LicenseCodesClient, error) {
clientOpts := append(defaultLicenseCodesRESTClientOptions(), opts...)
httpClient, endpoint, err := httptransport.NewClient(ctx, clientOpts...)
if err != nil {
return nil, err
}

c := &licenseCodesRESTClient{
endpoint: endpoint,
httpClient: httpClient,
}
c.setGoogleClientInfo()

return &LicenseCodesClient{internalClient: c, CallOptions: &LicenseCodesCallOptions{}}, nil
}

func defaultLicenseCodesRESTClientOptions() []option.ClientOption {
return []option.ClientOption{
internaloption.WithDefaultEndpoint("https://compute.googleapis.com"),
internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
internaloption.WithDefaultAudience("https://compute.googleapis.com/"),
internaloption.WithDefaultScopes(DefaultAuthScopes()...),
}
}

//
// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *licenseCodesRESTClient) setGoogleClientInfo(keyval ...string) {
kv := append([]string{"gl-go", versionGo()}, keyval...)
kv = append(kv, "gopic", getVersionClient(), "gax", gax.Version, "rest", "UNKNOWN")

```

```

c.xGoogMetadata = metadata.Pairs("x-goog-api-client", gax.XGoogHeader(kv...))
}

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *licenseCodesRESTClient) Close() error {
    // Replace httpClient with nil to force cleanup.
    c.httpClient = nil
    return nil
}

//
// Connection returns a connection to the API service.
//
// Deprecated.
func (c *licenseCodesRESTClient) Connection() *grpc.ClientConn {
    return nil
}

// Get return a specified license code. License codes are mirrored across all projects that have permissions to read the
// License Code. Caution This resource is intended for use only by third-party partners who are creating Cloud
// Marketplace images.
func (c *licenseCodesRESTClient) Get(ctx context.Context, req *computepb.GetLicenseCodeRequest, opts
...gax.CallOption) (*computepb.LicenseCode, error) {
    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v", req.GetProject(),
req.GetLicenseCode())

    // Build HTTP headers from client and context metadata.
    headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
    unmarshalOptions := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
    resp := &computepb.LicenseCode{}
    e := gax.Invoke(ctx,
func(ctx context.Context, settings gax.CallSettings) error {
    httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
    if err != nil {
        return err
    }
    httpReq = httpReq.WithContext(ctx)
    httpReq.Header = headers

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp); err != nil {

```

```

    return err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return err
}

if err := unmarshal(buf, resp); err != nil {
    return maybeUnknownEnum(err)
}

return nil
}, opts...)
if e != nil {
    return nil, e
}
return resp, nil
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licenseCodesRESTClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {
    m := protojson.MarshalOptions{AllowPartial: true}
    body := req.GetTestPermissionsRequestResource()
    jsonReq, err := m.Marshal(body)
    if err != nil {
        return nil, err
    }

    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v/testIamPermissions",
req.GetProject(), req.GetResource())

    // Build HTTP headers from client and context metadata.
    headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
    unmarshal := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
    resp := &computepb.TestPermissionsResponse{}
    e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
        httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
        if err != nil {
            return err
        }
        httpReq = httpReq.WithContext(ctx)
        httpReq.Header = headers

```

```

httpRsp, err := c.httpClient.Do(httpReq)
if
err != nil {
    return err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return err
}

if err := unmarshal(buf, resp); err != nil {
    return maybeUnknownEnum(err)
}

return nil
}, opts...)
if e != nil {
    return nil, e
}
return resp, nil
}

```

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// Code generated by protoc-gen-go_gapic. DO NOT EDIT.

package compute

```
import (  
    "bytes"  
    "context"  
    "fmt"  
    "io/ioutil"
```

```

"math"
"net/http"
"net/url"

gax "github.com/googleapis/gax-go/v2"
"google.golang.org/api/googleapi"
"google.golang.org/api/iterator"
"google.golang.org/api/option"
"google.golang.org/api/option/internaloption"
httptransport "google.golang.org/api/transport/http"
computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
"google.golang.org/grpc"
"google.golang.org/grpc/metadata"
"google.golang.org/protobuf/encoding/protojson"
"google.golang.org/protobuf/proto"
)

var
newLicensesClientHook clientHook

// LicensesCallOptions contains the retry settings for each method of LicensesClient.
type LicensesCallOptions struct {
Delete      []gax.CallOption
Get         []gax.CallOption
GetIamPolicy []gax.CallOption
Insert      []gax.CallOption
List        []gax.CallOption
SetIamPolicy []gax.CallOption
TestIamPermissions []gax.CallOption
}

// internalLicensesClient is an interface that defines the methods available from Google Compute Engine API.
type internalLicensesClient interface {
Close() error
setGoogleClientInfo(...string)
Connection() *grpc.ClientConn
Delete(context.Context, *computepb.DeleteLicenseRequest, ...gax.CallOption) (*Operation, error)
Get(context.Context, *computepb.GetLicenseRequest, ...gax.CallOption)
(*computepb.License, error)
GetIamPolicy(context.Context, *computepb.GetIamPolicyLicenseRequest, ...gax.CallOption) (*computepb.Policy,
error)
Insert(context.Context, *computepb.InsertLicenseRequest, ...gax.CallOption) (*Operation, error)
List(context.Context, *computepb.ListLicensesRequest, ...gax.CallOption) *LicenseIterator
SetIamPolicy(context.Context, *computepb.SetIamPolicyLicenseRequest, ...gax.CallOption) (*computepb.Policy,
error)
TestIamPermissions(context.Context, *computepb.TestIamPermissionsLicenseRequest, ...gax.CallOption)
(*computepb.TestPermissionsResponse, error)
}

```

```

// LicensesClient is a client for interacting with Google Compute Engine API.
// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
method calls.
//
// The Licenses API.
type LicensesClient struct {
// The internal transport-dependent client.
internalClient internalLicensesClient

// The call options for this service.
CallOptions
*LicensesCallOptions
}

// Wrapper methods routed to the internal client.

// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *LicensesClient) Close() error {
return c.internalClient.Close()
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *LicensesClient) setGoogleClientInfo(keyval ...string) {
c.internalClient.setGoogleClientInfo(keyval...)
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *LicensesClient) Connection() *grpc.ClientConn {
return c.internalClient.Connection()
}

// Delete deletes the specified license. Caution This resource is intended for use only by third-party partners who are
creating Cloud Marketplace images.
func (c *LicensesClient) Delete(ctx context.Context, req *computepb.DeleteLicenseRequest, opts ...gax.CallOption)
(*Operation, error) {
return c.internalClient.Delete(ctx, req, opts...)
}

// Get returns the specified License resource. Caution This resource is intended for use only by third-party partners
who are creating Cloud Marketplace images.
func (c *LicensesClient) Get(ctx context.Context, req *computepb.GetLicenseRequest, opts ...gax.CallOption)
(*computepb.License, error) {

```

```

return c.internalClient.Get(ctx, req, opts...)
}

// GetIamPolicy gets the access control policy for a resource. May be empty if no such policy or resource exists.
Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) GetIamPolicy(ctx context.Context, req *computepb.GetIamPolicyLicenseRequest, opts
...gax.CallOption) (*computepb.Policy, error) {
return c.internalClient.GetIamPolicy(ctx, req, opts...)
}

// Insert create a License resource in the specified project. Caution This resource is intended for use only by third-
party
partners who are creating Cloud Marketplace images.
func (c *LicensesClient) Insert(ctx context.Context, req *computepb.InsertLicenseRequest, opts ...gax.CallOption)
(*Operation, error) {
return c.internalClient.Insert(ctx, req, opts...)
}

// List retrieves the list of licenses available in the specified project. This method does not get any licenses that
belong to other projects, including licenses attached to publicly-available images, like Debian 9. If you want to get a
list of publicly-available licenses, use this method to make a request to the respective image project, such as debian-
cloud or windows-cloud. Caution This resource is intended for use only by third-party partners who are creating
Cloud Marketplace images.
func (c *LicensesClient) List(ctx context.Context, req *computepb.ListLicensesRequest, opts ...gax.CallOption)
*LicenseIterator {
return c.internalClient.List(ctx, req, opts...)
}

// SetIamPolicy sets the access control policy on the specified resource. Replaces
any existing policy. Caution This resource is intended for use only by third-party partners who are creating Cloud
Marketplace images.
func (c *LicensesClient) SetIamPolicy(ctx context.Context, req *computepb.SetIamPolicyLicenseRequest, opts
...gax.CallOption) (*computepb.Policy, error) {
return c.internalClient.SetIamPolicy(ctx, req, opts...)
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseRequest, opts ...gax.CallOption) (*computepb.TestPermissionsResponse,
error) {
return c.internalClient.TestIamPermissions(ctx, req, opts...)
}

// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
method calls.
type licensesRESTClient struct {
// The http endpoint to connect to.

```

```

endpoint
string

// The http client.
httpClient *http.Client

// operationClient is used to call the operation-specific management service.
operationClient *GlobalOperationsClient

// The x-goog-* metadata to be sent with each request.
xGoogMetadata metadata.MD
}

// NewLicensesRESTClient creates a new licenses rest client.
//
// The Licenses API.
func NewLicensesRESTClient(ctx context.Context, opts ...option.ClientOption) (*LicensesClient, error) {
    clientOpts := append(defaultLicensesRESTClientOptions(), opts...)
    httpClient, endpoint, err := httptransport.NewClient(ctx, clientOpts...)
    if err != nil {
        return nil, err
    }

    c := &licensesRESTClient{
        endpoint: endpoint,
        httpClient: httpClient,
    }
    c.setGoogleClientInfo()

    o := []option.ClientOption{
        option.WithHTTPClient(httpClient),
        option.WithEndpoint(endpoint),
    }
    opC, err := NewGlobalOperationsRESTClient(ctx, o...)
    if err != nil {
        return nil, err
    }
    c.operationClient = opC

    return &LicensesClient{internalClient:
        c, CallOptions: &LicensesCallOptions{ }}, nil
}

func defaultLicensesRESTClientOptions() []option.ClientOption {
    return []option.ClientOption{
        internaloption.WithDefaultEndpoint("https://compute.googleapis.com"),
        internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
        internaloption.WithDefaultAudience("https://compute.googleapis.com/"),
    }
}

```

```

    internaloption.WithDefaultScopes(DefaultAuthScopes()),
  }
}

// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *licensesRESTClient) setGoogleClientInfo(keyval ...string) {
  kv := append([]string{"gl-go", versionGo()}, keyval...)
  kv = append(kv, "gapic", getVersionClient(), "gax", gax.Version, "rest", "UNKNOWN")
  c.xGoogMetadata = metadata.Pairs("x-goog-api-client", gax.XGoogHeader(kv...))
}

// Close closes the connection to the API service. The user should invoke this when
// the
// client is no longer required.
func (c *licensesRESTClient) Close() error {
  // Replace httpClient with nil to force cleanup.
  c.httpClient = nil
  if err := c.operationClient.Close(); err != nil {
    return err
  }
  return nil
}

// Connection returns a connection to the API service.
//
// Deprecated.
func (c *licensesRESTClient) Connection() *grpc.ClientConn {
  return nil
}

// Delete deletes the specified license. Caution This resource is intended for use only by third-party partners who are
// creating Cloud Marketplace images.
func (c *licensesRESTClient) Delete(ctx context.Context, req *computepb.DeleteLicenseRequest, opts
...gax.CallOption) (*Operation, error) {
  baseUrl, _ := url.Parse(c.endpoint)
  baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v", req.GetProject(), req.GetLicense())

  params := url.Values{ }
  if req != nil && req.RequestId != nil {
    params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
  }

  baseUrl.RawQuery = params.Encode()

  // Build

```

```

HTTP headers from client and context metadata.
headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
unm := protojson.UnmarshalOptions{ AllowPartial: true, DiscardUnknown: true }
resp := &compute.Operation{ }
e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
    httpReq, err := http.NewRequest("DELETE", baseUrl.String(), nil)
    if err != nil {
        return err
    }
    httpReq = httpReq.WithContext(ctx)
    httpReq.Header = headers

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp); err != nil {
        return err
    }

    buf, err := ioutil.ReadAll(httpRsp.Body)
    if err != nil {
        return err
    }

    if err := unm.Unmarshal(buf, resp); err != nil {
        return maybeUnknownEnum(err)
    }

    return nil
}, opts...)
if e != nil {
    return nil, e
}
op := &Operation{
    &globalOperationsHandle{
        c:    c.operationClient,
        proto:
        resp,
        project: req.GetProject(),
    },
}
return op, nil
}

// Get returns the specified License resource. Caution This resource is intended for use only by third-party partners

```

who are creating Cloud Marketplace images.

```
func (c *licensesRESTClient) Get(ctx context.Context, req *computepb.GetLicenseRequest, opts ...gax.CallOption)
(*computepb.License, error) {
    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v", req.GetProject(), req.GetLicense())

    // Build HTTP headers from client and context metadata.
    headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
    unmarshalOptions := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
    resp := &computepb.License{}
    e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
        httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
        if err != nil {
            return err
        }
        httpReq = httpReq.WithContext(ctx)
        httpReq.Header
        = headers

        httpRsp, err := c.httpClient.Do(httpReq)
        if err != nil {
            return err
        }
        defer httpRsp.Body.Close()

        if err = googleapi.CheckResponse(httpRsp); err != nil {
            return err
        }

        buf, err := ioutil.ReadAll(httpRsp.Body)
        if err != nil {
            return err
        }

        if err := unmarshalOptions.Unmarshal(buf, resp); err != nil {
            return maybeUnknownEnum(err)
        }

        return nil
    }, opts...)
    if e != nil {
        return nil, e
    }
    return resp, nil
}
```

// GetIamPolicy gets the access control policy for a resource. May be empty if no such policy or resource exists.
Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.

```

func (c *licensesRESTClient) GetIamPolicy(ctx context.Context, req *computepb.GetIamPolicyLicenseRequest,
opts ...gax.CallOption) (*computepb.Policy, error) {
    baseUrl, _ := url.Parse(c.endpoint)
    baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/getIamPolicy", req.GetProject(),
req.GetResource())

    params := url.Values{ }
    if req != nil && req.OptionsRequestedPolicyVersion != nil {
        params.Add("optionsRequestedPolicyVersion", fmt.Sprintf("%v", req.GetOptionsRequestedPolicyVersion()))
    }

    baseUrl.RawQuery = params.Encode()

    // Build HTTP headers from client and context metadata.
    headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
    unmarshalOptions := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
    resp := &computepb.Policy{ }
    e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
        httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
        if err != nil {
            return err
        }
        httpReq = httpReq.WithContext(ctx)
        httpReq.Header = headers

        httpRsp, err := c.httpClient.Do(httpReq)
        if err != nil {
            return err
        }
        defer httpRsp.Body.Close()

        if err = googleapi.CheckResponse(httpRsp); err != nil {
            return err
        }

        buf, err := ioutil.ReadAll(httpRsp.Body)
        if err
        != nil {
            return err
        }

        if err := unmarshalOptions.Unmarshal(buf, resp); err != nil {
            return maybeUnknownEnum(err)
        }

        return nil
    }, opts...)
    if e != nil {

```

```

return nil, e
}
return resp, nil
}

// Insert create a License resource in the specified project. Caution This resource is intended for use only by third-
party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Insert(ctx context.Context, req *computepb.InsertLicenseRequest, opts
...gax.CallOption) (*Operation, error) {
m := protojson.MarshalOptions{ AllowPartial: true }
body := req.GetLicenseResource()
jsonReq, err := m.Marshal(body)
if err != nil {
return nil, err
}

baseUrl, _ := url.Parse(c.endpoint)
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses", req.GetProject())

params := url.Values{ }
if req != nil && req.RequestId != nil {
params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
}

baseUrl.RawQuery = params.Encode()

// Build HTTP headers from client
and context metadata.
headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
unm := protojson.UnmarshalOptions{ AllowPartial: true, DiscardUnknown: true }
resp := &computepb.Operation{ }
e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
if err != nil {
return err
}
httpReq = httpReq.WithContext(ctx)
httpReq.Header = headers

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
return err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
return err
}
}

```

```

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return err
}

if err := unmarshal(buf, resp); err != nil {
    return maybeUnknownEnum(err)
}

return nil
}, opts...)
if e != nil {
    return nil, e
}
op := &Operation{
    &globalOperationsHandle{
        c:    c.operationClient,
        proto:
        resp,
        project: req.GetProject(),
    },
}
return op, nil
}

```

// List retrieves the list of licenses available in the specified project. This method does not get any licenses that belong to other projects, including licenses attached to publicly-available images, like Debian 9. If you want to get a list of publicly-available licenses, use this method to make a request to the respective image project, such as debian-cloud or windows-cloud. Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.

```

func (c *licensesRESTClient) List(ctx context.Context, req *computepb.ListLicensesRequest, opts
...gax.CallOption) *LicenseIterator {
    it := &LicenseIterator{}
    req = proto.Clone(req).(*computepb.ListLicensesRequest)
    unmarshalOptions := unmarshalOptions{AllowPartial: true, DiscardUnknown: true}
    it.InternalFetch = func(pageSize int, pageToken string) ([]*computepb.License, string, error) {
        resp := &computepb.LicensesListResponse{}
        if
        pageToken != "" {
            req.PageToken = proto.String(pageToken)
        }
        if pageSize > math.MaxInt32 {
            req.MaxResults = proto.Uint32(math.MaxInt32)
        } else if pageSize != 0 {
            req.MaxResults = proto.Uint32(uint32(pageSize))
        }
        baseUrl, _ := url.Parse(c.endpoint)

```

```

baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses", req.GetProject())

params := url.Values{}
if req != nil && req.Filter != nil {
    params.Add("filter", fmt.Sprintf("%v", req.GetFilter()))
}
if req != nil && req.MaxResults != nil {
    params.Add("maxResults", fmt.Sprintf("%v", req.GetMaxResults()))
}
if req != nil && req.OrderBy != nil {
    params.Add("orderBy", fmt.Sprintf("%v", req.GetOrderBy()))
}
if req != nil && req.PageToken != nil {
    params.Add("pageToken", fmt.Sprintf("%v", req.GetPageToken()))
}
if req != nil && req.ReturnPartialSuccess != nil {
    params.Add("returnPartialSuccess", fmt.Sprintf("%v", req.GetReturnPartialSuccess()))
}

baseUrl.RawQuery = params.Encode()

//
Build HTTP headers from client and context metadata.
headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
    httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
    if err != nil {
        return err
    }
    httpReq.Header = headers

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp); err != nil {
        return err
    }

    buf, err := ioutil.ReadAll(httpRsp.Body)
    if err != nil {
        return err
    }

    if err := unm.Unmarshal(buf, resp); err != nil {
        return maybeUnknownEnum(err)
    }

```

```

    }

    return nil
  }, opts...)
  if e != nil {
    return nil, "", e
  }
  it.Response = resp
  return resp.GetItems(), resp.GetNextPageToken(), nil
}

fetch := func(pageSize int, pageToken string) (string, error) {
  items, nextPageToken, err := it.InternalFetch(pageSize,
  pageToken)
  if err != nil {
    return "", err
  }
  it.items = append(it.items, items...)
  return nextPageToken, nil
}

it.pageInfo, it.nextFunc = iterator.NewPageInfo(fetch, it.bufLen, it.takeBuf)
it.pageInfo.MaxSize = int(req.GetMaxResults())
it.pageInfo.Token = req.GetPageToken()

return it
}

// SetIamPolicy sets the access control policy on the specified resource. Replaces any existing policy. Caution This
resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) SetIamPolicy(ctx context.Context, req *computepb.SetIamPolicyLicenseRequest,
opts ...gax.CallOption) (*computepb.Policy, error) {
  m := protojson.MarshalOptions{AllowPartial: true}
  body := req.GetGlobalSetPolicyRequestResource()
  jsonReq, err := m.Marshal(body)
  if err != nil {
    return nil, err
  }

  baseUrl, _ := url.Parse(c.endpoint)
  baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/setIamPolicy",
  req.GetProject(), req.GetResource())

  // Build HTTP headers from client and context metadata.
  headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
  unmarshal := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
  resp := &computepb.Policy{}
  e := gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {

```

```

httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
if err != nil {
    return err
}
httpReq = httpReq.WithContext(ctx)
httpReq.Header = headers

httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
    return err
}
defer httpRsp.Body.Close()

if err = googleapi.CheckResponse(httpRsp); err != nil {
    return err
}

buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
    return err
}

if err := unm.Unmarshal(buf, resp); err != nil {
    return maybeUnknownEnum(err)
}

return nil
}, opts...)
if e != nil {
    return nil, e
}
return resp,
nil
}

// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseRequest, opts ...gax.CallOption) (*computepb.TestPermissionsResponse,
error) {
    m := protojson.MarshalOptions{AllowPartial: true}
    body := req.GetTestPermissionsRequestResource()
    jsonReq, err := m.Marshal(body)
    if err != nil {
        return nil, err
    }

    baseUrl, _ := url.Parse(c.endpoint)

```

```

baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/testIamPermissions", req.GetProject(),
req.GetResource())

// Build HTTP headers from client and context metadata.
headers := buildHeaders(ctx, c.xGoogMetadata, metadata.Pairs("Content-Type", "application/json"))
unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
resp := &computepb.TestPermissionsResponse{}
e
:= gax.Invoke(ctx, func(ctx context.Context, settings gax.CallSettings) error {
    httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
    if err != nil {
        return err
    }
    httpReq = httpReq.WithContext(ctx)
    httpReq.Header = headers

    httpRsp, err := c.httpClient.Do(httpReq)
    if err != nil {
        return err
    }
    defer httpRsp.Body.Close()

    if err = googleapi.CheckResponse(httpRsp); err != nil {
        return err
    }

    buf, err := ioutil.ReadAll(httpRsp.Body)
    if err != nil {
        return err
    }

    if err := unm.Unmarshal(buf, resp); err != nil {
        return maybeUnknownEnum(err)
    }

    return nil
}, opts...)
if e != nil {
    return nil, e
}
return resp, nil
}

// LicenseIterator manages a stream of *computepb.License.
type LicenseIterator struct {
    items []*computepb.License
    pageInfo *iterator.PageInfo
    nextFunc func() error

```

```

// Response is the raw response for the current page.
// It must be cast to the RPC response type.
//
Calling Next() or InternalFetch() updates this value.
Response interface{ }

// InternalFetch is for use by the Google Cloud Libraries only.
// It is not part of the stable interface of this package.
//
// InternalFetch returns results from a single call to the underlying RPC.
// The number of results is no greater than pageSize.
// If there are no more results, nextPageToken is empty and err is nil.
InternalFetch func(pageSize int, pageToken string) (results []*computepb.License, nextPageToken string, err error)
}

// PageInfo supports pagination. See the google.golang.org/api/iterator package for details.
func (it *LicenseIterator) PageInfo() *iterator.PageInfo {
return it.pageInfo
}

// Next returns the next result. Its second return value is iterator.Done if there are no more
// results. Once Next returns Done, all subsequent calls will return Done.
func (it *LicenseIterator) Next() (*computepb.License, error) {
var item *computepb.License
if err := it.nextFunc(); err !=
nil {
return item, err
}
item = it.items[0]
it.items = it.items[1:]
return item, nil
}

func (it *LicenseIterator) bufLen() int {
return len(it.items)
}

func (it *LicenseIterator) takeBuf() interface{} {
b := it.items
it.items = nil
return b
}
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```

```

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// Code generated by protoc-gen-go_gapic. DO NOT EDIT.

package compute_test

import (
    "context"

    compute "cloud.google.com/go/compute/apiv1"
    "google.golang.org/api/iterator"
    computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
)

func ExampleNewLicensesRESTClient() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer
    c.Close()

    // TODO: Use client.
    _ = c
}

func ExampleLicensesClient_Delete() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.DeleteLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#DeleteLicenseRequest.
    }
    op, err := c.Delete(ctx, req)
    if err != nil {

```

```

// TODO: Handle error.
}

err = op.Wait(ctx)
if err != nil {
// TODO: Handle error.
}
}

func ExampleLicensesClient_Get() {
ctx := context.Background()
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
// TODO: Handle error.
}
defer c.Close()

req := &computepb.GetLicenseRequest{
// TODO: Fill request struct fields.
// See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetLicenseRequest.
}
resp, err := c.Get(ctx, req)
if err != nil {
// TODO: Handle error.
}
// TODO: Use resp.
_
= resp
}

func ExampleLicensesClient_GetIamPolicy() {
ctx := context.Background()
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
// TODO: Handle error.
}
defer c.Close()

req := &computepb.GetIamPolicyLicenseRequest{
// TODO: Fill request struct fields.
// See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetIamPolicyLicenseRequest.
}
resp, err := c.GetIamPolicy(ctx, req)
if err != nil {
// TODO: Handle error.
}
// TODO: Use resp.
_ = resp
}

```

```

}

func ExampleLicensesClient_Insert() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.InsertLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#InsertLicenseRequest.
    }
    op, err := c.Insert(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }

    err = op.Wait(ctx)
    if err != nil {
        // TODO:
        Handle error.
    }
}

func ExampleLicensesClient_List() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.ListLicensesRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#ListLicensesRequest.
    }
    it := c.List(ctx, req)
    for {
        resp, err := it.Next()
        if err == iterator.Done {
            break
        }
        if err != nil {
            // TODO: Handle error.
        }
        // TODO: Use resp.
    }
}

```

```

    _ = resp
}
}

func ExampleLicensesClient_SetIamPolicy() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.SetIamPolicyLicenseRequest{
        // TODO: Fill request struct fields.
        // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#SetIamPolicyLicenseRequest.
    }
    resp, err := c.SetIamPolicy(ctx, req)
    if err !=
    nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}

func ExampleLicensesClient_TestIamPermissions() {
    ctx := context.Background()
    c, err := compute.NewLicensesRESTClient(ctx)
    if err != nil {
        // TODO: Handle error.
    }
    defer c.Close()

    req := &computepb.TestIamPermissionsLicenseRequest{
        // TODO: Fill request struct fields.
        // See
        https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#TestIamPermissionsLicenseRequest.
    }
    resp, err := c.TestIamPermissions(ctx, req)
    if err != nil {
        // TODO: Handle error.
    }
    // TODO: Use resp.
    _ = resp
}

```

1.330 prometheus-procfs 0.8.0

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1.331 ca-certificates 20220614-r0

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1.332 x-time-rate 0.0.0-20220609170525-579cf78fd858

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1.333 x-sync 0.0.0-20220722155255-886fb9371eb4

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1.334 dlmiddlecote-sqlstats 1.0.2

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1.335 zlib 1.2.12-r3

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1.337 mongo-driver v1.10.0

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1.338 github.com/google/go-github/v45 v45.2.0

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//

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package github

```
import (  
    "context"  
    "fmt"  
)
```

```
// LicensesService handles communication with the license related
```

```
// methods of the GitHub API.
```

```
//
```

```
// GitHub API docs: https://docs.github.com/en/rest/licenses/
```

```
type LicensesService service
```

```
// RepositoryLicense represents the license for a repository.
```

```
type RepositoryLicense struct {  
    Name *string `json:"name,omitempty"`  
    Path *string `json:"path,omitempty"`
```

```
    SHA *string `json:"sha,omitempty"`
```

```

Size      *int    `json:"size,omitempty"`
URL       *string `json:"url,omitempty"`
HTMLURL   *string `json:"html_url,omitempty"`
GitURL    *string `json:"git_url,omitempty"`
DownloadURL *string `json:"download_url,omitempty"`
Type      *string `json:"type,omitempty"`
Content   *string `json:"content,omitempty"`
Encoding  *string `json:"encoding,omitempty"`
License
    *License `json:"license,omitempty"`
}

func (l RepositoryLicense) String() string {
    return Stringify(l)
}

// License represents an open source license.
type License struct {
    Key *string `json:"key,omitempty"`
    Name *string `json:"name,omitempty"`
    URL *string `json:"url,omitempty"`

    SPDXID *string `json:"spdx_id,omitempty"`
    HTMLURL *string `json:"html_url,omitempty"`
    Featured *bool `json:"featured,omitempty"`
    Description *string `json:"description,omitempty"`
    Implementation *string `json:"implementation,omitempty"`
    Permissions *[]string `json:"permissions,omitempty"`
    Conditions *[]string `json:"conditions,omitempty"`
    Limitations *[]string `json:"limitations,omitempty"`
    Body *string `json:"body,omitempty"`
}

func (l License) String() string {
    return Stringify(l)
}

// List popular open source licenses.
//
// GitHub API docs: https://docs.github.com/en/rest/licenses/#list-all-licenses
func (s
*LicensesService) List(ctx context.Context) ([]*License, *Response, error) {
    req, err := s.client.NewRequest("GET", "licenses", nil)
    if err != nil {
        return nil, nil, err
    }

    var licenses []*License

```

```

resp, err := s.client.Do(ctx, req, &licenses)
if err != nil {
    return nil, resp, err
}

return licenses, resp, nil
}

// Get extended metadata for one license.
//
// GitHub API docs: https://docs.github.com/en/rest/licenses#get-a-license
func (s *LicensesService) Get(ctx context.Context, licenseName string) (*License, *Response, error) {
    u := fmt.Sprintf("licenses/%s", licenseName)

    req, err := s.client.NewRequest("GET", u, nil)
    if err != nil {
        return nil, nil, err
    }

    license := new(License)
    resp, err := s.client.Do(ctx, req, license)
    if err != nil {
        return nil, resp, err
    }

    return license, resp, nil
}

```

1.339 githubcomgoopenapivalidate v0.22.0

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1.343 getsentry-sentry-go 0.13.0

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1.344 protobuf v1.28.1

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1.345 contrib-propagators-jaeger 1.6.0

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title: Notice

description : "Message pour vous aider structurer votre contenu"

Le shortcode `*Notice*` permet d'afficher 4 types de message pour vous aider structurer votre contenu.

Note

```
{{%/notice note */%}}
```

Une notice de type `*note*`

```
{{%/notice */%}}
```

s'affiche comme

```
{{% notice note % }}
Une notice de type *note*
{{% /notice % }}
```

Info

```
...
{{%/ notice info */% }}
Une notice de type *info*
{{%/ notice */% }}
...
```

s'affiche comme

```
{{% notice info % }}
Une notice de type *info*
{{% /notice % }}
```

Tip

```
...
{{%/ notice tip */% }}
Une notice de type *tip*
{{%/ notice */% }}
...
```

s'affiche comme

```
{{% notice tip % }}
Une notice de type *tip*
{{% /notice % }}
```

Warning

```
...
{{%/ notice warning */% }}
Une notice de type *warning*
{{%/ notice */% }}
...
```

s'affiche comme

```
{{% notice warning % }}
Une notice de type *warning*
{{% /notice % }}
```

title: Notice

description : "Disclaimers to help you structure your page"

The notice shortcode shows 4 types of disclaimers to help you structure your page.

Note

```
{{%/notice note */%}}
```

A notice disclaimer

```
{{%/notice */%}}
```

renders as

```
{{% notice note %}}
```

A notice disclaimer

```
{{% /notice %}}
```

Info

```
{{%/notice info */%}}
```

An information disclaimer

```
{{%/notice */%}}
```

renders as

```
{{% notice info %}}
```

An information disclaimer

```
{{% /notice %}}
```

Tip

```
{{%/notice tip */%}}
```

A tip disclaimer

```
{{%/notice */%}}
```

renders as

```
{{% notice tip %}}
```

A tip disclaimer

```
{{% /notice %}}
```

Warning

```
***
{{%/* notice warning */%}}
An warning disclaimer
{{%/* /notice */%}}
***
```

renders as

```
{{% notice warning %}}
A warning disclaimer
{{% /notice %}}
```

1.352 cuelang.org-go 0.4.3

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1.353 cors 1.8.2

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1.354 ca-certificates-bundle 20220614-r0

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```
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 * C implementation based on the original Perl and shell versions
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1.355 github.com/mattermost/xml-roundtrip-validator v0.1.0

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1.356 russellhaering-goxmldsig v1.1.1

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1.357 gopkg.in-ini 1.66.2

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1.358 github.com/vectordotdev/go-datemath v0.1.1-0.20220323213446-f3954d0b18ae

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1.360 github.com/azure/azure-sdk-for-go/sdk/keyvault/internal v0.2.1

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1.361 github.com/pierrec/lz4/v4 v4.1.8

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1.362 [prometheus v1.8.2-0.20211011171444-354d8d2ecfac](https://github.com/prometheus/prometheus)

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1.363

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lib/erl/src/Makefile.am

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For the aclocal/ax_boost_base.m4 and contrib/fb303/aclocal/ax_boost_base.m4 components:

```
# Copyright (c) 2007 Thomas Porschberg <thomas@randspringer.de>
#
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# the copyright notice and this notice are preserved.
```

For the lib/nodejs/lib/thrift/json_parse.js:

```
/*
  json_parse.js
  2015-05-02
  Public Domain.
  NO WARRANTY EXPRESSED OR IMPLIED. USE AT YOUR OWN RISK.

*/
(By Douglas Crockford <douglas@crockford.com>)
```

For lib/cpp/src/thrift/windows/SocketPair.cpp

```
/* socketpair.c
 * Copyright 2007 by Nathan C. Myers <ncm@cantrip.org>; some rights reserved.
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 * this copyright notice must
 * be retained, unchanged, in its entirety. If
 * for any reason the author might be held responsible for any consequences
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 */
```

For lib/py/compat/win32/stdint.h

```
// ISO C9x compliantstdint.h for Microsoft Visual Studio
// Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124
//
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//
////////////////////////////////////

```

Codegen template

in t_html_generator.h

```

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*
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* http://www.apache.org/licenses/LICENSE-2.0
*
* Designed and built with all the love in the world @twitter by @mdo and @fat.

```

For t_cl_generator.cc

```

* Copyright (c) 2008- Patrick Collison <patrick@collison.ie>
* Copyright (c) 2006- Facebook

```

1.364 flatbuffers v2.0.0+incompatible

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1.367 cortex v1.10.1-0.20211014125347-85c378182d0d

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1.368 azure-sdk-for-go v59.3.0+incompatible

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1.369 gonum v0.11.0

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1.371 github.com/azure/azure-sdk-for-go/sdk/keyvault/azkeys v0.4.0

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1.372

github.com/m3db/prometheus_remote_client_golang v0.4.4

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1.373 go-autorest v0.11.22

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1.374 github.com/cockroachdb/apd/v2 v2.0.2

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1.376 github.com/mna/redisc v1.3.2

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1.377 github.com/grafana/dskit v0.0.0-

20211011144203-3a88ec0b675f

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1.378 migrate v4.7.0

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1.379 github.com/influxdata/influxdb-client-go/v2 v2.6.0

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1.380 [redis](https://github.com/redis/redis) v8.11.4

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1.381 go-proxy v0.0.0-20220115173737- adb46da277ac

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1.382 github.com/getkin/kin-openapi v0.94.0

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1.383 github.com/azure/azure-sdk-for-go/sdk/azidentity v0.13.2

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1.385 github.com/dlclark/regexp2 v1.4.1-0.20201116162257-a2a8dda75c91

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1.386 github.com/azure/azure-sdk-for-go/sdk/azcore v0.22.0

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1.387 github.com/ohler55/ojg v1.12.9

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1.388 [go-testing-interface](https://github.com/ohler55/ojg) v1.14.0

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1.389 github.com/dop251/goja v0.0.0-20210804101310-32956a348b49

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1.390 github.com/azure/azure-sdk-for-go/sdk/internal v0.9.1

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1.391 [common](https://github.com/common/common) v0.0.0-20210913144402-035033b78a78

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1.392 github.com/google/wire v0.5.0

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1.393 github.com/azuread/microsoft-authentication-library-for-go v0.4.0

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1.394 go-openapi-validate 0.22.0

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1.395 go-openapi-strfmt 0.21.3

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1.396 go-openapi 0.24.1

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1.397 githubcomgoopenapispec v0.20.7

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package spec

import (
    "encoding/json"
    "testing"

    "github.com/stretchr/testify/assert"
)

var license = License{
    LicenseProps: LicenseProps{Name: "the name", URL: "the url"},
    VendorExtensible: VendorExtensible{Extensions: map[string]interface{}{"x-license": "custom term"}}}

const licenseJSON = `{
    "name": "the name",
    "url": "the url",
    "x-license": "custom term"
}`

func TestIntegrationLicense(t
    *testing.T) {

    // const licenseYAML = "name: the name\nurl: the url\n"

    b, err := json.MarshalIndent(license, "", "\t")
    if assert.NoError(t, err) {
        assert.Equal(t, licenseJSON, string(b))
    }

    actual := License{}
    err = json.Unmarshal([]byte(licenseJSON), &actual)
    if assert.NoError(t, err) {
        assert.EqualValues(t, license, actual)
    }
}
```

```

}
}
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import (
    "encoding/json"

    "github.com/go-openapi/swag"
)

// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
    LicenseProps
    VendorExtensible
}

// LicenseProps holds the properties of a License object
type LicenseProps struct {
    Name string `json:"name,omitempty"`
    URL  string `json:"url,omitempty"`
}

// UnmarshalJSON
hydrates License from json
func (l *License) UnmarshalJSON(data []byte) error {
    if err := json.Unmarshal(data, &l.LicenseProps); err != nil {
        return err
    }
    return json.Unmarshal(data, &l.VendorExtensible)
}

// MarshalJSON produces License as json

```

```
func (l License) MarshalJSON() ([]byte, error) {
    b1, err := json.Marshal(l.LicenseProps)
    if err != nil {
        return nil, err
    }
    b2, err := json.Marshal(l.VendorExtensible)
    if err != nil {
        return nil, err
    }
    return swag.ConcatJSON(b1, b2), nil
}
```

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1.407 x-sys 0.0.0-20220728004956-3c1f35247d10

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1.413 go-openapi-spec 0.20.7

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package spec

import (
    "encoding/json"
    "testing"

    "github.com/stretchr/testify/assert"
)

var license = License{
    LicenseProps: LicenseProps{Name: "the name", URL: "the url"},
    VendorExtensible: VendorExtensible{Extensions: map[string]interface{}{"x-license": "custom term"}}}

const licenseJSON = `{
    "name": "the name",
    "url": "the url",
    "x-license": "custom term"
}`

func TestIntegrationLicense(t
    *testing.T) {
```

```

// const licenseYAML = "name: the name\nurl: the url\n"

b, err := json.MarshalIndent(license, "", "\t")
if assert.NoError(t, err) {
    assert.Equal(t, licenseJSON, string(b))
}

actual := License{}
err = json.Unmarshal([]byte(licenseJSON), &actual)
if assert.NoError(t, err) {
    assert.EqualValues(t, license, actual)
}
}

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package spec

import (
    "encoding/json"

    "github.com/go-openapi/swag"
)

// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
    LicenseProps
    VendorExtensible
}

// LicenseProps holds the properties of a License object
type LicenseProps struct {
    Name string `json:"name,omitempty"`
    URL  string `json:"url,omitempty"`
}

```

```

// UnmarshalJSON
hydrates License from json
func (l *License) UnmarshalJSON(data []byte) error {
if err := json.Unmarshal(data, &l.LicenseProps); err != nil {
return err
}
return json.Unmarshal(data, &l.VendorExtensible)
}

// MarshalJSON produces License as json
func (l License) MarshalJSON() ([]byte, error) {
b1, err := json.Marshal(l.LicenseProps)
if err != nil {
return nil, err
}
b2, err := json.Marshal(l.VendorExtensible)
if err != nil {
return nil, err
}
return swag.ConcatJSON(b1, b2), nil
}

```

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1.414 clockwork 0.3.0

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Clockwork - a clock process to replace cron

=====

Cron is non-ideal for running scheduled application tasks, especially in an app deployed to multiple machines. [More details.](http://adam.heroku.com/past/2010/4/13/rethinking_cron/)

Clockwork is a cron replacement. It runs as a lightweight, long-running Ruby process which sits alongside your web processes (Mongrel/Thin) and your worker processes (DJ/Resque/Minion/Stalker) to schedule recurring work at particular times or dates. For example, refreshing feeds on an hourly basis, or send reminder emails on a nightly basis, or generating invoices once a month on the 1st.

Quickstart

Create clock.rb:

```
require 'clockwork'
include Clockwork

handler do |job|
  puts "Running #{job}"
end

every(10.seconds, 'frequent.job')
every(3.minutes, 'less.frequent.job')
every(1.hour, 'hourly.job')

every(1.day, 'midnight.job', :at => '00:00')
```

Run it with the clockwork binary:

```
$ clockwork clock.rb
Starting clock for 4 events: [ frequent.job less.frequent.job hourly.job midnight.job ]
Triggering frequent.job
```

Use with queueing

The clock process only makes sense as a place to schedule work to be done, not to do the work. It avoids locking by running as a single process, but this makes it impossible to parallelize. For doing the work, you should be using a job queueing system, such as

[Delayed Job](<http://www.therailsway.com/2009/7/22/do-it-later-with-delayed-job>),
[Beanstalk/Stalker](http://adam.heroku.com/past/2010/4/24/beanstalk_a_simple_and_fast_queueing_backend/),
[RabbitMQ/Minion](http://adamblog.heroku.com/past/2009/9/28/background_jobs_with_rabbitmq_and_minion/),
or

[Resque](http://github.com/blog/542-introducing-resque). This design allows a simple clock process with no locks, but also offers near infinite horizontal scalability.

For example,

if you're using Beanstalk/Staker:

```
require 'stalker'

handler { |job| Stalker.enqueue(job) }

every(1.hour, 'feeds.refresh')
every(1.day, 'reminders.send', :at => '01:30')
```

Using a queueing system which doesn't require that your full application be loaded is preferable, because the clock process can keep a tiny memory footprint. If you're using DJ or Resque, however, you can go ahead and load your full application environment, and use per-event blocks to call DJ or Resque enqueue methods. For example, with DJ/Rails:

```
require 'config/boot'
require 'config/environment'

every(1.hour, 'feeds.refresh') { Feed.send_later(:refresh) }
every(1.day, 'reminders.send', :at => '01:30') { Reminder.send_later(:send_reminders) }
```

Anatomy of a clock file

clock.rb is standard Ruby. Since we include the Clockwork module (the clockwork binary does this automatically, or you can do it explicitly), this exposes a small DSL ("handler" and "every") to define the handler for events, and then the events themselves.

The handler typically looks like this:

```
handler { |job| enqueue_your_job(job) }
```

This block will be invoked every time an event is triggered, with the job name passed in. In most cases, you should be able to pass the job name directly through to your queueing system.

The second part of the file are the events, which roughly resembles a crontab:

```
every(5.minutes, 'thing.do')
every(1.hour, 'otherthing.do')
```

In the first line of this example, an event will be triggered once every five minutes, passing the job name 'thing.do' into the handler. The handler shown above would thus call `enqueue_your_job('thing.do')`.

You can also pass a custom block to the handler, for job queueing systems that rely on classes rather than job names (i.e. DJ and Resque). In this case, you need not define a general event handler, and instead provide one with each event:

```
every(5.minutes, 'thing.do') { Thing.send_later(:do)
}
```

If you provide a custom handler for the block, the job name is used only for logging.

You can also use blocks to do more complex checks:

```
every(1.day, 'check.leap.year') do
  Stalker.enqueue('leap.year.party') if Time.now.year % 4 == 0
end
```

In production

Only one clock process should ever be running across your whole application deployment. For example, if your app is running on three VPS machines (two app servers and one database), your app machines might have the following process topography:

- * App server 1: 3 web (thin start), 3 workers (rake jobs:work), 1 clock (clockwork clock.rb)
- * App server 2: 3 web (thin start), 3 workers (rake jobs:work)

You should use Monit, God, Upstart, or Inittab to keep your clock process running the same way you keep your web and workers running.

Meta

Created by Adam Wiggins

Inspired by [rufus-scheduler](<http://rufus.rubyforge.org/rufus-scheduler/>) and [http://github.com/bvandenbos/resque-scheduler]([resque-scheduler](http://github.com/bvandenbos/resque-scheduler/))

Design

assistance from Peter van Hardenberg and Matthew Soldo

Patches contributed by Mark McGranaghan and Lukáš Konarovský

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<http://github.com/adamwiggins/clockwork>

Found in path(s):

* /opt/cola/permits/1431660334_1664780807.794503/0/clockwork-0-3-0-gem/data-tar-gz/README.md

1.415 golang-protobuf-extensions 1.0.2

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1.417 go-md2man v2.0.2

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1.418 stretchr-testify v1.8.0

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1.419 sqlx v1.3.5

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1.420 azure-azure-sdk-for-go-sdk-keyvault-azkeys 0.4.0

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1.421 azure-azure-sdk-for-go-sdk-keyvault-internal 0.2.1

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1.422 azure-azure-sdk-for-go-sdk-azcore

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1.423 azure-azure-sdk-for-go-sdk-internal

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1.426 grafana-grafana-azure-sdk-go 1.3.0

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1.427 gofrs-uuid 4.3.0+incompatible

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1.428 x-sync v0.0.0-20220722155255-886fb9371eb4

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1.429 x-sys v0.0.0-20220728004956-3c1f35247d10

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1.430 x-time v0.0.0-20220609170525-579cf78fd858

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1.431 x-text 0.4.0

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1.432 github 45.2.0

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```

```
//
```

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```

```
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```

```
package github
```

```
import (
```

```
    "context"
```

```
    "fmt"
```

```
    "net/http"
```

```
    "testing"
```

```
    "github.com/google/go-cmp/cmp"
```

)

```
func TestRepositoryLicense_Marshal(t *testing.T) {  
    testJSONMarshal(t, &RepositoryLicense{}, "{}")
```

```
    rl := &RepositoryLicense{  
        Name:    String("n"),  
        Path:    String("p"),  
        SHA:     String("s"),  
        Size:    Int(1),  
        URL:     String("u"),  
        HTMLURL: String("h"),  
        GitURL:  String("g"),  
        DownloadURL: String("d"),  
        Type:    String("t"),  
        Content: String("c"),  
        Encoding: String("e"),  
        License: &License{  
            Key:    String("k"),  
            Name:    String("n"),  
            URL:    String("u"),  
            SPDXID: String("s"),  
            HTMLURL: String("h"),  
            Featured: Bool(true),  
            Description: String("d"),  
            Implementation: String("i"),  
            Permissions: &[]string{"p"},  
            Conditions:  
                &[]string{"c"},  
            Limitations: &[]string{"l"},  
            Body:    String("b"),  
        },  
    }  
}
```

```
want := `{  
    "name": "n",  
    "path": "p",  
    "sha": "s",  
    "size": 1,  
    "url": "u",  
    "html_url": "h",  
    "git_url": "g",  
    "download_url": "d",  
    "type": "t",  
    "content": "c",  
    "encoding": "e",  
    "license": {  
        "key": "k",  
        "name": "n",
```

```

"url": "u",
"spdx_id": "s",
"html_url": "h",
"featured": true,
"description": "d",
"implementation": "i",
"permissions": ["p"],
"conditions": ["c"],
"limitations": ["l"],
"body": "b"
}
}`
testJSONMarshal(t, rl, want)
}

```

```

func TestLicense_Marshal(t *testing.T) {
testJSONMarshal(t, &License{}, "{}")

```

```

l := &License{
Key:      String("k"),
Name:     String("n"),
URL:     String("u"),
SPDXID:   String("s"),
HTMLURL:  String("h"),
Featured: Bool(true),
Description: String("d"),
Implementation: String("i"),
Permissions: &[]string{"p"},
Conditions:
    &[]string{"c"},
Limitations: &[]string{"l"},
Body:       String("b"),
}

```

```

want := `{
"key": "k",
"name": "n",
"url": "u",
"spdx_id": "s",
"html_url": "h",
"featured": true,
"description": "d",
"implementation": "i",
"permissions": ["p"],
"conditions": ["c"],
"limitations": ["l"],
"body": "b"
}`
testJSONMarshal(t, l, want)

```

```

}

func TestLicensesService_List(t *testing.T) {
    client, mux, _, teardown := setup()
    defer teardown()

    mux.HandleFunc("/licenses", func(w http.ResponseWriter, r *http.Request) {
        testMethod(t, r, "GET")
        fmt.Fprint(w,
            `[{"key":"mit","name":"MIT","spdx_id":"MIT","url":"https://api.github.com/licenses/mit","featured":true}]`)
    })

    ctx := context.Background()
    licenses, _, err := client.Licenses.List(ctx)
    if err != nil {
        t.Errorf("Licenses.List returned error: %v", err)
    }

    want := []*License{{
        Key:    String("mit"),
        Name:   String("MIT"),
        SPDXID: String("MIT"),
        URL:    String("https://api.github.com/licenses/mit"),
        Featured:
        Bool(true),
    }}
    if !cmp.Equal(licenses, want) {
        t.Errorf("Licenses.List returned %+v, want %+v", licenses, want)
    }

    const methodName = "List"
    testNewRequestAndDoFailure(t, methodName, client, func() (*Response, error) {
        got, resp, err := client.Licenses.List(ctx)
        if got != nil {
            t.Errorf("testNewRequestAndDoFailure %v = %#v, want nil", methodName, got)
        }
        return resp, err
    })
}

func TestLicensesService_Get(t *testing.T) {
    client, mux, _, teardown := setup()
    defer teardown()

    mux.HandleFunc("/licenses/mit", func(w http.ResponseWriter, r *http.Request) {
        testMethod(t, r, "GET")
        fmt.Fprint(w, `{"key":"mit","name":"MIT"}`)
    })
}

```

```

ctx := context.Background()
license, _, err := client.Licenses.Get(ctx, "mit")
if err != nil {
    t.Errorf("Licenses.Get returned error: %v", err)
}

want := &License{Key: String("mit"), Name: String("MIT")}
if !cmp.Equal(license, want) {
    t.Errorf("Licenses.Get returned %+v, want %+v", license, want)
}

const
methodName = "Get"
testBadOptions(t, methodName, func() (err error) {
    _, _, err = client.Licenses.Get(ctx, "\n")
    return err
})

testNewRequestAndDoFailure(t, methodName, client, func() (*Response, error) {
    got, resp, err := client.Licenses.Get(ctx, "mit")
    if got != nil {
        t.Errorf("testNewRequestAndDoFailure %v = %#v, want nil", methodName, got)
    }
    return resp, err
})

func TestLicensesService_Get_invalidTemplate(t *testing.T) {
    client, _, _, teardown := setup()
    defer teardown()

    ctx := context.Background()
    _, _, err := client.Licenses.Get(ctx, "%")
    testURLParseError(t, err)
}

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package github

import (
    "context"
    "fmt"
)

```

```

// LicensesService handles communication with the license related
// methods of the GitHub API.
//
// GitHub API docs: https://docs.github.com/en/rest/licenses/
type LicensesService service

// RepositoryLicense represents the license for a repository.
type RepositoryLicense struct {
    Name *string `json:"name,omitempty"`
    Path *string `json:"path,omitempty"`

    SHA    *string `json:"sha,omitempty"`
    Size   *int    `json:"size,omitempty"`
    URL    *string `json:"url,omitempty"`
    HTMLURL *string `json:"html_url,omitempty"`
    GitURL *string `json:"git_url,omitempty"`
    DownloadURL *string `json:"download_url,omitempty"`
    Type   *string `json:"type,omitempty"`
    Content *string `json:"content,omitempty"`
    Encoding *string `json:"encoding,omitempty"`
    License
        *License `json:"license,omitempty"`
}

func (l RepositoryLicense) String() string {
    return Stringify(l)
}

// License represents an open source license.
type License struct {
    Key *string `json:"key,omitempty"`
    Name *string `json:"name,omitempty"`
    URL *string `json:"url,omitempty"`

    SPDXID *string `json:"spdx_id,omitempty"`
    HTMLURL *string `json:"html_url,omitempty"`
    Featured *bool `json:"featured,omitempty"`
    Description *string `json:"description,omitempty"`
    Implementation *string `json:"implementation,omitempty"`
    Permissions *[]string `json:"permissions,omitempty"`
    Conditions *[]string `json:"conditions,omitempty"`
    Limitations *[]string `json:"limitations,omitempty"`
    Body *string `json:"body,omitempty"`
}

func (l License) String() string {
    return Stringify(l)
}

```

```

// List popular open source licenses.
//
// GitHub API docs: https://docs.github.com/en/rest/licenses/#list-all-licenses
func (s
 *LicensesService) List(ctx context.Context) ([]*License, *Response, error) {
 req, err := s.client.NewRequest("GET", "licenses", nil)
 if err != nil {
 return nil, nil, err
 }

 var licenses []*License
 resp, err := s.client.Do(ctx, req, &licenses)
 if err != nil {
 return nil, resp, err
 }

 return licenses, resp, nil
 }

// Get extended metadata for one license.
//
// GitHub API docs: https://docs.github.com/en/rest/licenses#get-a-license
func (s *LicensesService) Get(ctx context.Context, licenseName string) (*License, *Response, error) {
 u := fmt.Sprintf("licenses/%s", licenseName)

 req, err := s.client.NewRequest("GET", u, nil)
 if err != nil {
 return nil, nil, err
 }

 license := new(License)
 resp, err := s.client.Do(ctx, req, license)
 if err != nil {
 return nil, resp, err
 }

 return license, resp, nil
 }

```

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1.433 gomodule-redigo 1.8.9

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1.434 zeebo-xxh3 1.0.2

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1.435 go-openapi-loads 0.21.2

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1.436 go-openapi-analysis 0.21.4

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1.437 go-openapi-errors 0.20.3

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1.438 sqlite 3.39.4

1.438.1 Available under license :

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```
/* This will be more informative in a later version. */
```

Found in path(s):

```
* /opt/cola/permits/1460468423_1667577396.9698634/0/sqlite-amalgamation-3390400-1-zip/sqlite-amalgamation-3390400/shell.c
```

No license file was found, but licenses were detected in source scan.

```
/*
```

```
** CAPI3REF: Configuration Options
```

```
** KEYWORDS: {configuration option}
```

```
**
```

```
** These constants are the available integer configuration options that  
** can be passed as the first argument to the [sqlite3_config()] interface.
```

```
**
```

```
** New configuration options may be added in future releases of SQLite.
```

```
** Existing configuration options might be discontinued. Applications  
** should check the return code from [sqlite3_config()] to make sure that  
** the call worked. The [sqlite3_config()] interface will return a
```

```
** non-zero [error code] if a discontinued or unsupported configuration option
```

** is invoked.

**

** <dl>

** [[SQLITE_CONFIG_SINGLETHREAD]] <dt>SQLITE_CONFIG_SINGLETHREAD</dt>

** <dd>There are no arguments to this option. ^This option sets the [threading mode] to Single-thread. In other words, it disables all mutexing and puts SQLite into a mode where it can only be used by a single thread. ^If SQLite is compiled with the [SQLITE_THREADSafe | SQLITE_THREADSafe=0] compile-time option then it is not possible to change the [threading mode] from its default value of Single-thread and so [sqlite3_config()] will return [SQLITE_ERROR] if called with the SQLITE_CONFIG_SINGLETHREAD configuration option.</dd>

**

** [[SQLITE_CONFIG_MULTITHREAD]] <dt>SQLITE_CONFIG_MULTITHREAD</dt>

** <dd>There are no arguments to this option. ^This option sets the [threading mode] to Multi-thread. In other words, it disables mutexing on [database connection] and [prepared statement] objects. The application is responsible for serializing access to [database connections] and [prepared statements]. But other mutexes are enabled so that SQLite will be safe to use in a multi-threaded environment as long as no two threads attempt to use the same [database connection] at the same time. ^If SQLite is compiled with the [SQLITE_THREADSafe | SQLITE_THREADSafe=0] compile-time option then it is not possible to set the Multi-thread [threading mode] and [sqlite3_config()] will return [SQLITE_ERROR] if called with the SQLITE_CONFIG_MULTITHREAD configuration option.</dd>

**

** [[SQLITE_CONFIG_SERIALIZED]] <dt>SQLITE_CONFIG_SERIALIZED</dt>

** <dd>There are no arguments to this option. ^This option sets the [threading mode] to Serialized. In other words, this option enables all mutexes including the recursive mutexes on [database connection] and [prepared statement] objects. In this mode (which is the default when SQLite is compiled with [SQLITE_THREADSafe=1]) the SQLite library will itself serialize access to [database connections] and [prepared statements] so that the application is free to use the same [database connection] or the same [prepared statement] in different threads at the same time. ^If SQLite is compiled with the [SQLITE_THREADSafe | SQLITE_THREADSafe=0] compile-time option then it is not possible to set the Serialized [threading mode] and [sqlite3_config()] will return [SQLITE_ERROR] if called with the SQLITE_CONFIG_SERIALIZED configuration option.</dd>

**

** [[SQLITE_CONFIG_MALLOC]] <dt>SQLITE_CONFIG_MALLOC</dt>

** <dd> ^The `SQLITE_CONFIG_MALLOC` option takes a single argument which is
 ** a pointer to an instance of the `[sqlite3_mem_methods]` structure.
 ** The argument specifies
 ** alternative low-level memory allocation routines to be used in place of
 ** the memory allocation routines built into SQLite.)^ ^SQLite makes
 ** its own private copy of the content of the `[sqlite3_mem_methods]` structure
 ** before the `[sqlite3_config()]` call returns.</dd>
 **
 ** `[[SQLITE_CONFIG_GETMALLOC]]` <dt>`SQLITE_CONFIG_GETMALLOC`</dt>
 ** <dd> ^The `SQLITE_CONFIG_GETMALLOC` option takes a single argument which
 ** is a pointer to an instance of the `[sqlite3_mem_methods]` structure.
 ** The `[sqlite3_mem_methods]`
 ** structure is filled with the currently defined memory allocation routines.)^
 ** This option can
 be used to overload the default memory allocation
 ** routines with a wrapper that simulations memory allocation failure or
 ** tracks memory usage, for example. </dd>
 **
 ** `[[SQLITE_CONFIG_SMALL_MALLOC]]` <dt>`SQLITE_CONFIG_SMALL_MALLOC`</dt>
 ** <dd> ^The `SQLITE_CONFIG_SMALL_MALLOC` option takes single argument of
 ** type `int`, interpreted as a boolean, which if true provides a hint to
 ** SQLite that it should avoid large memory allocations if possible.
 ** SQLite will run faster if it is free to make large memory allocations,
 ** but some application might prefer to run slower in exchange for
 ** guarantees about memory fragmentation that are possible if large
 ** allocations are avoided. This hint is normally off.
 ** </dd>
 **
 ** `[[SQLITE_CONFIG_MEMSTATUS]]` <dt>`SQLITE_CONFIG_MEMSTATUS`</dt>
 ** <dd> ^The `SQLITE_CONFIG_MEMSTATUS` option takes single argument of type `int`,
 ** interpreted as a boolean, which enables or disables the collection of
 ** memory allocation statistics. ^When memory allocation
 statistics are
 ** disabled, the following SQLite interfaces become non-operational:
 **
 ** `[sqlite3_hard_heap_limit64()]`
 ** `[sqlite3_memory_used()]`
 ** `[sqlite3_memory_highwater()]`
 ** `[sqlite3_soft_heap_limit64()]`
 ** `[sqlite3_status64()]`
 **)^
 ** ^Memory allocation statistics are enabled by default unless SQLite is
 ** compiled with `[SQLITE_DEFAULT_MEMSTATUS]=0` in which case memory
 ** allocation statistics are disabled by default.
 ** </dd>
 **
 ** `[[SQLITE_CONFIG_SCRATCH]]` <dt>`SQLITE_CONFIG_SCRATCH`</dt>
 ** <dd> The `SQLITE_CONFIG_SCRATCH` option is no longer used.

```

** </dd>
**
** [[SQLITE_CONFIG_PAGECACHE]] <dt>SQLITE_CONFIG_PAGECACHE</dt>
** <dd> ^The SQLITE_CONFIG_PAGECACHE option specifies a memory pool
** that SQLite can use for the database page cache with the default page
** cache implementation.
** This configuration option is a no-op if an application-defined page
** cache implementation is loaded using the [SQLITE_CONFIG_PCACHE2].
**
^There are three arguments to SQLITE_CONFIG_PAGECACHE: A pointer to
** 8-byte aligned memory (pMem), the size of each page cache line (sz),
** and the number of cache lines (N).
** The sz argument should be the size of the largest database page
** (a power of two between 512 and 65536) plus some extra bytes for each
** page header. ^The number of extra bytes needed by the page header
** can be determined using [SQLITE_CONFIG_PCACHE_HDRSZ].
** ^It is harmless, apart from the wasted memory,
** for the sz parameter to be larger than necessary. The pMem
** argument must be either a NULL pointer or a pointer to an 8-byte
** aligned block of memory of at least sz*N bytes, otherwise
** subsequent behavior is undefined.
** ^When pMem is not NULL, SQLite will strive to use the memory provided
** to satisfy page cache needs, falling back to [sqlite3_malloc()] if
** a page cache line is larger than sz bytes or if all of the pMem buffer
** is exhausted.
** ^If pMem is NULL and N is non-zero, then
each database connection
** does an initial bulk allocation for page cache memory
** from [sqlite3_malloc()] sufficient for N cache lines if N is positive or
** of -1024*N bytes if N is negative, . ^If additional
** page cache memory is needed beyond what is provided by the initial
** allocation, then SQLite goes to [sqlite3_malloc()] separately for each
** additional cache line. </dd>
**
** [[SQLITE_CONFIG_HEAP]] <dt>SQLITE_CONFIG_HEAP</dt>
** <dd> ^The SQLITE_CONFIG_HEAP option specifies a static memory buffer
** that SQLite will use for all of its dynamic memory allocation needs
** beyond those provided for by [SQLITE_CONFIG_PAGECACHE].
** ^The SQLITE_CONFIG_HEAP option is only available if SQLite is compiled
** with either [SQLITE_ENABLE_MEMSYS3] or [SQLITE_ENABLE_MEMSYS5] and returns
** [SQLITE_ERROR] if invoked otherwise.
** ^There are three arguments to SQLITE_CONFIG_HEAP:
** An 8-byte aligned pointer to the memory,
** the number of bytes in the memory buffer, and the minimum
allocation size.
** ^If the first pointer (the memory pointer) is NULL, then SQLite reverts
** to using its default memory allocator (the system malloc() implementation),
** undoing any prior invocation of [SQLITE_CONFIG_MALLOC]. ^If the

```

** memory pointer is not NULL then the alternative memory
 ** allocator is engaged to handle all of SQLites memory allocation needs.
 ** The first pointer (the memory pointer) must be aligned to an 8-byte
 ** boundary or subsequent behavior of SQLite will be undefined.
 ** The minimum allocation size is capped at 2**12. Reasonable values
 ** for the minimum allocation size are 2**5 through 2**8.</dd>
 **
 ** [[SQLITE_CONFIG_MUTEX]] <dt>SQLITE_CONFIG_MUTEX</dt>
 ** <dd> ^(The SQLITE_CONFIG_MUTEX option takes a single argument which is a
 ** pointer to an instance of the [sqlite3_mutex_methods] structure.
 ** The argument specifies alternative low-level mutex routines to be used
 ** in place the mutex routines built into SQLite.)^ ^SQLite makes a copy of
 ** the
 content of the [sqlite3_mutex_methods] structure before the call to
 ** [sqlite3_config()] returns. ^If SQLite is compiled with
 ** the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then
 ** the entire mutexing subsystem is omitted from the build and hence calls to
 ** [sqlite3_config()] with the SQLITE_CONFIG_MUTEX configuration option will
 ** return [SQLITE_ERROR].</dd>
 **
 ** [[SQLITE_CONFIG_GETMUTEX]] <dt>SQLITE_CONFIG_GETMUTEX</dt>
 ** <dd> ^(The SQLITE_CONFIG_GETMUTEX option takes a single argument which
 ** is a pointer to an instance of the [sqlite3_mutex_methods] structure. The
 ** [sqlite3_mutex_methods]
 ** structure is filled with the currently defined mutex routines.)^
 ** This option can be used to overload the default mutex allocation
 ** routines with a wrapper used to track mutex usage for performance
 ** profiling or testing, for example. ^If SQLite is compiled with
 ** the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then
 ** the entire mutexing
 subsystem is omitted from the build and hence calls to
 ** [sqlite3_config()] with the SQLITE_CONFIG_GETMUTEX configuration option will
 ** return [SQLITE_ERROR].</dd>
 **
 ** [[SQLITE_CONFIG_LOOKASIDE]] <dt>SQLITE_CONFIG_LOOKASIDE</dt>
 ** <dd> ^(The SQLITE_CONFIG_LOOKASIDE option takes two arguments that determine
 ** the default size of lookaside memory on each [database connection].
 ** The first argument is the
 ** size of each lookaside buffer slot and the second is the number of
 ** slots allocated to each database connection.)^ ^([SQLITE_CONFIG_LOOKASIDE
 ** sets the <i>default</i> lookaside size. The [SQLITE_DBCONFIG_LOOKASIDE]
 ** option to [sqlite3_db_config()] can be used to change the lookaside
 ** configuration on individual connections.)^ </dd>
 **
 ** [[SQLITE_CONFIG_PCACHE2]] <dt>SQLITE_CONFIG_PCACHE2</dt>
 ** <dd> ^(The SQLITE_CONFIG_PCACHE2 option takes a single argument which is
 ** a pointer to an [sqlite3_pcache_methods2] object. This object specifies
 ** the interface to a custom

page cache implementation.)[^]

**** ^SQLite makes a copy of the [sqlite3_pcache_methods2] object.</dd>**

**** [[SQLITE_CONFIG_GETPCACHE2]] <dt>SQLITE_CONFIG_GETPCACHE2</dt>**

**** <dd> ^The SQLITE_CONFIG_GETPCACHE2 option takes a single argument which**

**** is a pointer to an [sqlite3_pcache_methods2] object. SQLite copies of**

**** the current page cache implementation into that object.)[^] </dd>**

**** [[SQLITE_CONFIG_LOG]] <dt>SQLITE_CONFIG_LOG</dt>**

**** <dd> The SQLITE_CONFIG_LOG option is used to configure the SQLite**

**** global [error log].**

**** (^The SQLITE_CONFIG_LOG option takes two arguments: a pointer to a**

**** function with a call signature of void*(*)(void*,int,const char*),**

**** and a pointer to void. ^If the function pointer is not NULL, it is**

**** invoked by [sqlite3_log()] to process each logging event. ^If the**

**** function pointer is NULL, the [sqlite3_log()] interface becomes a no-op.**

**** ^The void pointer that is the second argument to SQLITE_CONFIG_LOG is**

**** passed through as the first parameter**

to the application-defined logger

**** function whenever that function is invoked. ^The second parameter to**

**** the logger function is a copy of the first parameter to the corresponding**

**** [sqlite3_log()] call and is intended to be a [result code] or an**

**** [extended result code]. ^The third parameter passed to the logger is**

**** log message after formatting via [sqlite3_snprintf()].**

**** The SQLite logging interface is not reentrant; the logger function**

**** supplied by the application must not invoke any SQLite interface.**

**** In a multi-threaded application, the application-defined logger**

**** function must be threadsafe. </dd>**

**** [[SQLITE_CONFIG_URI]] <dt>SQLITE_CONFIG_URI**

**** <dd>^(The SQLITE_CONFIG_URI option takes a single argument of type int.**

**** If non-zero, then URI handling is globally enabled. If the parameter is zero,**

**** then URI handling is globally disabled.)[^] ^If URI handling is globally**

**** enabled, all filenames passed to [sqlite3_open()], [sqlite3_open_v2()],**

**** [sqlite3_open16()]**

or

**** specified as part of [ATTACH] commands are interpreted as URIs, regardless**

**** of whether or not the [SQLITE_OPEN_URI] flag is set when the database**

**** connection is opened. ^If it is globally disabled, filenames are**

**** only interpreted as URIs if the SQLITE_OPEN_URI flag is set when the**

**** database connection is opened. ^By default, URI handling is globally**

**** disabled. The default value may be changed by compiling with the**

**** [SQLITE_USE_URI] symbol defined.)[^]**

**** [[SQLITE_CONFIG_COVERING_INDEX_SCAN]] <dt>SQLITE_CONFIG_COVERING_INDEX_SCAN**

**** <dd>^The SQLITE_CONFIG_COVERING_INDEX_SCAN option takes a single integer**

**** argument which is interpreted as a boolean in order to enable or disable**

**** the use of covering indices for full table scans in the query optimizer.**

** ^The default setting is determined
 ** by the [SQLITE_ALLOW_COVERING_INDEX_SCAN] compile-time option, or is "on"
 ** if that compile-time option is omitted.
 ** The ability to disable the use of covering indices
 for full table scans
 ** is because some incorrectly coded legacy applications might malfunction
 ** when the optimization is enabled. Providing the ability to
 ** disable the optimization allows the older, buggy application code to work
 ** without change even with newer versions of SQLite.
 **
 ** [[SQLITE_CONFIG_PCACHE]] [[SQLITE_CONFIG_GETPCACHE]]
 ** <dt>SQLITE_CONFIG_PCACHE and SQLITE_CONFIG_GETPCACHE
 ** <dd> These options are obsolete and should not be used by new code.
 ** They are retained for backwards compatibility but are now no-ops.
 ** </dd>
 **
 ** [[SQLITE_CONFIG_SQLLOG]]
 ** <dt>SQLITE_CONFIG_SQLLOG
 ** <dd>This option is only available if sqlite is compiled with the
 ** [SQLITE_ENABLE_SQLLOG] pre-processor macro defined. The first argument should
 ** be a pointer to a function of type void(*)(void*,sqlite3*,const char*, int).
 ** The second should be of type (void*). The callback is invoked by the library
 ** in three separate circumstances, identified by the value passed as the
 **
 fourth parameter. If the fourth parameter is 0, then the database connection
 ** passed as the second argument has just been opened. The third argument
 ** points to a buffer containing the name of the main database file. If the
 ** fourth parameter is 1, then the SQL statement that the third parameter
 ** points to has just been executed. Or, if the fourth parameter is 2, then
 ** the connection being passed as the second parameter is being closed. The
 ** third parameter is passed NULL In this case. An example of using this
 ** configuration option can be seen in the "test_sqllog.c" source file in
 ** the canonical SQLite source tree.</dd>
 **
 ** [[SQLITE_CONFIG_MMAP_SIZE]]
 ** <dt>SQLITE_CONFIG_MMAP_SIZE
 ** <dd>^SQLITE_CONFIG_MMAP_SIZE takes two 64-bit integer (sqlite3_int64) values
 ** that are the default mmap size limit (the default setting for
 ** [PRAGMA mmap_size]) and the maximum allowed mmap size limit.
 ** ^The default setting can be overridden by each database connection using
 ** either
 the [PRAGMA mmap_size] command, or by using the
 ** [SQLITE_FCNTL_MMAP_SIZE] file control. ^(The maximum allowed mmap size
 ** will be silently truncated if necessary so that it does not exceed the
 ** compile-time maximum mmap size set by the
 ** [SQLITE_MAX_MMAP_SIZE] compile-time option.)^
 ** ^If either argument to this option is negative, then that argument is
 ** changed to its compile-time default.

**

** `[[SQLITE_CONFIG_WIN32_HEAPSIZE]]`

** `<dt>SQLITE_CONFIG_WIN32_HEAPSIZE`

** `<dd>`^The `SQLITE_CONFIG_WIN32_HEAPSIZE` option is only available if SQLite is

** compiled for Windows with the `[[SQLITE_WIN32_MALLOC]]` pre-processor macro

** defined. `SQLITE_CONFIG_WIN32_HEAPSIZE` takes a 32-bit unsigned integer value

** that specifies the maximum size of the created heap.

**

** `[[SQLITE_CONFIG_PCACHE_HDRSZ]]`

** `<dt>SQLITE_CONFIG_PCACHE_HDRSZ`

** `<dd>`^The `SQLITE_CONFIG_PCACHE_HDRSZ` option takes a single parameter which

** is a pointer to an integer and writes into that integer the number of extra

**

bytes per page required for each page in `[[SQLITE_CONFIG_PAGECACHE]]`.

** The amount of extra space required can change depending on the compiler,

** target platform, and SQLite version.

**

** `[[SQLITE_CONFIG_PMASZ]]`

** `<dt>SQLITE_CONFIG_PMASZ`

** `<dd>`^The `SQLITE_CONFIG_PMASZ` option takes a single parameter which

** is an unsigned integer and sets the "Minimum PMA Size" for the multithreaded

** sorter to that integer. The default minimum PMA Size is set by the

** `[[SQLITE_SORTER_PMASZ]]` compile-time option. New threads are launched

** to help with sort operations when multithreaded sorting

** is enabled (using the `[[PRAGMA threads]]` command) and the amount of content

** to be sorted exceeds the page size times the minimum of the

** `[[PRAGMA cache_size]]` setting and this value.

**

** `[[SQLITE_CONFIG_STMTJRNL_SPILL]]`

** `<dt>SQLITE_CONFIG_STMTJRNL_SPILL`

** `<dd>`^The `SQLITE_CONFIG_STMTJRNL_SPILL` option takes a single parameter which

** becomes the `[[statement journal]]` spill-to-disk threshold.

**

`[[Statement journals]]` are held in memory until their size (in bytes)

** exceeds this threshold, at which point they are written to disk.

** Or if the threshold is -1, statement journals are always held

** exclusively in memory.

** Since many statement journals never become large, setting the spill

** threshold to a value such as 64KiB can greatly reduce the amount of

** I/O required to support statement rollback.

** The default value for this setting is controlled by the

** `[[SQLITE_STMTJRNL_SPILL]]` compile-time option.

**

** `[[SQLITE_CONFIG_SORTERREF_SIZE]]`

** `<dt>SQLITE_CONFIG_SORTERREF_SIZE`

** `<dd>`The `SQLITE_CONFIG_SORTERREF_SIZE` option accepts a single parameter

** of type (int) - the new value of the sorter-reference size threshold.

** Usually, when SQLite uses an external sort to order records according

```

** to an ORDER BY clause, all fields required by the caller are present in the
** sorted records. However, if SQLite determines based on the declared type
** of a table column that
its values are likely to be very large - larger
** than the configured sorter-reference size threshold - then a reference
** is stored in each sorted record and the required column values loaded
** from the database as records are returned in sorted order. The default
** value for this option is to never use this optimization. Specifying a
** negative value for this option restores the default behaviour.
** This option is only available if SQLite is compiled with the
** [SQLITE_ENABLE_SORTER_REFERENCES] compile-time option.
**
** [[SQLITE_CONFIG_MEMDB_MAXSIZE]]
** <dt>SQLITE_CONFIG_MEMDB_MAXSIZE
** <dd>The SQLITE_CONFIG_MEMDB_MAXSIZE option accepts a single parameter
** [sqlite3_int64] parameter which is the default maximum size for an in-memory
** database created using [sqlite3_deserialize()]. This default maximum
** size can be adjusted up or down for individual databases using the
** [SQLITE_FCNTL_SIZE_LIMIT] [sqlite3_file_control|file-control]. If this
** configuration setting is
never used, then the default maximum is determined
** by the [SQLITE_MEMDB_DEFAULT_MAXSIZE] compile-time option. If that
** compile-time option is not set, then the default maximum is 1073741824.
** </dl>
*/

```

Found in path(s):

```

* /opt/cola/permits/1460468423_1667577396.9698634/0/sqlite-amalgamation-3390400-1-zip/sqlite-amalgamation-3390400/sqlite3.h

```

No license file was found, but licenses were detected in source scan.

```

/*
** CAPI3REF: Configuration Options
** KEYWORDS: {configuration option}
**
** These constants are the available integer configuration options that
** can be passed as the first argument to the [sqlite3_config()] interface.
**
** New configuration options may be added in future releases of SQLite.
** Existing configuration options might be discontinued. Applications
** should check the return code from [sqlite3_config()] to make sure that
** the call worked. The [sqlite3_config()] interface will return a
** non-zero [error code] if a discontinued or unsupported configuration option
** is invoked.
**
** <dl>
** [[SQLITE_CONFIG_SINGLETHREAD]] <dt>SQLITE_CONFIG_SINGLETHREAD</dt>
** <dd>There are no arguments to this option. ^This option sets the

```

** [threading mode] to Single-thread. In other words, it disables
 ** all mutexing and puts SQLite into a mode where it can only be used
 ** by a single thread. ^If SQLite
 is compiled with
 ** the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then
 ** it is not possible to change the [threading mode] from its default
 ** value of Single-thread and so [sqlite3_config()] will return
 ** [SQLITE_ERROR] if called with the SQLITE_CONFIG_SINGLETHREAD
 ** configuration option.</dd>
 **
 ** [[SQLITE_CONFIG_MULTITHREAD]] <dt>SQLITE_CONFIG_MULTITHREAD</dt>
 ** <dd>There are no arguments to this option. ^This option sets the
 ** [threading mode] to Multi-thread. In other words, it disables
 ** mutexing on [database connection] and [prepared statement] objects.
 ** The application is responsible for serializing access to
 ** [database connections] and [prepared statements]. But other mutexes
 ** are enabled so that SQLite will be safe to use in a multi-threaded
 ** environment as long as no two threads attempt to use the same
 ** [database connection] at the same time. ^If SQLite is compiled with
 ** the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option
 then
 ** it is not possible to set the Multi-thread [threading mode] and
 ** [sqlite3_config()] will return [SQLITE_ERROR] if called with the
 ** SQLITE_CONFIG_MULTITHREAD configuration option.</dd>
 **
 ** [[SQLITE_CONFIG_SERIALIZED]] <dt>SQLITE_CONFIG_SERIALIZED</dt>
 ** <dd>There are no arguments to this option. ^This option sets the
 ** [threading mode] to Serialized. In other words, this option enables
 ** all mutexes including the recursive
 ** mutexes on [database connection] and [prepared statement] objects.
 ** In this mode (which is the default when SQLite is compiled with
 ** [SQLITE_THREADSAFE=1]) the SQLite library will itself serialize access
 ** to [database connections] and [prepared statements] so that the
 ** application is free to use the same [database connection] or the
 ** same [prepared statement] in different threads at the same time.
 ** ^If SQLite is compiled with
 ** the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then
 ** it is not possible to set the
 Serialized [threading mode] and
 ** [sqlite3_config()] will return [SQLITE_ERROR] if called with the
 ** SQLITE_CONFIG_SERIALIZED configuration option.</dd>
 **
 ** [[SQLITE_CONFIG_MALLOC]] <dt>SQLITE_CONFIG_MALLOC</dt>
 ** <dd> ^The SQLITE_CONFIG_MALLOC option takes a single argument which is
 ** a pointer to an instance of the [sqlite3_mem_methods] structure.
 ** The argument specifies
 ** alternative low-level memory allocation routines to be used in place of
 ** the memory allocation routines built into SQLite.)^ ^SQLite makes

** its own private copy of the content of the [sqlite3_mem_methods] structure
 ** before the [sqlite3_config()] call returns.</dd>
 **
 ** [[SQLITE_CONFIG_GETMALLOC]] <dt>SQLITE_CONFIG_GETMALLOC</dt>
 ** <dd> ^(The SQLITE_CONFIG_GETMALLOC option takes a single argument which
 ** is a pointer to an instance of the [sqlite3_mem_methods] structure.
 ** The [sqlite3_mem_methods]
 ** structure is filled with the currently defined memory allocation routines.)^
 ** This option can
 be used to overload the default memory allocation
 ** routines with a wrapper that simulations memory allocation failure or
 ** tracks memory usage, for example. </dd>
 **
 ** [[SQLITE_CONFIG_SMALL_MALLOC]] <dt>SQLITE_CONFIG_SMALL_MALLOC</dt>
 ** <dd> ^The SQLITE_CONFIG_SMALL_MALLOC option takes single argument of
 ** type int, interpreted as a boolean, which if true provides a hint to
 ** SQLite that it should avoid large memory allocations if possible.
 ** SQLite will run faster if it is free to make large memory allocations,
 ** but some application might prefer to run slower in exchange for
 ** guarantees about memory fragmentation that are possible if large
 ** allocations are avoided. This hint is normally off.
 ** </dd>
 **
 ** [[SQLITE_CONFIG_MEMSTATUS]] <dt>SQLITE_CONFIG_MEMSTATUS</dt>
 ** <dd> ^The SQLITE_CONFIG_MEMSTATUS option takes single argument of type int,
 ** interpreted as a boolean, which enables or disables the collection of
 ** memory allocation statistics. ^(When memory allocation
 statistics are
 ** disabled, the following SQLite interfaces become non-operational:
 **
 ** [sqlite3_hard_heap_limit64()]
 ** [sqlite3_memory_used()]
 ** [sqlite3_memory_highwater()]
 ** [sqlite3_soft_heap_limit64()]
 ** [sqlite3_status64()]
 **)^
 ** ^Memory allocation statistics are enabled by default unless SQLite is
 ** compiled with [SQLITE_DEFAULT_MEMSTATUS]=0 in which case memory
 ** allocation statistics are disabled by default.
 ** </dd>
 **
 ** [[SQLITE_CONFIG_SCRATCH]] <dt>SQLITE_CONFIG_SCRATCH</dt>
 ** <dd> The SQLITE_CONFIG_SCRATCH option is no longer used.
 ** </dd>
 **
 ** [[SQLITE_CONFIG_PAGECACHE]] <dt>SQLITE_CONFIG_PAGECACHE</dt>
 ** <dd> ^The SQLITE_CONFIG_PAGECACHE option specifies a memory pool
 ** that SQLite can use for the database page cache with the default page

** cache implementation.

** This configuration option is a no-op if an application-defined page cache implementation is loaded using the [SQLITE_CONFIG_PAGECACHE].

**

^There are three arguments to SQLITE_CONFIG_PAGECACHE: A pointer to 8-byte aligned memory (pMem), the size of each page cache line (sz), and the number of cache lines (N).

** The sz argument should be the size of the largest database page (a power of two between 512 and 65536) plus some extra bytes for each page header. ^The number of extra bytes needed by the page header can be determined using [SQLITE_CONFIG_PAGECACHE_HDRSZ].

** ^It is harmless, apart from the wasted memory, for the sz parameter to be larger than necessary. The pMem argument must be either a NULL pointer or a pointer to an 8-byte aligned block of memory of at least sz*N bytes, otherwise subsequent behavior is undefined.

** ^When pMem is not NULL, SQLite will strive to use the memory provided to satisfy page cache needs, falling back to [sqlite3_malloc()] if a page cache line is larger than sz bytes or if all of the pMem buffer is exhausted.

** ^If pMem is NULL and N is non-zero, then each database connection does an initial bulk allocation for page cache memory from [sqlite3_malloc()] sufficient for N cache lines if N is positive or of -1024*N bytes if N is negative. . ^If additional page cache memory is needed beyond what is provided by the initial allocation, then SQLite goes to [sqlite3_malloc()] separately for each additional cache line. </dd>

**

** [[SQLITE_CONFIG_HEAP]] <dt>SQLITE_CONFIG_HEAP</dt>

** <dd> ^The SQLITE_CONFIG_HEAP option specifies a static memory buffer that SQLite will use for all of its dynamic memory allocation needs beyond those provided for by [SQLITE_CONFIG_PAGECACHE].

** ^The SQLITE_CONFIG_HEAP option is only available if SQLite is compiled with either [SQLITE_ENABLE_MEMSYS3] or [SQLITE_ENABLE_MEMSYS5] and returns [SQLITE_ERROR] if invoked otherwise.

** ^There are three arguments to SQLITE_CONFIG_HEAP:

** An 8-byte aligned pointer to the memory,

** the number of bytes in the memory buffer, and the minimum allocation size.

** ^If the first pointer (the memory pointer) is NULL, then SQLite reverts to using its default memory allocator (the system malloc() implementation), undoing any prior invocation of [SQLITE_CONFIG_MALLOC]. ^If the memory pointer is not NULL then the alternative memory allocator is engaged to handle all of SQLites memory allocation needs.

** The first pointer (the memory pointer) must be aligned to an 8-byte boundary or subsequent behavior of SQLite will be undefined.

** The minimum allocation size is capped at 2**12. Reasonable values

** for the minimum allocation size are 2**5 through 2**8.</dd>

**

** [[SQLITE_CONFIG_MUTEX]] <dt>SQLITE_CONFIG_MUTEX</dt>

** <dd> ^(The SQLITE_CONFIG_MUTEX option takes a single argument which is a

** pointer to an instance of the [sqlite3_mutex_methods] structure.

** The argument specifies alternative low-level mutex routines to be used

** in place the mutex routines built into SQLite.)^ ^SQLite makes a copy of

** the

content of the [sqlite3_mutex_methods] structure before the call to

** [sqlite3_config()] returns. ^If SQLite is compiled with

** the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then

** the entire mutexing subsystem is omitted from the build and hence calls to

** [sqlite3_config()] with the SQLITE_CONFIG_MUTEX configuration option will

** return [SQLITE_ERROR].</dd>

**

** [[SQLITE_CONFIG_GETMUTEX]] <dt>SQLITE_CONFIG_GETMUTEX</dt>

** <dd> ^(The SQLITE_CONFIG_GETMUTEX option takes a single argument which

** is a pointer to an instance of the [sqlite3_mutex_methods] structure. The

** [sqlite3_mutex_methods]

** structure is filled with the currently defined mutex routines.)^

** This option can be used to overload the default mutex allocation

** routines with a wrapper used to track mutex usage for performance

** profiling or testing, for example. ^If SQLite is compiled with

** the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then

** the entire mutexing

subsystem is omitted from the build and hence calls to

** [sqlite3_config()] with the SQLITE_CONFIG_GETMUTEX configuration option will

** return [SQLITE_ERROR].</dd>

**

** [[SQLITE_CONFIG_LOOKASIDE]] <dt>SQLITE_CONFIG_LOOKASIDE</dt>

** <dd> ^(The SQLITE_CONFIG_LOOKASIDE option takes two arguments that determine

** the default size of lookaside memory on each [database connection].

** The first argument is the

** size of each lookaside buffer slot and the second is the number of

** slots allocated to each database connection.)^ ^(SQLITE_CONFIG_LOOKASIDE

** sets the <i>default</i> lookaside size. The [SQLITE_DBCONFIG_LOOKASIDE]

** option to [sqlite3_db_config()] can be used to change the lookaside

** configuration on individual connections.)^ </dd>

**

** [[SQLITE_CONFIG_PCACHE2]] <dt>SQLITE_CONFIG_PCACHE2</dt>

** <dd> ^(The SQLITE_CONFIG_PCACHE2 option takes a single argument which is

** a pointer to an [sqlite3_pcache_methods2] object. This object specifies

** the interface to a custom

page cache implementation.)^

** ^SQLite makes a copy of the [sqlite3_pcache_methods2] object.</dd>

**

** [[SQLITE_CONFIG_GETPCACHE2]] <dt>SQLITE_CONFIG_GETPCACHE2</dt>

** <dd> ^(The SQLITE_CONFIG_GETPCACHE2 option takes a single argument which

** is a pointer to an [sqlite3_pcache_methods2] object. SQLite copies of
 ** the current page cache implementation into that object.)^ </dd>
 **

** [[SQLITE_CONFIG_LOG]] <dt>SQLITE_CONFIG_LOG</dt>
 ** <dd> The SQLITE_CONFIG_LOG option is used to configure the SQLite
 ** global [error log].
 ** (^The SQLITE_CONFIG_LOG option takes two arguments: a pointer to a
 ** function with a call signature of void (*)(void*,int,const char*),
 ** and a pointer to void. ^If the function pointer is not NULL, it is
 ** invoked by [sqlite3_log()] to process each logging event. ^If the
 ** function pointer is NULL, the [sqlite3_log()] interface becomes a no-op.
 ** ^The void pointer that is the second argument to SQLITE_CONFIG_LOG is
 ** passed through as the first parameter
 ** to the application-defined logger
 ** function whenever that function is invoked. ^The second parameter to
 ** the logger function is a copy of the first parameter to the corresponding
 ** [sqlite3_log()] call and is intended to be a [result code] or an
 ** [extended result code]. ^The third parameter passed to the logger is
 ** log message after formatting via [sqlite3_snprintf()].
 ** The SQLite logging interface is not reentrant; the logger function
 ** supplied by the application must not invoke any SQLite interface.
 ** In a multi-threaded application, the application-defined logger
 ** function must be threadsafe. </dd>
 **

** [[SQLITE_CONFIG_URI]] <dt>SQLITE_CONFIG_URI
 ** <dd>^(The SQLITE_CONFIG_URI option takes a single argument of type int.
 ** If non-zero, then URI handling is globally enabled. If the parameter is zero,
 ** then URI handling is globally disabled.)^ ^If URI handling is globally
 ** enabled, all filenames passed to [sqlite3_open()], [sqlite3_open_v2()],
 ** [sqlite3_open16()]
 ** or
 ** specified as part of [ATTACH] commands are interpreted as URIs, regardless
 ** of whether or not the [SQLITE_OPEN_URI] flag is set when the database
 ** connection is opened. ^If it is globally disabled, filenames are
 ** only interpreted as URIs if the SQLITE_OPEN_URI flag is set when the
 ** database connection is opened. ^By default, URI handling is globally
 ** disabled. The default value may be changed by compiling with the
 ** [SQLITE_USE_URI] symbol defined.)^
 **

** [[SQLITE_CONFIG_COVERING_INDEX_SCAN]] <dt>SQLITE_CONFIG_COVERING_INDEX_SCAN
 ** <dd>^The SQLITE_CONFIG_COVERING_INDEX_SCAN option takes a single integer
 ** argument which is interpreted as a boolean in order to enable or disable
 ** the use of covering indices for full table scans in the query optimizer.
 ** ^The default setting is determined
 ** by the [SQLITE_ALLOW_COVERING_INDEX_SCAN] compile-time option, or is "on"
 ** if that compile-time option is omitted.
 ** The ability to disable the use of covering indices

for full table scans

** is because some incorrectly coded legacy applications might malfunction
** when the optimization is enabled. Providing the ability to
** disable the optimization allows the older, buggy application code to work
** without change even with newer versions of SQLite.

**

** [[SQLITE_CONFIG_PCACHE]] [[SQLITE_CONFIG_GETPCACHE]]
** <dt>SQLITE_CONFIG_PCACHE and SQLITE_CONFIG_GETPCACHE
** <dd> These options are obsolete and should not be used by new code.
** They are retained for backwards compatibility but are now no-ops.
** </dd>

**

** [[SQLITE_CONFIG_SQLLOG]]
** <dt>SQLITE_CONFIG_SQLLOG
** <dd>This option is only available if sqlite is compiled with the
** [SQLITE_ENABLE_SQLLOG] pre-processor macro defined. The first argument should
** be a pointer to a function of type void(*)(void*,sqlite3*,const char*, int).
** The second should be of type (void*). The callback is invoked by the library
** in three separate circumstances, identified by the value passed as the
**

fourth parameter. If the fourth parameter is 0, then the database connection
** passed as the second argument has just been opened. The third argument
** points to a buffer containing the name of the main database file. If the
** fourth parameter is 1, then the SQL statement that the third parameter
** points to has just been executed. Or, if the fourth parameter is 2, then
** the connection being passed as the second parameter is being closed. The
** third parameter is passed NULL In this case. An example of using this
** configuration option can be seen in the "test_sqllog.c" source file in
** the canonical SQLite source tree.</dd>

**

** [[SQLITE_CONFIG_MMAP_SIZE]]
** <dt>SQLITE_CONFIG_MMAP_SIZE
** <dd>^SQLITE_CONFIG_MMAP_SIZE takes two 64-bit integer (sqlite3_int64) values
** that are the default mmap size limit (the default setting for
** [PRAGMA mmap_size]) and the maximum allowed mmap size limit.
** ^The default setting can be overridden by each database connection using
** either
the [PRAGMA mmap_size] command, or by using the
** [SQLITE_FCNTL_MMAP_SIZE] file control. ^(The maximum allowed mmap size
** will be silently truncated if necessary so that it does not exceed the
** compile-time maximum mmap size set by the
** [SQLITE_MAX_MMAP_SIZE] compile-time option.)^
** ^If either argument to this option is negative, then that argument is
** changed to its compile-time default.

**

** [[SQLITE_CONFIG_WIN32_HEAPSIZE]]
** <dt>SQLITE_CONFIG_WIN32_HEAPSIZE
** <dd>^The SQLITE_CONFIG_WIN32_HEAPSIZE option is only available if SQLite is

** compiled for Windows with the [SQLITE_WIN32_MALLOC] pre-processor macro
 ** defined. ^SQLITE_CONFIG_WIN32_HEAPSIZE takes a 32-bit unsigned integer value
 ** that specifies the maximum size of the created heap.
 **

** [[SQLITE_CONFIG_PCACHE_HDRSZ]]
 ** <dt>SQLITE_CONFIG_PCACHE_HDRSZ
 ** <dd>^The SQLITE_CONFIG_PCACHE_HDRSZ option takes a single parameter which
 ** is a pointer to an integer and writes into that integer the number of extra
 **
 bytes per page required for each page in [SQLITE_CONFIG_PAGECACHE].
 ** The amount of extra space required can change depending on the compiler,
 ** target platform, and SQLite version.
 **

** [[SQLITE_CONFIG_PMASZ]]
 ** <dt>SQLITE_CONFIG_PMASZ
 ** <dd>^The SQLITE_CONFIG_PMASZ option takes a single parameter which
 ** is an unsigned integer and sets the "Minimum PMA Size" for the multithreaded
 ** sorter to that integer. The default minimum PMA Size is set by the
 ** [SQLITE_SORTER_PMASZ] compile-time option. New threads are launched
 ** to help with sort operations when multithreaded sorting
 ** is enabled (using the [PRAGMA threads] command) and the amount of content
 ** to be sorted exceeds the page size times the minimum of the
 ** [PRAGMA cache_size] setting and this value.
 **

** [[SQLITE_CONFIG_STMTJRNL_SPILL]]
 ** <dt>SQLITE_CONFIG_STMTJRNL_SPILL
 ** <dd>^The SQLITE_CONFIG_STMTJRNL_SPILL option takes a single parameter which
 ** becomes the [statement journal] spill-to-disk threshold.
 **

[Statement journals] are held in memory until their size (in bytes)
 ** exceeds this threshold, at which point they are written to disk.
 ** Or if the threshold is -1, statement journals are always held
 ** exclusively in memory.
 ** Since many statement journals never become large, setting the spill
 ** threshold to a value such as 64KiB can greatly reduce the amount of
 ** I/O required to support statement rollback.
 ** The default value for this setting is controlled by the
 ** [SQLITE_STMTJRNL_SPILL] compile-time option.
 **

** [[SQLITE_CONFIG_SORTERREF_SIZE]]
 ** <dt>SQLITE_CONFIG_SORTERREF_SIZE
 ** <dd>The SQLITE_CONFIG_SORTERREF_SIZE option accepts a single parameter
 ** of type (int) - the new value of the sorter-reference size threshold.
 ** Usually, when SQLite uses an external sort to order records according
 ** to an ORDER BY clause, all fields required by the caller are present in the
 ** sorted records. However, if SQLite determines based on the declared type
 ** of a table column that

```

its values are likely to be very large - larger
** than the configured sorter-reference size threshold - then a reference
** is stored in each sorted record and the required column values loaded
** from the database as records are returned in sorted order. The default
** value for this option is to never use this optimization. Specifying a
** negative value for this option restores the default behaviour.
** This option is only available if SQLite is compiled with the
** [SQLITE_ENABLE_SORTER_REFERENCES] compile-time option.
**
** [[SQLITE_CONFIG_MEMDB_MAXSIZE]]
** <dt>SQLITE_CONFIG_MEMDB_MAXSIZE
** <dd>The SQLITE_CONFIG_MEMDB_MAXSIZE option accepts a single parameter
** [sqlite3_int64] parameter which is the default maximum size for an in-memory
** database created using [sqlite3_deserialize()]. This default maximum
** size can be adjusted up or down for individual databases using the
** [SQLITE_FCNTL_SIZE_LIMIT] [sqlite3_file_control|file-control]. If this
** configuration setting is
never used, then the default maximum is determined
** by the [SQLITE_MEMDB_DEFAULT_MAXSIZE] compile-time option. If that
** compile-time option is not set, then the default maximum is 1073741824.
** </dd>
**
**/
/*
** The "printf" code that follows dates from the 1980's. It is in
** the public domain.
**
*****
**
** This file contains code for a set of "printf"-like routines. These
** routines format strings much like the printf() from the standard C
** library, though the implementation here has enhancements to support
** SQLite.
**/
/*
** 2004 May 22
**
** The author disclaims copyright to this source code. In place of
** a legal notice, here is a blessing:
**
**   May you do good and not evil.
**   May you find forgiveness for yourself and forgive others.
**   May you share freely, never taking more than you give.
**
*****
**
** This file
contains the VFS implementation for unix-like operating systems
** include Linux, MacOSX, *BSD, QNX, VxWorks, AIX, HPUX, and others.

```

```

**
** There are actually several different VFS implementations in this file.
** The differences are in the way that file locking is done. The default
** implementation uses Posix Advisory Locks. Alternative implementations
** use flock(), dot-files, various proprietary locking schemas, or simply
** skip locking all together.
**
** This source file is organized into divisions where the logic for various
** subfunctions is contained within the appropriate division. PLEASE
** KEEP THE STRUCTURE OF THIS FILE INTACT. New code should be placed
** in the correct division and should be clearly labeled.
**
** The layout of divisions is as follows:
**
** * General-purpose declarations and utility functions.
** * Unique file ID logic used by VxWorks.
** * Various locking primitive implementations (all except proxy locking):
**   + for Posix Advisory
Locks
**   + for no-op locks
**   + for dot-file locks
**   + for flock() locking
**   + for named semaphore locks (VxWorks only)
**   + for AFP filesystem locks (MacOSX only)
** * sqlite3_file methods not associated with locking.
** * Definitions of sqlite3_io_methods objects for all locking
**   methods plus "finder" functions for each locking method.
** * sqlite3_vfs method implementations.
** * Locking primitives for the proxy uber-locking-method. (MacOSX only)
** * Definitions of sqlite3_vfs objects for all locking methods
**   plus implementations of sqlite3_os_init() and sqlite3_os_end().
**
*/
/*
** Return a pointer to the "temporary page" buffer held internally
** by the pager. This is a buffer that is big enough to hold the
** entire content of a database page. This buffer is used internally
** during rollback and will be overwritten whenever a rollback
** occurs. But other modules are free to use it too, as long as
** no rollbacks are happening.
**
*/

Found
in path(s):
* /opt/cola/permits/1460468423_1667577396.9698634/0/sqlite-amalgamation-3390400-1-zip/sqlite-amalgamation-3390400/sqlite3.c

```

1.439 go.etcd.io/etcd/api/v3 v3.5.4

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1.440 yamux 0.1.1

1.440.1 Available under license :

No license file was found, but licenses were detected in source scan.

lockfileVersion: 5.3

specifiers:

'@sveltejs/vite-plugin-svelte': ^1.0.0-next.30

'@tauri-apps/api': ^1.0.0-beta.8

'@tauri-apps/cli': ^1.0.0-beta.10

'@tsconfig/svelte': ^2.0.1

'@types/crypto-js': ^4.1.0

'@types/node': ^12.0.0

axios: ^0.24.0

crypto-js: ^4.1.1

svelte: ^3.44.0

svelte-check: ^2.2.7

svelte-preprocess: ^4.9.8

tslib: ^2.3.1

typescript: ^4.4.4

vite: ^2.7.2

dependencies:

'@tauri-apps/api': 1.0.0-beta.8
'@types/node': 12.20.42
axios: 0.24.0
crypto-js: 4.1.1

devDependencies:

'@sveltejs/vite-plugin-svelte': 1.0.0-next.36_svelte@3.46.3+vite@2.7.13
'@tauri-apps/cli': 1.0.0-beta.10
'@tsconfig/svelte': 2.0.1
'@types/crypto-js': 4.1.0
svelte: 3.46.3
svelte-check: 2.3.0_svelte@3.46.3
svelte-preprocess: 4.10.2_svelte@3.46.3+typescript@4.5.5
tslib: 2.3.1
typescript: 4.5.5
vite: 2.7.13

packages:

/@nodelib/fs.scandir/2.1.5:
 resolution: {integrity: sha512-
vq24Bq3ym5HEQm2NKCrc3yXDwjc7vTsethRDnkp2DK9p1uqLR+DHurm/NOTo0KG7HYHU7eppKZj3MyqYu
MBf62g==}
 engines: {node: '>= 8'}
 dependencies:
 '@nodelib/fs.stat': 2.0.5
 run-parallel: 1.2.0
 dev: true

/@nodelib/fs.stat/2.0.5:
 resolution: {integrity: sha512-
RkhPPP2zrqDAQA/2jNhnztcPAIv64XdhIp7a7454A5ovI7Bukxgt7MX7udwAu3zg1DcpPU0rz3VV1SeaqvY4+A==
}
 engines: {node: '>= 8'}
 dev: true

/@nodelib/fs.walk/1.2.8:
 resolution: {integrity: sha512-
oGB+UxlgWcgQkgwo8GcEGwemoTFt3FIO9ababBmaGwXIobKZ+GTy0pP185beGg7Llih/NSHSV2XAs1lnzoc
Sg==}
 engines: {node: '>= 8'}
 dependencies:
 '@nodelib/fs.scandir': 2.1.5
 fastq: 1.13.0
 dev: true

/@rollup/pluginutils/4.1.2:
 resolution: {integrity: sha512-

```

R0n4qvKxP9SyPeHaf7uQC/GPFY6L/OWy9+bd9AwcjOAWQwxRSCOeyAUD8qCY5o5iL4jqQwoLk2kaTKJPb/H
wzQ==}
  engines: {node: '>= 8.0.0'}
  dependencies:
    estree-walker: 2.0.2
    picomatch: 2.3.1
  dev: true

/@sindresorhus/is/0.14.0:
  resolution: {integrity: sha512-
9NET910DNaIPngYnLLPeg+Ogzqsi9uM4mSboU5y6p8S5DzMTVEsJZrawi+BoDNUVBa2DhJqQYUFvMDfgU0
62LQ==}
  engines: {node: '>=6'}
  dev: true

/@sindresorhus/is/0.7.0:
  resolution: {integrity: sha512-
ONhaKPIufzrINbqtWFFd+jlnemX6lJAgq9ZeiZtS7I1PIf/la7CW4m83rTXRnVnsMbw2k56pGYu7AUFJD9Pow=
=}
  engines: {node: '>=4'}
  dev: true

/@sindresorhus/is/4.4.0:
  resolution: {integrity: sha512-
QppPM/8l3Mawvh4rn9CNEYIU9bXpXUCRMAx9yUpvBk1nMKusLKpfXGDEKExKaPhLzcn3lzil7pR6rnJ11Hge
RQ==}
  engines: {node: '>=10'}
  dev: true

/@sveltejs/vite-plugin-svelte/1.0.0-next.36_svelte@3.46.3+vite@2.7.13:
  resolution: {integrity: sha512-
X7lTiiTGc3ri5M299fxc2dimuKU7f22zTXcmD+Nrf+fO9/b7YNfLeQQwWV7Tvv9REysMIR4G2HQF6+IY62p/
Q==}
  engines: {node: ^14.13.1 || >= 16}
  peerDependencies:
    diff-match-patch: ^1.0.5
    svelte: ^3.44.0
    vite: ^2.7.0
  peerDependenciesMeta:
    diff-match-patch:
      optional: true
  dependencies:
    '@rollup/pluginutils': 4.1.2
    debug: 4.3.3
    kleur: 4.1.4
    magic-string: 0.25.7
    svelte: 3.46.3
    svelte-hmr: 0.14.9_svelte@3.46.3

```

vite: 2.7.13
transitivePeerDependencies:
- supports-color
dev: true

/@szmarczak/http-timer/1.1.2:
resolution: {integrity: sha512-XIB2XbzHTN6ieIjfIMV9hlVcfPU26s2vafYWQcZHWXHOxiaRZYEDKEwdl129Zyg50+foYV2jCgtrqSA6qNuNSA==}
engines: {node: '>=6'}
dependencies:
defer-to-connect: 1.1.3
dev: true

/@szmarczak/http-timer/4.0.6:
resolution: {integrity: sha512-4BAffykyOgO+5nzBWYwE3W90sBgLJoUPRWWcL8wlyiM8IB8ipJz3UMJ9KXQd1RKQXpKp8Tutn80HZtWsu2u76w==}
engines: {node: '>=10'}
dependencies:
defer-to-connect: 2.0.1
dev: true

/@tauri-apps/api/1.0.0-beta.8:
resolution: {integrity: sha512-a56lXB7XvQ4+fKtT0pxpkjTSKhyrQ1Vmjyvt2ox3mT9xw3l7s8IOKHJ1WuqW6TA6xdoy3Cyja3Z3prw8hflS7g==}
engines: {node: '>= 12.13.0', npm: '>= 6.6.0', yarn: '>= 1.19.1'}
dev: false

/@tauri-apps/cli/1.0.0-beta.10:
resolution: {integrity: sha512-T0cvV5Y5vCeEw6tQ7DfuGhXxe26AwW9i3oYT/AQZlwrLG9Xk02Pp0/1Kqd/WeddE3X/IFfSm8YMRCz3VEIIWQ==}
engines: {node: '>= 12.20.0', npm: '>= 6.6.0', yarn: '>= 1.19.1'}
hasBin: true
dependencies:
'@tauri-apps/toml': 2.2.4
chalk: 4.1.2
cross-env: 7.0.3
cross-spawn: 7.0.3
fs-extra: 10.0.0
global-agent: 3.0.0
got: 11.8.2
imagemin: 8.0.1
imagemin-optipng: 8.0.0
imagemin-zopfli: 7.0.0
inquirer: 8.1.2

is-png: 3.0.0
minimist: 1.2.5
ms: 2.1.3
png2icons: 2.0.1
read-chunk: 3.2.0
semver: 7.3.5
sharp: 0.28.3
update-notifier: 5.1.0
dev: true

/@tauri-apps/toml/2.2.4:
resolution: {integrity: sha512-
NJV/pdgJObDIDWi5+MTHZ2qyNvdL0dlHqQ72nzQYXWbW1LHMPXgCJYI0pLqL1XxxLtxtInYbtVCGVAcwh
Gxdkw==}
dev: true

/@tokenizer/token/0.3.0:
resolution: {integrity: sha512-
OvjF+z51L3ov0OyAU0duzsYuvO01PH7x4t6DJx+guahgTnBHkhJdG7soQeTSFLWN3efnHyibZ4Z8l2EuWwJN3
A==}
dev: true

/@tsconfig/svelte/2.0.1:
resolution: {integrity: sha512-
aqkICXbM1oX5FfgZd2qSSAGdyo/NRxjWCamxoyi3T8iVQnzGge19HhDYzZ6NrVOW7bhcWNSq9XexWFtMzb
B24A==}
dev: true

/@types/cacheable-request/6.0.2:
resolution: {integrity: sha512-
B3xVo+dlKM6nnKTcmm5ZtY/OL8bOAOd2Olee9M1zft65ox50OzjEHW91sDiU9j6cvW8Ejg1/Qkf4xd2kugApUA
==}
dependencies:
'@types/http-cache-semantics': 4.0.1
'@types/keyv': 3.1.3
'@types/node': 12.20.42
'@types/responselike': 1.0.0
dev: true

/@types/crypto-js/4.1.0:
resolution: {integrity: sha512-
DCFFy/vh2IG6qHSGezQ+Sn2Ulf/1Mx51dqOdmOKyW5nMK3maLlxeS3onC7r212OnBM2pBR95HkAmAjjF08Yk
xQ==}
dev: true

/@types/http-cache-semantics/4.0.1:
resolution: {integrity: sha512-
SZs7ekbP8CN0txVG2xVRH6EgKmEm31BOxA07vkFaETzZz1xh+cbt8BcI0slpymvwhx5dlFnQG2rTIPVQn+iRPQ

```

==}
  dev: true

/@types/keyv/3.1.3:
  resolution: {integrity: sha512-
FXCJgyyN3ivVgRoml4h94G/p3kY+u/B86La+QptcqJaWtBWtmc6TtkNfS40n9bIvyLteHh7zXOtgbobORKPbDg=
=}
  dependencies:

'@types/node': 12.20.42
  dev: true

/@types/node/12.20.42:
  resolution: {integrity: sha512-
aI3/oo5DzyiI5R/xAhxxRzfZlWlsbbqdgxfTPkqu/Zt+23GXiJvMCyPJT4+xKSXOnLqoL8jJYMLTwvK2M3a5hw==
}

/@types/pug/2.0.6:
  resolution: {integrity: sha512-
SnHmG9wN1UVmagJOnyo/qkk0Z7gejYxOYYmaAwr5u2yFYfsupN3sg10kyzN8Hep/2zbHxCnsumxOoRIRMBw
KCg==}
  dev: true

/@types/responselike/1.0.0:
  resolution: {integrity: sha512-
85Y2BjiufFzaMIlvJDvTTB8Fx12xfLo4HgmHzVBz08w4wDePCTjYw66PdrolO0kzli3yam/YCgRufyo1DdQVTA=
=}
  dependencies:
    '@types/node': 12.20.42
  dev: true

/@types/sass/1.43.1:
  resolution: {integrity: sha512-
BPdoIt1lfJ6B7rw35ncdwBZrAssjcwzI5LByIrYs+tpXlj/CAkuVdRsgZDDp4lq5EjyWzwxZCqAoFyHKFwp32g==}
  dependencies:
    '@types/node': 12.20.42
  dev: true

/ansi-align/3.0.1:
  resolution: {integrity: sha512-
IOfwBF5iczOjp/WeY4YxyjqAFMQoZufdQWdD19SEExbVLNXqvpzSJ/M7Za4/sCPmQ0+GRquoA7bGcINcxe
w6w==}
  dependencies:
    string-width: 4.2.3
  dev: true

/ansi-escapes/4.3.2:

```

```
  resolution: {integrity: sha512-
gKXj5ALrKWQLsYG9jITRmR/xKluxHV+Z9QEwNIgCfM1/uwPMCuzVVnh5mwTd+OuBZcwSIMbqssNWRm1l
E51QaQ==}
  engines: {node: '>=8'}
  dependencies:
    type-fest: 0.21.3
  dev: true
```

```
/ansi-regex/2.1.1:
  resolution: {integrity: sha1-w7M6te42DYbg5ijwRorn7yfWVN8=}
  engines: {node: '>=0.10.0'}
  dev: true
```

```
/ansi-regex/5.0.1:
  resolution: {integrity: sha512-
qaJQXITSUGL2LH9SUXo8VwsY4soanhgo6LNSm84E1LbCE8s3O0wpdiRzyR9z/ZZJMlMWv37qOOb9pdJIMUE
KFQ==}
  engines: {node: '>=8'}
  dev: true
```

```
/ansi-styles/2.2.1:
  resolution: {integrity: sha1-tDLdM1i2NM914eRmQ2gkBTPB3b4=}
  engines: {node: '>=0.10.0'}
  dev: true
```

```
/ansi-styles/4.3.0:
  resolution: {integrity: sha512-
zbB9rCJAT1rbjiVDb2hqKFHNYLxgtk8NURxZ3IZwD3F6NtXBXXZQCnnSi1Lkx+IDohdPIFp222wVALIheZJQSEg
==}
  engines: {node: '>=8'}
  dependencies:
    color-convert: 2.0.1
  dev: true
```

```
/anymatch/3.1.2:
  resolution: {integrity: sha512-
P43ePFOAIupkguHUycrc4qJ9kz8ZiuOUijaETwX7THt0Y/GNK7v0aa8rY816xWjZ7rJdA5XdMcpVFTKMq+RvW
g==}
  engines: {node: '>= 8'}
  dependencies:
    normalize-path: 3.0.0
    picomatch: 2.3.1
  dev: true
```

```
/aproba/1.2.0:
  resolution: {integrity: sha512-
Y9J6ZjXtoYh8RnXVCMOU/ttDmk1aBjunq9vO0ta5x85WDQIQfUF9sIPBITdbiiIVcBo03Hi3jMxigBtsddlXRw==
}
```

dev: true

/arch/2.2.0:

resolution: {integrity: sha512-Of/R0wqp83cgHozfIYLbBMnej79U/SVG0OyuB3VVFv1NRM/PSFMK12x9KVtiYzJqmnU5WR2qp0Z5rHb7sW GnFQ==}
dev: true

/archive-type/4.0.0:

resolution: {integrity: sha1-+S5yIzBW38aWIHJ0nCZ72wRrHXA=}
engines: {node: '>=4'}
dependencies:
file-type: 4.4.0
dev: true

/are-we-there-yet/1.1.7:

resolution: {integrity: sha512-nxwy40TuMiUGqMyRHgCSWZ9FM4VAoRP4xUYSTv5ImRog+h9yISPbVH7H8fASCIZYn9wlEv4zvFL7uKDM CFQm3g==}
dependencies:
delegates: 1.0.0
readable-stream: 2.3.7
dev: true

/array-find-index/1.0.2:

resolution: {integrity: sha1-3wEkoSh+Fku9pvlyOwqWoexBh6E=}
engines: {node: '>=0.10.0'}

dev: true

/array-union/3.0.1:

resolution: {integrity: sha512-1OvF9IbWwaeiM9VhzYXVQacMibxpXOMYVNIvMtKRyX9SImBXpKcFr8XvFDeEslCyuh/t6KRt7HEO94AIP8 Iatw==}
engines: {node: '>=12'}
dev: true

/axios/0.24.0:

resolution: {integrity: sha512-Q6cWsys88HoPgAaFAVUub0WpPk0O8iTeisR9IMqy9G8AbO4NlpVknrnQS03zzF9PGAWgO3cgletO3VjV/P7Vzt A==}
dependencies:
follow-redirects: 1.14.7
transitivePeerDependencies:
- debug
dev: false

/balanced-match/1.0.2:

resolution: {integrity: sha512-3oSeUO0TMV67hN1AmbXsK4yaqU7tjiHlbrRDZOpH0KW9+CeX4bRAaX0Anxt0tx2MrpRpWwQaPwIIISEJhYU5Pw==}
dev: true

/base64-js/1.5.1:
resolution: {integrity: sha512-AKpaYlHn8t4SVbOHCy+b5+KKgvR4vrsD8vbvrbjQJps7fKDTkjkDry6ji0rUJjC0kzbNePLwzqx8iypo41qeWA==}
dev: true

/bin-build/3.0.0:
resolution: {integrity: sha512-jcUOof71/TNAI2uM5uoUaDq2ePcVBQ3R/qhxAz1rX7UfvduAL/RXD3jXzvn8cVcDJdGVkiR1shal3OH0ImpuhA==}
engines: {node: '>=4'}
dependencies:
decompress: 4.2.1

download: 6.2.5
execa: 0.7.0
p-map-series: 1.0.0
tempfile: 2.0.0
dev: true

/bin-check/4.1.0:
resolution: {integrity: sha512-b6weQyEUKsDGFACWSIOfveEnImkJK/FGW6FAG42loyoquvjdTOIqO6yBFzHyqyVVhNgNkQxxx09SFLK28YnA==}
engines: {node: '>=4'}
dependencies:
execa: 0.7.0
executable: 4.1.1
dev: true

/bin-version-check/4.0.0:
resolution: {integrity: sha512-sR631OrhC+1f8Cvs8WYVWOA33Y8tgwjETNPyD/myRBXLkfS/vl74FmH/IFcR19KY3zwGh7jFhvyk9vV3/3ilQ==}
engines: {node: '>=6'}
dependencies:
bin-version: 3.1.0
semver: 5.7.1
semver-truncate: 1.1.2
dev: true

/bin-version/3.1.0:
resolution: {integrity: sha512-Mkfm4iE1VFt4xd4vH+gx+0/71esbfus2LsnCGe8Pi4mndSPyT+NGES/Eg99jx8/UGWfu3z2yuB/bt5UB+iVbQ==}

```
engines: {node: '>=6'}
dependencies:
  execa: 1.0.0
  find-versions: 3.2.0
dev: true
```

```
/bin-wrapper/4.1.0:
  resolution: {integrity: sha512-
hfRmo7hWIXPkbpi0ZltboCMVrU+0ClXR/JgbCKKjldJQf6igXa7OwdqNcFWQZPZTgiY7ZpzE3+LjjkLiTN2T7Q
==}
  engines: {node: '>=6'}
  dependencies:
    bin-check: 4.1.0
    bin-version-check: 4.0.0
    download: 7.1.0
    import-lazy: 3.1.0
    os-filter-obj: 2.0.0
    pify: 4.0.1
  dev: true
```

```
/binary-extensions/2.2.0:
  resolution: {integrity: sha512-
jDctJ/IVQbZoJykoeHbhXpOINBqGNcwXJKJog42E5HDPuWQTSdjCHdihjj0DInheQ7blbT6dHOafNAiS8ooQKA
==}
  engines: {node: '>=8'}
  dev: true
```

```
/bl/1.2.3:
  resolution: {integrity: sha512-
pvcNpa0UU69UT341rO6AYy4FVAIkUHuZXRIWbq+zHnsVcRzDDjIAhGuuYoi0d//cwIwtt4pkpKycWEfdV+vw
w==}
  dependencies:
    readable-stream: 2.3.7
    safe-buffer: 5.2.1
  dev: true
```

```
/bl/4.1.0:
  resolution: {integrity: sha512-
1W07cM9gS6DcLperZfFSj+bWLtaPGSOHWhPiGzXmvVJbRLdG82sH/Kn8EtW1VqWVA54AKf2h5k5BbnIbwF
3h6w==}
  dependencies:
    buffer: 5.7.1
    inherits: 2.0.4
    readable-stream: 3.6.0
  dev: true
```

```
/boolean/3.1.4:
  resolution: {integrity: sha512-
```

```
3hx0kwU3uzG6ReQ3pnaFQPSktpBw6RHN3/ivDKEuU8g1XSfawoyvDnadjv1xp8IZqhtSukx1wv9bF6FhX8m0w=
=}
  dev: true

/boxen/5.1.2:
  resolution: {integrity: sha512-
9gYgQKXx+1nP8mP7CzFyaUARhg7D3n1dF/FnErWmu9l6JvGpNUN278h0aSb+QjoiKSWG+iZ3uHrcqk0qrY9R
QQ==}
  engines: {node: '>=10'}
  dependencies:
    ansi-align: 3.0.1
    camelcase: 6.3.0
    chalk: 4.1.2
    cli-boxes: 2.2.1
    string-width: 4.2.3
    type-fest: 0.20.2
    widest-line: 3.1.0
    wrap-ansi: 7.0.0
  dev: true

/brace-expansion/1.1.11:
  resolution: {integrity: sha512-
iCuPHDFgrHX7H2vEI/5xpz07zSHB00TpugqhmYtVmMO6518mCuRMoOYFldeEB10g187ufozdaHgWKcYFb61q
GiA==}
  dependencies:
    balanced-match: 1.0.2
    concat-map: 0.0.1
  dev: true

/braces/3.0.2:
  resolution: {integrity: sha512-
b8um+L1RzM3WDSzvhm6gIz1yfTbBt6YTlcEKAvsmqCZZFw46z626lVj9j1yEPW33H5H+IBQpZMP1k8l+78Ha
0A==}
  engines: {node: '>=8'}
  dependencies:
    fill-range: 7.0.1
  dev: true

/buffer-alloc-unsafe/1.1.0:
  resolution: {integrity: sha512-
TEM2iMIEQdJ2yjPJoSIsldnleVaAk1oW3DBVUykyOLsEsFmEc9kn+SFFPz+gl54KQNxlDnAwCXosOS9Okx2xA
g==}
  dev: true

/buffer-alloc/1.2.0:
  resolution: {integrity: sha512-
CFsHQgjtWIUChdXgbyJGtnm+O/uLQeZdtbDo8mfUgYXCHSM1wgrVxXm6bSyrUuErEb+4sYVGCzASBRot7z
yrow==}
```

dependencies:

buffer-alloc-unsafe: 1.1.0

buffer-fill: 1.0.0

dev: true

/buffer-crc32/0.2.13:

resolution: {integrity: sha1-DTM+PwDqxQqhRUq9MO+MKI2ackI=}

dev: true

/buffer-fill/1.0.0:

resolution: {integrity: sha1-+PeLdniYiO858gXNY39o5wISKyw=}

dev: true

/buffer/5.7.1:

resolution: {integrity: sha512-

EHcyIPBQ4BSGlvjB16k5KgAJ27CIsHY/2JBmCRReo48y9rQ3MaUzWX3KVlBa4U7MyX02HdVj0K7C3WaB3ju7FQ==}

dependencies:

base64-js: 1.5.1

ieee754: 1.2.1

dev: true

/cacheable-lookup/5.0.4:

resolution: {integrity: sha512-

2/kNscPhpcxrOigMZzbiWF7dz8ilhb/nIHU3EyZiXWXpeq/au8qJ8VhdfMkty3n7Gj6HIGalQG8oiBNB3AJgA==}

engines: {node: '>=10.6.0'}

dev: true

/cacheable-request/2.1.4:

resolution: {integrity: sha1-DYCIAbY0KtM8kd+dC0TcCbkeXD0=}

dependencies:

clone-response: 1.0.2

get-stream: 3.0.0

http-cache-semantics: 3.8.1

keyv: 3.0.0

lowercase-keys: 1.0.0

normalize-url: 2.0.1

responselike: 1.0.2

dev: true

/cacheable-request/6.1.0:

resolution: {integrity: sha512-

Oj3cAGPCqOZX7Rz64Uny2GYAZNliQSqfbePrgAQ1wKAihYmCUnraBtJtKcGR4xz7wF+LoJC+ssFZvv5BgF9Igg==}

engines: {node: '>=8'}

dependencies:

clone-response: 1.0.2

get-stream: 5.2.0

http-cache-semantics: 4.1.0
keyv: 3.1.0
lowercase-keys: 2.0.0
normalize-url: 4.5.1
responselike: 1.0.2
dev: true

/cacheable-request/7.0.2:
resolution: {integrity: sha512-pouW8/FmiPQbuGpkXQ9BAPv/Mo5xDGANGSNXzTzJ8DrKGuXOssM4wIQRjfanNRh3Yu5cfYYPvcorqbhg2KIJtew==}
engines: {node: '>=8'}
dependencies:
clone-response: 1.0.2
get-stream: 5.2.0
http-cache-semantics: 4.1.0
keyv: 4.0.5
lowercase-keys: 2.0.0
normalize-url: 6.1.0
responselike: 2.0.0
dev: true

/callsites/3.1.0:
resolution: {integrity: sha512-P8BjAsXvZS+VIDUI11hHCQEv74YT67YU5JJFNWIqL235sBmjX4+qx9Muvls5ivyNENctx46xQLQ3aTuE7ssaQ==}
engines: {node: '>=6'}
dev: true

/camelcase-keys/2.1.0:
resolution: {integrity: sha1-MIvur/3ygRkFHvodkyITyRuPkuc=}
engines: {node: '>=0.10.0'}
dependencies:
camelcase: 2.1.1
map-obj: 1.0.1
dev: true

/camelcase/2.1.1:
resolution: {integrity: sha1-fB0W1nmhu+WcoCys7PsBHiAfWh8=}
engines: {node: '>=0.10.0'}
dev: true

/camelcase/6.3.0:
resolution: {integrity: sha512-Gmy6FhYICY7uOEIzUSbxo2UCDH8owEk996gkbrpsgGtrJLM3J7jGx19Ic7Qwwj4ivOE5AWZWRMecDdF7hqGjFA==}
engines: {node: '>=10'}
dev: true

```
/caw/2.0.1:
  resolution: {integrity: sha512-
Cg8/ZSBEa8ZVY9HspcGUYaK63d/bN7rqS3CYCzEGUxuYv6UlmcyjDUz2fCFFHyTvUW5Pk0I+3hkA3iXIIj6gu
A==}
  engines: {node: '>=4'}
  dependencies:
    get-proxy: 2.1.0
    isurl: 1.0.0
    tunnel-agent: 0.6.0
    url-to-options: 1.0.1
  dev: true
```

```
/chalk/1.1.3:
  resolution: {integrity: sha1-qBFcVeSnAv5NFQq9OHKCKn4J/Jg=}
  engines: {node: '>=0.10.0'}
  dependencies:
    ansi-styles: 2.2.1
    escape-string-regexp: 1.0.5
    has-ansi: 2.0.0
    strip-ansi: 3.0.1
    supports-color: 2.0.0
  dev: true
```

```
/chalk/4.1.2:
  resolution: {integrity: sha512-
oKnbfyRiXpUueez8iBMmyEa4nbj4IOQyuhc/wy9kY7/WVPcwIO9VA668Pu8RkO7+0G76SLROeyw9CpQ061i4
mA==}
  engines: {node: '>=10'}
  dependencies:
    ansi-styles: 4.3.0
    supports-color: 7.2.0
  dev: true
```

```
/chardet/0.7.0:
  resolution: {integrity: sha512-
mT8iDcrh03qDGRRmoA2hmBJnxplIMR+0/0qlzjqZES6NdiWDcZkCNAk4rPFZ9Q85r27unkiNNg8ZOiwZXBHw
cA==}
  dev: true
```

```
/chokidar/3.5.3:
  resolution: {integrity: sha512-
Dr3sfKRP6oTcjf2JmUmFJfeVMvXBdegxB0iVQ5eb2V10uFJUCAS8OByZdVAyVb8xXNz3GjjTgj9kLWsZTqE6
kw==}
  engines: {node: '>= 8.10.0'}
  dependencies:
    anymatch: 3.1.2
    braces: 3.0.2
```

glob-parent: 5.1.2

is-binary-path: 2.1.0

is-glob: 4.0.3

normalize-path: 3.0.0

readdirp: 3.6.0

optionalDependencies:

fsevents: 2.3.2

dev: true

/chownr/1.1.4:

resolution: {integrity: sha512-

jJ0bqzaylmJtVnNgzTeSOs8DPavpbYgEr/b0YL8/2GO3xJEhInFmhKMUnEJQjZumK7KXGFhUy89PrsJWlakBVg==}

dev: true

/ci-info/2.0.0:

resolution: {integrity: sha512-

5tK7EtrZON+OLFMthtqOj4fi2Jeb88C4CAZPu25LDVUgXJ0A3Js4PMGqrm0JU1W0Mh1/Z8wZzYPxqUrXeBboCQ==}

dev: true

/cli-boxes/2.2.1:

resolution: {integrity: sha512-

y4coMcyIlgSCdVinjiDBuR8PCC2bLjyGTwEmPb9NHR/QaNU6EUOXcTY/s6VjGMD6ENSEaeQYHCY0GN5j fMwPw==}

engines: {node: '>=6'}

dev: true

/cli-cursor/3.1.0:

resolution: {integrity: sha512-

I/zHAsKf9FqGoXM4WWRACob9+SNukZTd94DWF57E4toouRulbCxcUh6RKUEOQIYTHJnzKPMYsvPNaaSLNfLZw==}

engines: {node: '>=8'}

dependencies:

restore-cursor: 3.1.0

dev: true

/cli-spinners/2.6.1:

resolution: {integrity: sha512-

x/5fWmGMnbKQAaNwN+UZIV79qBLM9JFnJuJ03gi5whrob0xV0ofNVHy9DhwGdsMJQc2OKv0oGmLzvaqvAVv+g==}

engines: {node: '>=6'}

dev: true

/cli-width/3.0.0:

resolution: {integrity: sha512-

FxqpkPPwuIHjuN93Omfm4h8uIanXofW0RxVEW3k5RKx+mJJYSthzNhp32Kzxy3YAEZ/Dc/EWN1vZRY0+kO

```
hbw==}
  engines: {node: '>= 10'}
  dev: true

/clone-response/1.0.2:
  resolution: {integrity: sha1-0dyXOSAxFfZ/vrICI7TuNQI56Ws=}
  dependencies:
    mimic-response: 1.0.1
  dev: true

/clone/1.0.4:
  resolution: {integrity: sha1-2jCcwmPfFZlMaIypAheco8fNfH4=}
  engines: {node: '>=0.8'}
  dev: true

/code-point-at/1.1.0:
  resolution: {integrity: sha1-DQcLTQQ6W+ozovGkDi7bPZpMz3c=}
  engines: {node: '>=0.10.0'}
  dev: true

/color-convert/1.9.3:
  resolution: {integrity: sha512-
QfAUtd+vFdAtFQcC8CCyYt1fYWxSqAiK2cSD6zDB8N3cpsEBAvRxp9zOGg6G/SHHJYAT88/az/IuDGALsNV
bGg==}
  dependencies:
    color-name: 1.1.3
  dev: true

/color-convert/2.0.1:
  resolution: {integrity: sha512-
RRECPsj7iu/xb5oKYcsFHSppFNnsj/52OVTRKb4zP5onXwVF3zVmmToNcOfGC+CRDpfK/U584fMg38ZHCaEl
KQ==}
  engines: {node: '>=7.0.0'}
  dependencies:
    color-name: 1.1.4
  dev: true

/color-name/1.1.3:
  resolution: {integrity: sha1-p9BVi9icQveV3UIyj3QIMcpTvCU=}
  dev: true

/color-name/1.1.4:
  resolution: {integrity: sha512-
dOy+3AuW3a2wNbZHIuMZpTcgjGuLU/uBL/ubcZF9OXbDo8ff4O8yVp5Bf0efS8uEoYo5q4Fx7dY9OgQGgAs
QA==}
  dev: true

/color-string/1.9.0:
```

```
  resolution: {integrity: sha512-
9Mrz2AQLefkH1UvASKj6v6hj/7eWgjnT/cVsR8CumieLoT+g900exWeNogqtweI8dxloXN9BDQTYro1oWu/5CQ
==}
  dependencies:
    color-name: 1.1.4
    simple-swizzle: 0.2.2
  dev: true

/color/3.2.1:
  resolution: {integrity: sha512-
aB17dZI9ENN6fUGC7mWpMTPNHmWUSNan9tuWN6ahh5ZLNk9baLJOnSMlrQkHcrfFgz2/RigjUVAjdx36Vce
mKA==}
  dependencies:
    color-convert: 1.9.3
    color-string: 1.9.0
  dev: true

/commander/2.20.3:
  resolution: {integrity: sha512-
GpVkmM8vF2vQUkj2LvZmD35JxeJOLCwJ9cUkugyk2nuhfv3+mJvpLYYt+0+USMxE+oj+ey/IJEnhZw75x/OMc
Q==}
  dev: true

/concat-map/0.0.1:
  resolution: {integrity: sha1-2Klr13/Wjfd5OnMDajug1UBdR3s=}
  dev: true

/config-chain/1.1.13:
  resolution: {integrity: sha512-
qj+f8APARXHrM0hraQXYb2/bOVSV4PvJQlNZ/DVj0QrmNM2q2euizkeuVckQ57J+W0mRH6Hvi+k50M4Jul2V
RQ==}
  dependencies:
    ini: 1.3.8
    proto-list: 1.2.4
  dev: true

/configstore/5.0.1:
  resolution: {integrity: sha512-
aMKprgk5YhBNyH25hj8wGt2+D52Sw1DRRIzqBwLp2Ya9mFmY8KPvvtvmna8SxVR9JmZ4kzMD68N22vlaRp
keFA==}
  engines: {node: '>=8'}
  dependencies:
    dot-prop: 5.3.0
    graceful-fs: 4.2.9
    make-dir: 3.1.0
    unique-string: 2.0.0
    write-file-atomic: 3.0.3
    xdg-basedir: 4.0.0
```

dev: true

/console-control-strings/1.1.0:

resolution: {integrity: sha1-PXz0Rk22RG6mRL9LOVB/mFEAjo4=}

dev: true

/console-stream/0.1.1:

resolution: {integrity: sha1-oJX+B7IEZZVfL6/Si11yvM2UnUQ=}

dev: true

/content-disposition/0.5.4:

resolution: {integrity: sha512-

FveZTNuGw04cx1AiWbzi6zTAL/lhehaWbTtgluJh4/E95DqMwTmha3KZN1aAWA8cFIhHzMZUvLevkw5Rqk+tSQ==}

engines: {node: '>= 0.6'}

dependencies:

safe-buffer: 5.2.1

dev: true

/core-util-is/1.0.3:

resolution: {integrity: sha512-

ZQBvi1DcpJ4GDqanjucZ2Hj3wEO5pZDS89BWBkcrvdXksJorwUDDZamX9ldFkp9aw2lmBDLgkObEA4DWNJ9FYQ==}

dev: true

/cross-env/7.0.3:

resolution: {integrity: sha512-

+HKd6EgcQCJGh2PSjZuUitQBQynKor4wrFbRg4DtAgS1aWO+gU52xpH7M9ScGgXSYmAVS9bIJ8EzuaGw0oNAw==}

engines: {node: '>=10.14', npm: '>=6', yarn: '>=1'}

hasBin: true

dependencies:

cross-spawn: 7.0.3

dev: true

/cross-spawn/5.1.0:

resolution: {integrity: sha1-6L00/uWPz/b4+UUQoKVUu/ojVEk=}

dependencies:

lru-cache: 4.1.5

shebang-command: 1.2.0

which: 1.3.1

dev: true

/cross-spawn/6.0.5:

resolution: {integrity: sha512-

eTVLrBS7fjbdygz805pMnstIs2VTBNkRm0qxZd+M7A5XDdxVRWO5MxGBXZjhY4cqLYLdtrGqRf8mBPmzwSpWQ==}

engines: {node: '>=4.8'}

```
dependencies:
  nice-try: 1.0.5
  path-key:
    2.0.1
      semver: 5.7.1
      shebang-command: 1.2.0
      which: 1.3.1
    dev: true

/cross-spawn/7.0.3:
  resolution: {integrity: sha512-
iRDpJKUPVEND7dHPO8rkbOnPpyDygcDFtWjpeWNCgy8WP2rXcxXL8TskReQl6OrB2G7+UJrags1q15Fudc7G
6w==}
  engines: {node: '>= 8'}
  dependencies:
    path-key: 3.1.1
    shebang-command: 2.0.0
    which: 2.0.2
  dev: true

/crypto-js/4.1.1:
  resolution: {integrity: sha512-
o2JlM7yddd3Qk9CA0L4NL6mTzU2sdx96a+oOfPu8Mkl/PK51vSyoI8/rQ8NknZtk44vq15lmlhAj9CIAGwgeWKw=
=}
  dev: false

/crypto-random-string/2.0.0:
  resolution: {integrity: sha512-
v1plID3y9r/lPhviJ1wrXpLeyUIGAZ2SHNYTEapm7/8A9nLPoyvVp3RK/EPFqn5kEznyWgYZNsRtYYIWbuG8K
A==}
  engines: {node: '>=8'}
  dev: true

/currently-unhandled/0.4.1:
  resolution: {integrity: sha1-mI3zP+qxke95mmE2nddsF635V+o=}
  engines: {node: '>=0.10.0'}
  dependencies:
    array-find-index: 1.0.2
  dev: true

/debug/4.3.3:
  resolution: {integrity: sha512-
/zw5+vh1Tfv+4Qn7a5nsbcJKPaSvCDhojn6FEI9vupwK2VCSdtEiEtqr8DFtzYFOdz63LBkxec7DYuc2jon6Q==}
  engines: {node: '>=6.0'}
  peerDependencies:
    supports-color: '*'
  peerDependenciesMeta:
    supports-color:

```

optional: true

dependencies:

ms: 2.1.2

dev: true

/decamelize/1.2.0:

resolution: {integrity: sha1-9INNFRCabIDUue+4m9QH5oZEpA=}

engines: {node: '>=0.10.0'}

dev: true

/decode-uri-component/0.2.0:

resolution: {integrity: sha1-6zkTMzRYd1y4TNGh+uBiEGu4dUU=}

engines: {node: '>=0.10'}

dev: true

/decompress-response/3.3.0:

resolution: {integrity: sha1-gKTdMjdIOEv6JICDYirt7Jgq3/M=}

engines: {node: '>=4'}

dependencies:

mimic-response: 1.0.1

dev: true

/decompress-response/4.2.1:

resolution: {integrity: sha512-

jOSne2qbyE+/r8G1VU+G/82LBs2Fs4LAsTiLSHOCOMZQl2OKZ6i8i4IyHemTe+/yIXOtTcRQMzPcgyhoFlqPkw
==}

engines: {node: '>=8'}

dependencies:

mimic-response: 2.1.0

dev: true

/decompress-response/6.0.0:

resolution: {integrity:

sha512-

aW35yZM6Bb/4oJlZncMH2LCoZtJXTRxES17vE3hoRiowU2kWHaJKFkSBDnDR+cm9J+9QhXmREyIfv0pji9ej
CQ==}

engines: {node: '>=10'}

dependencies:

mimic-response: 3.1.0

dev: true

/decompress-tar/4.1.1:

resolution: {integrity: sha512-

JdJMaCrGpB5fESVyxwpcx4Jdj2AagLmv3y58Qy4GE6HmVjWz1FeVQk1Ct4Kye7PftcdOo/7U7UKzYBJgqnGe
UQ==}

engines: {node: '>=4'}

dependencies:

file-type: 5.2.0

is-stream: 1.1.0
tar-stream: 1.6.2
dev: true

/decompress-tarbz2/4.1.1:

resolution: {integrity: sha512-s88xLzf1r81ICXLAVQVzaN6ZmX4A6U4z2nMbOwobxkLoIfjVMBg7TeguTUXkKeXni795B6y5rnvDw7rxhAq9A==}
engines: {node: '>=4'}
dependencies:
 decompress-tar: 4.1.1
 file-type: 6.2.0
 is-stream: 1.1.0
 seek-bzip: 1.0.6
 unbzip2-stream: 1.4.3
dev: true

/decompress-targz/4.1.1:

resolution: {integrity: sha512-4z81Znfr6chWnRDNfFNqLwPvm4db3WuZkqV+UgXQzSngG3CEKdBkw5jrv3axjjL96glyiiKjsxJG3X6WBZwX3w==}
engines: {node: '>=4'}
dependencies:
 decompress-tar: 4.1.1
 file-type: 5.2.0
 is-stream: 1.1.0
dev: true

/decompress-unzip/4.0.1:

resolution: {integrity: sha1-3qrM39FK6vhVePczroIQ+bSEj2k=}
engines: {node: '>=4'}
dependencies:
 file-type: 3.9.0
 get-stream: 2.3.1
 pify: 2.3.0
 yauzl: 2.10.0
dev: true

/decompress/4.2.1:

resolution: {integrity: sha512-e48kc2IjU+2Zw8cTb6VZcJQ3lgVbS4uuB1TfCHbiZIP/haNXm+SVyhu+87jts5/3ROpd82GSVCoNs/z8l4ZOaQ==}
engines: {node: '>=4'}
dependencies:
 decompress-tar: 4.1.1
 decompress-tarbz2: 4.1.1
 decompress-targz: 4.1.1
 decompress-unzip: 4.0.1
 graceful-fs: 4.2.9

make-dir: 1.3.0
pify: 2.3.0
strip-dirs: 2.1.0
dev: true

/deep-extend/0.6.0:
resolution: {integrity: sha512-
LOHxIOaPYdHlJRtCQfDIVZfw/ufM8+rVj649RIHzcm/vGwQRXFt6OPqIFWsm2XEMrNIetWR64sY1LEKD2v
AOA==}
engines: {node: '>=4.0.0'}
dev: true

/defaults/1.0.3:
resolution: {integrity: sha1-xlYFHpgX2f8I7YgUd/P+QBnz730=}
dependencies:
clone: 1.0.4
dev: true

/defer-to-connect/1.1.3:
resolution: {integrity: sha512-
0ISdNousHvZT2EiFiZeZAHBUvSxmKswVCEf8hW7KWgG4a8MVEu/3Vb6uWYozkjylyCxe0JBiRB1jV45S70
WVQ==}
dev: true

/defer-to-connect/2.0.1:
resolution: {integrity: sha512-
4tvttepXG1VaYGrRibk5EwJd1t4udunSOVMdLSAL6mId1ix438oPwPZMALY41FCijukO1L0twNcGsdzS7dHgDg
==}
engines: {node: '>=10'}
dev: true

/define-properties/1.1.3:
resolution: {integrity: sha512-
3MqfYKj2lLzdMSf8ZIZE/V+Zuy+Bgd6f164e8K2w7dgnpKArBDerGYpM46IYYcjnkdpNMjPk9A6VFB8+3SK1
XQ==}
engines: {node: '>= 0.4'}
dependencies:
object-keys: 1.1.1
dev: true

/delegates/1.0.0:
resolution: {integrity: sha1-hMbhwBgZBP3KwADvRM2HDTEID5o=}
dev: true

/detect-indent/6.1.0:
resolution: {integrity: sha512-
reYkTUJAZb9gUuZ2RvVCNhVHdg62RHnJ7WJl8ftMi4diZ6NWlciOzQN88pUhSELEwflJht4oQDv0F0BmlwaYt
A==}

engines: {node: '>=8'}

dev: true

/detect-libc/1.0.3:

resolution:

{integrity: sha1-+hN8S9aY7fVc1c0CrFWfkaTEups=}

engines: {node: '>=0.10'}

hasBin: true

dev: true

/detect-node/2.1.0:

resolution: {integrity: sha512-

T0NIuQpnTvFDATNuHN5roPwSBG83rFsuO+MXXH9/3N1eFbn4wcPjttvjMLEPWJ0RGUYgQE7cGgS3tNxbqC
GM7g==}

dev: true

/dir-glob/3.0.1:

resolution: {integrity: sha512-

WkrWp9GR4KXfKGYzOLmTuGVi1UWFfws377n9cc55/tb6DuqyF6pcQ5AbiHEshaDpY9v6oaSr2XCDidGmMw
dzIA==}

engines: {node: '>=8'}

dependencies:

path-type: 4.0.0

dev: true

/dot-prop/5.3.0:

resolution: {integrity: sha512-

QM8q3zDe58hqUqjiraQOmzZ1LIH9SWQJTIEKCH4kJ2oQvLZk7RbQXvtDM2XEq3fwkV9CCvvH4LA0AV+ogF
sBM2Q==}

engines: {node: '>=8'}

dependencies:

is-obj: 2.0.0

dev: true

/download/6.2.5:

resolution: {integrity: sha512-

DpO9K1sXAST8Cpzb7kmEhogJxymyVUd5qz/vCOSyvwtp2Klj2XcDt5YUuasgxka44SxF0q5RriKIwJmQHG2Au
A==}

engines: {node: '>=4'}

dependencies:

caw: 2.0.1

content-disposition: 0.5.4

decompress: 4.2.1

ext-name:

5.0.0

file-type: 5.2.0

filenamify: 2.1.0

get-stream: 3.0.0

got: 7.1.0
make-dir: 1.3.0
p-event: 1.3.0
pify: 3.0.0
dev: true

/download/7.1.0:

resolution: {integrity: sha512-xqnBTVd/E+GxJVrX5/eUJiLYjCGPwMpdL+jGhGU57BvtcA7wwhtHVbXBeUk51kOpW3S7Jn3BQbN9Q1R1Km2qDQ==}
engines: {node: '>=6'}
dependencies:
archive-type: 4.0.0
caw: 2.0.1
content-disposition: 0.5.4
decompress: 4.2.1
ext-name: 5.0.0
file-type: 8.1.0
filenamify: 2.1.0
get-stream: 3.0.0
got: 8.3.2
make-dir: 1.3.0
p-event: 2.3.1
pify: 3.0.0
dev: true

/duplexer3/0.1.4:

resolution: {integrity: sha1-7gHdHKwO08vH/b6jfcCo8c4ALOI=}
dev: true

/emoji-regex/8.0.0:

resolution: {integrity: sha512-MSjYzcWNOA0ewAHpz0MxpYFvwg6yjy1NG3xteoqz644VCo/RPgnr1/GGt+ic3iJTzQ8Eu3TdM14SawnVUmGE6A==}
dev: true

/end-of-stream/1.4.4:

resolution: {integrity: sha512+uw1inIHVPQoaVuHzRyXd21icM+cnt4CzD5rW+NC1wjOUSTOs+Te7FOv7AhN7vS9x/oIyhLP5PR1H+phQAHu5Q==}
dependencies:
once: 1.4.0
dev: true

/error-ex/1.3.2:

resolution: {integrity: sha512-7dFHNmqeFSEt2ZBsCriorKnn3Z2pj+fd9kmI6QoWw4//DL+icEBfc0U7qJCisqrTsKTjw4fNfY2pW9OqStD84g==}
dependencies:

is-arrayish: 0.2.1

dev: true

/es6-error/4.1.1:

resolution: {integrity: sha512-

Um/+FxmR9CISWh0bi5Zv0iOD+4cFh5qLeks1qhAopKVAJw3drgKbKySikp7wGhDL0HPeaja0P5ULZrxLkniUVg==}

dev: true

/es6-promise/3.3.1:

resolution: {integrity: sha1-oIzd6EzNvzTQJ6FFG8kdS80ophM=}

dev: true

/esbuild-android-arm64/0.13.15:

resolution: {integrity: sha512-

m602nft/XXeO8YQPUDVoHfjyRVPdPgjyyXOxZ44MK/agewFFkPa8tUo6lAzSWh5Ui5PB4KR9UIFTSBKh/RrCmg==}

cpu: [arm64]

os: [android]

requiresBuild: true

dev: true

optional: true

/esbuild-darwin-64/0.13.15:

resolution: {integrity: sha512-

ihOQRGs2yyp7t5bArCwnvn2Atr6X4axqPpEdCFVPv7iUj4cVSdisgvEKdNR7yH3JDjW6aQDw40iQFoTqejqvxQ==}

cpu: [x64]

os: [darwin]

requiresBuild: true

dev: true

optional: true

/esbuild-darwin-arm64/0.13.15:

resolution: {integrity: sha512-

i1FZssTVxUqNIJ6cBTj5YQj4imWy3m49RZRnHhLpefFIh0To05ow9DTrXROTE1urGTQClO FUXTX8QfGJy1P8dQ==}

cpu: [arm64]

os: [darwin]

requiresBuild: true

dev: true

optional: true

/esbuild-freebsd-64/0.13.15:

resolution: {integrity: sha512-

G3dLBXUI6lC6Z09/x+WtXBXbOYQZ0E8TDBqvn7aMaOCzryJs8LyVXKY4CPnHFXZAbSwkCbqiPuSQ1+HhrNk7EA==}

cpu: [x64]

os: [freebsd]
requiresBuild: true
dev: true
optional: true

/esbuild-freebsd-arm64/0.13.15:
resolution: {integrity: sha512-
KJx0fzEDf1uhNOZQStV4ujg30WlnwqUASaGSFPhznLM/bbheu9HhqZ6mJJZM32lkyfGJikw0jg7v3S0oAvtvQQ=
=
=
cpu: [arm64]
os: [freebsd]
requiresBuild: true
dev: true
optional: true

/esbuild-linux-32/0.13.15:
resolution: {integrity: sha512-
ZvTBPk0YWCLMCXiFmD5EUtB30zIPvC5Itxz0mdTu/xZBbbHJftQgLWY49wEPSn2T/TxahYCRDWun5smRa0
Tu+g==}
cpu: [ia32]
os: [linux]
requiresBuild: true
dev: true
optional: true

/esbuild-linux-64/0.13.15:
resolution: {integrity: sha512-
eCKzkNSLywNeQTRBxJRQ0jxRCI2YWdMB3+PkWfo2BBQYC5mISLIVijThNtn6HUNqua1pnvgP5xX0nHbZb
Pj5oA==}
cpu: [x64]
os: [linux]
requiresBuild: true
dev: true
optional: true

/esbuild-linux-arm/0.13.15:
resolution: {integrity: sha512-
wUHttDi/ol0tD8ZgUMDH8Ef7IbDX+/UsWJOXaAyTdkT7Yy9ZBqPg8bgB/Dn3CZ9SBpNieozrPRHm0BGww7W
/jA==}
cpu: [arm]
os: [linux]
requiresBuild: true
dev: true
optional: true

/esbuild-linux-arm64/0.13.15:
resolution: {integrity: sha512-
bYpuUIN6qYU9slzr/ltyLTR9YTBS7qUDymO8SV7kjeNext61OdmqFAzuVZom+OLW1HPHseBfJ/JfdSlx8oTUoA

```

==}
  cpu: [arm64]
  os: [linux]
  requiresBuild: true
  dev: true
  optional: true

/esbuild-linux-mips64le/0.13.15:
  resolution: {integrity: sha512-
KlVjIG828uFPyJkO/8gKwy9RbXhCEUeFsCGOJBepUlpa7G8/SeZgncUEz/tOOUJTcWMTmFMtdd3GEIGyAtbS
Wg==}
  cpu: [mips64le]
  os: [linux]
  requiresBuild:
true
  dev: true
  optional: true

/esbuild-linux-ppc64le/0.13.15:
  resolution: {integrity: sha512-
h6gYF+OsaqEuBjeesTBtUPw0bmiDu7eAeuc2OEh9S6mV9/jPhPdhOWzdeshb0BskRZxPhxPOjqZ+/OqLcxQwEQ
==}
  cpu: [ppc64]
  os: [linux]
  requiresBuild: true
  dev: true
  optional: true

/esbuild-netbsd-64/0.13.15:
  resolution: {integrity: sha512-
3+yE9emwoevLMYvu+iR3rsa+Xwhie7ZEHMGDQ6dkqP/ndFzRHkHkHUKTe+NCApSqG5ce2z4rFu+NX/UHnxlh
3w==}
  cpu: [x64]
  os: [netbsd]
  requiresBuild: true
  dev: true
  optional: true

/esbuild-openbsd-64/0.13.15:
  resolution: {integrity: sha512-
wTfvtwYJYAFL1fSs8yHIIdf5GEE4NkbtbXtjLWjM3Cw8mmQKqsg8kTiqJ9NJQe5NX/5Qlo7Xd9r1yKMMkHllp5
g==}
  cpu: [x64]
  os: [openbsd]
  requiresBuild: true
  dev: true
  optional: true

```

/esbuild-sunos-64/0.13.15:
resolution: {integrity: sha512-lbivT9Bx3t1iWWrSnGyBP9ODriEvWDRiweAs69vI+miJoeKwHWOCmSRukttbuzjZ8r1q0mQJ8Z7yUsDJ3hKd
w==}
cpu: [x64]
os: [sunos]
requiresBuild: true
dev: true
optional: true

/esbuild-windows-32/0.13.15:
resolution: {integrity: sha512-fDMEf2g3SsJ599MBR50cY5ve5IP1wyVwTe6aLJsM01KtxyKkB4UT+fc5MXQFn3RLrAIAZOG+tHC+yXObpSn7
Nw==}
cpu: [ia32]
os: [win32]
requiresBuild: true
dev: true
optional: true

/esbuild-windows-64/0.13.15:
resolution: {integrity: sha512-9aMsPRGDWCd3bGjUIKG/ZOJPKsitzlxl/Q3C1XDswO6eNX/Jtwu4M+jb6YDH9hRSUflQWX0XKAfWzgy5Wk
54JQ==}
cpu: [x64]
os: [win32]
requiresBuild: true
dev: true
optional: true

/esbuild-windows-arm64/0.13.15:
resolution: {integrity: sha512-zzvyCVVpbwQQATaf3IG8mu1IwGEiDxKkYUdA4FpoCHi1KtPa13jeScYDjlW0Qh+ebWzpKfR2ZwvqAQkSWN
cKjA==}
cpu: [arm64]
os: [win32]
requiresBuild: true
dev: true
optional: true

/esbuild/0.13.15:
resolution: {integrity: sha512-raCxt02HBKv8RJxE8vkTSCXGIyKHdEdGfUmiYb8wnabnaEmHzyW7DCHb5tEN0xU8ryqg5xw54mcwnYkC4x3
AIw==}
hasBin: true
requiresBuild: true
optionalDependencies:
esbuild-android-arm64:

0.13.15

esbuild-darwin-64: 0.13.15
esbuild-darwin-arm64: 0.13.15
esbuild-freebsd-64: 0.13.15
esbuild-freebsd-arm64: 0.13.15
esbuild-linux-32: 0.13.15
esbuild-linux-64: 0.13.15
esbuild-linux-arm: 0.13.15
esbuild-linux-arm64: 0.13.15
esbuild-linux-mips64le: 0.13.15
esbuild-linux-ppc64le: 0.13.15
esbuild-netbsd-64: 0.13.15
esbuild-openbsd-64: 0.13.15
esbuild-sunos-64: 0.13.15
esbuild-windows-32: 0.13.15
esbuild-windows-64: 0.13.15
esbuild-windows-arm64: 0.13.15

dev: true

/escape-goat/2.1.1:

resolution: {integrity: sha512-8/uIhbG12CsJy2JEW7D9pHbreaVaS/OpN3ycnyvEITdwM5n6GY6W6e2IPemfvGZeUMqZ9A/3GqIZMgKnBhAw/Q==}
engines: {node: '>=8'}
dev: true

/escape-string-regexp/1.0.5:

resolution: {integrity: sha1-G2HAViGQqN/2rjuyzwIAyhMLhtQ=}
engines: {node: '>=0.8.0'}
dev: true

/escape-string-regexp/4.0.0:

resolution: {integrity: sha512-TtpcNJ3XAzx3Gq8sWRzJaVajRs0uVxA2YAkdb1jm2YkPz4G6egUFAYa3n5vtEIZefPk5Wa4UXbKuS5fKkJWdgA==}
engines: {node: '>=10'}
dev: true

/estree-walker/2.0.2:

resolution: {integrity: sha512-Rfkk/Mp/DL7JVje3u18FxFujQITNR2q6QfMSMB7AvCBx91NGj/ba3kCfza0f6dVDbw7YIRf/nDm7pQrCCyQ/w==}
dev: true

/exec-buffer/3.2.0:

resolution: {integrity: sha512-wsiD+2Tp6BWHoVv3B+5Dcx6E7u5zky+hUwOHjuH2hKSLR3dvRmX8fk8UD8uqQixHs4Wk6eDmiegVrMPjKj7wpA==}
dev: true

```
engines: {node: '>=4'}
dependencies:
  execa: 0.7.0
  p-finally: 1.0.0
  pify: 3.0.0
  rimraf: 2.7.1
  tempfile: 2.0.0
dev: true
```

/execa/0.7.0:

```
resolution: {integrity: sha1-IEvs00zEHuMqY6n68nrVpl/FI3c=}
engines: {node: '>=4'}
dependencies:
  cross-spawn: 5.1.0
  get-stream: 3.0.0
  is-stream: 1.1.0
  npm-run-path: 2.0.2
  p-finally: 1.0.0
  signal-exit: 3.0.6
  strip-eof: 1.0.0
dev: true
```

/execa/1.0.0:

```
resolution: {integrity: sha512-
adbxcyWV46qiHyvSp50TKt05tB4tK3HcmF7/nxfAdhnox83seTDbwnaqKO4sXRy7roHAIFqJP/Rw/AuEbX61LA=
=}
engines: {node: '>=6'}
dependencies:
  cross-spawn: 6.0.5
  get-stream: 4.1.0
  is-stream: 1.1.0
  npm-run-path: 2.0.2
  p-finally: 1.0.0
  signal-exit: 3.0.6
  strip-eof: 1.0.0
dev: true
```

/executable/4.1.1:

```
resolution: {integrity: sha512-
8iA79xD3uAch729dUG8xaaBBFGaEa0wdD2VkyLFHwIqosEj/jT66AzcreRDSgV7ehnNLBW2WR5jIXwGKjVdT
Lg==}
engines: {node: '>=4'}
dependencies:
  pify: 2.3.0
dev: true
```

/expand-template/2.0.3:

```
resolution: {integrity: sha512-
```

```

XYfuKMvj4O35f/pOXLObndIRvyQ+/+6AhODh+OKWj9S9498pHHn/IMszH+gt0fBCRWMNfk1ZSp5x3AifmnI2
vg==}
  engines: {node: '>=6'}
  dev: true

/ext-list/2.2.2:
  resolution: {integrity: sha512-
u+SQgsubraE6zItfVA0tBuCBhfU9ogSRnsvygI7wht9TS510oLkBRXBsqopeUG/GBOIQyKZO9wjTqIu/sf5zFA==}
  engines: {node: '>=0.10.0'}
  dependencies:
    mime-db: 1.51.0
  dev: true

/ext-name/5.0.0:
  resolution: {integrity: sha512-
yblEwXAbGv1VQDmow7s38W77hzAgJAO50ztBLMcUyUBfxv1HC+LGwtiEN+Co6LtlqT/5uwVOxsD4TNiIWh
wdQ==}
  engines: {node: '>=4'}
  dependencies:
    ext-list: 2.2.2
    sort-keys-length: 1.0.1
  dev: true

/external-editor/3.1.0:
  resolution: {integrity: sha512-
hMQ4CX1p1izmuLYyZqLMO/qGNw10wSv9QDCPzXfyFrOaCSSoRfqE1Kf1s5an66J5JZC62NewG+mK49jOCt
Qew==}
  engines: {node: '>=4'}
  dependencies:
    chardet: 0.7.0
    iconv-lite: 0.4.24
    tmp: 0.0.33
  dev: true

/fast-glob/3.2.11:
  resolution: {integrity: sha512-
xrO3+1bxSo3ZVHAnqzyuewYT6aMFHRAd4Kcs92MAonjwQZLsK9d0SF1IyQ3k5PoirxTW0Oe/RqFgMQ6TcNE
5Ew==}
  engines: {node: '>=8.6.0'}
  dependencies:
    '@nodelib/fs.stat': 2.0.5
    '@nodelib/fs.walk': 1.2.8
    glob-parent: 5.1.2
    merge2: 1.4.1
    micromatch: 4.0.4
  dev: true

/fastq/1.13.0:

```

```
  resolution: {integrity: sha512-
YpkpUnK8od0o1hmeSc7UUs/eB/vIPWJYjKck2QKIzAf71Vm1AAQ3EbuZB3g2JIy+pg+ERD0vqI79KyZiB2e2N
w==}
  dependencies:
    reusify: 1.0.4
  dev: true

/fd-slicer/1.1.0:
  resolution: {integrity: sha1-JcfInLH5B3+IkbvmHY85Dq4lhx4=}
  dependencies:
    pend: 1.2.0
  dev: true

/figures/1.7.0:
  resolution: {integrity: sha1-y+Hjr/zxzUS4DK3+0o3Hk6lwHS4=}
  engines: {node: '>=0.10.0'}
  dependencies:
    escape-string-regexp: 1.0.5
    object-assign: 4.1.1
  dev: true

/figures/3.2.0:
  resolution: {integrity: sha512-
yaduQFRKLXYOGgEn6AZau90j3ggSOyiqXU0F9JZfeXYhNa+Jk4X+s45A2zg5jns87GAFa34BBm2kXw4XpNcb
dg==}
  engines: {node: '>=8'}
  dependencies:
    escape-string-regexp: 1.0.5
  dev: true

/file-type/16.5.3:
  resolution: {integrity: sha512-
uVsl7iFhHSOY4bEONLITK47iAHtNsFHWP5YE4xJfZ4rnX7S1Q3wce09XgqSC7E/xh8Ncv/be1lNoyprlUH/x6A=
=}
  engines: {node: '>=10'}
  dependencies:
    readable-web-to-node-stream: 3.0.2
    strtok3: 6.2.4
    token-types: 4.1.1
  dev: true

/file-type/3.9.0:
  resolution: {integrity: sha1-JXoHg4TR24CHvESdEH1SpSZyuek=}
  engines: {node: '>=0.10.0'}
  dev: true

/file-type/4.4.0:
```

resolution: {integrity: sha1-G2AOX8ofvcboDApwwxyNul95BsU=}
engines: {node: '>=4'}
dev: true

/file-type/5.2.0:

resolution: {integrity: sha1-LdvqfHP/42No365J3DOMBYwritY=}
engines: {node: '>=4'}
dev: true

/file-type/6.2.0:

resolution: {integrity: sha512-YPcTBDV+2Tm0VqjybVd32MHdlEGAtuxS3VAYsumFokDSMG+ROT5wawGlnHDoz7bfMcMDt9hXuXvXwoK Ux2fkOg==}
engines: {node: '>=4'}
dev: true

/file-type/8.1.0:

resolution: {integrity: sha512-qyQ0pzAy78gVoJsmYeNgl8uH8yKhr11VhW7JbzJmnlRi0I4R2eEDEJZVKG8agpDnLpacwNbDhLNG/LMdxHD2 YQ==}
engines: {node: '>=6'}
dev: true

/filename-reserved-regex/2.0.0:

resolution: {integrity: sha1-q/c9+rc10EVECr/qLZHzieu/oik=}
engines: {node: '>=4'}
dev: true

/filenamify/2.1.0:

resolution: {integrity: sha512-ICw7NTT6RsDp2rnYKvd8Fu4cr6ITzGy3+u4vUujPkabyaz+03F24NWEX7fs5fp+kBonlaqPH8fAO2NM+SXt/JA= =}
engines: {node: '>=4'}
dependencies:
 filename-reserved-regex: 2.0.0
 strip-outer: 1.0.1
 trim-repeated: 1.0.0
dev: true

/fill-range/7.0.1:

resolution: {integrity: sha512-qOo9F+dMUmC2Lcb4BbVvnKJxTPjCm+RRpe4gDuGrzkL7mEVI/djYSu2OdQ2Pa302N4oqkSg9ir6jaLWJ2USVp Q==}
engines: {node: '>=8'}
dependencies:
 to-regex-range: 5.0.1
dev: true

/find-up/1.1.2:

resolution: {integrity: sha1-ay6YIrGizgpgq2TWEOzK1TyyTQ8=}

engines: {node: '>=0.10.0'}

dependencies:

path-exists: 2.1.0

pinkie-promise: 2.0.1

dev: true

/find-versions/3.2.0:

resolution: {integrity: sha512-

P8WRou2S+oe222TOCHitLy8zj+SIsVJh52VP4lvXkaFVnOFFdoWv1H1Jjvel1aI6NCFOAaeAVm8qrI0odiLcww=
=}

engines: {node: '>=6'}

dependencies:

semver-regex: 2.0.0

dev: true

/follow-redirects/1.14.7:

resolution: {integrity: sha512-

+hbxoLbFMbRKDwohX8GkTataGqO6Jb7jGwpAlwgy2bIz25XtRm7KEzJM76R1WiNT5SwZkX4Y75SwBolkpm
E7iQ==}

engines: {node: '>=4.0'}

peerDependencies:

debug: '*'

peerDependenciesMeta:

debug:

optional: true

dev: false

/from2/2.3.0:

resolution: {integrity: sha1-i/tVAr3kpNNs/e6gB/zKIdfjgq8=}

dependencies:

inherits: 2.0.4

readable-stream: 2.3.7

dev: true

/fs-constants/1.0.0:

resolution: {integrity: sha512-

y6OAwoSIf7FyjMIv94u+b5rdheZEjzR63GTyZJm5qh4Bi+2YgwLCcI/fPFZkL5PSixOt6ZnKm+w+Hfp/Bciwow=
=}

dev: true

/fs-extra/10.0.0:

resolution: {integrity: sha512-

C5owb14u9eJwizKGDchcDUQeFtlSHHthBk8pbX9Vc1PFZrLombudjDnNns88aYslCyF6IY5SUw3Roz6xShcEIQ=
=}

engines: {node: '>=12'}

dependencies:

graceful-fs: 4.2.9

jsonfile: 6.1.0

universalify: 2.0.0

dev: true

/fs.realpath/1.0.0:

resolution: {integrity: sha1-FQStJSMVjKpA20onh8sBQRmU6k8=}

dev: true

/fsevents/2.3.2:

resolution: {integrity: sha512-

xiqMQR4xAeHTuB9uWm+fFRcIOgKBMiOBP+eXiyT7jsgVCq1bkVygt00oASowB7EdtpOHaaPgKt812P9ab+DDKA==}

engines: {node: ^8.16.0 || ^10.6.0 || >=11.0.0}

os: [darwin]

requiresBuild: true

dev: true

optional: true

/function-bind/1.1.1:

resolution: {integrity: sha512-

yIovAzMX49sF8Y158fSCWJ5svSLuaibPxXQJFLmBObTuCr0Mf1KiPopGM9NiFjiYBCbfaa2Fh6breQ6ANVTIOA==}

dev: true

/gauge/2.7.4:

resolution: {integrity: sha1-LANAXHU4w51+s3sxcCLjJfsBi/c=}

dependencies:

aproba: 1.2.0

console-control-strings: 1.1.0

has-unicode: 2.0.1

object-assign: 4.1.1

signal-exit: 3.0.6

string-width: 1.0.2

strip-ansi: 3.0.1

wide-align: 1.1.5

dev: true

/get-proxy/2.1.0:

resolution: {integrity: sha512-

zmZIaQTwNqB4R4fJUEp/FC51eZsc6EkErsPy3xtIYStaq8EB/hDIWipxsal+E8rz0qD7f2sL/NA9Xee4RInJw==}

engines: {node: '>=4'}

dependencies:

npm-conf: 1.1.3

dev: true

/get-stdin/4.0.1:

resolution: {integrity: sha1-uWjGsKBDhDJJAui/Gl3zJXmkUP4=}
engines: {node: '>=0.10.0'}
dev: true

/get-stream/2.3.1:
resolution: {integrity: sha1-Xzj5PzRgCWZu4BUKBUFn+Rvdlld4=}
engines: {node: '>=0.10.0'}
dependencies:
object-assign: 4.1.1
pinkie-promise:
2.0.1
dev: true

/get-stream/3.0.0:
resolution: {integrity: sha1-jpQ9E1jcN1VQVOy+LtsFqhdO3hQ=}
engines: {node: '>=4'}
dev: true

/get-stream/4.1.0:
resolution: {integrity: sha512-
GMAt4EJ5161kIy2HevLlr4luNjBgvvmj413KaQA7jt4V8B4RDsfpHk7WQ9GVqfYyyx8OS/L66Kox+rJRNkILK7w=
=}
engines: {node: '>=6'}
dependencies:
pump: 3.0.0
dev: true

/get-stream/5.2.0:
resolution: {integrity: sha512-
nBF+F1rAZVCu/p7rjzgA+Yb4lfYXrpl7a6VmJrU8wF9I1CKvP/QwPNZHnOlwbTkY6dvtFIzFMSyQXbLoTQPRp
A==}
engines: {node: '>=8'}
dependencies:
pump: 3.0.0
dev: true

/github-from-package/0.0.0:
resolution: {integrity: sha1-l/tldr/eiXMxPyDoKI75oWf6ZM4=}
dev: true

/glob-parent/5.1.2:
resolution: {integrity: sha512-
AOIgSQCepiJYwP3ARnGx+5VnTu2HBYdzbGP45eLw1vr3zB3vZLeyed1sC9hnbcOc9/SrMyM5RPQrkGz4aS9Zo
w==}
engines: {node: '>= 6'}
dependencies:
is-glob: 4.0.3
dev: true

```
/glob/7.2.0:
  resolution: {integrity: sha512-
lmLf6gtyrPq8tTjSmrO94wBeQbFR3HbLHbuyD69wuyQkImp2hWqMGB47OX65FBkPffO641IP9jWa1z4ivqG26
Q==}
  dependencies:
    fs.realpath: 1.0.0
    inflight: 1.0.6
    inherits: 2.0.4
    minimatch: 3.0.4
    once: 1.4.0
    path-is-absolute: 1.0.1
  dev: true
```

```
/global-agent/3.0.0:
  resolution: {integrity: sha512-
PT6XReJ+D07JvGoxQMkT6qji/jVNfX/h364XHZOWeRzy64sSFr+xJ5OX7LI3b4MPQzdL4H8Y8M0xzPpsVMw
A8Q==}
  engines: {node: '>=10.0'}
  dependencies:
    boolean: 3.1.4
    es6-error: 4.1.1
    matcher: 3.0.0
    roarr: 2.15.4
    semver: 7.3.5
    serialize-error: 7.0.1
  dev: true
```

```
/global-dirs/3.0.0:
  resolution: {integrity: sha512-
v8ho2DS5RiCjftj1nD9NmnfaOzTdud7RRnVd9kFNOjqZbISlx5DQ+OrTkywgd0dIt7oFCvKetZSHoHcP3sDdiA==
}
  engines: {node: '>=10'}
  dependencies:
    ini: 2.0.0
  dev: true
```

```
/globalthis/1.0.2:
  resolution: {integrity: sha512-
ZQnSFO1la8P7auIOQECnm0sSuoMeaSq0EEedXMBFF2QJO4uNcwbyhSgG3MruWNbFTqCLmxVwGOI7LZ9kA
SvHdeQ==}
  engines: {node: '>= 0.4'}
  dependencies:
    define-properties: 1.1.3
  dev: true
```

```
/globby/12.2.0:
  resolution: {integrity: sha512-
```

```
wiSuFQLZ+urS9x2gGP11H5drc5twabmm4m2gTR27XDFyjUHHJUNsS8o/2aKyIF6IoBaR630atdher0XJ5g6OMmA
==}
engines: {node: ^12.20.0 || ^14.13.1 || >=16.0.0}
dependencies:
  array-union: 3.0.1
  dir-glob: 3.0.1
  fast-glob: 3.2.11
  ignore: 5.2.0
  merge2: 1.4.1
  slash: 4.0.0
dev: true

/got/11.8.2:
  resolution: {integrity: sha512-
D0QywKgIe30ODs+fm8wMZiAcZjypcCodPNuMz5H9Mny7RJ+IjJ10BdmGW7OM7fHXP+O7r6ZwapQ/YQmMS
vB0UQ==}
  engines: {node: '>=10.19.0'}
  dependencies:
    '@sindresorhus/is': 4.4.0
    '@szmarczak/http-timer': 4.0.6
    '@types/cacheable-request': 6.0.2
    '@types/responselike': 1.0.0
    cacheable-lookup: 5.0.4
    cacheable-request: 7.0.2
    decompress-response: 6.0.0
    http2-wrapper: 1.0.3
    lowercase-keys: 2.0.0
    p-cancelable: 2.1.1
    responselike: 2.0.0
  dev: true

/got/7.1.0:
  resolution:
  {integrity: sha512-
Y5WMO7xKKq1muPxD+KmrR8DH5auG7fBdDVueZwETwV6VytKyU9OX/ddpq2/1hp1vIPvVb4T81dKQz3Biv
kNLw==}
  engines: {node: '>=4'}
  dependencies:
    decompress-response: 3.3.0
    duplexer3: 0.1.4
    get-stream: 3.0.0
    is-plain-obj: 1.1.0
    is-retry-allowed: 1.2.0
    is-stream: 1.1.0
    isurl: 1.0.0
    lowercase-keys: 1.0.1
    p-cancelable: 0.3.0
    p-timeout: 1.2.1
```


url-parse-lax: 3.0.0

dev: true

/graceful-fs/4.2.9:

resolution: {integrity: sha512-

NtNxqUcXgpW2iMrfqSfR73Glt39K+BLwWsPs94yR63v45T0Wbej7eRmL5cWfwEgqXnmjQp3zaJTshdRW/qC2ZQ==}

dev: true

/has-ansi/2.0.0:

resolution: {integrity: sha1-NPUEnOHs3ysGSa8+8k5F7TVBbZE=}

engines: {node: '>=0.10.0'}

dependencies:

ansi-regex: 2.1.1

dev: true

/has-flag/4.0.0:

resolution: {integrity: sha512-

EykJT/Q1KjTWctppgIAgfSO0tKVuZUjhgMr17kqTumMl6Afv3EISleU7qZUzoXDFTAHTDC4NOoG/ZxU3EvlMPQ==}

engines: {node: '>=8'}

dev: true

/has-symbol-support-x/1.4.2:

resolution: {integrity: sha512-

3ToOva++HaW+eCpgqZrCfN51IPB+7bJNVT6CUATzueB5Heb8o6Nam0V3HG5dIDvZU1Gn5QLcbahiKw/XVk5JJw==}

dev: true

/has-to-string-tag-x/1.4.1:

resolution: {integrity: sha512-

vdbKfmw+3LoOYVr+mtxHaX5a96+0f3DljYd8JOqvOLsf5mw2Otda2qCDT9qRqLAhrjyQ0h7ual5nOiASpsGNFw==}

dependencies:

has-symbol-support-x: 1.4.2

dev: true

/has-unicode/2.0.1:

resolution: {integrity: sha1-4Ob+ajjPUROIVeCG0Wkedx3iqLk=}

dev: true

/has-yarn/2.1.0:

resolution: {integrity: sha512-

UqBRqi4ju7T+TqGNdqAO0PaSVGsDGJUBQvk9eUWNGRY1CFGDzYhLWoM7JQEemnlvVcv/YEmc2wNW8BC24EnUsw==}

engines: {node: '>=8'}

dev: true

```
/has/1.0.3:
  resolution: {integrity: sha512-
f2dvO0VU6Oej7RkWJGrehjzMAjFp5/VKPP5tTpWIV4JHHZK1/BxbFRtf/siA2SWTe09caDmVtYYzWEIbBS4z
w==}
  engines: {node: '>= 0.4.0'}
  dependencies:
    function-bind: 1.1.1
  dev: true
```

```
/hosted-git-info/2.8.9:
  resolution: {integrity: sha512-
mxIDAb9Lsm6DoOJ7xH+5+X4y1LU/4Hi50L9C5sIswK3JzULS4bwk1FvjdBgvYR4bzT4tuUQiC15FE2f5HbLvY
w==}
  dev: true
```

```
/http-cache-semantics/3.8.1:
  resolution: {integrity: sha512-
5ai2iksyV8ZXmnZhHH4rWPoxsistEexSi5936zIQ1bnNTW5VnA85B6P/VpXiRM017Igrvb2kKo1a//y+0wSp3w=
=}
  dev: true
```

```
/http-cache-semantics/4.1.0:
  resolution: {integrity: sha512-
carPkUUh7ROWRK7Cv27RPtdhYhUsela/ue5/jKzjegVvXDqM2ILE9Q2BGn9JZJh1g87cp56su/FgQSzcWS8cQ==
}
  dev: true
```

```
/http2-wrapper/1.0.3:
  resolution: {integrity: sha512-
V+23sDMr12Wnz7iTcDeJr3O6AIXInvT/bmaAAAP/Xda35C90p9599p0F1eHR/N1KILWSoWVAiOMFjBBXaXS
Mxg==}
  engines: {node: '>=10.19.0'}
  dependencies:
    quick-lru: 5.1.1
    resolve-alpn: 1.2.1
  dev: true
```

```
/iconv-lite/0.4.24:
  resolution: {integrity: sha512-
v3MXnZAcvnywkTUEZomIActle7RXXeedOR31wwl7VlyoXO4Qi9arvSenNQWne1TcRwhCL1HwLI21bEqdpj8/r
A==}
  engines: {node: '>=0.10.0'}
  dependencies:
    safer-buffer: 2.1.2
  dev: true
```

```
/ieee754/1.2.1:
```

```
resolution: {integrity: sha512-
dcyqhDvX1C46lXZcVqCpK+FtMRQVdIMN6/Df5js2zouUsqG716sFxitIC+7KYK29KdXOLHdu9zL4sFnoVQnqa
A==}
dev: true
```

```
/ignore/5.2.0:
resolution: {integrity: sha512-
CmxgYGiEPCLhfLnpPp1MoRmifwEIOgcHXxOBjv7mY96c+eWScsOP9c112ZyLdWHi0FxHjI+4uVhKYp/gcdR
mQ==}
engines: {node: '>= 4'}
dev: true
```

```
/imagemin-optipng/8.0.0:
resolution: {integrity: sha512-
CUGfhfwqIPjAC0rm8Fy+R2DJDBGjzy2SkfyT09L8rasnF9jSoHFqJ1xxSZWK6HVPZBMhGPMxCTL70OgTHILF
5A==}
engines: {node: '>=10'}
dependencies:
  exec-buffer: 3.2.0
  is-png: 2.0.0
  optipng-bin: 7.0.1
dev: true
```

```
/imagemin-zopfli/7.0.0:
resolution: {integrity: sha512-
nmffj58rVb003AICZLBBVKgyZ5MYPZZfKxUhvA7bwPGougHI/F7EUKSse9jkgXjdvTjYg2ojJeh5N67mYgBM
9g==}
engines: {node: '>=10'}
dependencies:
  exec-buffer: 3.2.0
  is-png:
2.0.0
  zopfli-bin: 6.0.1
dev: true
```

```
/imagemin/8.0.1:
resolution: {integrity: sha512-
Q/QaPi+5HuwbnZnTQRqUVk6hKacI6z9iWiCSQBisAv7uBynZwO7t1svkryK17+iSQbkU/6t9DWnHz04cFs2WY7w
==}
engines: {node: '>=12'}
dependencies:
  file-type: 16.5.3
  globby: 12.2.0
  graceful-fs: 4.2.9
  junk: 3.1.0
  p-pipe: 4.0.0
  replace-ext: 2.0.0
  slash: 3.0.0
```

dev: true

/import-fresh/3.3.0:

resolution: {integrity: sha512-veYYhQa+D1QBKznvhUHxb8faxlrwUnxseDAbAp457E0wLNio2bOSKmjYDhMj+YiAq61xrMGhQk9iXVvk5FzgQMw==}
engines: {node: '>=6'}
dependencies:
parent-module: 1.0.1
resolve-from: 4.0.0
dev: true

/import-lazy/2.1.0:

resolution: {integrity: sha1-BWmOPUXIjo1+nZLLBYTnfwlvPkM=}
engines: {node: '>=4'}
dev: true

/import-lazy/3.1.0:

resolution: {integrity: sha512-8/gvXvX2JMn0F+CDISC4l6kOmVaLOO3XLkksI7CI3Ud95KDYJuYur2b9P/PUt/i/pDAMd/DulQsNbbbmRRsDIQ==}
engines: {node: '>=6'}
dev: true

/imurmurhash/0.1.4:

resolution: {integrity: sha1-khi5srkoojixPcT7a21XbyMUU+o=}
engines: {node: '>=0.8.19'}
dev: true

/indent-string/2.1.0:

resolution: {integrity: sha1-ji1INIdCEhtKghi3oTfppSBJ3IA=}
engines: {node: '>=0.10.0'}
dependencies:
repeating: 2.0.1
dev: true

/inflight/1.0.6:

resolution: {integrity: sha1-Sb1jMdfQLQwJvJEKEHW6gWW1bfk=}
dependencies:
once: 1.4.0
wrappy: 1.0.2
dev: true

/inherits/2.0.4:

resolution: {integrity: sha512-k/vGaX4/Yla3WzyMCvTQOXYeIHvqOKtnqBduzTHpzpQZzAskKMhZ2K+EnBiSM9zGSoIFeMpXKxa4dYeZIQqewQ==}
dev: true

```
/ini/1.3.8:  
  resolution: {integrity: sha512-  
JV/yugV2uzW5iMRSiZAYDtQd+nxtUnjeLt0acNdw98kKLrvuRVyB80tsREOE7yvGVgalhZ6RNXCmEHkUKBKx  
ew==}  
  dev: true
```

```
/ini/2.0.0:  
  resolution: {integrity: sha512-  
7PnF4oN3CvZF23ADhA5wRaYEQpJ8qygSkbtTXWBeXWXmEVRXK+1ITciHWwHhsjv1TmW0MgacIv6hEi5p  
X5NQdA==}  
  engines: {node: '>=10'}  
  dev: true
```

```
/inquirer/8.1.2:  
  resolution: {integrity: sha512-  
DHLKJwLPNgkfwNmsuEUKSejJFbkv0FMO9SMiQbjI3n5NQuCrSIBqP66ggqyz2a6t2qEolKrMjhQ3+W/xXgUQ+  
Q==}  
  engines: {node: '>=8.0.0'}  
  dependencies:  
    ansi-escapes: 4.3.2  
    chalk: 4.1.2  
    cli-cursor: 3.1.0  
    cli-width: 3.0.0  
    external-editor: 3.1.0  
    figures: 3.2.0  
    lodash: 4.17.21  
    mute-stream: 0.0.8  
    ora: 5.4.1  
    run-async: 2.4.1  
    rxjs: 7.5.2  
    string-width: 4.2.3  
    strip-ansi: 6.0.1  
    through: 2.3.8  
  dev: true
```

```
/into-stream/3.1.0:  
  resolution: {integrity: sha1-lvsKk2wSur1v8XUqF9BWFqyQIMY=}  
  engines: {node: '>=4'}  
  dependencies:  
    from2: 2.3.0  
    p-is-promise: 1.1.0  
  dev: true
```

```
/is-arrayish/0.2.1:  
  resolution: {integrity: sha1-d8mYQFJ6qOyxqLppe4BkWnqSap0=}  
  dev: true
```

```
/is-arrayish/0.3.2:
  resolution: {integrity: sha512-
eVRqCvVIZbuw3GrM63ovNSNAeA1K16kaR/LRY/92w0zxQ5/1YzwbIUx652i4Xs9RwAGjW9d9y6X88t8OaAJf
WQ==}
  dev: true

/is-binary-path/2.1.0:
  resolution: {integrity: sha512-
ZMERYes6pDydyuGidse7OsHxtbI7WVeUEozgR/g7rd0xUimYNIvZRE/K2MgZTjWy725IfelLeVcEM97mmtRGX
w==}
  engines: {node: '>=8'}
  dependencies:
    binary-extensions: 2.2.0
  dev: true

/is-ci/2.0.0:
  resolution: {integrity: sha512-
YfJT7rpkQB0updsHLGWrvhBJfczNNawYDNIyQXJz0IViGf75O8EBPKSdvw2rF+LGCsX4FZ8tcr3b19LcZq4w
==}
  hasBin: true
  dependencies:
    ci-info: 2.0.0
  dev: true

/is-core-module/2.8.1:
  resolution: {integrity: sha512-
SdNCUs284hr40hFTFP6l0IfZ/RSrMXF3qgoRHd3/79unUTvrFO/JoXwkGm+5J/Oe3E/b5GsnG330uUNgRpu1PA=
=}
  dependencies:
    has: 1.0.3
  dev: true

/is-extglob/2.1.1:
  resolution: {integrity: sha1-qIwCU1eR8C7TfHahueqXc8gz+MI=}
  engines: {node: '>=0.10.0'}
  dev: true

/is-finite/1.1.0:
  resolution: {integrity: sha512-
cdyMtqX/BOqqNBBiKlIVkytNHm49MtMIYyn1zzzvJKWmFMIGzm+ry5BBfYyeY9YmNKbRSo/o7OX9w9ale0w
g3w==}
  engines: {node: '>=0.10.0'}
  dev: true

/is-fullwidth-code-point/1.0.0:
  resolution: {integrity: sha1-754xOG8DGn8NZDr4L95QxFfvAMs=}
  engines:
```

```
{node: '>=0.10.0'}
dependencies:
  number-is-nan: 1.0.1
dev: true

/is-fullwidth-code-point/3.0.0:
  resolution: {integrity: sha512-zymm5+u+sCsSWyD9qNaejV3DFvhCKclKdizYaJUuHA83RLjb7nSuGnddCHGv0hk+KY7BMAlsWeK4Ueg6EV6XQg==}
  engines: {node: '>=8'}
  dev: true

/is-glob/4.0.3:
  resolution: {integrity: sha512-xelSayHH36ZgE7ZWwhli7pW34hNbNl8Ojv5KVmkJD4hBdD3th8Tfk9vYasLM+mXWOZhFkgZfxhLSnrwRr4elSSg==}
  engines: {node: '>=0.10.0'}
  dependencies:
    is-extglob: 2.1.1
  dev: true

/is-installed-globally/0.4.0:
  resolution: {integrity: sha512-ia8xwW6bWOfKh6j49tH4kdi3XW1U0M4w4l713iZ3WV0n31q0HPRD0SdgK9E5zjLqVT0PY1YJKh8K7Tq==}
  engines: {node: '>=10'}
  dependencies:
    global-dirs: 3.0.0
    is-path-inside: 3.0.3
  dev: true

/is-interactive/1.0.0:
  resolution: {integrity: sha512-2HvIEKRoqS62guEC+qBjpvRubdX910WCMuJTZ+I9yvqKU2/12eSL549HMwtabb4oupdj2sMP50k+XJfB/8JE6w==}
  engines: {node: '>=8'}
  dev: true

/is-natural-number/4.0.1:
  resolution: {integrity: sha1-q5124dtM7VHjXeDHLr7PCfc0zeg=}
  dev: true

/is-npm/5.0.0:
  resolution: {integrity: sha512-WW/rQLOazUq+ST/bCAVBp/2oMERWLSR7OrKyt052dNDk4DHcDE0/7QSXITlmi+VBcV13DfIbysG3tZJm5RfdBA==}
  engines: {node: '>=10'}
  dev: true
```

/is-number/7.0.0:
resolution: {integrity: sha512-41Cifkg6e8TylSpdtTpeLVMqvSBEVzTttHvERD741+pnZ8ANv0004MRL43QKPDIK9cGvNp6NZWZUBlbGXYx
xng==}
engines: {node: '>=0.12.0'}
dev: true

/is-obj/2.0.0:
resolution: {integrity: sha512-drqDG3cbcxxEJRoOXcOjtdp1J/lyp1mNn0xaznRs8+muBhgQcrnbspox5X5fOw0HnMnbfDzvnEMEtqDEJEo8w=
=
=
engines: {node: '>=8'}
dev: true

/is-object/1.0.2:
resolution: {integrity: sha512-2rRIahhZr2UWb45fIOuvZGpFtz0TyOZLf32KxBbSoUCeZR495zCKIWUKKUByk3geS2eAs7ZAABt0Y/Rx0GiQ
GA==}
dev: true

/is-path-inside/3.0.3:
resolution: {integrity: sha512-Fd4gABb+ycGAmKou8eMftCupSir5lRxqf4aD/vd0cD2qc4HL07OjCeuHMf8Ro4CoMaeCKDB0/ECBOVWjTwUv
PQ==}
engines: {node: '>=8'}
dev: true

/is-plain-obj/1.1.0:
resolution: {integrity: sha1-caUMhCnfync8kqOQpKA7OfzVHT4=
=
=
engines: {node: '>=0.10.0'}
dev: true

/is-png/2.0.0:
resolution: {integrity: sha512-4KPGizaVGj2LK7xwJlz8o5B2ubu1D/vcQsgOGFEDlpcvgZHto4gBnyd0ig7Ws+67ixmwKoNmu0hYnp06AaKb5g
==}
engines: {node: '>=8'}
dev: true

/is-png/3.0.0:
resolution: {integrity: sha512-waa2qEuqLjjYT14KOUQqAEIRRIv7ttkzPVctY/qv+IAKnzXf+JAPKQas50RgO0ECPDUG/iB1zQmwpyB9kkZt
Q==}
engines: {node: '>=12'}
dev: true

/is-retry-allowed/1.2.0:
resolution: {integrity: sha512-

```
RUbUeKwvm3XG2VYamhJL1xFktgfvPzL0Hq8C+6yrWlswDy3BIXGqCxxk30N9jqK311gVU137K8Ei55/zVJ
Rg==}
  engines: {node: '>=0.10.0'}
  dev: true

/is-stream/1.1.0:
  resolution: {integrity: sha1-EtSj3U5o4Lec6428hBc66A2RykQ=}
  engines: {node: '>=0.10.0'}
  dev: true

/is-typedarray/1.0.0:
  resolution: {integrity: sha1-5HnICFjfDBsR3dppQPlgEfzaSpo=}
  dev: true

/is-unicode-supported/0.1.0:
  resolution: {integrity: sha512-knxG2q4UC3u8stRGyAVJCOdxFmv5DZiRcdIlaAQXAbSfJya+OhopNotLQrstBhququ4ZpuKbDc/8S6mgXgPFPw
==}
  engines: {node: '>=10'}
  dev: true

/is-utf8/0.2.1:
  resolution: {integrity: sha1-Sw2hRCEE0bM2NA6AeX6GXPOffXI=}
  dev: true

/is-yarn-global/0.3.0:
  resolution: {integrity: sha512-VjSeb/IHmkoyd8ryPVIKvOCn4D1koMqY+vqyjjUfc3xyKtP4dYOxM44sZrnqQSzSds3xyOrUTLTC9LVCVgLngw
==}
  dev: true

/isarray/1.0.0:
  resolution: {integrity: sha1-u5NdsFgsuhaMBoNJV6VKPgcSTxE=}
  dev: true

/isexe/2.0.0:
  resolution: {integrity: sha1-6PvzdNxVb/iUehDcsFctYz8s+hA=}
  dev: true

/isurl/1.0.0:
  resolution: {integrity: sha512-1P/yWsxPIDtn7QeRD+ULKQPaIaN6yF368GZ2vDfv0AL0NwpStafjWCDDdn0k8wgFMWpVAqG7oJhxHnlud42i
9w==}
  engines: {node: '>= 4'}
  dependencies:
    has-to-string-tag-x: 1.4.1
    is-object: 1.0.2
  dev: true
```

/json-buffer/3.0.0:

resolution: {integrity: sha1-Wx85evx11ne96Lz8Dkfh+aPZqJg=}
dev: true

/json-buffer/3.0.1:

resolution: {integrity: sha512-4bV5BfR2mqfQTJm+V5tPPdf+ZpuhiIvTuAB5g8kcrXOZpTT/QwwVRWBywX1ozr6lEuPdbHxwaJlm9G6mI2sfSQ==}
dev: true

/json-stringify-safe/5.0.1:

resolution: {integrity: sha1-Epai1Y/UXxmg9s4B1lCB4sc1tus=}
dev: true

/jsonfile/6.1.0:

resolution: {integrity: sha512-5dgdndWOriY5m5cnYaJNhalLNDKOqFwyDB/rr1E9ZsGciGvKPs8R2xYGCacuf3z6K1YKDz182fd+fY3cn3pMqXQ==}
dependencies:
 universalify: 2.0.0
optionalDependencies:
 graceful-fs: 4.2.9
dev: true

/junk/3.1.0:

resolution: {integrity: sha512-pBxcB3Lfc8QVgdggvZWyeys+hnrNWg4OcZIU/1X59k5jQdLBIcsYGRQaz234SgoRLTCgMH00fY0xRJH+F9METQ==}
engines: {node: '>=8'}
dev: true

/keyv/3.0.0:

resolution: {integrity: sha512-eguHnq22OE3uVoSYG0LVWNP+4ppamWr9+zWBe1bsNcovIMy6huUJFPgy4mGwCd/rnl3vOLGW1MTlu4c57CT1xA==}
dependencies:
 json-buffer: 3.0.0
dev: true

/keyv/3.1.0:

resolution: {integrity: sha512-9ykJ/46SN/9KPM/sichzQ7OvXyGDYKGTaDIKMGCAlg2UK8KRy4jb0d8sFc+0Tt0YYnThq8X2RZgCg74RPxgcVA==}
dependencies:
 json-buffer: 3.0.0
dev: true

/keyv/4.0.5:
resolution: {integrity: sha512-531pkGLqV3BMg0eDqqJFI0R1mkK1Nm5xIP2mM6keP5P8WfFtCkg2IOwplTUmlGoTgIg9yQYZ/kdihhz89XH3vA==}
dependencies:
 json-buffer: 3.0.1
dev: true

/kleur/4.1.4:
resolution: {integrity: sha512-8QADVssbrFjivHWQU7KkMgptGT16WAcSdlbBPY4uNF+mWr6DGcKrvY2w4FQJoXch7+fKMjj0dRrL75vk3k230A==}
engines: {node: '>=6'}
dev: true

/latest-version/5.1.0:
resolution: {integrity: sha512-weT+r0kTkRQdCdYCNtkMwWXQTMEswKrFBkm4ckQOMVhqqhIMI1UT2hMj+1iiglhgSZm5gTmrRXBNoGugaTY1xA==}
engines: {node: '>=8'}
dependencies:
 package-json: 6.5.0
dev: true

/load-json-file/1.1.0:
resolution: {integrity: sha1-lWkFc11YtLq0wiYbBPWfMcmTdma=}
engines: {node: '>=0.10.0'}
dependencies:
 graceful-fs: 4.2.9
 parse-json: 2.2.0
 pify: 2.3.0
 pinkie-promise: 2.0.1
 strip-bom: 2.0.0
dev: true

/lodash/4.17.21:
resolution: {integrity: sha512-v2kDEe57lecTulaDIuNTPy3Ry4gLGJ6Z1O3vE1krgXZNrsQ+LFTGHVxVjcxPs17LhbZVGedAJv8XZ1tvj5FvSg==}
dev: true

/log-symbols/4.1.0:
resolution: {integrity: sha512-8XPvpAA8uyhfteu8pIvQxpJZ7SYydpUivZpGy6sFsBuKRY/7rQGavedeB8aK+Zkyq6upMFVL/9AW6vOYzfRyLg==}
engines: {node: '>=10'}
dependencies:
 chalk: 4.1.2

is-unicode-supported: 0.1.0

dev: true

/logalot/2.1.0:

resolution: {integrity: sha1-X46MkNME7fEIMJUaVVSruMXj9VI=}

engines: {node: '>=0.10.0'}

dependencies:

figures: 1.7.0

squeak: 1.3.0

dev: true

/longest/1.0.1:

resolution: {integrity: sha1-MKCy2jj3N3DoKUoNIuZiXtd9AJc=}

engines: {node: '>=0.10.0'}

dev: true

/loud-rejection/1.6.0:

resolution: {integrity: sha1-W0b4AUft7leIcPCG0Eghz5mOVR8=}

engines: {node: '>=0.10.0'}

dependencies:

currently-unhandled: 0.4.1

signal-exit: 3.0.6

dev: true

/lowercase-keys/1.0.0:

resolution: {integrity: sha1-TjNms55/VFfjXxMkvfb4jQv8cwY=}

engines: {node: '>=0.10.0'}

dev:

true

/lowercase-keys/1.0.1:

resolution: {integrity: sha512-

G2Lj61tXDnVFFOi8VZds+SoQjtQC3dgokKdDG2mTm1tx4m50NUHBOZSBwQQHy0V12A0JTG4icfZQH+xPyh8VA==}

engines: {node: '>=0.10.0'}

dev: true

/lowercase-keys/2.0.0:

resolution: {integrity: sha512-

tqNXrS78oMOE73NMxK4EMLQsQowWf8jKooH9g7xPavRT706R6bkQJ6DY2Te7QukaZsulxa30wQ7bk0pm4XiHmA==}

engines: {node: '>=8'}

dev: true

/lpad-align/1.1.2:

resolution: {integrity: sha1-IfYArBwwlcPG5JfuZyce4ISB/p4=}

engines: {node: '>=0.10.0'}

hasBin: true

dependencies:

get-stdin: 4.0.1
indent-string: 2.1.0
longest: 1.0.1
meow: 3.7.0
dev: true

/lru-cache/4.1.5:

resolution: {integrity: sha512-sWZlbEP2OsHNkXrMl5GYk/jKk70MBng6UU4YI/qGDYbgf6YbP4EvmqISbXCcoJiRKs+1bSpFHVgQxvJ17F2li5g==}
dependencies:
pseudomap: 1.0.2
yallist: 2.1.2
dev: true

/lru-cache/6.0.0:

resolution: {integrity: sha512-Jo6dJ04CmSjuznwJSS3pUeWmd/H0ffTlkXXgwZi+eq1UCmqQwCh+eLsYOYCwY99li2Fah4h1BEMCx4qThGbsiA==}
engines: {node: '>=10'}
dependencies:
yallist: 4.0.0
dev: true

/magic-string/0.25.7:

resolution: {integrity: sha512-4CrMT5DOHTDk4HYDlzmwu4FVCCiYI8gauveasrdCu2IKIFOJ3f0v/8MDGJCDL9oD2ppz/Av1b0Nj345H9M+XIA==}
dependencies:
sourcemap-codec: 1.4.8
dev: true

/make-dir/1.3.0:

resolution: {integrity: sha512-2w31R7SJtieJJnQtGc7RVL2StM2vGYYVfqUOvUDxH6bC6aJTxFxTF0GnIgCyu7tjockiUWAYQRbxa7vKn34s5sQ==}
engines: {node: '>=4'}
dependencies:
pify: 3.0.0
dev: true

/make-dir/3.1.0:

resolution: {integrity: sha512-g3FeP20LNwhALb/6Cz6Dd4F2ngze0jz7tbrzD2wAV+o9FeNHe4rL+yK2md0J/fiSf1sa1ADhXqi5+oVwOM/eGw==}
engines: {node: '>=8'}
dependencies:

semver: 6.3.0

dev: true

/map-obj/1.0.1:

resolution: {integrity: sha1-2TPOuSBdgr3PSIb2dCvcK03qFG0=}

engines: {node: '>=0.10.0'}

dev: true

/matcher/3.0.0:

resolution: {integrity: sha512-

OkeDaAZ/bQCxeFAozM55PKcKU0yJMPGifLwV4Qgjit+5MoAfSQN4lsLJeXZ1b8w0x+/Emda6MZgXS1jvsapng==}

engines: {node: '>=10'}

dependencies:

escape-string-regexp: 4.0.0

dev: true

/meow/3.7.0:

resolution: {integrity: sha1-cstmi0JSKcKku/qFaJJYcwioAfs=}

engines: {node: '>=0.10.0'}

dependencies:

camelcase-keys: 2.1.0

decamelize: 1.2.0

loud-rejection: 1.6.0

map-obj: 1.0.1

minimist: 1.2.5

normalize-package-data: 2.5.0

object-assign: 4.1.1

read-pkg-up: 1.0.1

redent: 1.0.0

trim-newlines: 1.0.0

dev: true

/merge2/1.4.1:

resolution: {integrity: sha512-

8q7VEgMJW4J8tcfVPy8g09NcQwZdbwFEqhe/WzkoIzjn/3TGDwtOCYtXGxA3O8tPzpczCCDgv+P2P5y00ZJOOg==}

engines: {node: '>= 8'}

dev: true

/micromatch/4.0.4:

resolution: {integrity: sha512-

pRmzw/XUcwXGpD9aI9q/0XOwLNygiETJ8y0ao0wdqprzDa4YnxLcz7fQRZr8voh8V10kGhABbNcHVk5wHgWwg==}

engines: {node: '>=8.6'}

dependencies:

braces: 3.0.2

picomatch: 2.3.1

```
dev: true

/mime-db/1.51.0:
  resolution: {integrity: sha512-5y8A56jg7XVQx2mbv1lu49NR4dokRnhZYTtL+KGfaa27uq4pSTXkwQkFJl4pkRMyNFz/EtYDSkiiEHx3F7UN6g==}
  engines: {node: '>= 0.6'}
  dev: true

/mimic-fn/2.1.0:
  resolution: {integrity: sha512-OqbOk5oEQeAZ8WXWydlu9HJjz9WVdEIvamMCcXmuqUYjTknH/sqsWvhQ3vgwKFRR1HpjvNBKQ37nbJgYzGqGcg==}
  engines: {node: '>=6'}
  dev: true

/mimic-response/1.0.1:
  resolution: {integrity: sha512-j5EctnKH7amfV/q5Hgmoal1g2QHFJRraOtmx0JpIqkxhBhI/IJS11nMpQ45hVarwNETOoWEimndZ4QK0RHxuxQ==}
  engines: {node: '>=4'}
  dev: true

/mimic-response/2.1.0:
  resolution: {integrity: sha512-wXqjST+SLt7R009ySCglWBCFpjUygmCifD790/kVbiGmUgfYGuB14PiTd5DwVxSV4NcYHjzMkoj5LjQZwTQLEA==}
  engines: {node: '>=8'}
  dev: true

/mimic-response/3.1.0:
  resolution: {integrity: sha512-z0yWI+4FDrrweS8Zmt4Ej5HdJmky15+L2e6Wgn3+iK5fWzb6T3fhNFq2+MeTRb064c6Wr4N/wv0DzQTjNzHNGQ==}
  engines: {node: '>=10'}
  dev: true

/min-indent/1.0.1:
  resolution: {integrity: sha512-I9jwMn07Sy/IwOj3zVkVik2JTvgpaykDZEigL6Rx6N9LbMywwUSMtxET+7IVoDLLd3O3IXwJwvuuns8UB/HeAg==}
  engines: {node: '>=4'}
  dev: true

/minimatch/3.0.4:
  resolution: {integrity: sha512-JHVQEhYqPLUTgt9B83PXu6W3rx4MvvHvSUvToogpwoGDOUQ+yDrR0HRot+yOCdCO7u4hX3pWft6kWBBC
```

```
qh0UA==}
dependencies:
  brace-expansion: 1.1.11
dev: true

/minimist/1.2.5:
  resolution: {integrity: sha512-
FM9nNUYrRBAELZQT3xeZQ7fmMOBg6nWNmJKTcgsJeaLstP/UODVpGsr5OhXhhXg6f+qtJ8uiZ+PUxkDWcg
IXLw==}
  dev: true

/mkdirp-classic/0.5.3:
  resolution: {integrity: sha512-
gKLcREMhtuZRwRAfqP3RfW+TK4JqApVBtOIftVgjuABpAtpxhPGaDcfvvhNvD0B8iD1oUr/tX35NjcaY6Ns/A
==}
  dev: true

/mkdirp/0.5.5:
  resolution: {integrity: sha512-
NKmAIESf6jMGym1++R0Ra7wvhV+wFW63FaSOPpwRahvea0gMUcGUhVeAg/0BC0wiv9ih5NYPB1Wn1UEI1
/L+xQ==}
  hasBin: true
  dependencies:
    minimist: 1.2.5
  dev: true

/mri/1.2.0:
  resolution: {integrity: sha512-
tzzskb3bG8LvYGFF/mDTpq3jpl6Q9wc3LEmBaghu+DdCcssd1FakN7Bc0hVNmEyGq1bq3RgfkCb3cmQLpNPOro
A==}
  engines:
    {node: '>=4'}
  dev: true

/ms/2.1.2:
  resolution: {integrity: sha512-
sGkPx+VjMtmA6MX27oA4FBFELFCZZ4S4XqeGOXCv68tT+jb3vk/RyaKWP0PTKyWtmLSM0b+adUTEvbs1P
EaH2w==}
  dev: true

/ms/2.1.3:
  resolution: {integrity: sha512-
6FlzubTLZG3J2a/NVCAleEhjqz5oxgHyaCU9yYXvcLsvoVaHJq/s5xXI6/XXP6tz7R9xAOtHnSO/tXtF3WRTIA==
}
  dev: true

/mute-stream/0.0.8:
  resolution: {integrity: sha512-
```

```
nbnWWokoWyUsTjKrhgD0dcz22mdkSnpYqbEjIm2nhwhuxlSkpywJmBo8h0ZqJdkp73mb90SssHkN4rsRaBAfA
A==}
  dev: true

/nanoid/3.2.0:
  resolution: {integrity: sha512-
fmsZYa9lpn69Ad5eDn7FMcnnSR+8R34W9qJEijxYhTbfOWzr22n1QxCMzXLK+ODyW2973V3Fux959iQoUxzU
IA==}
  engines: {node: ^10 || ^12 || ^13.7 || ^14 || >=15.0.1}
  hasBin: true
  dev: true

/napi-build-utils/1.0.2:
  resolution: {integrity: sha512-
ONmRUqK7zj7DWX0D9ADe03wbwOBZxNAf20PIGfCWQcD3+/MakShIHRMqx9YwPTfxDdF1zLeL+RGZiR9
kGMLdg==}
  dev: true

/nice-try/1.0.5:
  resolution: {integrity: sha512-
1nh45deeb5olNY7eX82BkPO7SSxR5SSYJiPrTdFUVYwA18CKMA5N9PjTYkHiRjisVcxcQ1HXdlhx2qxxJzLN
Q==}
  dev: true

/node-abi/2.30.1:
  resolution: {integrity: sha512-
/2D0wOQPgaUWzVSVgRMx+trKJRC2UG4SUc4oCJoXx9Uxjtp0Vy3/kt7zcbxHF8+Z/pK3UloLWzBISg72brfy1w
==}
  dependencies:
    semver: 5.7.1
  dev: true

/node-addon-api/3.2.1:
  resolution: {integrity: sha512-
mmcei9JghVNDYdghQmeDX8KoAm0FAiYyIcUt/N4nhyAipB17pllZQDOJD2fotxABnt4Mdz+dKTO7eftLg4d0
A==}
  dev: true

/normalize-package-data/2.5.0:
  resolution: {integrity: sha512-
/5CMN3T0R4XTj4DcGaexo+roZSdSFw/0AOOTROrjxzCG1wrWXEsGbrRkevjlIL+ZDE4sZIJr5ED4YW0yqmkK
+eA==}
  dependencies:
    hosted-git-info: 2.8.9
    resolve: 1.22.0
    semver: 5.7.1
    validate-npm-package-license: 3.0.4
  dev: true
```

```
/normalize-path/3.0.0:
  resolution: {integrity: sha512-6eZs5Ls3WtCisHWp9S2GUy8dqkpGi4BVSz3GaqiE6ezub0512ESztXUwUB6C6IKbQkY2Pnb/mD4WYojCRwcvwLA==}
  engines: {node: '>=0.10.0'}
  dev: true
```

```
/normalize-url/2.0.1:
  resolution: {integrity: sha512-D6MUW4K/VzoJ4rJ01JFKxDrtY1v9wrgzCX5f2qj/lzH1m/1W6MhUZFKerVsnyjOhOsYzI9Kqqak+10l4LvLpMw==}
  engines: {node: '>=4'}
  dependencies:
    prepend-http: 2.0.0
    query-string: 5.1.1
    sort-keys: 2.0.0
  dev: true
```

```
/normalize-url/4.5.1:
  resolution: {integrity: sha512-9UZCFRQdNrfTpGg8+1INig93B6zE0aXMFkw1WFwvO4SlZywU6aLg5Of0Ap/PgcbSw4LNxvMwXMeugwMCX0AA==}
  engines: {node: '>=8'}
  dev: true
```

```
/normalize-url/6.1.0:
  resolution: {integrity: sha512-DIL+XwOy3NxAQ8xuCOokPgK46iuVNAK01YN7RueYBqqFeGsBjV9XmCAzAdgt+667bCl5kPh9EqKKDwnaPGII7A==}
  engines: {node: '>=10'}
  dev: true
```

```
/npm-conf/1.1.3:
  resolution: {integrity: sha512-Yic4bZHI0t9RCFbRP3GgpqhScOY4HH3V2P8yBj6CeYq118Qr+BLXqT2JvpJ00mryLESpgOxf5XIFv4ZjXxLScw==}
  engines: {node: '>=4'}
  dependencies:
    config-chain: 1.1.13
    pify: 3.0.0
  dev: true
```

```
/npm-run-path/2.0.2:
  resolution: {integrity: sha1-NakjlLfo1lwZ7TLLd8jV7GHFTbF8=}
  engines: {node: '>=4'}
  dependencies:
    path-key: 2.0.1
```

```
dev: true

/npmlog/4.1.2:
  resolution: {integrity: sha512-2uUqazuKITaSI/dC8AzicUck7+IrEaOnN/e0jd3Xtt1KcGpwx30v50mL7oPyr/h9bL3E4aZccVwpwP+5W9Vjkg==}
  dependencies:
    are-we-there-yet: 1.1.7
    console-control-strings: 1.1.0
    gauge: 2.7.4
    set-blocking: 2.0.0
  dev: true

/number-is-nan/1.0.1:
  resolution: {integrity: sha1-CXtgK1NCKllsGvuHkDGDNPQaAR0=}
  engines: {node: '>=0.10.0'}
  dev: true

/object-assign/4.1.1:
  resolution: {integrity: sha1-IQmtx5ZYh8/AXLvUQsrIv7s2CGM=}
  engines: {node: '>=0.10.0'}
  dev: true

/object-keys/1.1.1:
  resolution: {integrity: sha512-NuAESUOUMrlIXOfHKzD6bpPu3tYt3xvJNdRIQ+FeT0lNb4K8WR70CaDxhuNguS2XG+GjkyMwOzsN5ZktImf hLA==}
  engines: {node: '>= 0.4'}
  dev: true

/once/1.4.0:
  resolution: {integrity: sha1-WDsap3WWHUsROsF9nFC6753Xa9E=}
  dependencies:
    wrappy: 1.0.2
  dev: true

/onetime/5.1.2:
  resolution: {integrity: sha512-kbpaSSGJTWdAY5KPVeMOKXSRPtr8C8C7wodJbcsd51jRnmD+GZu8Y0VoU6Dm5Z4vWr0Ig/1NKuWRKf7j5aa YSg==}
  engines: {node: '>=6'}
  dependencies:
    mimic-fn: 2.1.0
  dev: true

/optipng-bin/7.0.1:
  resolution: {integrity: sha512-W99mpdW7Nt2PpFiaO+74pkht7KEqkXkeRomdWXfEz3SALZ6hns81y/pm1dsGZ6ItUIfchiNIP6ORDr1zETU1jA ==}
```

```
engines: {node: '>=10'}
hasBin: true
requiresBuild: true
dependencies:
  bin-build: 3.0.0
  bin-wrapper: 4.1.0
dev: true
```

/ora/5.4.1:

```
resolution: {integrity: sha512-5b6Y85tPxZZ7QytO+BQzysW31HJku27cRIIkbaXaNX+BdcVi+LIRFmVXzeF6a7JCwJpyw5c4b+YSVImQIrBpuQ==}
```

```
engines: {node: '>=10'}
dependencies:
  bl: 4.1.0
  chalk: 4.1.2
  cli-cursor: 3.1.0
  cli-spinners: 2.6.1
  is-interactive: 1.0.0
  is-unicode-supported: 0.1.0
  log-symbols: 4.1.0
  strip-ansi: 6.0.1
  wcwidth: 1.0.1
dev: true
```

/os-filter-obj/2.0.0:

```
resolution: {integrity: sha512-uksVLsqG3pVdzzPvmAHPBK0wKxYItuzZr7SzrusRPoz67tGV8rL1szZ6IdeUrbqLjGDwApBtN29eEE3IqGHOjg==}
```

```
engines: {node: '>=4'}
```

```
dependencies:
```

```
  arch: 2.2.0
```

```
dev: true
```

/os-tmpdir/1.0.2:

```
resolution: {integrity: sha1-u+Z0BseaqFxc/sdm/lc0VV36EnQ=}
```

```
engines: {node: '>=0.10.0'}
```

```
dev: true
```

/p-cancelable/0.3.0:

```
resolution: {integrity: sha512-
```

```
RVbZPLso8+jFeq1MfNvgXtCREd2raz/dKpacfTNxss6pLEpEomM7gah6VeHSYV3+vo0OAi4MkArtQcWWXuQoyw==}
```

```
engines: {node: '>=4'}
```

```
dev: true
```

/p-cancelable/0.4.1:

```
  resolution: {integrity: sha512-
HNalA8LvB1kie7cERyy21VNeHb2CWJJYqyyC2o3klWFfMGI FmWv2Z7sFgZH8ZiaYL95ydToKTFVXgMV/Os
0bBQ==}
  engines: {node: '>=4'}
  dev: true

/p-cancelable/1.1.0:
  resolution: {integrity: sha512-
s73XxOZ4zpt1edZYZzzvhqFa6uvQc1vwUa0K0BdtIZgQMAJj9IbebH+JkgKZc9h+B05PKHLOTl4ajG1BmNrVZlw
==}
  engines: {node: '>=6'}
  dev: true

/p-cancelable/2.1.1:
  resolution: {integrity: sha512-
BZOr3nRQHontUjTrH8+Lh54smKHoHyr8We1V8DSMVrl5A2malOOwuJRnKRDjSnkoeBh4at6BwEnb5I7Jl31
wg==}
  engines: {node: '>=8'}
  dev: true

/p-event/1.3.0:
  resolution: {integrity: sha1-jmtPT2XHK8W2/ii3XtqHT5akoIU=}
  engines: {node: '>=4'}
  dependencies:
    p-timeout: 1.2.1
  dev: true

/p-event/2.3.1:
  resolution: {integrity: sha512-
NQCqOFhbpVTMX4qMe8PF8lbGtzZ+LCiN7pcNrb/413Na7+TRoe1xkKUZuWa/YEJdGQ0FvKtj35EEbDoVPO2k
bA==}
  engines: {node: '>=6'}
  dependencies:
    p-timeout: 2.0.1
  dev: true

/p-finally/1.0.0:
  resolution: {integrity: sha1-P7z7FbiZpEEjs0ttzBi3JDNqLK4=}
  engines: {node: '>=4'}
  dev: true

/p-is-promise/1.1.0:
  resolution: {integrity: sha1-nJRWmJ6fZYgBewQ01WCXZ1w9oF4=}
  engines: {node: '>=4'}
  dev: true

/p-map-series/1.0.0:
  resolution: {integrity: sha1-v5j+V1cFZYqeE1G++4WuTB8Hvco=}
```

engines: {node: '>=4'}

dependencies:

p-reduce: 1.0.0

dev: true

/p-pipe/4.0.0:

resolution: {integrity: sha512-

HkPfFklpZQPUKBFXzKFB6ihLriIHxnmuQdK9WmLDwe4hf2PdhhfWT/FJa+pc3bA1ywvKXtedxIRmd4Y7BTXE4w==}

engines: {node: '>=12'}

dev: true

/p-reduce/1.0.0:

resolution: {integrity: sha1-GMKw3ZNqRpClKfgjH1ig/bakffo=}

engines: {node: '>=4'}

dev: true

/p-timeout/1.2.1:

resolution: {integrity: sha1-XrOzU7f86Z8QGhA4iAuwVOu+o4Y=}

engines: {node: '>=4'}

dependencies:

p-finally: 1.0.0

dev: true

/p-timeout/2.0.1:

resolution: {integrity: sha512-

88em58dDVB/KzPEx1X0N3LwFfYZPyDc4B6eF38M1rk9VTZMbxXXgjugz8mmwpS9Ox4BDZ+t6t3QP5+/gazweIA==}

engines: {node: '>=4'}

dependencies:

p-finally: 1.0.0

dev: true

/p-try/2.2.0:

resolution: {integrity: sha512-

R4nPAVTAU0B9D35/Gk3uJf/7XYbQcyohSKdvAxIRSNghFl4e71hVoGnBNQz9cWaXxO2I10KTC+3jMdvvoKw6dQ==}

engines: {node: '>=6'}

dev: true

/package-json/6.5.0:

resolution: {integrity: sha512-

k3bdm2n25tkyxcjSKzB5x8kfVxIMdgsbPr0GkZcwHsLpba6cBjqCt1KlcChKEvxHicTB1FVMuwoijZ26xex5MQ==}

engines: {node: '>=8'}

dependencies:

got: 9.6.0

registry-auth-token: 4.2.1

registry-url: 5.1.0

semver: 6.3.0

dev: true

/parent-module/1.0.1:

resolution: {integrity: sha512-

GQ2EWRpQV8/o+Aw8YqtfZZPfNRWZYkbidE9k5rpl/hC3vtHHBfGm2Ifi6qWV+coDGkrUKZAxE3Lot5kcsRlh+g==}

engines: {node: '>=6'}

dependencies:

callsites: 3.1.0

dev: true

/parse-json/2.2.0:

resolution: {integrity: sha1-9ID0BDTVgHQfhGkJn43qGPVaTck=}

engines: {node: '>=0.10.0'}

dependencies:

error-ex: 1.3.2

dev: true

/path-exists/2.1.0:

resolution: {integrity: sha1-D+tsZPD8UY2adU3V77YscCJ2H0s=}

engines: {node: '>=0.10.0'}

dependencies:

pinkie-promise: 2.0.1

dev: true

/path-is-absolute/1.0.1:

resolution: {integrity: sha1-F0uSaHNVNP+8es5r9TpanhtcX18=}

engines: {node: '>=0.10.0'}

dev: true

/path-key/2.0.1:

resolution: {integrity: sha1-QRyttXTFoUDTpLGRDUDYDMn0C0A=}

engines: {node: '>=4'}

dev: true

/path-key/3.1.1:

resolution: {integrity: sha512-

ojmeN0qd+y0jszEtoY48r0Peq5dwMEkIICOu6Q5f41lfkswXuKtYrhgoTpLnyIcHm24Uhqx+5Tqm2InSwLhE6Q==}

engines: {node: '>=8'}

dev: true

/path-parse/1.0.7:

resolution:

{integrity: sha512-

LDJzPVEEEEPR+y48z93A0Ed0yXb8pABYGW0/k5YYdYgpY2/2EsOsksJrq71OHxryrVOn1ejG6oAp8ahvOIQD8s

```

w==}
  dev: true

/path-type/1.1.0:
  resolution: {integrity: sha1-WcRPfuSR2nBNpBXaWkBwuk+P5EE=}
  engines: {node: '>=0.10.0'}
  dependencies:
    graceful-fs: 4.2.9
    pify: 2.3.0
    pinkie-promise: 2.0.1
  dev: true

/path-type/4.0.0:
  resolution: {integrity: sha512-
gDKb8aZMDeD/tZWs9P6+q0J9Mwkd16xMV8TjnGP3qJVJ06bdMgkbBILU8IdfOsIsFz2BW1rNVT3XuNEl8zPAv
w==}
  engines: {node: '>=8'}
  dev: true

/peek-readable/4.0.2:
  resolution: {integrity: sha512-
9fMaz6zoxw9ypO1KZy5RDJgSupEtu0Q+g/OqqsvHX3rKGR8qehRLYzsFARZ4bVvdvfkKiXvuDbkMnO1g6cR
pQ==}
  engines: {node: '>=8'}
  dev: true

/pend/1.2.0:
  resolution: {integrity: sha1-elFrVQpng/kRUzH89GY9XI4AelA=}
  dev: true

/picocolors/1.0.0:
  resolution: {integrity: sha512-
1fygroTLiHu66zi26VoTDv8yRgm0Fcccssto+MhsZ0D/DGW2sm8E8AjW7NU5VVTRt5GxbeZ5qBuJr+HyLYkjQ
==}
  dev: true

/picomatch/2.3.1:
  resolution: {integrity: sha512-
JU3teHTNjmE2VCGFzuY8EXzCDVwEqB2a8fsIvwaStHhAWJEeVd1o1QD80CU6+ZdEXXSLbSsuLwJjkCBWq
RQUVA==}
  engines: {node: '>=8.6'}
  dev: true

/pify/2.3.0:
  resolution: {integrity: sha1-7RQaasBDqEnqWISY59yosVMw6Qw=}
  engines: {node: '>=0.10.0'}
  dev: true

```

/pify/3.0.0:

resolution: {integrity: sha1-5aSs0sEB/fPZpNB/DbxNtJ3SgXY=}

engines: {node: '>=4'}

dev: true

/pify/4.0.1:

resolution: {integrity: sha512-

uB80kBFb/tfd68bVleG9T5GGsGPjJrLAUpR5PZIrHbnIaRTQRjqdJSsIKkOP6OAI Fbj7GOrcudc5pNjZ+geV2g==}

engines: {node: '>=6'}

dev: true

/pinkie-promise/2.0.1:

resolution: {integrity: sha1-ITXW36jWMBprJsXh3YogihFD/o=}

engines: {node: '>=0.10.0'}

dependencies:

pinkie: 2.0.4

dev: true

/pinkie/2.0.4:

resolution: {integrity: sha1-clVrgM+g1IqXTToDnckjoDtT3+HA=}

engines: {node: '>=0.10.0'}

dev: true

/png2icons/2.0.1:

resolution: {integrity: sha512-

GDEQJr8OG4e6JMp7mABtXFSEpgJa1CCpbQiAR+EjkhHJHnUL9zPPtbOrjsMD8gUbikgv3j7x404b0YJsV3aVFA==}

hasBin: true

dev: true

/postcss/8.4.5:

resolution: {integrity: sha512-

jBDboWM8qpaqwkMwItqTQTiFikhs/67OYVvblFFTM7MrZjt6yMKd6r2kgXizEbTTljacm4NldIIZnhbjr84QYg==}

engines: {node: '^10 || ^12 || >=14'}

dependencies:

nanoid: 3.2.0

picocolors: 1.0.0

source-map-js: 1.0.2

dev: true

/prebuild-install/6.1.4:

resolution: {integrity: sha512-

Z4vpywnK11Bg+zdPCVCsKq0xO66eEV9rWo2zrROGGiRS4JtueBOdlB1FnY8lcy7JsUud/Q3ijUxyWN26Ika0vQ=}

engines: {node: '>=6'}

hasBin: true

dependencies:

detect-libc: 1.0.3
expand-template: 2.0.3
github-from-package: 0.0.0
minimist: 1.2.5
mkdirp-classic: 0.5.3
napi-build-utils: 1.0.2
node-abi: 2.30.1
npmlog: 4.1.2
pump: 3.0.0
rc: 1.2.8
simple-get: 3.1.0
tar-fs: 2.1.1
tunnel-agent: 0.6.0
dev: true

/prepend-http/1.0.4:
resolution: {integrity: sha1-1PRWKwzjaW5BrFLQ4ALlemNdxtw=}
engines:
{node: '>=0.10.0'}
dev: true

/prepend-http/2.0.0:
resolution: {integrity: sha1-6SQ0v6XqjBn0HN/UAddBo8gZ2Jc=}
engines: {node: '>=4'}
dev: true

/process-nextick-args/2.0.1:
resolution: {integrity: sha512-3ouUOpQhtgrbOa17J7+uxOTpITYWaGP7/AhoR3+A+/1e9skrzelGi/dXzEYyvbxubEF6Wn2ypscTKiKJFFn1ag==}
dev: true

/proto-list/1.2.4:
resolution: {integrity: sha1-IS1b/hMYMGpCD2QCuOJv85ZHqEk=}
dev: true

/pseudomap/1.0.2:
resolution: {integrity: sha1-8FKijacOYYkX7wqKw0wa5aaChrM=}
dev: true

/pump/3.0.0:
resolution: {integrity: sha512-LwZy+p3SFs1Pytd/jYct4wpv49HiYcQd9Rlc5ZVdk0V+8Yzv6jR5Blk3TRmPL1ft69TxP0IMZGJ+WPFU2BFhww==}
dependencies:
end-of-stream: 1.4.4
once: 1.4.0
dev: true

```
/pupa/2.1.1:
  resolution: {integrity: sha512-
11jNAspIBSFqbT+y+5FosojNpVpF94nII+wDUpqP9enwOTfHx9f0gh5nB96v1+6yTpsJsypeNrwfzPrKuHB41A==}
  engines: {node: '>=8'}
  dependencies:
    escape-goat: 2.1.1
  dev: true

/query-string/5.1.1:

  resolution: {integrity: sha512-
gJWOsm2SoGlgLEdAGt7a6slVOK9mGiXmPFMqrEhLQ68rhQuBnpfs3+EmlvqKyxncCo9/PPf+9MtY02S1aFg+Jw
==}
  engines: {node: '>=0.10.0'}
  dependencies:
    decode-uri-component: 0.2.0
    object-assign: 4.1.1
    strict-uri-encode: 1.1.0
  dev: true

/queue-microtask/1.2.3:
  resolution: {integrity: sha512-
NuaNSa6f1KT5JaSYQzJok04JzTL1CA6aGhv5rflW3PgqA+M2ChpZQnAC8h8i4ZFkBS8X5RqkDBHA7r4hej3K9
A==}
  dev: true

/quick-lru/5.1.1:
  resolution: {integrity: sha512-
WuyALRjWPDGtt/wzJiadO5AXY+8hZ80hVpe6MyivgraREW751X3SbhRvG3eLKOYN+8VEvqLcf3wdnt44Z4S4
SA==}
  engines: {node: '>=10'}
  dev: true

/rc/1.2.8:
  resolution: {integrity: sha512-
y3bGgqKj3QBdxLbLkomlohkvsA8gdAiUQISBJnBhfn+BPxg4bc62d8TcBW15wavDfgexCgcccckhcZvywyQYPOw
==}
  hasBin: true
  dependencies:
    deep-extend: 0.6.0
    ini: 1.3.8
    minimist: 1.2.5
    strip-json-comments: 2.0.1
  dev: true

/read-chunk/3.2.0:
  resolution: {integrity: sha512-
CEjy9LCzhmD7nUpJ1oVOE6s/hBkejlCJEgLQHVnQznOSilOPb+kpKktLlFfDK3/WP43+F80xkUTM2VOKYoSYv
```

```

Q==}
  engines: {node: '>=6'}
  dependencies:
    pify: 4.0.1
    with-open-file: 0.1.7
  dev: true

/read-pkg-up/1.0.1:
  resolution: {integrity: sha1-nWPBMnbAZZGNV/ACpX9AobZD+wI=}
  engines: {node: '>=0.10.0'}
  dependencies:
    find-up: 1.1.2
    read-pkg: 1.1.0
  dev: true

/read-pkg/1.1.0:
  resolution: {integrity: sha1-9f+qXs0pyzHAR0vKfXVra7KePyg=}
  engines: {node: '>=0.10.0'}
  dependencies:
    load-json-file: 1.1.0
    normalize-package-data: 2.5.0
    path-type: 1.1.0
  dev: true

/readable-stream/2.3.7:
  resolution: {integrity: sha512-Ebho8K4jIbHAXnuxi7o42OrZgF/ZTNcsZj6nRKYUmkhLFq8CHItp/fy6hQZuZmP/n3yZ9VBUp4zz/mX8hmYPw=}
  dependencies:
    core-util-is: 1.0.3
    inherits: 2.0.4
    isarray: 1.0.0
    process-nextick-args: 2.0.1
    safe-buffer: 5.1.2
    string_decoder: 1.1.1
    util-deprecate: 1.0.2
  dev: true

/readable-stream/3.6.0:
  resolution:
  {integrity: sha512-BViHy7LKeTz4oNnkcLJ+IVSL6vpiFeX6/d3oSH8zCW7UxP2onchk+vTGB143xuFjHS3deTgkKoXXymXqymiId}
  engines: {node: '>= 6'}
  dependencies:
    inherits: 2.0.4
    string_decoder: 1.3.0
    util-deprecate: 1.0.2

```

dev: true

/readable-web-to-node-stream/3.0.2:

```
resolution: {integrity: sha512-
ePeK6cc1EcKLEhJfT/AebMCLL+GgSKhuygrZ/GLaKZYEecIgIECf4UaUuaByiGtzckwR4ain9VzUh95T1exYGw
==}
engines: {node: '>=8'}
dependencies:
  readable-stream: 3.6.0
dev: true
```

/readdirp/3.6.0:

```
resolution: {integrity: sha512-
hOS089on8RduqdbhvQ5Z37A0ESjsqz6qnRcffsMU3495FuTdqSm+7bhJ29JvIOsBDEEnan5DPu9t3To9VRIMzA=
=}
engines: {node: '>=8.10.0'}
dependencies:
  picomatch: 2.3.1
dev: true
```

/redent/1.0.0:

```
resolution: {integrity: sha1-z5Fqsf1fHxbfsggi3W7H9zDCr94=}
engines: {node: '>=0.10.0'}
dependencies:
  indent-string: 2.1.0
  strip-indent: 1.0.1
dev: true
```

/registry-auth-token/4.2.1:

```
resolution: {integrity: sha512-
6gkSb4U6aWJB4SF2ZvLb76yCBjcvufXBqvEx1HbmKPkutswjW1xNVRy0+daljIYRbogN7O0etYSIbiaEQyMy
w==}
engines: {node: '>=6.0.0'}
dependencies:
  rc: 1.2.8
dev: true
```

/registry-url/5.1.0:

```
resolution: {integrity: sha512-
8acYXXTI0AkQv6RAOjE3vOaIXZkT9wo4LOfbBKYQEEnnMNBpKqdUrf6S4NT0KPIo/WVvJ5tE/X5LF/TQUf
0ekw==}
engines: {node: '>=8'}
dependencies:
  rc: 1.2.8
dev: true
```

/repeating/2.0.1:

```
resolution: {integrity: sha1-UhTFOPjTnVJwdSf7q0FdVajQbdo=}
```

engines: {node: '>=0.10.0'}

dependencies:

is-finite: 1.1.0

dev: true

/replace-ext/2.0.0:

resolution: {integrity: sha512-

UuszKE5KVK6JvyD92nzMn9cDapSk6w/CaFZ96CnmDMUqH9oowfxF/ZjRITD25H4DnOQCILA4/j7jLGXXLVKxAug==}

engines: {node: '>= 10'}

dev: true

/resolve-alpn/1.2.1:

resolution: {integrity: sha512-

0a1F4173/ZFZOakJnQ3FvkJ2+gSTQWz/r2KE5OdDY0TxPm5h4GkqkWWfM47T7HsbnOtcJVEF4epCVy6u7Q3K+g==}

dev: true

/resolve-from/4.0.0:

resolution: {integrity: sha512-

pb/MYmXstAkysRFx8piNI1tGFNQIFA3vkE3Gq4EuA1dF6gHp/+vgZqsCGJapvy8N3Q+4o7FwvquPJcnZ7RYy4g==}

engines: {node: '>=4'}

dev: true

/resolve/1.22.0:

resolution: {integrity: sha512-

Hhtrw0nLeSrFQ7phPp4OOcVjLPIeMnRlr5mcnVuMe7M/7eBn98A3hmFRLofFo3DLZkivSYwhRUJTyPyWak56WLw==}

hasBin: true

dependencies:

is-core-module: 2.8.1

path-parse: 1.0.7

supports-preserve-symlinks-flag: 1.0.0

dev: true

/responselike/1.0.2:

resolution: {integrity: sha1-kYcg7ztjHFZCvgaPFa3lpG9Loec=}

dependencies:

lowercase-keys: 1.0.1

dev: true

/responselike/2.0.0:

resolution: {integrity: sha512-

xH48u3FTB9VsZw7R+vvgaKeLKzT6jOogbQhEe/jewwnZgzPcnyWui2Av6JpoYZF/91ueC+lqhWqeURw5/qhCw==}

dependencies:

lowercase-keys: 2.0.0

dev: true

/restore-cursor/3.1.0:

resolution: {integrity: sha512-

l+sSefzHpj5qimhFSE5a8nufZYAM3sBSVMApTYkmC+4EH2anSGaEMXSD0izRQbu9nfyQ9y5JrVmp7E8oZrUjv
A==}

engines: {node: '>=8'}

dependencies:

onetime: 5.1.2

signal-exit: 3.0.6

dev: true

/reusify/1.0.4:

resolution: {integrity: sha512-

U9nH88a3fc/ekCF110/UP1IosiuIjyTh7hBvXVMHYgVcfGvt897Xguj2UOLDeI5BG2m7/uwyaLVT6ftCwTyzw==
}

engines: {iojs: '>=1.0.0', node: '>=0.10.0'}

dev: true

/rimraf/2.7.1:

resolution: {integrity: sha512-

uWjbaKIK3T1OSVptzX7Nl6PvQ3qAGtKEtVRjRuazjL3Bx5eI409VZSgqND+4UNnmzLVdPj9FqFJNPqBZFve4
w==}

hasBin: true

dependencies:

glob: 7.2.0

dev: true

/roarr/2.15.4:

resolution: {integrity: sha512-

CHhPh+UNHD2GTXNYhPWLnU8ONHdI+5DI+4EYIAOaiD63rHeYIZvyh8P+in5999TTSFgUYuKUAjzRI4mdh/
p+2A==}

engines: {node: '>=8.0'}

dependencies:

boolean: 3.1.4

detect-node: 2.1.0

globalthis: 1.0.2

json-stringify-safe: 5.0.1

semver-compare: 1.0.0

sprintf-js: 1.1.2

dev: true

/rollup/2.66.1:

resolution: {integrity: sha512-

crSgLhSkLMnKr4s9iZ/1qJCplgAgrRY+igWv8KhG/AjKOJ0YX/WpmANyn8oxrw+zenF3BXWDLA7Xl/QZISH+7
w==}

engines: {node: '>=10.0.0'}

hasBin: true

optionalDependencies:

fsevents: 2.3.2

dev: true

/run-async/2.4.1:

resolution: {integrity: sha512-

tvVnVv01b8c1RrA6Ep7JkStj85Guv/YrMcwqYQnwjsAS2cTmmPGBBjAjpCW7RrSodNSoE2/qg9O4bceNvUuDg
Q==}

engines: {node: '>=0.12.0'}

dev: true

/run-parallel/1.2.0:

resolution: {integrity: sha512-

514VyZR86LZ/IDxZTR6jqL8AFE2S0IFLMP26AbjsLVADxHdhB/c0GUsH+y39UfCi3dzz8OIQuPmnaJOMoDHQ
BA==}

dependencies:

queue-microtask: 1.2.3

dev: true

/rxjs/7.5.2:

resolution: {integrity: sha512-

PwDt186XaL3QN5qXj/H9DGyHhP3/RYYgZZwqBv9Tv8rsAaiwFH1IsJJlcgD37J7UW5a6O67qX0KWKS3/pu0m
4w==}

dependencies:

tslib: 2.3.1

dev: true

/sade/1.8.1:

resolution: {integrity: sha512-

xal3CZX1Xlo/k4ApwCFrHVACi9fBqJ7V+mwhBsuF/1IOKbBy098Fex+Wa/5QMubw09pSZ/u8EY8PWgevJsXp1
A==}

engines: {node: '>=6'}

dependencies:

mri: 1.2.0

dev: true

/safe-buffer/5.1.2:

resolution: {integrity: sha512-

Gd2UZBJDkXlY7GbJxfsE8/nvKkUEU1G38c1siN6QP6a9PT9MmHB8GnpScSmMJSofF8LOIrt8ud/wPtojys4G6+g
==}

dev: true

/safe-buffer/5.2.1:

resolution: {integrity: sha512-

rp3So07KcdmmKbGvgaNxQJsr7bGVSVk5S9Eq1F+ppbRo70+YeaDxkw5Dd8NPN+GD6bjnYm2VuPuCXmpuYv
mCXQ==}

dev: true

```

/safer-buffer/2.1.2:
  resolution: {integrity: sha512-
YZo3K82SD7Riyi0E1EQPojLz7kpepnSQI9IyPbHHg1XXXevb5dJI7tpyN2ADxGcQbHGG7vcyRHHk0cbwqcQriUtg=
=}
  dev: true

/sander/0.5.1:
  resolution: {integrity: sha1-dB4kXiMfB8r7b98PEzrfohalAq0=}
  dependencies:
    es6-promise: 3.3.1
    graceful-fs: 4.2.9
    mkdirp: 0.5.5
    rimraf: 2.7.1
  dev: true

/seek-bzip/1.0.6:
  resolution: {integrity: sha512-
e1QtP3YL5tWww8uKaOCQ18UxIT2laNBXHjV/S2WYCiK4udiv8lkG89KRIoCjUagnAmCBurjF4zEVX2ByBbnC
jQ==}
  hasBin: true
  dependencies:
    commander: 2.20.3
  dev: true

/semver-compare/1.0.0:
  resolution: {integrity: sha1-De4hahyUGrN+nvsXiPavxf9VN/w=}
  dev: true

/semver-diff/3.1.1:
  resolution: {integrity: sha512-
GX0Ix/CJcHyB8c4ykpHGIAvLyOwOobtM/8d+TQkAd81/bEjgPHrfba41Vpesr7jX/t8Uh+R3EX9eAS5be+jQYg==
}
  engines: {node: '>=8'}
  dependencies:
    semver: 6.3.0
  dev: true

/semver-regex/2.0.0:
  resolution: {integrity: sha512-
mUdIBBvdn0PLOeP3TEkMH7HHeUP3GjsXCwKarjv/kGmUFOYg1VqEemKhoQpWMu6X2I8kHeuVdGibLGkV
K+/5Qw==}
  engines: {node: '>=6'}
  dev: true

/semver-truncate/1.1.2:
  resolution: {integrity: sha1-V/Qd5pcHpicJp+AQS6IRcQnqR+g=}
  engines: {node: '>=0.10.0'}
  dependencies:

```

```
  semver: 5.7.1
  dev: true

/semver/5.7.1:
  resolution: {integrity: sha512-
suaaDf/PZdVgrLTNYHRtpXa1iRiKcaebiKQ1BJdpQIWH21CvexQdX55snPFyK7QzpuDqbCI0qXFfOasHdyNDGQ
==}
  hasBin: true
  dev: true

/semver/6.3.0:
  resolution: {integrity: sha512-
b39TBaTSfV6yBrapU89p5fKekE2m/NwnDocOVruQFS1/veMgdzuPcnOM34M6CwxW8jH/lxEa5rBoDeUwu5HH
Tw==}
  hasBin: true
  dev: true

/semver/7.3.5:
  resolution: {integrity: sha512-
PoeGJYh8HK4BTO/a9Tf6ZG3veo/A7ZVsYrSA6J8ny9nb3B1Vrpkun+z9OE5wfE5p6H4LchYZsegiQgbJD94ZfQ
==}
  engines: {node: '>=10'}
  hasBin: true
  dependencies:
    lru-cache: 6.0.0
  dev: true

/serialize-error/7.0.1:
  resolution: {integrity: sha512-
8I8TjW5KMOKsZQTvoxjuSIA7foAwPWGOts+6o7sgjz41/qMD9VQHEDxi6PBvK2l0MXUmqZyNpUK+T2tQaaE
lvw==}
  engines: {node: '>=10'}
  dependencies:
    type-fest: 0.13.1
  dev: true

/set-blocking/2.0.0:
  resolution: {integrity: sha1-BF+XgtARrppoA93TgrJDkrPYkPc=}
  dev: true

/sharp/0.28.3:
  resolution: {integrity: sha512-
21GEP45Rmr7q2qcmdnjDkNP04Ooh5v0laGS5FDpojOO84D1DJwUijLiSq8XNNM6e8aGXYtoYRh3sVNdm8Nod
MA==}
  engines: {node: '>=10'}
  requiresBuild: true
  dependencies:
    color: 3.2.1
```

detect-libc: 1.0.3
node-addon-api: 3.2.1
prebuild-install: 6.1.4
semver: 7.3.5
simple-get: 3.1.0
tar-fs: 2.1.1
tunnel-agent: 0.6.0
dev: true

/shebang-command/1.2.0:
resolution: {integrity: sha1-RKrGW2lbAzmJaMOfNj/uXer98eo=}
engines: {node: '>=0.10.0'}
dependencies:
shebang-regex: 1.0.0
dev: true

/shebang-command/2.0.0:
resolution: {integrity: sha512-kHxr2zZpYtdmrN1qDjrrX/Z1rR1kG8Dx+gkpK1G4eXmvXswmcE1hTWBwYUzIraYw1/yZp6YuDY77YtvbN0dmDA==}
engines: {node: '>=8'}
dependencies:
shebang-regex: 3.0.0
dev: true

/shebang-regex/1.0.0:
resolution: {integrity: sha1-2kL0l0DAAtC2yypcoVxyxkMmO/qM=}
engines: {node: '>=0.10.0'}
dev: true

/shebang-regex/3.0.0:
resolution: {integrity: sha512-7++dFhtcx3353uBaq8DDR4NuxBetBzC7ZQOhmTQInHEd6bSrXdiEyzCvG07Z44UYdLShWUyXt5M/yhz8ekcb1A==}
engines: {node: '>=8'}
dev: true

/signal-exit/3.0.6:
resolution: {integrity: sha512-sDl4qMFpijcgW22U5w63KMD3cZJfBuFIVNbVMKje2keoKML7X2UzWbc4XrmEbdWg0NXJc3yv4/ox7b+JWb57kQ==}
dev: true

/simple-concat/1.0.1:
resolution: {integrity: sha512-cSFtAPtRhIjv69IK0hTVZQ+OfE9nePi/rtJmw5UjHeVyVroEqJXP1sFztKUy1qU+xvz3u/sfYJLa947b7nAN2Q==}
dev: true

```
/simple-get/3.1.0:  
  resolution: {integrity: sha512-  
bCR6cP+aTdScaQCnQKbPKtJOKDp/hj9EDLJo3Nw4y1QksqaovlW/bnptB6/c1e+qmNIDHRK+oXFDdEqBT8Wz  
UA==}  
  dependencies:  
    decompress-response: 4.2.1  
    once: 1.4.0  
    simple-concat: 1.0.1  
  dev: true
```

```
/simple-swizzle/0.2.2:  
  resolution: {integrity: sha1-pNprY1/8zMoz9w0Xy5JZLeleVXo=}  
  dependencies:  
    is-arrayish: 0.3.2  
  dev: true
```

```
/slash/3.0.0:  
  resolution: {integrity: sha512-  
g9Q1haeby36OSStwb4ntCGGgAKsaVSjQ68fBxoQcutl5fS1vuY18H3wSt3jFyFtrkx+Kz0V1G85A4MyAdDMi2Q=  
=}  
  engines: {node: '>=8'}  
  dev: true
```

```
/slash/4.0.0:  
  resolution: {integrity: sha512-  
3dOsAHXXUkQTpOYcoAxLIorMTp4gIQR5IW3iVb7A7lFIp0VHhynnm9izx6TssdrIcVIESAIVjtnO2K8bg+Coew  
==}  
  engines: {node: '>=12'}  
  dev: true
```

```
/sorcery/0.10.0:  
  resolution: {integrity: sha1-iukK19fLBfxZ8asMY3hF1cFaUrc=}  
  hasBin: true  
  dependencies:  
    buffer-crc32: 0.2.13  
    minimist: 1.2.5  
    sander: 0.5.1  
    sourcemap-codec: 1.4.8  
  dev: true
```

```
/sort-keys-length/1.0.1:  
  resolution: {integrity: sha1-nLb09OnkgVWmqgZx7dM2/xR5oYg=}  
  engines: {node: '>=0.10.0'}  
  dependencies:  
    sort-keys: 1.1.2  
  dev: true
```

```
/sort-keys/1.1.2:
```

```
resolution: {integrity: sha1-RBttTTRnmPG05J6JIK37oOVD+a0=}
engines: {node: '>=0.10.0'}
dependencies:
  is-plain-obj: 1.1.0
dev: true
```

```
/sort-keys/2.0.0:
  resolution: {integrity: sha1-ZYU1WEhh7JfXMNbPQYIuH1ZoQSg=}
  engines: {node: '>=4'}
  dependencies:
    is-plain-obj: 1.1.0
  dev: true
```

```
/source-map-js/1.0.2:
  resolution: {integrity: sha512-R0XvVJ9WusLiqTCEiGCmICCMplcCkIwwR11mOSD9CR5u+IXYdiseeEuXCVAjS54zqwkLcPNnmU4OeJ6tUr
  WhDw==}
  engines: {node: '>=0.10.0'}
  dev: true
```

```
/source-map/0.7.3:
  resolution: {integrity: sha512-CkCj6giN3S+n9qrYiBTX5gystlENnRW5jZeNLHpe6aue+SrHcG5VYwujhW9s4dY31mEGsxBDrHR6oI69fTXsaQ
  ==}
  engines: {node: '>= 8'}
  dev: true
```

```
/sourcemap-codec/1.4.8:
  resolution: {integrity: sha512-9NykojV5Uih4lgo5So5dtw+f0JgJX30KCNi8gwhz2J9A15wD0MI6tjHKwf6fTSa6fAdVBdZeNOs9eJ71qCk8vA==
  }
  dev: true
```

```
/spdx-correct/3.1.1:
  resolution: {integrity:
  sha512-
  cOYcUWwhCuHCXi49RhFRCyJEK3iPj1Ziz9DpViV3tbZOwXD49QzIN3MpOLJNhx2qwq2IJJZaKMVw9qNi4jT
  C0w==}
  dependencies:
    spdx-expression-parse: 3.0.1
    spdx-license-ids: 3.0.11
  dev: true
```

```
/spdx-exceptions/2.3.0:
  resolution: {integrity: sha512-
  /tTrYOC7PPI1nUAgx34hUpqXuyJG+DTHJTnIULG4rDygi4xu/tfgmq1e1cIRwRzwZgo4NLYSi+ricLkZkw4i5A==
  }
  dev: true
```

/spdx-expression-parse/3.0.1:
resolution: {integrity: sha512-cbqHunsQWnJNE6KhVSMsMeH5H/L9EpymbzqTQ3uLwNCLZ1Q481oWaofqH7nO6V07xlXwY6PhQdQ2IedWx/ZK4Q==}
dependencies:
 spdx-exceptions: 2.3.0
 spdx-license-ids: 3.0.11
dev: true

/spdx-license-ids/3.0.11:
resolution: {integrity: sha512-Ctl2BrFiM0X3MANYgj3CkygxhRmr9mi6xhejbdO960nF6EDJApTYpn0BQnDKInNBULKiCN1n3w9EBkHK8Z
Wg+g==}
dev: true

/sprintf-js/1.1.2:
resolution: {integrity: sha512-VE0SOVEHCk7Qc8ulkWw3ntAzXuqf7S2lvwQaDLRnUeIEaKNQJzV6BwmLKhOqT61aGhfUMrXeaBk+oDGCz
vhcug==}
dev: true

/squeak/1.3.0:
resolution: {integrity: sha1-MwRQN7ZDiLVnZ0uEMipIIQc5FsM=}
engines: {node: '>=0.10.0'}
dependencies:
 chalk: 1.1.3
 console-stream: 0.1.1
 lpad-align: 1.1.2
dev: true

/strict-uri-encode/1.1.0:
resolution: {integrity: sha1-J5siXfHVgrH1TmWt3UNS4Y+qBxM=}
engines: {node: '>=0.10.0'}
dev: true

/string-width/1.0.2:
resolution: {integrity: sha1-EYvfW4zcUaKn5w0hHgfigLmxB9M=}
engines: {node: '>=0.10.0'}
dependencies:
 code-point-at: 1.1.0
 is-fullwidth-code-point: 1.0.0
 strip-ansi: 3.0.1
dev: true

/string-width/4.2.3:
resolution: {integrity: sha512-wKyQRQpjJ0sIp62ErSZdGsjMJWsap5oRNihHhu6G7JVO/9jIB6UyevL+tXuOqrng8j/cxKTWyuWUwvSTriiZz/g==}

```

}
engines: {node: '>=8'}
dependencies:
  emoji-regex: 8.0.0
  is-fullwidth-code-point: 3.0.0
  strip-ansi: 6.0.1
dev: true

/string_decoder/1.1.1:
  resolution: {integrity: sha512-
n/ShnvDi6FHbbVfviro+WojiFzv+s8MPMHBczVePfUpDJLwoLT0ht114YwBCbi8pJAveEEdnkHyPyTP/mzRfwg=
=}
  dependencies:
    safe-buffer: 5.1.2
  dev: true

/string_decoder/1.3.0:
  resolution: {integrity: sha512-
hkRX8U1WjJFd8LsDJ2yQ/wWWxaopEsABU1XfkM8A+j0+85JAGppt16cr1Whg6KIbb4okU6Mql6BOj+uup/wKe
A==}
  dependencies:
    safe-buffer: 5.2.1
  dev: true

/strip-ansi/3.0.1:
  resolution: {integrity: sha1-ajhfuIU9IS1f8F0Oiq+UJ43GPc8=}
  engines: {node: '>=0.10.0'}
  dependencies:
    ansi-regex: 2.1.1
  dev: true

/strip-ansi/6.0.1:
  resolution: {integrity: sha512-
Y38VPSHCqkFrCpFnQ9vuSxmquuv5oXOKpGeT6aGrr3o3Gc9AIVa6JBfUSOCnbxGGZF+/0ooI7KrPuUSztUdU5
A==}
  engines: {node: '>=8'}
  dependencies:
    ansi-regex: 5.0.1
  dev: true

/strip-bom/2.0.0:
  resolution: {integrity: sha1-YhmoVhZSBJHzV4i9vxRHqZx+aw4=}
  engines: {node: '>=0.10.0'}
  dependencies:
    is-utf8: 0.2.1
  dev: true

```

```
/strip-dirs/2.1.0:
  resolution: {integrity: sha512-
JOCxOeKLM2CAS73y/U4ZeZPTkE+gNVCzKt7Eox84Iej1LT/2pTWYpZKJuxwQpvX1LiZb1xokNR7RLfuBAa7
T3g==}
  dependencies:
    is-natural-number:
4.0.1
  dev: true

/strip-eof/1.0.0:
  resolution: {integrity: sha1-u0P/VZim6wXYm1n80SnJgzE2Br8=}
  engines: {node: '>=0.10.0'}
  dev: true

/strip-indent/1.0.1:
  resolution: {integrity: sha1-DHlipq3vp7vUrDZkYKY4VSrhoKI=}
  engines: {node: '>=0.10.0'}
  hasBin: true
  dependencies:
    get-stdin: 4.0.1
  dev: true

/strip-indent/3.0.0:
  resolution: {integrity: sha512-
laJTa3Jb+VQpaC6DseHhF7dXVqHTfJPCRDaeEbid/drOhgitgYku/letMUqOXFoWV0zIIUbjpdH2t+tYj4bQMRQ==
}
  engines: {node: '>=8'}
  dependencies:
    min-indent: 1.0.1
  dev: true

/strip-json-comments/2.0.1:
  resolution: {integrity: sha1-PFMZQukIwml8DsNEhYwobHygpgo=}
  engines: {node: '>=0.10.0'}
  dev: true

/strip-outer/1.0.1:
  resolution: {integrity: sha512-
k55yxKHwaXnpYGsOzg4Vl8+tDrWylxDEpknGjhTiZB8dFRU5rTo9CAzeycivxV3s+zITKwrs6WxMxR95n26kww
==}
  engines: {node: '>=0.10.0'}
  dependencies:
    escape-string-regexp: 1.0.5
  dev: true

/strtok3/6.2.4:
  resolution: {integrity:
```

```

sha512-
GO8IcFF9GmFDvqduIspUBwCzCbqzegyVKIsSymcMgiZKeCfrN9SowtUoi8+b59WZMAjLzVZic/Ft97+pynR3Iw
==}
  engines: { node: '>=10' }
  dependencies:
    '@tokenizer/token': 0.3.0
    peek-readable: 4.0.2
  dev: true

/supports-color/2.0.0:
  resolution: { integrity: sha1-U10EXOa2Nj+kARcIRimZXp3zJMc=}
  engines: { node: '>=0.8.0' }
  dev: true

/supports-color/7.2.0:
  resolution: { integrity: sha512-
qpCAvRI9stuOHveKsn7HncJRvv501qIacKzQIO/+Lwxc9+0q2wLyv4Dfvt80/DPn2pqOBsJdDiogXGR9+OvwrW=
=}
  engines: { node: '>=8' }
  dependencies:
    has-flag: 4.0.0
  dev: true

/supports-preserve-symlinks-flag/1.0.0:
  resolution: { integrity: sha512-
ot0WnXS9fgdkgIcePe6RHNk1WA8+muPa6cSjeR3V8K27q9BB1rTE3R1p7Hv0z1ZyAc8s6Vvv8DIyWf681MAf0
w==}
  engines: { node: '>= 0.4' }
  dev: true

/svelte-check/2.3.0_svelte@3.46.3:
  resolution: { integrity: sha512-
SBKdJyUmxxPmJf/ZPqDSQOoa9JzOcgEpV7u3UaYcgVn7fA0veZ3FA5JgLU8KYtf84Gp6guBVcrC7XKLjJa5SX
Q==}
  hasBin: true
  peerDependencies:
    svelte: ^3.24.0
  dependencies:
    chokidar: 3.5.3
    fast-glob: 3.2.11
    import-fresh: 3.3.0
    minimist: 1.2.5
    picocolors: 1.0.0
    sade: 1.8.1
    source-map: 0.7.3
    svelte: 3.46.3
    svelte-preprocess: 4.10.2_svelte@3.46.3+typescript@4.5.5
    typescript: 4.5.5

```

transitivePeerDependencies:

- '@babel/core'
- coffeescript
- less
- node-sass
- postcss
- postcss-load-config
- pug
- sass
- stylus
- sugarss

dev: true

/svelte-hmr/0.14.9_svelte@3.46.3:

resolution: {integrity: sha512-

bKE9+4qb4sAnA+TKHiYurUI970rjA0XmlP9TEP7K/ncyWz3m81kA4HOgmlZK/7irGK7gzZlaPDI3cmf8fp/+tg==
}

peerDependencies:

svelte: '>=3.19.0'

dependencies:

svelte: 3.46.3

dev: true

/svelte-preprocess/4.10.2_svelte@3.46.3+typescript@4.5.5:

resolution: {integrity: sha512-

aPpkCreSo8EL/y8kJSa1trhiX0oyAtTjlNNM7BNjRAsMJ8Yy2LtqHt0zyd4pQPXt+D4PzbO3qTjjio3kwOxDIA==}

engines: {node:

'>= 9.11.2'}

requiresBuild: true

peerDependencies:

'@babel/core': '^7.10.2

coffeescript: ^2.5.1

less: ^3.11.3 || ^4.0.0

node-sass: '*'

postcss: ^7 || ^8

postcss-load-config: ^2.1.0 || ^3.0.0

pug: ^3.0.0

sass: ^1.26.8

stylus: ^0.55.0

sugarss: ^2.0.0

svelte: ^3.23.0

typescript: ^4.5.2

peerDependenciesMeta:

'@babel/core':

optional: true

coffeescript:

optional: true

less:

optional: true
node-sass:
optional: true
postcss:
optional: true
postcss-load-config:
optional: true
pug:
optional: true
sass:
optional: true
stylus:
optional: true
sugarss:
optional: true
typescript:
optional: true
dependencies:
'@types/pug': 2.0.6
'@types/sass': 1.43.1
detect-indent: 6.1.0
magic-string: 0.25.7
sorcery: 0.10.0
strip-indent: 3.0.0
svelte: 3.46.3
typescript: 4.5.5
dev: true

/svelte/3.46.3:

resolution: {integrity: sha512-mTOXvv74CVQqJHqoIZDprVfRKVVmYNadXP0VKnOEA54223kLGCr1nMrifS4Zx29qMt/xRB38Eq1D7dDH/fM8fQ==}
engines: {node: '>= 8'}
dev: true

/tar-fs/2.1.1:

resolution: {integrity: sha512-V0r2Y9scmbDRLCNex/+hYzvp/zyYjvFbHPNgVTKfQvVrb6guiE/fxP+XblDNR011utopbkex2nM4dHNV6GDsng==}
dependencies:
chownr: 1.1.4
mkdirp-classic: 0.5.3
pump: 3.0.0
tar-stream: 2.2.0
dev: true

/tar-stream/1.6.2:

resolution: {integrity: sha512-

```
rzS0heiNf8Xn7/mpdSVVSMAWAoy9bfb1WOTYC78Z0UQKeKa/CWS8FOq0IKGNa8DWKAn9gxjCvMLYc5PG
XYIK2A==}
  engines: {node: '>= 0.8.0'}
  dependencies:
    bl: 1.2.3
    buffer-alloc: 1.2.0
    end-of-stream: 1.4.4
    fs-constants: 1.0.0
    readable-stream: 2.3.7
    to-buffer: 1.1.1
    xtend: 4.0.2
  dev: true

/tar-stream/2.2.0:
  resolution: {integrity: sha512-
ujeqbceABgwMZxEJnk2HDY2DlnUZ+9oEcb1KzTVfYHio0UE6dG71n60d8D2I4qNvleWrrXpmjpt7vZeF1LnMZ
Q==}
  engines: {node: '>=6'}
  dependencies:
    bl: 4.1.0
    end-of-stream: 1.4.4
    fs-constants: 1.0.0
    inherits: 2.0.4
    readable-stream: 3.6.0
  dev: true

/temp-dir/1.0.0:
  resolution: {integrity: sha1-CnwOom06Oa+n4OvqnB/AvE2qAR0=}
  engines: {node: '>=4'}
  dev: true

/tempfile/2.0.0:
  resolution: {integrity: sha1-awRGhWqbERTRhW/8vICczLCXcmU=}
  engines: {node: '>=4'}
  dependencies:
    temp-dir: 1.0.0
    uuid: 3.4.0
  dev: true

/through/2.3.8:
  resolution: {integrity: sha1-DdTJ/6q8NXlgsbckEV1+Doai4fU=}
  dev: true

/timed-out/4.0.1:
  resolution: {integrity: sha1-8y6srFoXW+ol1/q1Zas+2HQe9W8=}
  engines: {node: '>=0.10.0'}
  dev: true
```

/tmp/0.0.33:
resolution: {integrity: sha512-jRCJlojKnZ3addtTOjdIqoRuPEKBvNXcGYqzO6zWZX8KfKEpnGY5jfggJQ3EjKuu8D4bJRr0y+cYJFmYbImXGw==}
engines: {node: '>=0.6.0'}
dependencies:
 os-tmpdir: 1.0.2
dev: true

/to-buffer/1.1.1:
resolution:
{integrity: sha512-lx9B5iv7msuFYE3dytT+KE5tap+rNYw+K4jVkb9R/asAb+pbBSM17jtunHplhBe6RRJdZx3Pn2Jph24O32mOVg==}
dev: true

/to-readable-stream/1.0.0:
resolution: {integrity: sha512-Iq25XBt6zD5npPhLLVXGFN3/gyR2/qODcKNNyTMd4vbm39HUaOiAM4PMq0eMVC/Tkxz+Zjdsc55g9yyz+Yq00Q==}
engines: {node: '>=6'}
dev: true

/to-regexp-range/5.0.1:
resolution: {integrity: sha512-65P7iz6X5yEr1cwcgvQxbbIw7Uk3gOy5dIdtZ4rDveLqhrdJP+Li/Hx6tyK0NEb+2GCyneCMJiGqrADCSNk8sQ==}
engines: {node: '>=8.0'}
dependencies:
 is-number: 7.0.0
dev: true

/token-types/4.1.1:
resolution: {integrity: sha512-hD+QyuUAYl2spzsl0B7gf/jJ2ggR4RjkAo37j3StuePhApJUwcWDjnHDOFdIWYSwNR28H14hpwm4EI+V1Ted1w==}
engines: {node: '>=10'}
dependencies:
 '@tokenizer/token': 0.3.0
 ieee754: 1.2.1
dev: true

/trim-newlines/1.0.0:
resolution: {integrity: sha1-WIeWa7WCpFA6QetST301ARgVphM=}
engines: {node: '>=0.10.0'}
dev: true

/trim-repeated/1.0.0:

```
resolution:
{integrity: sha1-42RqLqTokTEr9+rObPsFOAvAHCE=}
engines: {node: '>=0.10.0'}
dependencies:
  escape-string-regexp: 1.0.5
dev: true

/tslib/2.3.1:
resolution: {integrity: sha512-
77EbyPPpMz+FRFRuAFIWMtmgUWGe9UOG2Z25NqCwiIjRhOf5iKGuzSe5P2w1laq+FkRy4p+PCuVkJSGkzTE
KVw==}
dev: true

/tunnel-agent/0.6.0:
resolution: {integrity: sha1-J6XeoGs2sEoKmWZ3SykIaPD8QP0=}
dependencies:
  safe-buffer: 5.2.1
dev: true

/type-fest/0.13.1:
resolution: {integrity: sha512-
34R7HTnG0XIJcBSn5XhDd7nNFPRcXYRZrBB2O2jdKqYODldSzBAqzsWoZYYvduky73toYS/ESqxPvkDf/F0X
Mg==}
engines: {node: '>=10'}
dev: true

/type-fest/0.20.2:
resolution: {integrity: sha512-
Ne+eE4r0/iWnpAxD852z3A+N0Bt5RN//NjJwRd2VFHEmrywxf5vsZlh4R6lixl6B+wz/8d+maTSAkN1FikI3LQ==
}
engines: {node: '>=10'}
dev: true

/type-fest/0.21.3:
resolution: {integrity: sha512-
t0rzBq87m3fVcduHDFhKmyyX+9eo6WQjZvf51Ea/M0Q7+T374Jp1aUiyUI0GKxp8M/OETVHSDvmkyPgvX+
X2w==}
engines: {node: '>=10'}

dev: true

/typedarray-to-buffer/3.1.5:
resolution: {integrity: sha512-
zdu8XMNEDEpKKR+XYOXAVPtWui0ly0NtohUscw+UmaHiAWT8hrV1rr//H6V+0DvJ3OQ19S979M0laLfX8rm
82Q==}
dependencies:
  is-typedarray: 1.0.0
dev: true
```

/typescript/4.5.5:
resolution: {integrity: sha512-TCTIul70LyWe6IJWT8QSYeA54WQe8EjQFU4wY52Fasj5UKx88LNYKCgBEHcOMOrFF1rKGbD8v/xcNWVUq9SymA==}
engines: {node: '>=4.2.0'}
hasBin: true
dev: true

/unzip2-stream/1.4.3:
resolution: {integrity: sha512-mlExGW4w71ebDJviH16lQLtZS32VKqsSfk80GCfUlwT/4/hNRFsocrF/c++9xinkMzECL1uL9DDwXqFWkruPg==}
dependencies:
buffer: 5.7.1
through: 2.3.8
dev: true

/unique-string/2.0.0:
resolution: {integrity: sha512-uNaeirEPvpZWSgzwsPGtU2zVSTrn/8L5q/IexZmH0eH6SA73CmAA5U4GwORTxQAZs95TAXLNqeLoPPNO5gZfWg==}
engines: {node: '>=8'}
dependencies:
crypto-random-string: 2.0.0
dev: true

/universalify/2.0.0:
resolution: {integrity: sha512-hAZsKq7Yy11Zu1DE0OzWjw7nnLZmJZYTDZZyEFHZdUUhV8FkH5MCfoU1XMaxXovpyW5nq5scPqq0ZDP9Zyl04oQ==}
engines: {node: '>= 10.0.0'}
dev: true

/update-notifier/5.1.0:
resolution: {integrity: sha512-ItnICHbeMh9GqUy31hFPrD1kcuZ3rpxDZbf4KUDavXwS0bW5m7SLbDQpGX3UYr072cbrF5hFUs3r5tUsPwjfHw==}
engines: {node: '>=10'}
dependencies:
boxen: 5.1.2
chalk: 4.1.2
configstore: 5.0.1
has-yarn: 2.1.0
import-lazy: 2.1.0
is-ci: 2.0.0
is-installed-globally: 0.4.0
is-npm: 5.0.0

is-yarn-global: 0.3.0
latest-version: 5.1.0
pupa: 2.1.1
semver: 7.3.5
semver-diff: 3.1.1
xdg-basedir: 4.0.0
dev: true

/url-parse-lax/1.0.0:
resolution: {integrity: sha1-evjzA2Rem9eaJy56FKxovAYJ2nM=}
engines: {node: '>=0.10.0'}
dependencies:
 prepend-http: 1.0.4
dev: true

/url-parse-lax/3.0.0:
resolution: {integrity: sha1-FrXK/Afb42dsGxmZF3gj11A6yww=}
engines: {node: '>=4'}
dependencies:
 prepend-http: 2.0.0
dev: true

/url-to-options/1.0.1:
resolution: {integrity: sha1-FQWgOiaSMvXpDTvuu7FBV9WM6k=}
engines: {node: '>= 4'}
dev: true

/util-deprecate/1.0.2:
resolution: {integrity: sha1-RQ1Nyfpw3nMnYvvS1KKJgUGaDM8=}
dev: true

/uuid/3.4.0:
resolution: {integrity: sha512-HjSDRw6gZE5JMggctHBcjVak08+KEVhSIiDzFnT9S9aegmp85S/bReBVTb4QTFaRNptJ9kuYaNhnbNEOkbKb/A==}
deprecated: Please upgrade to version 7 or higher. Older versions may use Math.random() in certain circumstances, which is known to be problematic. See <https://v8.dev/blog/math-random> for details.
hasBin: true
dev: true

/validate-npm-package-license/3.0.4:
resolution: {integrity: sha512-DpKm2Ui/xN7/HQKctpZxoRWBhZ9Z0kqtygG8XCgNQ8ZIDnxuQmWhj566j8fN4Cu3/JmbhsDo7fcAJq4s9h27Ew==}
dependencies:
 spdx-correct: 3.1.1
 spdx-expression-parse: 3.0.1
dev: true

```
/vite/2.7.13:
  resolution: {integrity: sha512-
Mq8et7f3aK0SgSxjDNfOAimZGW9XryfHRa/uV0jseQSilg+KhYDS0Nb9h1rknOy6SuMkvNDLKCYAYYUMCE
+IqQ==}
  engines: {node: '>=12.2.0'}
  hasBin: true
  peerDependencies:
    less: '*'
    sass: '*'
    stylus: '*'
  peerDependenciesMeta:
    less:
      optional: true
    sass:
      optional: true
    stylus:
      optional: true
  dependencies:
    esbuild: 0.13.15
    postcss: 8.4.5
    resolve: 1.22.0
    rollup: 2.66.1
  optionalDependencies:
    fsevents: 2.3.2
  dev: true
```

```
/wcss/1.0.1:
  resolution: {integrity: sha1-8LDc+RW8X/FSivrbLA4XtTLaL+g=}
  dependencies:
    defaults: 1.0.3
  dev: true
```

```
/which/1.3.1:
  resolution: {integrity: sha512-
HxJdYWq1MTIQbJ3nw0cqssHoTNU267KlrDuGZ1WY1xDStUtKUhOaJmh112/TZmHxxUfuJqPXS0m7tDyas00
SIQ==}
  hasBin: true
  dependencies:
    isexe: 2.0.0
  dev: true
```

```
/which/2.0.2:
  resolution: {integrity: sha512-
BLI3Tl1TW3Pv170l3yq3Y64i+awpwXqsGBYWkkqMtnbXgrMD+yj7rhW0kuEDxzJaYXGjEW5ogapKNMEKNM
jibA==}
  engines: {node: '>= 8'}
  hasBin: true
```

```
dependencies:
  isexe: 2.0.0
dev:
true

/wide-align/1.1.5:
  resolution: {integrity: sha512-
eDMORYaPNZ4sQIuuYPdHdQvf4gyCF9rEEV/yPxGfwPkRodwEgiMUUXTx/dex+Me0wxx53S+NgUHaP7y3M
GIDmg==}
  dependencies:
    string-width: 1.0.2
  dev: true

/widest-line/3.1.0:
  resolution: {integrity: sha512-
NsmoXalsWVDMGupxZ5R08ka9flZjjiLvHVAWYOKtiKM8ujtZW9cRffak+uSE48+Ob8ObalXpwyeUiDD6QFg
g==}
  engines: {node: '>=8'}
  dependencies:
    string-width: 4.2.3
  dev: true

/with-open-file/0.1.7:
  resolution: {integrity: sha512-
ecJS2/oHtESJ1t3ZfMI3B7KIDKyfN0O16miWxdn30zdh66Yd3LsRfFebXZXq6GU4xfxLf6nVxp9kIqElb5fqczA==}
  engines: {node: '>=6'}
  dependencies:
    p-finally: 1.0.0
    p-try: 2.2.0
    pify: 4.0.1
  dev: true

/wrap-ansi/7.0.0:
  resolution: {integrity: sha512-
YVGJj2kamLSTxw6NsZjoBxfSwsn0ycdesmc4p+Q21c5zPuZ1pl+NfxVdxPtdHvmNVOQ6XSYG4AUtyt/Fi7D16Q
==}
  engines: {node: '>=10'}
  dependencies:
    ansi-styles: 4.3.0
    string-width: 4.2.3
    strip-ansi: 6.0.1
  dev: true

/wrappy/1.0.2:
  resolution: {integrity: sha1-tSQ9jz7BqjXxNkYFvA0QNuMKtp8=}
  dev: true

/write-file-atomic/3.0.3:
```

```
resolution: {integrity: sha512-
AvHcyZ5JnSfq3ioSjyrBkH9yW4m7Ayk8/9My/DD9onKeu/94fwrMocemO2QAJFAInnDN+ZDS+ZjAR5ua1/PV/Q
==}
dependencies:
  imurmurhash: 0.1.4
  is-typedarray: 1.0.0
  signal-exit: 3.0.6
  typedarray-to-buffer: 3.1.5
dev: true

/xdg-basedir/4.0.0:
resolution: {integrity: sha512-
PSNhEJDejZYV7h50BohL09Er9VaIefr2LMAf3OEmpCkjOi34eYyQYAXUTjEQtZJTKcF0E2UKTh+osDLsgNim
9Q==}
engines: {node: '>=8'}
dev: true

/xtend/4.0.2:
resolution: {integrity: sha512-
LKYU1iAXJXUgAXn9URjiu+MWhyUXHsvfp7mCuYm9dSUKK0/CjtrUwFAxD82/mCWbtLsGjFIad0wIsod4zrT
AEQ==}
engines: {node: '>=0.4'}
dev: true

/yallist/2.1.2:
resolution: {integrity: sha1-HBH5IY8HYImkfdUS+TxmmaaoHVI=}
dev: true

/yallist/4.0.0:
resolution: {integrity: sha512-
3wdGidZyq5PB084XLES5TpOSRA3wjXAlIWMhum2kRcv/41Sn2emQ0dycQW4uZXLejwKvg6EsvbdIVL+FYEc
t7A==}
dev: true

/yauzl/2.10.0:
resolution: {integrity: sha1-x+sXyT4RLLEIb6bY5R+wZnt5pfk=}
dependencies:
  buffer-crc32: 0.2.13
  fd-slicer: 1.1.0
dev: true

/zopfli-bin/6.0.1:
resolution: {integrity: sha512-
+aybvXv/xaFL6I67uSH5yLHrSy4/OaSOV9tniw4yZFIHpINXUcctVHE/WzHxOONrL2GHZJ8Fd4iDrNyaS6TVbg=
=}
engines: {node: '>=10'}
hasBin: true
requiresBuild: true
```

dependencies:

bin-build: 3.0.0

bin-wrapper: 4.1.0

logalot: 2.1.0

dev: true

Found in path(s):

* /opt/cola/permits/1463527128_1667742204.2126267/0/freethinkel-yamux-v0-1-1-0-g502720e-1-tar-gz/freethinkel-yamux-502720e/pnpm-lock.yaml

No license file was found, but licenses were detected in source scan.

```
*/@font-face{font-family:tabler-icons;font-style:normal;font-weight:400;src:url(fonts/tabler-
icons.eot);src:url(fonts/tabler-icons.eot?#iefix) format("embedded-opentype"),url(fonts/tabler-icons.woff2)
format("woff2"),url(fonts/tabler-icons.woff) format("woff"),url(fonts/tabler-icons.ttf)
format("truetype"),url(fonts/tabler-icons.svg#tabler-icons) format("svg")}@media screen and (-webkit-min-device-
pixel-ratio:0){@font-face{font-family:tabler-icons;src:url(fonts/tabler-icons.svg#tabler-icons)
format("svg")}.ti{font-family:tabler-icons!important;speak:none;font-style:normal;font-weight:400;font-
variant:normal;text-transform:none;line-height:1;-webkit-font-smoothing:antialiased;-moz-osx-font-
smoothing:grayscale}.ti-2fa:before{content:"\eca0"}.ti-3d-cube-sphere:before{content:"\ecd7"}.ti-a-
b:before{content:"\ec36"}.ti-access-point:before{content:"\ed1b"}.ti-access-point-off:before{content:"\ed1a"}.ti-
accessible:before{content:"\eba9"}.ti-activity:before{content:"\ed23"}.ti-ad:before{content:"\ea02"}.ti-ad-
2:before{content:"\ef1f"}.ti-adjustments:before{content:"\ea03"}.ti-adjustments-alt:before{content:"\ec37"}.ti-
adjustments-horizontal:before{content:"\ec38"}.ti-aerial-lift:before{content:"\edfe"}.ti-
affiliate:before{content:"\edff"}.ti-alarm:before{content:"\ea04"}.ti-alert-circle:before{content:"\ea05"}.ti-alert-
octagon:before{content:"\ecc6"}.ti-alert-triangle:before{content:"\ea06"}.ti-alien:before{content:"\ebde"}.ti-align-
center:before{content:"\ea07"}.ti-align-justified:before{content:"\ea08"}.ti-align-left:before{content:"\ea09"}.ti-
align-right:before{content:"\ea0a"}.ti-ambulance:before{content:"\ebf5"}.ti-anchor:before{content:"\eb76"}.ti-
angle:before{content:"\ef20"}.ti-antenna-bars-1:before{content:"\ecc7"}.ti-antenna-bars-
2:before{content:"\ecc8"}.ti-antenna-bars-3:before{content:"\ecc9"}.ti-antenna-bars-4:before{content:"\ecca"}.ti-
antenna-bars-5:before{content:"\eccb"}.ti-aperture:before{content:"\eb58"}.ti-apple:before{content:"\ef21"}.ti-
apps:before{content:"\ebb6"}.ti-archive:before{content:"\ea0b"}.ti-arrow-back:before{content:"\ea0c"}.ti-arrow-
back-up:before{content:"\eb77"}.ti-arrow-bar-down:before{content:"\ea0d"}.ti-arrow-bar-
left:before{content:"\ea0e"}.ti-arrow-bar-right:before{content:"\ea0f"}.ti-arrow-bar-to-
down:before{content:"\ec88"}.ti-arrow-bar-to-left:before{content:"\ec89"}.ti-arrow-bar-to-
right:before{content:"\ec8a"}.ti-arrow-bar-to-up:before{content:"\ec8b"}.ti-arrow-bar-
up:before{content:"\ea10"}.ti-arrow-big-down:before{content:"\edda"}.ti-arrow-big-left:before{content:"\eddb"}.ti-
arrow-big-right:before{content:"\eddc"}.ti-arrow-big-top:before{content:"\eddd"}.ti-arrow-bottom-
bar:before{content:"\ed98"}.ti-arrow-bottom-circle:before{content:"\ed99"}.ti-arrow-bottom-
square:before{content:"\ed9a"}.ti-arrow-bottom-tail:before{content:"\ed9b"}.ti-arrow-
down:before{content:"\ea16"}.ti-arrow-down-circle:before{content:"\ea11"}.ti-arrow-down-
left:before{content:"\ea13"}.ti-arrow-down-left-circle:before{content:"\ea12"}.ti-arrow-down-
right:before{content:"\ea15"}.ti-arrow-down-right-circle:before{content:"\ea14"}.ti-arrow-
forward:before{content:"\ea17"}.ti-arrow-forward-up:before{content:"\eb78"}.ti-arrow-
left:before{content:"\ea19"}.ti-arrow-left-bar:before{content:"\ed9c"}.ti-arrow-left-
circle:before{content:"\ea18"}.ti-arrow-left-square:before{content:"\ed9d"}.ti-arrow-left-
tail:before{content:"\ed9e"}.ti-arrow-loop-left:before{content:"\ed9f"}.ti-arrow-loop-
right:before{content:"\eda0"}.ti-arrow-narrow-down:before{content:"\ea1a"}.ti-arrow-narrow-
left:before{content:"\ea1b"}.ti-arrow-narrow-right:before{content:"\ea1c"}.ti-arrow-narrow-
```

up:before{ content:"\ea1d" }.ti-arrow-ramp-left:before{ content:"\ed3c" }.ti-arrow-ramp-right:before{ content:"\ed3d" }.ti-arrow-right:before{ content:"\ea1f" }.ti-arrow-right-bar:before{ content:"\eda1" }.ti-arrow-right-circle:before{ content:"\ea1e" }.ti-arrow-right-square:before{ content:"\eda2" }.ti-arrow-right-tail:before{ content:"\eda3" }.ti-arrow-top-bar:before{ content:"\eda4" }.ti-arrow-top-circle:before{ content:"\eda5" }.ti-arrow-top-square:before{ content:"\eda6" }.ti-arrow-top-tail:before{ content:"\eda7" }.ti-arrow-up:before{ content:"\ea25" }.ti-arrow-up-circle:before{ content:"\ea20" }.ti-arrow-up-left:before{ content:"\ea22" }.ti-arrow-up-left-circle:before{ content:"\ea21" }.ti-arrow-up-right:before{ content:"\ea24" }.ti-arrow-up-right-circle:before{ content:"\ea23" }.ti-arrow-wave-left-down:before{ content:"\eda8" }.ti-arrow-wave-left-up:before{ content:"\eda9" }.ti-arrow-wave-right-down:before{ content:"\edaa" }.ti-arrow-wave-right-up:before{ content:"\edab" }.ti-arrows-diagonal:before{ content:"\ea27" }.ti-arrows-diagonal-2:before{ content:"\ea26" }.ti-arrows-double-ne-sw:before{ content:"\edde" }.ti-arrows-double-nw-se:before{ content:"\eddf" }.ti-arrows-double-se-nw:before{ content:"\ede0" }.ti-arrows-double-sw-ne:before{ content:"\ede1" }.ti-arrows-down:before{ content:"\edad" }.ti-arrows-down-up:before{ content:"\edac" }.ti-arrows-horizontal:before{ content:"\eb59" }.ti-arrows-join:before{ content:"\edaf" }.ti-arrows-join-2:before{ content:"\edae" }.ti-arrows-left:before{ content:"\edb1" }.ti-arrows-left-down:before{ content:"\ee00" }.ti-arrows-left-right:before{ content:"\edb0" }.ti-arrows-maximize:before{ content:"\ea28" }.ti-arrows-minimize:before{ content:"\ea29" }.ti-arrows-right:before{ content:"\edb3" }.ti-arrows-right-down:before{ content:"\ee01" }.ti-arrows-right-left:before{ content:"\edb2" }.ti-arrows-sort:before{ content:"\eb5a" }.ti-arrows-split:before{ content:"\edb5" }.ti-arrows-split-2:before{ content:"\edb4" }.ti-arrows-up:before{ content:"\edb7" }.ti-arrows-up-down:before{ content:"\edb6" }.ti-arrows-up-left:before{ content:"\ee02" }.ti-arrows-up-right:before{ content:"\ee03" }.ti-arrows-vertical:before{ content:"\eb5b" }.ti-artboard:before{ content:"\ea2a" }.ti-aspect-ratio:before{ content:"\ed30" }.ti-at:before{ content:"\ea2b" }.ti-atom:before{ content:"\eb79" }.ti-atom-2:before{ content:"\ebdf" }.ti-award:before{ content:"\ea2c" }.ti-backhoe:before{ content:"\ed86" }.ti-backspace:before{ content:"\ea2d" }.ti-ball-american-football:before{ content:"\ee04" }.ti-ball-basketball:before{ content:"\ec28" }.ti-ball-bowling:before{ content:"\ec29" }.ti-ball-football:before{ content:"\ee06" }.ti-ball-football-off:before{ content:"\ee05" }.ti-ball-tennis:before{ content:"\ec2a" }.ti-ball-volleyball:before{ content:"\ec2b" }.ti-ban:before{ content:"\ea2e" }.ti-bandage:before{ content:"\eb7a" }.ti-barcode:before{ content:"\ebc6" }.ti-basket:before{ content:"\ebe1" }.ti-battery:before{ content:"\ea34" }.ti-battery-1:before{ content:"\ea2f" }.ti-battery-2:before{ content:"\ea30" }.ti-battery-3:before{ content:"\ea31" }.ti-battery-4:before{ content:"\ea32" }.ti-battery-automotive:before{ content:"\ee07" }.ti-battery-charging:before{ content:"\ea33" }.ti-battery-off:before{ content:"\ed1c" }.ti-bed:before{ content:"\eb5c" }.ti-bell:before{ content:"\ea35" }.ti-bell-minus:before{ content:"\ede2" }.ti-bell-off:before{ content:"\ece9" }.ti-bell-plus:before{ content:"\ede3" }.ti-bell-ringing:before{ content:"\ed07" }.ti-bell-ringing-2:before{ content:"\ede4" }.ti-bell-x:before{ content:"\ede5" }.ti-bike:before{ content:"\ea36" }.ti-binary:before{ content:"\ee08" }.ti-biohazard:before{ content:"\ecb8" }.ti-blockquote:before{ content:"\ee09" }.ti-bluetooth:before{ content:"\ea37" }.ti-bluetooth-connected:before{ content:"\ecea" }.ti-bluetooth-off:before{ content:"\eceb" }.ti-bold:before{ content:"\eb7b" }.ti-bolt:before{ content:"\ea38" }.ti-bolt-off:before{ content:"\ecec" }.ti-bone:before{ content:"\edb8" }.ti-book:before{ content:"\ea39" }.ti-bookmark:before{ content:"\ea3a" }.ti-bookmark-off:before{ content:"\eced" }.ti-bookmarks:before{ content:"\ed08" }.ti-border-all:before{ content:"\ea3b" }.ti-border-bottom:before{ content:"\ea3c" }.ti-border-horizontal:before{ content:"\ea3d" }.ti-border-inner:before{ content:"\ea3e" }.ti-border-left:before{ content:"\ea3f" }.ti-border-none:before{ content:"\ea40" }.ti-border-outer:before{ content:"\ea41" }.ti-border-radius:before{ content:"\eb7c" }.ti-border-right:before{ content:"\ea42" }.ti-border-style:before{ content:"\ee0a" }.ti-border-style-2:before{ content:"\ef22" }.ti-border-top:before{ content:"\ea43" }.ti-border-vertical:before{ content:"\ea44" }.ti-bottle:before{ content:"\ef0b" }.ti-box:before{ content:"\ea45" }.ti-box-margin:before{ content:"\ee0b" }.ti-box-model:before{ content:"\ee0c" }.ti-box-model-2:before{ content:"\ef23" }.ti-box-multiple:before{ content:"\ee17" }.ti-box-multiple-0:before{ content:"\ee0d" }.ti-box-multiple-1:before{ content:"\ee0e" }.ti-box-multiple-2:before{ content:"\ee0f" }.ti-

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church:before{ content:"\ea4c" }.ti-building-community:before{ content:"\ebf6" }.ti-building-cottage:before{ content:"\ee1b" }.ti-building-factory:before{ content:"\ee1c" }.ti-building-fortress:before{ content:"\ed89" }.ti-building-hospital:before{ content:"\ea4d" }.ti-building-lighthouse:before{ content:"\ed8a" }.ti-building-monument:before{ content:"\ed26" }.ti-building-pavilion:before{ content:"\ebf7" }.ti-building-skyscraper:before{ content:"\ec39" }.ti-building-store:before{ content:"\ea4e" }.ti-building-warehouse:before{ content:"\ebe3" }.ti-bulb:before{ content:"\ea51" }.ti-bulb-off:before{ content:"\ea50" }.ti-bulldozer:before{ content:"\ee1d" }.ti-bus:before{ content:"\ebe4" }.ti-businessplan:before{ content:"\ee1e" }.ti-calculator:before{ content:"\eb80" }.ti-calendar:before{ content:"\ea53" }.ti-calendar-event:before{ content:"\ea52" }.ti-calendar-minus:before{ content:"\ebb9" }.ti-calendar-off:before{ content:"\ee1f" }.ti-calendar-plus:before{ content:"\ebba" 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cloud-storm:before { content: "\ea74" }.ti-cloud-upload:before { content: "\ea75" }.ti-code:before { content: "\ea77" }.ti-code-minus:before { content: "\ee42" }.ti-code-plus:before { content: "\ee43" }.ti-coffee:before { content: "\ef0e" }.ti-coin:before { content: "\eb82" }.ti-color-picker:before { content: "\ebe6" }.ti-color-swatch:before { content: "\eb61" }.ti-column-insert-left:before { content: "\ee44" }.ti-column-insert-right:before { content: "\ee45" }.ti-columns:before { content: "\eb83" }.ti-comet:before { content: "\ec76" }.ti-command:before { content: "\ea78" }.ti-compass:before { content: "\ea79" }.ti-confetti:before { content: "\ee46" }.ti-container:before { content: "\ee47" }.ti-contrast:before { content: "\ec4e" }.ti-cookie:before { content: "\ef0f" }.ti-copy:before { content: "\ea7a" }.ti-copyleft:before { content: "\ec3d" }.ti-copyright:before { content: "\ea7b" }.ti-corner-down-left:before { content: "\ea7c" }.ti-corner-down-left-double:before { content: "\ee48" 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content: "\ee60" }.ti-currency-litecoin:before { content: "\ee61" }.ti-currency-naira:before { content: "\ee62" }.ti-currency-pound:before { content: "\ebac" }.ti-currency-real:before { content: "\ee63" }.ti-currency-renminbi:before { content: "\ee64" }.ti-currency-ripple:before { content: "\ee65" }.ti-currency-ryyal:before { content: "\ee66" }.ti-currency-rubel:before { content: "\ee67" }.ti-currency-rupee:before { content: "\ebad" }.ti-currency-shekel:before { content: "\ee68" }.ti-currency-taka:before { content: "\ee69" }.ti-currency-tugrik:before { content: "\ee6a" }.ti-currency-won:before { content: "\ee6b" }.ti-currency-yen:before { content: "\ebae" }.ti-currency-zloty:before { content: "\ee6c" }.ti-current-location:before { content: "\ecdf" }.ti-cursor-text:before { content: "\ee6d" }.ti-cut:before { content: "\ea86" }.ti-dashboard:before { content: "\ea87" }.ti-database:before { content: "\ea88" }.ti-database-export:before { content: "\ee6e" }.ti-database-import:before { 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diamond:before{ content:"\eb65" }.ti-dice:before{ content:"\eb66" }.ti-dimensions:before{ content:"\ee7b" }.ti-direction:before{ content:"\ebfb" }.ti-direction-horizontal:before{ content:"\ebfa" }.ti-directions:before{ content:"\ea8e" }.ti-disabled:before{ content:"\ea8f" }.ti-disabled-2:before{ content:"\ebaf" }.ti-disc:before{ content:"\ea90" }.ti-discount:before{ content:"\ebbd" }.ti-discount-2:before{ content:"\ee7c" }.ti-divide:before{ content:"\ed5c" }.ti-dna:before{ content:"\ee7d" }.ti-dog-bowl:before{ content:"\ef29" }.ti-dots:before{ content:"\ea95" }.ti-dots-circle-horizontal:before{ content:"\ea91" }.ti-dots-diagonal:before{ content:"\ea93" }.ti-dots-diagonal-2:before{ content:"\ea92" }.ti-dots-vertical:before{ content:"\ea94" }.ti-download:before{ content:"\ea96" }.ti-drag-drop:before{ content:"\eb89" }.ti-drag-drop-2:before{ content:"\eb88" }.ti-drone:before{ content:"\ed79" }.ti-drone-off:before{ content:"\ee7e" }.ti-droplet:before{ content:"\ea97" 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}.ti-logout:before{content:"\eba8"}.ti-

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"\ecf6" }.ti-physiotherapist:before { content: "\eebe" }.ti-picture-in-picture:before { content: "\ed35" }.ti-picture-in-picture-off:before { content: "\ed43" }.ti-picture-in-picture-on:before { content: "\ed44" }.ti-pill:before { content: "\ec44" }.ti-pin:before { content: "\ec9c" }.ti-pinned:before { content: "\ed60" }.ti-pinned-off:before { content: "\ed5f" }.ti-pizza:before { content: "\edbb" }.ti-plane:before { content: "\eb6f" }.ti-plane-arrival:before { content: "\eb99" }.ti-plane-

departure:before { content: "\eb9a" }.ti-planet:before { content: "\ec08" }.ti-plant:before { content: "\ed50" }.ti-plant-2:before { content: "\ed7e" }.ti-play-card:before { content: "\eebf" }.ti-player-pause:before { content: "\ed45" }.ti-player-play:before { content: "\ed46" }.ti-player-record:before { content: "\ed47" }.ti-player-skip-back:before { content: "\ed48" }.ti-player-skip-forward:before { content: "\ed49" }.ti-player-stop:before { content: "\ed4a" }.ti-player-track-next:before { content: "\ed4b" }.ti-player-track-prev:before { content: "\ed4c" }.ti-playlist:before { content: "\eec0" }.ti-plugin:before { content: "\ebd9" }.ti-plus:before { content: "\eb0b" }.ti-point:before { content: "\eb0c" }.ti-pokeball:before { content: "\eec1" }.ti-polaroid:before { content: "\ec2" }.ti-pool:before { content: "\ed91" }.ti-power:before { content: "\eb0d" }.ti-pray:before { content: "\ecbf" }.ti-presentation:before { content: "\eb70" }.ti-presentation-analytics:before { content: "\eec3" 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smoking:before { content: "\ecc4" }.ti-smoking-no:before { content: "\ecc3" }.ti-snowflake:before { content: "\ec0b" }.ti-soccer-field:before { content: "\ed92" }.ti-social:before { content: "\ebec" }.ti-sock:before { content: "\eee1" }.ti-sort-ascending:before { content: "\eb26" }.ti-sort-ascending-2:before { content: "\eee2" }.ti-sort-ascending-letters:before { content: "\ef18" }.ti-sort-ascending-numbers:before { content: "\ef19" }.ti-sort-descending:before { content: "\eb27" }.ti-sort-descending-2:before { content: "\eee3" }.ti-sort-descending-letters:before { content: "\ef1a" }.ti-sort-descending-numbers:before { content: "\ef1b" }.ti-soup:before { content: "\ef2e" }.ti-space:before { content: "\ec0c" }.ti-speakerphone:before { content: "\ed61" }.ti-speedboat:before { content: "\ed93" }.ti-sport-billard:before { content: "\eee4" }.ti-square:before { content: "\eb2c" }.ti-square-0:before { content: "\eee5" }.ti-square-1:before { content: "\eee6" }.ti-square-2:before { content: 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Found

in path(s):

* /opt/cola/permits/1463527128_1667742204.2126267/0/freethinkel-yamux-v0-1-1-0-g502720e-1-tar-gz/freethinkel-yamux-502720e/src/assets/tabler-icons.min.css

1.441 gosqlite 1.14.16

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1.442 tzdata 2022f-r1

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1.443 aws-sdk-go 1.44.109

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1.444 fzambia-eagle 0.0.2

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1.445 segmentio-asm 1.1.4

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1.446 gosimple-unidecode 1.0.1

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1.447 deepmap-oapi-codegen 1.10.1

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1.448 sockjs 3.0.2

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1.449 blugelabs-ice 1.0.0

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1.452 grafana-thema 0.0.0-20220817114012-ebeee841c104

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1.453 blevesearch-mmmap-go 1.0.4

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1.456 centrifugal-centrifuge 0.25.0

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1.458 centrifugal-protocol 0.8.10

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1.459 blevesearch-vellum 1.0.7

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1.460 x-errors v0.0.0-20220907171357-04be3eba64a2

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lib/erl/src/Makefile.am

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For the aclocal/ax_boost_base.m4 and contrib/fb303/aclocal/ax_boost_base.m4 components:

```
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For the lib/nodejs/lib/thrift/json_parse.js:

```
/*  
  json_parse.js  
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*/  
(By Douglas Crockford <douglas@crockford.com>)
```

For lib/cpp/src/thrift/windows/SocketPair.cpp

```
/* socketpair.c  
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*/
```

For lib/py/compat/win32/stdint.h

```
// ISO C9x compliantstdint.h for Microsoft Visual Studio  
// Based on ISO/IEC 9899:TC2 Committee draft (May 6, 2005) WG14/N1124  
//  
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//
//
//////////////////////////////////////////////////////////////////
```

Codegen template

in t_html_generator.h

* Bootstrap v2.0.3

*

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*

* Designed and built with all the love in the world @twitter by @mdo and @fat.

For t_cl_generator.cc

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1.463 golang-protobuf-extensions v1.0.2

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1.464 open-telemetry-opentelemetry- collector-contrib 1.6.3

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1.466 x-net v0.0.0-20220909164309-bea034e7d591

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1.467 x-text v0.4.0

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1.468 go-openapi-jsonpointer 0.19.6

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1.469 gonum-blas v0.11.0

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1.471 ncurses-libs 6.3_p20211120-r1

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1.472 github.com/grafana/grafana-azure-sdk-go v1.3.0

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1.473 open-telemetry-opentelemetry-collector-contrib v0.31.0

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1.474 github.com/grafana/xorm v0.8.3-0.20220614223926-2fcda7565af6

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1.475 units v0.0.0-20211218093645-b94a6e3cc137

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1.476 github.com/go-kit/log v0.2.1

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v0.19.6

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1.480 clockwork v0.3.0

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1.481 goccy-go-json 0.10.0

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drop-2:before { content: "\eb88" }.ti-drone:before { content: "\ed79" }.ti-drone-off:before { content: "\ee7e" }.ti-droplet:before { content: "\ea97" }.ti-droplet-filled:before { content: "\ee80" }.ti-droplet-filled-2:before { content: "\ee7f" }.ti-droplet-half:before { content: "\ee82" }.ti-droplet-half-2:before { content: "\ee81" }.ti-droplet-off:before { content: "\ee83" }.ti-ear:before { content: "\ebce" }.ti-ear-off:before { content: "\ee84" }.ti-edit:before { content: "\ea98" }.ti-edit-circle:before { content: "\ee85" }.ti-egg:before { content: "\eb8a" }.ti-emphasis:before { content: "\ebcf" }.ti-equal:before { content: "\ee87" }.ti-equal-not:before { content: "\ee86" }.ti-eraser:before { content: "\eb8b" }.ti-exchange:before { content: "\ebe7" }.ti-exposure:before { content: "\eb8c" }.ti-external-link:before { content: "\ea99" }.ti-eye:before { content: "\ea9a" }.ti-eye-check:before { content: "\ee88" }.ti-eye-off:before { content: "\ecf0" }.ti-eyeglass:before { content: "\ee8a" 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square-0:before { content: "\eee5" }.ti-square-1:before { content: "\eee6" }.ti-square-2:before { content: "\eee7" }.ti-square-3:before { content: "\eee8" }.ti-square-4:before { content: "\eee9" }.ti-square-5:before { content: "\eeea" }.ti-square-6:before { content: "\eeeb" }.ti-square-7:before { content: "\eeec" }.ti-square-8:before { content: "\eeed" }.ti-square-9:before { content: "\eeee" }.ti-square-check:before { content: "\eb28" }.ti-square-dot:before { content: "\ed59" }.ti-square-forbid:before { content: "\ed5b" }.ti-square-forbid-2:before { content: "\ed5a" }.ti-square-minus:before { content: "\eb29" }.ti-square-off:before { content: "\eef3" }.ti-square-plus:before { content: "\eb2a" }.ti-square-root:before { content: "\eef1" }.ti-square-root-2:before { content: "\eef0" }.ti-square-rotated:before { content: "\ecdf" }.ti-square-rotated-off:before { content: "\eef2" }.ti-square-toggle:before { content: "\eef4" }.ti-square-toggle-horizontal:before { content: "\eef3" }.ti-square-x:before { content: "\eb2b" }.ti-squares-diagonal:before { content: "\eef5" }.ti-squares-filled:before { content: "\eef6" }.ti-stack:before { content: "\eb2d" }.ti-stack-2:before { content: "\eef7" }.ti-stairs:before { content: "\eca6" }.ti-stairs-down:before { content: "\eca4" }.ti-stairs-up:before { content: "\eca5" }.ti-star:before { content: "\eb2e" }.ti-star-half:before { content: "\ed19" }.ti-star-off:before { content: "\ed62" }.ti-stars:before { content: "\ed38" }.ti-steering-wheel:before { content: "\ec7b" }.ti-step-into:before { content: "\ece0" }.ti-step-out:before { content: "\ece1" }.ti-stethoscope:before { content: "\edbe" }.ti-sticker:before { content: "\eb2f" }.ti-strikethrough:before { content: "\eb9e" }.ti-submarine:before { content: "\ed94" }.ti-subscript:before { content: "\eb9f" }.ti-subtask:before { content: "\ec9f" }.ti-sum:before { content: "\eb73" }.ti-sun:before { content: "\eb30" }.ti-sun-off:before { content: "\ed63" }.ti-sunrise:before { content: "\ef1c" }.ti-sunset:before { content: "\ec31" }.ti-superscript:before { content: "\eba0" }.ti-swimming:before { content: "\ec92" }.ti-switch:before { content: "\eb33" }.ti-switch-2:before { content: "\edbf" }.ti-switch-3:before { content: "\edc0" }.ti-switch-horizontal:before { content: "\eb31" }.ti-switch-vertical:before { content: "\eb32" }.ti-table:before { content: "\eba1" }.ti-table-export:before { content: "\eef8" }.ti-table-import:before { content: "\eef9" }.ti-table-off:before { content: "\eefa" }.ti-tag:before { content: "\eb34" }.ti-tallymark-1:before { content: "\ec46" }.ti-tallymark-2:before { content: "\ec47" }.ti-tallymark-3:before { content: "\ec48" }.ti-tallymark-4:before { content: "\ec49" }.ti-tallymarks:before { content: "\ec4a" }.ti-tank:before { content: "\ed95" }.ti-target:before { content: "\eb35" }.ti-temperature:before { content: "\eb38" }.ti-temperature-celsius:before { content: "\eb36" }.ti-temperature-fahrenheit:before { content: "\eb37" 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content: "\ecd0" }.ti-track:before { content: "\ef00" }.ti-tractor:before { content: "\ec0d" }.ti-trademark:before { content: "\ec0e" }.ti-traffic-cone:before { content: "\ec0f" }.ti-traffic-lights:before { content: "\ed39" }.ti-train:before { content: "\ed96" }.ti-transfer-in:before { content: "\ef2f" }.ti-transfer-out:before { content: "\ef30" }.ti-trash:before { content: "\eb41" }.ti-trash-off:before { content: "\ed65" }.ti-tree:before { content: "\ef01" }.ti-trees:before { content: "\ec10" }.ti-trending-down:before { content: "\eb42" }.ti-trending-down-2:before { content: "\edc1" }.ti-trending-down-3:before { content: "\edc2" }.ti-trending-up:before { content: "\eb43" }.ti-trending-up-2:before { content: "\edc3" }.ti-trending-up-3:before { content: "\edc4" }.ti-triangle:before { content: "\eb44" }.ti-triangle-off:before { content: "\ef02" }.ti-triangle-square-circle:before { content: "\ece8" }.ti-trident:before { content: "\ecc5" }.ti-trophy:before { content: "\eb45" }.ti-truck:before { content: "\ebc4" }.ti-truck-delivery:before { content: "\ec4b" }.ti-truck-off:before { content: "\ef03" }.ti-truck-return:before { content: "\ec4c" }.ti-typography:before { content: "\ebc5" }.ti-umbrella:before { content: "\ebf1" }.ti-underline:before { content: "\eba2" }.ti-unlink:before { content: "\eb46" }.ti-upload:before { content: "\eb47" }.ti-urgent:before { content: "\eb48" }.ti-user:before { content: "\eb4d" }.ti-user-check:before { content: "\eb49" }.ti-user-exclamation:before { content: "\ec12" }.ti-user-minus:before { content: "\eb4a" }.ti-user-off:before { content: "\ecf9" }.ti-

user-plus:before { content: "\eb4b" }.ti-user-x:before { content: "\eb4c" }.ti-users:before { content: "\ebf2" }.ti-vaccine:before { content: "\ef04" }.ti-variable:before { content: "\ef05" }.ti-vector:before { content: "\eca9" }.ti-vector-beizer-2:before { content: "\ed3a" }.ti-vector-bezier:before { content: "\ef1d" }.ti-vector-triangle:before { content: "\eca8" }.ti-venus:before { content: "\ec86" }.ti-versions:before { content: "\ed52" }.ti-video:before { content: "\ed22" }.ti-video-minus:before { content: "\ed1f" }.ti-video-off:before { content: "\ed20" }.ti-video-plus:before { content: "\ed21" }.ti-view-360:before { content: "\ed84" }.ti-viewfinder:before { content: "\eb4e" }.ti-viewport-narrow:before { content: "\ebf3" }.ti-viewport-wide:before { content: "\ebf4" }.ti-virus:before { content: "\eb74" }.ti-virus-off:before { content: "\ed66" }.ti-virus-search:before { content: "\ed67" }.ti-vocabulary:before { content: "\ef1e" }.ti-volume:before { content: "\eb51" }.ti-volume-2:before { content: "\eb4f" }.ti-volume-3:before { content: "\eb50" }.ti-walk:before { content: "\ec87" }.ti-wallet:before { content: "\eb75" }.ti-wand:before { content: "\ebcb" }.ti-wave-saw-tool:before { content: "\ecd3" }.ti-wave-sine:before { content: "\ecd4" }.ti-wave-square:before { content: "\ecd5" }.ti-wifi:before { content: "\eb52" }.ti-wifi-0:before { content: "\eba3" }.ti-wifi-1:before { content: "\eba4" }.ti-wifi-2:before { content: "\eba5" }.ti-wifi-off:before { content: "\ecfa" }.ti-wind:before { content: "\ec34" }.ti-windmill:before { content: "\ed85" }.ti-window:before { content: "\ef06" }.ti-wiper:before { content: "\ecab" }.ti-wiper-wash:before { content: "\ecaa" }.ti-woman:before { content: "\eb53" }.ti-world:before { content: "\eb54" }.ti-world-latitude:before { content: "\ed2e" }.ti-world-longitude:before { content: "\ed2f" }.ti-wrecking-ball:before { content: "\ed97" }.ti-writing:before { content: "\ef08" }.ti-writing-sign:before { content: "\ef07" }.ti-x:before { content: "\eb55" }.ti-yin-yang:before { content: "\ec35" }.ti-zodiac-aquarius:before { content: "\ecac" }.ti-zodiac-aries:before { content: "\ecad" }.ti-zodiac-cancer:before { content: "\ecae" }.ti-zodiac-capricorn:before { content: "\ecaf" }.ti-zodiac-gemini:before { content: "\ecb0" }.ti-zodiac-leo:before { content: "\ecb1" }.ti-zodiac-libra:before { content: "\ecb2" }.ti-zodiac-pisces:before { content: "\ecb3" }.ti-zodiac-sagittarius:before { content: "\ecb4" }.ti-zodiac-scorpio:before { content: "\ecb5" }.ti-zodiac-taurus:before { content: "\ecb6" }.ti-zodiac-virgo:before { content: "\ecb7" }.ti-zoom-cancel:before { content: "\ec4d" }.ti-zoom-check:before { content: "\ef09" }.ti-zoom-in:before { content: "\eb56" }.ti-zoom-money:before { content: "\ef0a" }.ti-zoom-out:before { content: "\eb57" }.ti-zoom-question:before { content: "\edeb" }

Found

in path(s):

* /opt/cola/permits/1556219552_1675712591.1553657/0/freethinkel-yamux-v0-1-1-0-g502720e-1-tar-gz/freethinkel-yamux-502720e/src/assets/tabler-icons.min.css

No license file was found, but licenses were detected in source scan.

lockfileVersion: 5.3

specifiers:

'@sveltejs/vite-plugin-svelte': ^1.0.0-next.30

'@tauri-apps/api': ^1.0.0-beta.8

'@tauri-apps/cli': ^1.0.0-beta.10

'@tsconfig/svelte': ^2.0.1

'@types/crypto-js': ^4.1.0

'@types/node': ^12.0.0

axios: ^0.24.0

crypto-js: ^4.1.1

svelte: ^3.44.0

svelte-check: ^2.2.7

svelte-preprocess: ^4.9.8

tslib: ^2.3.1

typescript: ^4.4.4

vite: ^2.7.2

dependencies:

'@tauri-apps/api': 1.0.0-beta.8

'@types/node': 12.20.42

axios: 0.24.0

crypto-js: 4.1.1

devDependencies:

'@sveltejs/vite-plugin-svelte': 1.0.0-next.36_svelte@3.46.3+vite@2.7.13

'@tauri-apps/cli': 1.0.0-beta.10

'@tsconfig/svelte': 2.0.1

'@types/crypto-js': 4.1.0

svelte: 3.46.3

svelte-check: 2.3.0_svelte@3.46.3

svelte-preprocess: 4.10.2_svelte@3.46.3+typescript@4.5.5

tslib: 2.3.1

typescript: 4.5.5

vite: 2.7.13

packages:

/@nodelib/fs.scandir/2.1.5:

resolution: {integrity: sha512-vq24Bq3ym5HEQM2NKCrc3yXDwjc7vTsethRDnkp2DK9p1uqLR+DHurm/NOTo0KG7HYHU7eppKZj3MyqYuMBf62g==}

engines: {node: '>= 8'}

dependencies:

'@nodelib/fs.stat': 2.0.5

run-parallel: 1.2.0

dev: true

/@nodelib/fs.stat/2.0.5:

resolution: {integrity: sha512-RkhPPP2zrqDAQA/2jNhnztcPAlv64XdhIp7a7454A5ovI7Bukxgt7MX7udwAu3zg1DcpPU0rz3VV1SeaqvY4+A==}

engines: {node: '>= 8'}

dev: true

/@nodelib/fs.walk/1.2.8:

resolution: {integrity: sha512-oGB+UxlgWcgQkgwo8GcEGwemoTFt3FIO9ababBmaGwXIobKZ+GTy0pP185beGg7Llih/NSHSV2XAs1lnzocSg==}

engines: {node: '>= 8'}

dependencies:

'@nodelib/fs.scandir': 2.1.5

fastq: 1.13.0

dev: true

/@rollup/pluginutils/4.1.2:

resolution: {integrity: sha512-

R0n4qvKxP9SyPeHaf7uQC/GPFY6L/OWy9+bd9AwcjOAWQwxRscoEyAUD8qCY5o5iL4jqQwoLk2kaTKJPb/HwzQ==}

engines: {node: '>= 8.0.0'}

dependencies:

estree-walker: 2.0.2

picomatch: 2.3.1

dev: true

/@sindresorhus/is/0.14.0:

resolution: {integrity: sha512-

9NET910DNaIPngYnLLPeg+Ogzqsi9uM4mSboU5y6p8S5DzMTVEsJZrawi+BoDNUVBa2DhJqQYUFvMDfgU062LQ==}

engines: {node: '>=6'}

dev: true

/@sindresorhus/is/0.7.0:

resolution: {integrity: sha512-

ONhaKPIufzrINbqtWFFd+jlnemX6lJAgq9ZeiZtS7I1PIf/1a7CW4m83rTXRnVnsMbW2k56pGYu7AUFJD9Pow==}

engines: {node: '>=4'}

dev: true

/@sindresorhus/is/4.4.0:

resolution: {integrity: sha512-

QppPM/8l3Mawvh4rn9CNEYIU9bXpXUCRMAx9yUpvBk1nMKusLKpfXGDEKExKaPhLzcn3lzil7pR6rnJ11HgeRQ==}

engines: {node: '>=10'}

dev: true

/@sveltejs/vite-plugin-svelte/1.0.0-next.36_svelte@3.46.3+vite@2.7.13:

resolution: {integrity: sha512-

X7lTiioTGC3ri5M299fxc2dimuKU7f22zTXcmD+Nrf+fO9/b7YNfLeQQwWV7Tvv9REysMIR4G2HQF6+IY62p/Q==}

engines: {node: '^14.13.1 || >= 16'}

peerDependencies:

diff-match-patch: ^1.0.5

svelte: ^3.44.0

vite: ^2.7.0

peerDependenciesMeta:

diff-match-patch:

optional: true

dependencies:

'@rollup/pluginutils': 4.1.2

debug: 4.3.3

kleur: 4.1.4
magic-string: 0.25.7
svelte: 3.46.3
svelte-hmr: 0.14.9_svelte@3.46.3
vite: 2.7.13
transitivePeerDependencies:
- supports-color
dev: true

/@szmarczak/http-timer/1.1.2:
resolution: {integrity: sha512-XIB2XbzHTN6ieIjfIMV9hIVcfPU26s2vafYWQcZHWXHOxiaRZYEDKEwdl129Zyg50+foYV2jCgtrqSA6qNuNSA==}
engines: {node: '>=6'}
dependencies:
defer-to-connect: 1.1.3
dev: true

/@szmarczak/http-timer/4.0.6:
resolution: {integrity: sha512-4BAffykyOgO+5nzBWYwE3W90sBgLJoUPRWWcL8wlyiM8IB8ipJz3UMJ9KXQd1RKQXpKp8Tutn80HZtWsu2u76w==}
engines: {node: '>=10'}
dependencies:
defer-to-connect: 2.0.1
dev: true

/@tauri-apps/api/1.0.0-beta.8:
resolution: {integrity: sha512-a56lXB7XvQ4+fKtT0pxpkjTSKhyrQ1Vmjyvt2ox3mT9xw3l7s8IOKHJ1WuqW6TA6xdoy3Cyja3Z3prw8hflS7g==}
engines: {node: '>= 12.13.0', npm: '>= 6.6.0', yarn: '>= 1.19.1'}
dev: false

/@tauri-apps/cli/1.0.0-beta.10:
resolution: {integrity: sha512-T0cvV5Y5vCeEw6tQ7DfuGhXxe26AwW9i3oYT/AQZlwrLG9Xk02Pp0lKqd/WeddE3X/IFfSm8YMRCz3VEIIWQ==}
engines: {node: '>= 12.20.0', npm: '>= 6.6.0', yarn: '>= 1.19.1'}
hasBin: true
dependencies:
'@tauri-apps/toml': 2.2.4
chalk: 4.1.2
cross-env: 7.0.3
cross-spawn: 7.0.3
fs-extra: 10.0.0
global-agent: 3.0.0
got: 11.8.2

imagemin: 8.0.1
imagemin-optipng: 8.0.0
imagemin-zopfli: 7.0.0
inquirer: 8.1.2
is-png: 3.0.0
minimist: 1.2.5
ms: 2.1.3
png2icons: 2.0.1
read-chunk: 3.2.0
semver: 7.3.5
sharp: 0.28.3
update-notifier: 5.1.0
dev: true

/@tauri-apps/toml/2.2.4:

resolution: {integrity: sha512-NJV/pdgJObDIDWi5+MTHZ2qyNvdL0dlHqQ72nzQYXWbW1LHMPXgCJYI0pLqL1XxxLxtInYbtVCGVAcwhGxdkw==}
dev: true

/@tokenizer/token/0.3.0:

resolution: {integrity: sha512-OvjF+z51L3ov0OyAU0duzsYuvO01PH7x4t6DJx+guahgTnBHkhJdG7soQeTSFLWN3efnHyibZ4Z8I2EuWwJN3A==}
dev: true

/@tsconfig/svelte/2.0.1:

resolution: {integrity: sha512-aqkICXbM1oX5FfgZd2qSSAGdyo/NRxjWCamxoyi3T8iVQnzGge19HhDYzZ6NrVOW7bhcWNSq9XexWftMzbB24A==}
dev: true

/@types/cacheable-request/6.0.2:

resolution: {integrity: sha512-B3xVo+dlKM6nnKTcmm5ZtY/OL8bOAOd2Olee9M1zft65ox50OzjEHW91sDiU9j6cvW8Ejg1/Qkf4xd2kugApUA==}
dependencies:
 '@types/http-cache-semantics': 4.0.1
 '@types/keyv': 3.1.3
 '@types/node': 12.20.42
 '@types/responselike': 1.0.0
dev: true

/@types/crypto-js/4.1.0:

resolution: {integrity: sha512-DCFfy/vh2IG6qHSGezQ+Sn2Ulf/1Mx51dqOdmOKyW5nMK3maLlxeS3onC7r212OnBM2pBR95HkAmAjjF08YkxQ==}
dev: true

```
/@types/http-cache-semantics/4.0.1:
  resolution: {integrity: sha512-
SZs7ekbP8CN0txVG2xVRH6EgKmEm31BOxA07vkFaETzZz1xh+cbt8BcI0slpymvwhx5dlFnQG2rT1PVQn+iRPQ
==}
  dev: true
```

```
/@types/keyv/3.1.3:
  resolution: {integrity: sha512-
FXCJgyyN3ivVgRoml4h94G/p3kY+u/B86La+QptcqJaWtBWtmc6TtkNfS40n9bIvyLteHh7zXOtgbobORKPbDg=
=}
  dependencies:
```

```
'@types/node': 12.20.42
  dev: true
```

```
/@types/node/12.20.42:
  resolution: {integrity: sha512-
aI3/oo5DzyiI5R/xAhxxRzfZlWlsbbqdgxfTPkqu/Zt+23GXijvMCyPJT4+xKSXOnLqoL8jJYMLTwwK2M3a5hw==
}
```

```
/@types/pug/2.0.6:
  resolution: {integrity: sha512-
SnHmG9wN1UVmagJOnyo/qkk0Z7gejYxOYYmaAwr5u2yFYfsupN3sg10kyzN8Hep/2zbHxCnsumxOoRIRMBw
KCg==}
  dev: true
```

```
/@types/responselike/1.0.0:
  resolution: {integrity: sha512-
85Y2BjiufFzaMIlvJDvTTB8Fx12xfLo4HgmHzVBz08w4wDePCTjYw66PdrolO0kzli3yam/YCgRufyo1DdQVTA=
=}
  dependencies:
    '@types/node': 12.20.42
  dev: true
```

```
/@types/sass/1.43.1:
  resolution: {integrity: sha512-
BPdolt1lfJ6B7rw35ncdwBZrAssjcwzI5LByIrYs+tpXlj/CAkuVdRsgZDDp4lq5EjyWzwxZCqAoFyHKFwp32g==}
  dependencies:
    '@types/node': 12.20.42
  dev: true
```

```
/ansi-align/3.0.1:
  resolution: {integrity: sha512-
IOfwBF5iczOjP/WeY4YxyjqAFMQoZufdQWdd19SEExbVLNXqvpzSJ/M7Za4/sCPmQ0+GRquoA7bGcINcxe
w6w==}
  dependencies:
    string-width: 4.2.3
```

dev: true

/ansi-escapes/4.3.2:

resolution: {integrity: sha512-gKXj5ALrKWQLsYg9jlTRmR/xKluxHV+Z9QEwNIgCfM1/uwPMCuzVVnh5mwTd+OuBZcwSIMbqssNWRm11E51QaQ==}

engines: {node: '>=8'}

dependencies:

type-fest: 0.21.3

dev: true

/ansi-regex/2.1.1:

resolution: {integrity: sha1-w7M6te42DYbg5ijwRorn7yfWVN8=}

engines: {node: '>=0.10.0'}

dev: true

/ansi-regex/5.0.1:

resolution: {integrity: sha512-qJQXITSUGL2LH9SUXo8VwsY4soanhgo6LNSm84E1LBcE8s3O0wpdiRzyR9z/ZZJMIMWv37qOOB9pdJIMUEKFQ==}

engines: {node: '>=8'}

dev: true

/ansi-styles/2.2.1:

resolution: {integrity: sha1-tDLdM1i2NM914eRmQ2gkBTBPB3b4=}

engines: {node: '>=0.10.0'}

dev: true

/ansi-styles/4.3.0:

resolution: {integrity: sha512-zbB9rCJAAT1rbjiVDb2hqKFHNYLxgtk8NURxZ3IZwD3F6NtzbXZQCnnSi1Lkx+IDohdPIFp222wVALIheZJQSEg==}

engines: {node: '>=8'}

dependencies:

color-convert: 2.0.1

dev: true

/anymatch/3.1.2:

resolution: {integrity: sha512-P43ePfOAIupkguHUyrc4qJ9kz8ZiuOUijaETwX7THt0Y/GNK7v0aa8rY816xWjZ7rJdA5XdMcpVFTKMq+RvWg==}

engines: {node: '>= 8'}

dependencies:

normalize-path: 3.0.0

picomatch: 2.3.1

dev: true

/aproba/1.2.0:

```
resolution: {integrity: sha512-
Y9J6ZjXtoYh8RnXVCMOU/ttDmk1aBjunq9vO0ta5x85WDQIQfUF9sIPBITdbiiIVcBo03Hi3jMxigBtsddIXRw==
}
dev: true
```

```
/arch/2.2.0:
resolution: {integrity: sha512-
Of/R0wqp83cgHozfIYLbBMnej79U/SVG0OyuB3VVFv1NRM/PSFMK12x9KVtiYzJqmnU5WR2qp0Z5rHb7sW
GnFQ==}
dev: true
```

```
/archive-type/4.0.0:
resolution: {integrity: sha1-+S5yIzBW38aWIHJ0nCZ72wRrHXA=}
engines: {node: '>=4'}
dependencies:
  file-type: 4.4.0
dev: true
```

```
/are-we-there-yet/1.1.7:
resolution: {integrity: sha512-
nxwy40TuMiUGqMyRHgCSWZ9FM4VAoRP4xUYSTv5ImRog+h9yISpbVH7H8fASCIZYn9wlEv4zvFL7uKDM
CFQm3g==}
dependencies:
  delegates: 1.0.0
  readable-stream: 2.3.7
dev: true
```

```
/array-find-index/1.0.2:
resolution: {integrity: sha1-3wEKOSh+Fku9pvlyOwqWoexBh6E=}
engines: {node: '>=0.10.0'}

dev: true
```

```
/array-union/3.0.1:
resolution: {integrity: sha512-
1OvF9IbWwaeiM9VhzYXVQacMibxpXOMYVNIvMtKRYX9SImBXpKcFr8XvFDeEslCyH/t6KRt7HEO94AlP8
Iatw==}
engines: {node: '>=12'}
dev: true
```

```
/axios/0.24.0:
resolution: {integrity: sha512-
Q6cWsys88HoPgAaFAVUB0WpPk0O8iTeisR9IMqy9G8AbO4NlpVknrnQS03zzF9PGAWgO3cgletO3VjV/P7Vzt
A==}
dependencies:
  follow-redirects: 1.14.7
transitivePeerDependencies:
  - debug
```

dev: false

/balanced-match/1.0.2:

resolution: {integrity: sha512-3oSeUO0TMV67hN1AmbXsK4yaqU7tjiHlbrRDZOpH0KW9+CeX4bRAaX0Anxt0tx2MrpRpWwQaPwIIISEJhYU5Pw==}
dev: true

/base64-js/1.5.1:

resolution: {integrity: sha512-AKpaYlHn8t4SVbOHCy+b5+KKgvR4vrsD8vbvrbiQJps7fKDTkjkDry6ji0rUJjC0kzbNePLwzxq8iypo41qeWA==}
dev: true

/bin-build/3.0.0:

resolution: {integrity: sha512-jeUOof71/TNAI2uM5uoUaDq2ePcVBQ3R/qhxAz1rX7UfvduAL/RXD3jXzvn8cVcDJdGVkiR1shal3OH0ImpuhA==}
engines: {node: '>=4'}
dependencies:
decompress: 4.2.1

download: 6.2.5

execa: 0.7.0

p-map-series: 1.0.0

tempfile: 2.0.0

dev: true

/bin-check/4.1.0:

resolution: {integrity: sha512-b6weQyEUKsDGFIAcWSIOfveEnImkJyK/FGW6FAG42loyoquvjdIOIqO6yBFzHyqyVVhNgNkQxxx09SFLK28YnA==}
engines: {node: '>=4'}
dependencies:
execa: 0.7.0
executable: 4.1.1
dev: true

/bin-version-check/4.0.0:

resolution: {integrity: sha512-sR631OrhC+1f8Cvs8WYVWOA33Y8tgwjETNPpyD/myRBXLkfS/vl74FmH/IFcR19KY3zwGh7jFhvyk9vV3/3ilQ==}
engines: {node: '>=6'}
dependencies:
bin-version: 3.1.0
semver: 5.7.1
semver-truncate: 1.1.2
dev: true

/bin-version/3.1.0:
resolution: {integrity: sha512-Mkfm4iE1VFt4xd4vH+gx+0/71esbfus2LsnCGe8Pi4mndSPyT+NGES/Eg99jx8/UGWfu3z2yuB/bt5UB+iVbQ==}
engines: {node: '>=6'}
dependencies:
 execa: 1.0.0
 find-versions: 3.2.0
dev: true

/bin-wrapper/4.1.0:
resolution: {integrity: sha512-hfRmo7hWIXPkbpi0ZltboCMVrU+0CIXR/JgbCKKjIDjQf6igXa7OwdqNcFWQZPZTgiY7ZpzE3+LjjkLiTN2T7Q==}
engines: {node: '>=6'}
dependencies:
 bin-check: 4.1.0
 bin-version-check: 4.0.0
 download: 7.1.0
 import-lazy: 3.1.0
 os-filter-obj: 2.0.0
 pify: 4.0.1
dev: true

/binary-extensions/2.2.0:
resolution: {integrity: sha512-jDctJ/IVQbZoJykoeHbhXpOINBqGNcwXJKJog42E5HDPUwQTSdjCHdihj0DInheQ7blbT6dHOafNAiS8ooQKA==}
engines: {node: '>=8'}
dev: true

/bl/1.2.3:
resolution: {integrity: sha512-pvcNpa0UU69UT341rO6AYy4FVAIkUHuZXRIWbq+zHnsVcRzDDjIAhGuuYoi0d//cwIwtt4pkpKycWEfjdV+vw==}
dependencies:
 readable-stream: 2.3.7
 safe-buffer: 5.2.1
dev: true

/bl/4.1.0:
resolution: {integrity: sha512-1W07cM9gS6DcLperZfFSj+bWLtaPGSOHWhPiGzXmvVJbRLdG82sH/Kn8EtW1VqWVA54AKf2h5k5BbnIbwF3h6w==}
dependencies:
 buffer: 5.7.1
 inherits: 2.0.4
 readable-stream: 3.6.0
dev: true

```
/boolean/3.1.4:  
  resolution: {integrity: sha512-3hx0kwU3uzG6ReQ3pnaFQPSktpBw6RHN3/ivDKEuU8g1XSsafowyvDnadjv1xp8IZqhtSukx1wv9bF6FhX8m0w=  
=}  
  dev: true
```

```
/boxen/5.1.2:  
  resolution: {integrity: sha512-9gYgQKXx+1nP8mP7CzFyaUARhg7D3n1dF/FnErWmu9l6JvGpNUN278h0aSb+QjoiKSWG+iZ3uHrcqk0qrY9R  
QQ==}  
  engines: {node: '>=10'}  
  dependencies:  
    ansi-align: 3.0.1  
    camelcase: 6.3.0  
    chalk: 4.1.2  
    cli-boxes: 2.2.1  
    string-width: 4.2.3  
    type-fest: 0.20.2  
    widest-line: 3.1.0  
    wrap-ansi: 7.0.0  
  dev: true
```

```
/brace-expansion/1.1.11:  
  resolution: {integrity: sha512-iCuPHDFgrHX7H2vEI/5xpz07zSHB00TpugqhmYtVmMO6518mCuRMoOYFldeEB10g187ufozdaHgWKcYFb61q  
GiA==}  
  dependencies:  
    balanced-match: 1.0.2  
    concat-map: 0.0.1  
  dev: true
```

```
/braces/3.0.2:  
  resolution: {integrity: sha512-b8um+L1RzM3WDSzvhm6gIz1yfTbBt6YTlcEKAvsmqCZZFw46z626lVj9j1yEPW33H5H+IBQpZMP1k8l+78Ha  
0A==}  
  engines: {node: '>=8'}  
  dependencies:  
    fill-range: 7.0.1  
  dev: true
```

```
/buffer-alloc-unsafe/1.1.0:  
  resolution: {integrity: sha512-TEM2iMIEQdJ2yjPJoSIsldnleVaAk1oW3DBVUykyOLsEsFmEc9kn+SFFPz+g154KQNxlDnAwCXosOS9Okx2xA  
g==}  
  dev: true
```

```
/buffer-alloc/1.2.0:
```

```
resolution: {integrity: sha512-
CFsHQgjtW1UChdXgbyJGtnm+O/uLQeZdtbDo8mfUgYXCHSM1wgrVxXm6bSyrUuErEb+4sYVGCzASBRot7z
yrow==}
dependencies:
  buffer-alloc-unsafe: 1.1.0
  buffer-fill: 1.0.0
dev: true

/buffer-crc32/0.2.13:
resolution: {integrity: sha1-DTM+PwDqxQqhRUq9MO+MKl2ackI=}
dev: true

/buffer-fill/1.0.0:
resolution: {integrity: sha1--PeLdniYiO858gXNY39o5wISKyw=}
dev: true

/buffer/5.7.1:
resolution: {integrity: sha512-
EHcyIPBQ4BSGlvjB16k5KgAJ27CIsHY/2JBmCRRReo48y9rQ3MaUzWX3KVIBa4U7MyX02HdVj0K7C3WaB3ju
7FQ==}
dependencies:
  base64-js: 1.5.1
  ieee754: 1.2.1
dev: true

/cacheable-lookup/5.0.4:
resolution: {integrity: sha512-
2/kNscPhpcxrOigMZzbiWF7dz8ilhb/nIHU3EyZiXWXpeq/au8qJ8VhdfMkty3n7Gj6HIGalQG8oiBNB3AJgA==}
engines: {node: '>=10.6.0'}
dev: true

/cacheable-request/2.1.4:
resolution: {integrity: sha1-DYCIAbY0KtM8kd+dC0TcCbkeXD0=}
dependencies:
  clone-response: 1.0.2
  get-stream: 3.0.0
  http-cache-semantics: 3.8.1
  keyv: 3.0.0
  lowercase-keys: 1.0.0
  normalize-url: 2.0.1
  responselike: 1.0.2
dev: true

/cacheable-request/6.1.0:
resolution: {integrity: sha512-
Oj3cAGPCqOZX7Rz64Uny2GYAZNliQSqfbcPrgAQ1wKAihYmCUnraBtJtKcGR4xz7wF+LoJC+ssFZvv5BgF9Ig
g==}
engines: {node: '>=8'}
```

dependencies:

clone-response: 1.0.2
get-stream: 5.2.0
http-cache-semantics: 4.1.0
keyv: 3.1.0
lowercase-keys: 2.0.0
normalize-url: 4.5.1
responselike: 1.0.2
dev: true

/cacheable-request/7.0.2:

resolution: {integrity: sha512-pouW8/FmiPQbuGpkXQ9BAPv/Mo5xDGANgSNXzTzJ8DrKGuXOssM4wIQRjfanNRh3Yu5cfYPvcorqbhg2KIJtew==}
engines: {node: '>=8'}
dependencies:
clone-response: 1.0.2
get-stream: 5.2.0
http-cache-semantics: 4.1.0
keyv: 4.0.5
lowercase-keys: 2.0.0
normalize-url: 6.1.0
responselike: 2.0.0
dev: true

/callsites/3.1.0:

resolution: {integrity: sha512-P8BjAsXvZS+VIDUI11hHCQEv74YT67YUi5JJFNWIqL235sBmjX4+qx9Muvls5ivyNENctx46xQLQ3aTuE7ssaQ==}
engines: {node: '>=6'}
dev: true

/camelcase-keys/2.1.0:

resolution: {integrity: sha1-MIvur/3ygRkFHvodkyITyRuPkuc=}
engines: {node: '>=0.10.0'}
dependencies:
camelcase: 2.1.1
map-obj: 1.0.1
dev: true

/camelcase/2.1.1:

resolution: {integrity: sha1-fB0W1nmhu+WcoCys7PsBHiAfWh8=}
engines: {node: '>=0.10.0'}
dev: true

/camelcase/6.3.0:

resolution: {integrity: sha512-Gmy6FhY1CY7uOEIzUSbxo2UCDH8owEk996gkbrpsgGtrJLM3J7jGx19Ic7Qwwj4ivOE5AWZWRMecDdF7hqGj

```
FA==}
  engines: {node: '>=10'}
  dev: true

/caw/2.0.1:
  resolution: {integrity: sha512-
Cg8/ZSBEa8ZVY9HspcGUYaK63d/bN7rqS3CYCzEGUxuYv6UImcjdUz2fCFFHyTvUW5Pk0I+3hkA3iXlIj6gu
A==}
  engines: {node: '>=4'}
  dependencies:
    get-proxy: 2.1.0
    isurl: 1.0.0
    tunnel-agent: 0.6.0
    url-to-options: 1.0.1
  dev: true

/chalk/1.1.3:
  resolution: {integrity: sha1-qBFcVeSnAv5NFQq9OHKCKn4J/Jg=}
  engines: {node: '>=0.10.0'}
  dependencies:
    ansi-styles: 2.2.1
    escape-string-regexp: 1.0.5
    has-ansi: 2.0.0
    strip-ansi: 3.0.1
    supports-color: 2.0.0
  dev: true

/chalk/4.1.2:
  resolution: {integrity: sha512-
oKnbhFyRiXpUuez8iBMmyEa4nbj4IOQyuhc/wy9kY7/WVPcwIO9VA668Pu8Rk07+0G76SLROeyw9CpQ061i4
mA==}
  engines: {node: '>=10'}
  dependencies:
    ansi-styles: 4.3.0
    supports-color: 7.2.0
  dev: true

/chardet/0.7.0:
  resolution: {integrity: sha512-
mT8iDcrh03qDGRRmoA2hmBJnxplIMR+0/0qlzjqZES6NdiWDcZkCNAk4rPFZ9Q85r27unkiNng8ZOiwZXBHw
cA==}
  dev: true

/chokidar/3.5.3:
  resolution: {integrity: sha512-
Dr3sfKRP6oTcjf2JmUmFJfeVMvXBdegxB0iVQ5eb2V10uFJUCAS8OByZdVAyVb8xXNz3GjjTgj9kLWsZTqE6
kw==}
  engines: {node: '>= 8.10.0'}
```

dependencies:

anymatch: 3.1.2

braces: 3.0.2

glob-parent: 5.1.2

is-binary-path: 2.1.0

is-glob: 4.0.3

normalize-path: 3.0.0

readdirp: 3.6.0

optionalDependencies:

fsevents: 2.3.2

dev: true

/chownr/1.1.4:

resolution: {integrity: sha512-

jJ0bqzaylmJtVnNgzTeSOs8DPavpbYgEr/b0YL8/2GO3xJEhInFmhKMUnEJQjZumK7KXGFhUy89PrsJWlakBVg
==}

dev: true

/ci-info/2.0.0:

resolution: {integrity: sha512-

5tK7EtrZ0N+OLFMthtqOj4fi2Jeb88C4CAZPu25LDVUgXJ0A3Js4PMGqrm0JU1W0Mh1/Z8wZzYPxqUrXeBboC
Q==}

dev: true

/cli-boxes/2.2.1:

resolution: {integrity: sha512-

y4coMcyIlgSCdVinjiDBuR8PCC2bLjyGTwEmPb9NHR/QaNU6EUOXcTY/s6VjGMD6ENSEaeQYHCY0GNGS5j
fMwPw==}

engines: {node: '>=6'}

dev: true

/cli-cursor/3.1.0:

resolution: {integrity: sha512-

I/zHAwsKf9FqGoXM4WWRACob9+SNukZTd94DWF57E4toouRulbCxcUh6RKUEOQIYTHJnzkPMysvPNaaSL
NfLZw==}

engines: {node: '>=8'}

dependencies:

restore-cursor: 3.1.0

dev: true

/cli-spinners/2.6.1:

resolution: {integrity: sha512-

x/5fWmGMnbKQAaNwN+UZIV79qBLM9JFnJuJ03gLi5whrob0xV0ofNVHy9DhwGdsMJQc2OKv0oGmLzvaqvA
Vv+g==}

engines: {node: '>=6'}

dev: true

/cli-width/3.0.0:
resolution: {integrity: sha512-FxqpkPPwu1HjuN93Omf4h8uIanXofW0RxVEW3k5RKx+mJJYSthzNhp32Kzxy3YAEZ/Dc/EWN1vZRY0+kO
hbw==}
engines: {node: '>= 10'}
dev: true

/clone-response/1.0.2:
resolution: {integrity: sha1-0dyXOSAxFtZ/vrICI7TuNQI56Ws=}
dependencies:
mimic-response: 1.0.1
dev: true

/clone/1.0.4:
resolution: {integrity: sha1-2jCcwmpPfZlMaIypAheco8fNfH4=}
engines: {node: '>=0.8'}
dev: true

/code-point-at/1.1.0:
resolution: {integrity: sha1-DQcLTQQ6W+ozovGkDi7bPZpMz3c=}
engines: {node: '>=0.10.0'}
dev: true

/color-convert/1.9.3:
resolution: {integrity: sha512-QfAUtd+vFdAtFQcC8CCyYt1fYWxSqAiK2cSD6zDB8N3cpsEBAvRxp9zOGg6G/SHHJYAT88/az/IuDGALsNV
bGg==}
dependencies:
color-name: 1.1.3
dev: true

/color-convert/2.0.1:
resolution: {integrity: sha512-RRECPsj7iu/xb5oKYcsFHSppFNnsj/52OVTRKb4zP5onXwVF3zVmmToNcOfGC+CRDpfK/U584fMg38ZHCaEl
KQ==}
engines: {node: '>=7.0.0'}
dependencies:
color-name: 1.1.4
dev: true

/color-name/1.1.3:
resolution: {integrity: sha1-p9BVi9icQveV3UIy3QIMcpTvCU=}
dev: true

/color-name/1.1.4:
resolution: {integrity: sha512-dOy+3AuW3a2wNbZHIuMZpTcgjGuLU/uBL/ubcZF9OXbDo8ff4O8yVp5Bf0efS8uEoYo5q4Fx7dY9OgQGAgAs
QA==}

dev: true

/color-string/1.9.0:

resolution: {integrity: sha512-9Mrz2AQLefkH1UvASKj6v6hj/7eWginT/cVsR8CumieLoT+g900exWeNogqtweI8dxloXN9BDQTYro1oWu/5CQ==}
dependencies:
 color-name: 1.1.4
 simple-swizzle: 0.2.2
dev: true

/color/3.2.1:

resolution: {integrity: sha512-aB17dZI9ENN6fUGC7mWpMTPNHmWUSNan9tuWN6ahh5ZLNk9baLJOnSMlrQkHcrfFgz2/RigjUVAjdx36VcemKA==}
dependencies:
 color-convert: 1.9.3
 color-string: 1.9.0
dev: true

/commander/2.20.3:

resolution: {integrity: sha512-GpVkmM8vF2vQUkj2LvZmD35JxeJOLCwJ9cUkugyk2nuhbv3+mJvpLYYt+0+USMxE+oj+ey/IJEnhZw75x/OMcQ==}
dev: true

/concat-map/0.0.1:

resolution: {integrity: sha1-2Klr13/Wjfd5OnMDajug1UBdR3s=}
dev: true

/config-chain/1.1.13:

resolution: {integrity: sha512-qj+f8APARXhrM0hraQXYb2/bOVSV4PvJQINZ/DVj0QrmNM2q2euizkeuVckQ57J+W0mRH6Hvi+k50M4Jul2VRQ==}
dependencies:
 ini: 1.3.8
 proto-list: 1.2.4
dev: true

/configstore/5.0.1:

resolution: {integrity: sha512-aMKprgk5YhBNyH25hj8wGt2+D52Sw1DRRIzqBwLp2Ya9mFmY8KPvvtvmna8SxVR9JmZ4kzMD68N22vlaRpkeFA==}
engines: {node: '>=8'}
dependencies:
 dot-prop: 5.3.0
 graceful-fs: 4.2.9
 make-dir: 3.1.0

unique-string: 2.0.0
write-file-atomic: 3.0.3
xdg-basedir: 4.0.0
dev: true

/console-control-strings/1.1.0:
resolution: {integrity: sha1-PXz0Rk22RG6mRL9LOVB/mFEAjo4=} }
dev: true

/console-stream/0.1.1:
resolution: {integrity: sha1-oJX+B7IEZZVfL6/Si11yvM2UnUQ=} }
dev: true

/content-disposition/0.5.4:
resolution: {integrity: sha512-FveZTNuGw04cx1AiWbzi6zTAL/lhehaWbTtgluJh4/E95DqMwTmha3KZN1aAWA8cFIhHzMZUvLevw5Rqk+tSQ==} }
engines: {node: '>= 0.6'}
dependencies:
 safe-buffer: 5.2.1
dev: true

/core-util-is/1.0.3:
resolution: {integrity: sha512-QBvi1DcpJ4GDqanjucZ2Hj3wEO5pZDS89BWbkcrvdXksJorwUDDZamX9ldFkp9aw2lmBDLgkObEA4DWNJ9FYQ==} }
dev: true

/cross-env/7.0.3:
resolution: {integrity: sha512-+HKd6EgcQCJGh2PSjZuUitQBQynKor4wrFbRg4DtAgS1aWO+gU52xpH7M9ScGgXSYmAVS9bIJ8EzuaGw0oNAw==} }
engines: {node: '>=10.14', npm: '>=6', yarn: '>=1'}
hasBin: true
dependencies:
 cross-spawn: 7.0.3
dev: true

/cross-spawn/5.1.0:
resolution: {integrity: sha1-6L0O/uWPz/b4+UUQoKVUu/ojVEk=} }
dependencies:
 lru-cache: 4.1.5
 shebang-command: 1.2.0
 which: 1.3.1
dev: true

/cross-spawn/6.0.5:
resolution: {integrity: sha512-

```
eTVLrBSt7fjbDygz805pMnstIs2VTBNkRm0qxZd+M7A5XDdxVRWO5MxGBXZjhY4cqLYLdtrGqRf8mBPmzw
SpWQ==}
  engines: {node: '>=4.8'}
  dependencies:
    nice-try: 1.0.5
    path-key:
      2.0.1
        semver: 5.7.1
        shebang-command: 1.2.0
        which: 1.3.1
    dev: true

/cross-spawn/7.0.3:
  resolution: {integrity: sha512-
iRDPJKUPVEND7dHPO8rkbOnPpyDygcDFtWjpeWNCgy8WP2rXcxXL8TskReQl6OrB2G7+UJrags1q15Fudc7G
6w==}
  engines: {node: '>= 8'}
  dependencies:
    path-key: 3.1.1
    shebang-command: 2.0.0
    which: 2.0.2
  dev: true

/crypto-js/4.1.1:
  resolution: {integrity: sha512-
o2JIM7ydqd3Qk9CA0L4NL6mTzU2sdx96a+oOfPu8Mkl/PK51vSyois/rQ8NknZtk44vq15lhmAj9CIAGwgeWKw=
=}
  dev: false

/crypto-random-string/2.0.0:
  resolution: {integrity: sha512-
v1pIID3y9r/1PhviJ1wrXpLeyUIGAZ2SHNYTEapm7/8A9nLPoyvVp3RK/EPFqn5kEznyWgYZNsRtYYIWbuG8K
A==}
  engines: {node: '>=8'}
  dev: true

/currently-unhandled/0.4.1:
  resolution: {integrity: sha1-mI3zP+qxke95mmE2nddsF635V+o=}
  engines: {node: '>=0.10.0'}
  dependencies:
    array-find-index: 1.0.2
  dev: true

/debug/4.3.3:
  resolution: {integrity: sha512-
/zxw5+vh1Tfv+4Qn7a5nsbcJKPaSvCDhojn6FEI9vupwK2VCSDtEiEtqr8DFtzYFODz63LBkxec7DYuc2jon6Q==}
  engines: {node: '>=6.0'}
  peerDependencies:
```

```
  supports-color: '*'
peerDependenciesMeta:
  supports-color:
    optional: true
dependencies:
  ms: 2.1.2
dev: true

/decamelize/1.2.0:
  resolution: {integrity: sha1-9lNNFRSCabIDUue+4m9QH5oZEpA=}
  engines: {node: '>=0.10.0'}
  dev: true

/decode-uri-component/0.2.0:
  resolution: {integrity: sha1-6zkTMzRYd1y4TNGh+uBiEGu4dUU=}
  engines: {node: '>=0.10'}
  dev: true

/decompress-response/3.3.0:
  resolution: {integrity: sha1-gKTMjdIOEv6JICDYirt7Jgq3/M=}
  engines: {node: '>=4'}
  dependencies:
    mimic-response: 1.0.1
  dev: true

/decompress-response/4.2.1:
  resolution: {integrity: sha512-jOSne2qbyE+/r8G1VU+G/82LBs2Fs4LAsTiLSHOCOMZQl2OKZ6i8i4IyHemTe+/yIXOtTcRQMzPcgyhoFlqPkw
  == }
  engines: {node: '>=8'}
  dependencies:
    mimic-response: 2.1.0
  dev: true

/decompress-response/6.0.0:
  resolution: {integrity:
  sha512-
  aW35yZM6Bb/4oJlZncMH2LCoZtJXTRxES17vE3hoRiowU2kWHaJKFkSBDnDR+cm9J+9QhXmREyIfv0pji9ej
  CQ== }
  engines: {node: '>=10'}
  dependencies:
    mimic-response: 3.1.0
  dev: true

/decompress-tar/4.1.1:
  resolution: {integrity: sha512-
  JdJMaCrGpB5fESVyxwpCx4Jdj2AagLmv3y58Qy4GE6HmVjWz1FeVQk1Ct4Kye7PftcdOo/7U7UKzYBJgqnGe
  UQ== }
```

engines: {node: '>=4'}

dependencies:

file-type: 5.2.0

is-stream: 1.1.0

tar-stream: 1.6.2

dev: true

/decompress-tarbz2/4.1.1:

resolution: {integrity: sha512-s88xLzf1r81ICXLA VQVzaN6ZmX4A6U4z2nMbOwobxkLoIfjVMBg7TeguTUXkKeXni795B6y5rnvDw7rxhAq9A==}

engines: {node: '>=4'}

dependencies:

decompress-tar: 4.1.1

file-type: 6.2.0

is-stream: 1.1.0

seek-bzip: 1.0.6

unzip2-stream: 1.4.3

dev: true

/decompress-targz/4.1.1:

resolution: {integrity: sha512-4z81Znfr6chWnRDNfFNqLwPvm4db3WuZkqV+UgXQzSngG3CEKdBkw5jrv3axjjL96glyiiKjsxJG3X6WBZwX3w==}

engines: {node: '>=4'}

dependencies:

decompress-tar: 4.1.1

file-type: 5.2.0

is-stream: 1.1.0

dev: true

/decompress-unzip/4.0.1:

resolution: {integrity: sha1-3qrM39FK6vhVePczroIQ+bSEj2k=}

engines: {node: '>=4'}

dependencies:

file-type: 3.9.0

get-stream: 2.3.1

pify: 2.3.0

yauzl: 2.10.0

dev: true

/decompress/4.2.1:

resolution: {integrity: sha512-e48kc2IjU+2Zw8cTb6VZcJQ3lgVbS4uuB1TfCHbiZIP/haNXm+SVyhu+87jts5/3ROpd82GSVCoNs/z814ZOaQ==}

engines: {node: '>=4'}

dependencies:

decompress-tar: 4.1.1

decompress-tarbz2: 4.1.1

decompress-targz: 4.1.1
decompress-unzip: 4.0.1
graceful-fs: 4.2.9
make-dir: 1.3.0
pify: 2.3.0
strip-dirs: 2.1.0
dev: true

/deep-extend/0.6.0:
resolution: {integrity: sha512-
LOHxIOaPYdHIJRtCQfDIVZtfw/ufM8+rVj649RIHzcm/vGwQRXFt6OPqIFWsm2XEMrNIEtWR64sY1LEKD2v
AOA==}
engines: {node: '>=4.0.0'}
dev: true

/defaults/1.0.3:
resolution: {integrity: sha1-xlYFHpgX2f8I7YgUd/P+QBnz730=
dependencies:
clone: 1.0.4
dev: true

/defer-to-connect/1.1.3:
resolution: {integrity: sha512-
OISdNousHvZT2EiFiZeZAHBUvSxmKswVCEf8hW7KWgG4a8MVEu/3Vb6uWYozkjlyCxe0JBIiRB1jV45S70
WVQ==}
dev: true

/defer-to-connect/2.0.1:
resolution: {integrity: sha512-
4tvttpeXG1VaYGrRibk5EwJd1t4udunSOVMdLSAL6mId1ix438oPwPZMALY41FCijukO1L0twNcGsdzS7dHgDg
==}
engines: {node: '>=10'}
dev: true

/define-properties/1.1.3:
resolution: {integrity: sha512-
3MqfYKj2lLzdMSf8ZIZE/V+Zuy+Bgd6f164e8K2w7dgnpKArBDerGYpM46IYYcjkndPNMjPk9A6VFB8+3SKl
XQ==}
engines: {node: '>= 0.4'}
dependencies:
object-keys: 1.1.1
dev: true

/delegates/1.0.0:
resolution: {integrity: sha1-hMbhwBgZBP3KwADvRM2HDTEID5o=
dev: true

/detect-indent/6.1.0:

```
  resolution: {integrity: sha512-
reYkTUJAZb9gUuZ2RvVCNhVHdg62RHnJ7WJl8ftMi4diZ6NWlciOzQN88pUhSELEwflJht4oQDv0F0BmlwaYt
A==}
  engines: {node: '>=8'}
  dev: true

/detect-libc/1.0.3:
  resolution:
{integrity: sha1-+hN8S9aY7fVc1c0CrFWfkaTEups=}
  engines: {node: '>=0.10'}
  hasBin: true
  dev: true

/detect-node/2.1.0:
  resolution: {integrity: sha512-
T0NIuQpnTvFDATNuHN5roPwSBG83rFsuO+MXXH9/3N1eFbn4wcPjttvjMLEPWJ0RGUYgQE7cGgS3tNxbqC
GM7g==}
  dev: true

/dir-glob/3.0.1:
  resolution: {integrity: sha512-
WkrWp9GR4KXfKGYzOLmTuGVi1UWFfws377n9cc55/tb6DuqyF6pcQ5AbiHEshaDpY9v6oaSr2XCdidGmMw
dzIA==}
  engines: {node: '>=8'}
  dependencies:
    path-type: 4.0.0
  dev: true

/dot-prop/5.3.0:
  resolution: {integrity: sha512-
QM8q3zDe58hqUqjiraQOmzZ1LIH9SWQJTIEKCH4kJ2oQvLZk7RbQXvtDM2XEq3fwkV9CCvvH4LA0AV+ogF
sBM2Q==}
  engines: {node: '>=8'}
  dependencies:
    is-obj: 2.0.0
  dev: true

/download/6.2.5:
  resolution: {integrity: sha512-
DpO9K1sXAST8Cpzb7kmEhogJxymyVUd5qz/vCOSyvwtp2Klj2XcDt5YUuasgka44SxF0q5RriKIwJmQHG2Au
A==}
  engines: {node: '>=4'}
  dependencies:
    caw: 2.0.1
    content-disposition: 0.5.4
    decompress: 4.2.1
    ext-name:
```

5.0.0

file-type: 5.2.0
filenamify: 2.1.0
get-stream: 3.0.0
got: 7.1.0
make-dir: 1.3.0
p-event: 1.3.0
pify: 3.0.0
dev: true

/download/7.1.0:

resolution: {integrity: sha512-xqnBTVd/E+GxJVrX5/eUJiLYjCGPwMpdL+jGhGU57BvtcA7wwhtHVbXBeUk51kOpW3S7Jn3BQbN9Q1R1Km2qDQ==}
engines: {node: '>=6'}
dependencies:
archive-type: 4.0.0
caw: 2.0.1
content-disposition: 0.5.4
decompress: 4.2.1
ext-name: 5.0.0
file-type: 8.1.0
filenamify: 2.1.0
get-stream: 3.0.0
got: 8.3.2
make-dir: 1.3.0
p-event: 2.3.1
pify: 3.0.0
dev: true

/duplexer3/0.1.4:

resolution: {integrity: sha1-7gHdHKwO08vH/b6jfcCo8c4ALOI=}
dev: true

/emoji-regex/8.0.0:

resolution: {integrity: sha512-MSjYzcWNOA0ewAHpz0MxpYFvwg6yjy1NG3xteoqz644VCo/RPgnr1/GGt+ic3iJTzQ8Eu3TdM14SawnVUmGE6A==}
dev: true

/end-of-stream/1.4.4:

resolution: {integrity: sha512+uw1inIHVPQoaVuHzRyXd21icM+cnt4CzD5rW+NC1wjOUSTOs+Te7FOv7AhN7vS9x/oIyhLP5PR1H+phQAHu5Q==}
dependencies:
once: 1.4.0
dev: true

/error-ex/1.3.2:
resolution: {integrity: sha512-7dFHNmqeFSEt2ZBsCriorKnn3Z2pj+fd9kmI6QoWw4//DL+icEBfc0U7qJCisqrTsKTjw4fNFy2pW9OqStD84g==}
dependencies:
 is-arrayish: 0.2.1
dev: true

/es6-error/4.1.1:
resolution: {integrity: sha512-Um/+FxmR9CISWh0bi5Zv0iOD+4cFh5qLeks1qhAopKVAJw3drgKbKySikp7wGhDL0HPeaja0P5ULZrxLkniUVg==}
dev: true

/es6-promise/3.3.1:
resolution: {integrity: sha1-oIzd6EzNvzTQJ6FFG8kdS80ophM=}
dev: true

/esbuild-android-arm64/0.13.15:
resolution: {integrity: sha512-m602nft/XXeO8YQPUDVoHfjyRVPdPgjyyXOxZ44MK/agewFFkPa8tUo6lAzSWH5Ui5PB4KR9UIFTSBKh/RrCmg==}
cpu: [arm64]
os: [android]
requiresBuild: true
dev: true
optional: true

/esbuild-darwin-64/0.13.15:
resolution: {integrity: sha512-ihOQRGs2yyp7t5bArCwnvn2Atr6X4axqPpEdCFPVp7iUj4cVSdisgvEKdNR7yH3JDjW6aQDw40iQFoTqejqxvQ==}
cpu: [x64]
os: [darwin]
requiresBuild: true
dev: true
optional: true

/esbuild-darwin-arm64/0.13.15:
resolution: {integrity: sha512-i1FZssTVxUqNIJ6cBTj5YQj4imWy3m49RZRnHhLpefFIh0To05ow9DTrXROTE1urGTQClO FUXTX8QfGJy1P8dQ==}
cpu: [arm64]
os: [darwin]
requiresBuild: true
dev: true
optional: true

/esbuild-freebsd-64/0.13.15:

resolution: {integrity: sha512-G3dLBXUI6lC6Z09/x+WtXBxB0YQZ0E8TDBqvn7aMaOCzryJs8LyVXKY4CPnHFXZAbSwkCbqiPuSQ1+HhrNk7EA==}

cpu: [x64]
os: [freebsd]
requiresBuild: true
dev: true
optional: true

/esbuild-freebsd-arm64/0.13.15:
resolution: {integrity: sha512-KJx0fzEDf1uhNOZQStV4ujg30WlnwqUASaGSFPhznLM/bbheu9HhqZ6mJJZM32lkyfGJikw0jg7v3S0oAvtvQQ==}

cpu: [arm64]
os: [freebsd]
requiresBuild: true
dev: true
optional: true

/esbuild-linux-32/0.13.15:
resolution: {integrity: sha512-ZvTBPk0YWCLMCXiFmD5EUtB30zIPvC5Itxz0mdTu/xZBbbHJftQgLWY49wEPSn2T/TxahYCRDWun5smRa0Tu+g==}

cpu: [ia32]
os: [linux]
requiresBuild: true
dev: true
optional: true

/esbuild-linux-64/0.13.15:
resolution: {integrity: sha512-eCKzkNSLywNeQTRBxJRQ0jxRCI2YWdMB3+PkWFo2BBQYC5mISLIVijThNtn6HUNqua1pnvgP5xX0nHbZbPj5oA==}

cpu: [x64]
os: [linux]
requiresBuild: true
dev: true
optional: true

/esbuild-linux-arm/0.13.15:
resolution: {integrity: sha512-wUHttDi/ol0tD8ZgUMDH8Ef7IbDX+/UsWJOXaAyTdkT7Yy9ZBqPg8bgB/Dn3CZ9SBpNieozrPRHm0BGww7W/jA==}

cpu: [arm]
os: [linux]
requiresBuild: true
dev: true
optional: true

```
/esbuild-linux-arm64/0.13.15:  
  resolution: {integrity: sha512-  
bYpuUIN6qYU9slzr/ltYLTR9YTBS7qUDymO8SV7kjeNext61OdmqFAzuVZom+OLW1HPHseBfJ/JfdSlx8oTUoA  
==}  
  cpu: [arm64]  
  os: [linux]  
  requiresBuild: true  
  dev: true  
  optional: true
```

```
/esbuild-linux-mips64le/0.13.15:  
  resolution: {integrity: sha512-  
KIVjIG828uFPyJkO/8gKwy9RbXhCEUeFsCGOJBepUlpa7G8/SeZgncUEz/tOOUJTcWMTmFMtdd3GEIGyAtbS  
Wg==}  
  cpu: [mips64le]  
  os: [linux]  
  requiresBuild:  
true  
  dev: true  
  optional: true
```

```
/esbuild-linux-ppc64le/0.13.15:  
  resolution: {integrity: sha512-  
h6gYF+OsaqEuBjeesTBtUPw0bmiDu7eAeuc2OEh9S6mV9/jPhPdhOWzdeshb0BskRZxPhxPOjqZ+/OqLcxQwEQ  
==}  
  cpu: [ppc64]  
  os: [linux]  
  requiresBuild: true  
  dev: true  
  optional: true
```

```
/esbuild-netbsd-64/0.13.15:  
  resolution: {integrity: sha512-  
3+yE9emwoevLMYvu+iR3rsa+Xwhie7ZEhMGDQ6dkqP/ndFzRHkObHUKTe+NCApSqG5ce2z4rFu+NX/UHnxlh  
3w==}  
  cpu: [x64]  
  os: [netbsd]  
  requiresBuild: true  
  dev: true  
  optional: true
```

```
/esbuild-openbsd-64/0.13.15:  
  resolution: {integrity: sha512-  
wTfvtwYJYAFL1fSs8yHIdf5GEE4NkbtbXtjLWjM3Cw8mmQKqsg8kTiqJ9NJQe5NX/5Qlo7Xd9r1yKMMkHllp5  
g==}  
  cpu: [x64]  
  os: [openbsd]
```

requiresBuild: true

dev: true

optional: true

/esbuild-sunos-64/0.13.15:

resolution: {integrity: sha512-

lbivT9Bx3t1iWWrSnGyBP9ODriEvWDRiweAs69vI+miJoeKwHWOCmSRuktbuzjZ8r1q0mQJ8Z7yUsDJ3hKd
w==}

cpu: [x64]

os: [sunos]

requiresBuild: true

dev: true

optional: true

/esbuild-windows-32/0.13.15:

resolution: {integrity: sha512-

fDMEf2g3SsJ599MBR50cY5ve5IP1wyVwTe6aLJsM01KtxyKkB4UT+fc5MXQFn3RLrAIAZOG+tHC+yXObpSn7
Nw==}

cpu: [ia32]

os: [win32]

requiresBuild: true

dev: true

optional: true

/esbuild-windows-64/0.13.15:

resolution: {integrity: sha512-

9aMsPRGDWCd3bGjUIKG/ZOJPKsitzlxl/Q3C1XDswO6eNX/Jtwu4M+jb6YDH9hRSUflQWX0XKAfWzgy5Wk
54JQ==}

cpu: [x64]

os: [win32]

requiresBuild: true

dev: true

optional: true

/esbuild-windows-arm64/0.13.15:

resolution: {integrity: sha512-

zzvyCVVpbwQQATaf3IG8mu1IwGEiDxKkYUdA4FpoCHi1KtPa13jeScYDjlW0Qh+ebWzpKfR2ZwvqAQkSWN
cKjA==}

cpu: [arm64]

os: [win32]

requiresBuild: true

dev: true

optional: true

/esbuild/0.13.15:

resolution: {integrity: sha512-

raCxt02HBKv8RJxE8vkTSCXGIyKHdEdGfUmiYb8wnabnaEmHzYW7DCHb5tEN0xU8ryqg5xw54mcwnYkC4x3
AIw==}

```
hasBin: true
requiresBuild: true
optionalDependencies:
  esbuild-android-arm64:
0.13.15
  esbuild-darwin-64: 0.13.15
  esbuild-darwin-arm64: 0.13.15
  esbuild-freebsd-64: 0.13.15
  esbuild-freebsd-arm64: 0.13.15
  esbuild-linux-32: 0.13.15
  esbuild-linux-64: 0.13.15
  esbuild-linux-arm: 0.13.15
  esbuild-linux-arm64: 0.13.15
  esbuild-linux-mips64le: 0.13.15
  esbuild-linux-ppc64le: 0.13.15
  esbuild-netbsd-64: 0.13.15
  esbuild-openbsd-64: 0.13.15
  esbuild-sunos-64: 0.13.15
  esbuild-windows-32: 0.13.15
  esbuild-windows-64: 0.13.15
  esbuild-windows-arm64: 0.13.15
dev: true

/escape-goat/2.1.1:
  resolution: {integrity: sha512-
8/uIhbG12CsJy2JEW7D9pHbreaVaS/OpN3ycnyvEITdwM5n6GY6W6e2IPemfvGZeUMqZ9A/3GqIZMgKnBhAw/
Q==}
  engines: {node: '>=8'}
  dev: true

/escape-string-regexp/1.0.5:
  resolution: {integrity: sha1-G2HAViGQqN/2rjuyzwIAyhMLhtQ=}
  engines: {node: '>=0.8.0'}
  dev: true

/escape-string-regexp/4.0.0:
  resolution: {integrity: sha512-
TtpcNJ3XAzx3Gq8sWRzJaVajRs0uVxA2YAkdb1jm2YkPz4G6egUFAYa3n5vtEIZefPk5Wa4UXbKuS5fKkJWdg
A==}
  engines: {node: '>=10'}
  dev: true

/estree-walker/2.0.2:
  resolution: {integrity: sha512-
Rfkk/Mp/DL7JVje3u18FxFujQITNR2q6QfMSMB7AvCBx91NGj/ba3kCfza0f6dVDbw7YIRf/nDm7pQrCCyQ/w=
=}
  dev: true
```

```
/exec-buffer/3.2.0:  
  resolution: {integrity: sha512-  
wsiD+2Tp6BWHoVv3B+5Dcx6E7u5zky+hUwOHjuH2hKSLR3dvRmX8fk8UD8uqQixHs4Wk6eDmiegrMPjKj7  
wpA==}  
  engines: {node: '>=4'}  
  dependencies:  
    execa: 0.7.0  
    p-finally: 1.0.0  
    pify: 3.0.0  
    rimraf: 2.7.1  
    tempfile: 2.0.0  
  dev: true
```

```
/execa/0.7.0:  
  resolution: {integrity: sha1-IEvs00zEHuMqY6n68nrVpl/FI3c=}  
  engines: {node: '>=4'}  
  dependencies:  
    cross-spawn: 5.1.0  
    get-stream: 3.0.0  
    is-stream: 1.1.0  
    npm-run-path: 2.0.2  
    p-finally: 1.0.0  
    signal-exit: 3.0.6  
    strip-eof: 1.0.0  
  dev: true
```

```
/execa/1.0.0:  
  resolution: {integrity: sha512-  
adbxcyWV46qiHyvSp50TKt05tB4tK3HcmF7/nxfAdhnox83seTDbwnaqKO4sXRy7roHAIFqJP/Rw/AuEbX61LA=  
=}  
  engines: {node: '>=6'}  
  dependencies:  
    cross-spawn: 6.0.5  
    get-stream: 4.1.0  
    is-stream: 1.1.0  
    npm-run-path: 2.0.2  
    p-finally: 1.0.0  
    signal-exit: 3.0.6  
    strip-eof: 1.0.0  
  dev: true
```

```
/executable/4.1.1:  
  resolution: {integrity: sha512-  
8iA79xD3uAch729dUG8xaaBBFGaEa0wdD2VkyLFHwIqosEj/jT66AzcreRDSgV7ehnNLBW2WR5jIXwGKjVdT  
Lg==}  
  engines: {node: '>=4'}  
  dependencies:  
    pify: 2.3.0
```

dev: true

/expand-template/2.0.3:

resolution: {integrity: sha512-XYfuKMvj4O35f/pOXLObndIRvyQ+/+6AhODh+OKWj9S9498pHHn/IMszH+gt0fBCRWMNfk1ZSp5x3AifmnI2vg==}
engines: {node: '>=6'}
dev: true

/ext-list/2.2.2:

resolution: {integrity: sha512-u+SQgsubraE6zItfVA0tBuCBhfU9ogSRnsvygI7wht9TS510oLkBRXBsqopeUG/GBOIQyKZO9wjTqIu/sf5zFA==}
engines: {node: '>=0.10.0'}
dependencies:
mime-db: 1.51.0
dev: true

/ext-name/5.0.0:

resolution: {integrity: sha512-yblEwXAbGv1VQDmow7s38W77hzAgJAO50ztBLMcUyUBfxv1HC+LGwtiEN+Co6LtlqT/5uwVOxsD4TNiIWhwdQ==}
engines: {node: '>=4'}
dependencies:
ext-list: 2.2.2
sort-keys-length: 1.0.1
dev: true

/external-editor/3.1.0:

resolution: {integrity: sha512-hMQ4CX1p1izmuLYyZqLMO/qGNw10wSv9QDCPzXfyFrOaCSSoRfqE1Kf1s5an66J5JZC62NewG+mK49jOCtQew==}
engines: {node: '>=4'}
dependencies:
chardet: 0.7.0
iconv-lite: 0.4.24
tmp: 0.0.33
dev: true

/fast-glob/3.2.11:

resolution: {integrity: sha512-xrO3+1bxSo3ZVHAnqzyuewYT6aMFHRAd4Kcs92MAonjwQZLsK9d0SF1IyQ3k5PoirxTW0Oe/RqFgMQ6TcNE5Ew==}
engines: {node: '>=8.6.0'}
dependencies:
'@nodelib/fs.stat': 2.0.5
'@nodelib/fs.walk': 1.2.8
glob-parent: 5.1.2
merge2: 1.4.1

micromatch: 4.0.4

dev: true

/fastq/1.13.0:

resolution: {integrity: sha512-

YpkpUnK8od0o1hmeSc7UUs/eB/vIPWJYjKck2QKIZAf71Vm1AAQ3EbuZB3g2JIy+pg+ERD0vqI79KyZiB2e2Nw==}

dependencies:

reusify: 1.0.4

dev: true

/fd-slicer/1.1.0:

resolution: {integrity: sha1-JcfInLH5B3+IkbvmHY85Dq4lhx4=}

dependencies:

pend: 1.2.0

dev: true

/figures/1.7.0:

resolution: {integrity: sha1-y+Hjr/zxzUS4DK3+0o3Hk6lwHS4=}

engines: {node: '>=0.10.0'}

dependencies:

escape-string-regexp: 1.0.5

object-assign: 4.1.1

dev: true

/figures/3.2.0:

resolution: {integrity: sha512-

yaduQFRKLXYOGgEn6AZau90j3ggSOyiqXU0F9JZfeXYhNa+Jk4X+s45A2zg5jns87GAFa34BBm2kXw4XpNcbdg==}

engines: {node: '>=8'}

dependencies:

escape-string-regexp: 1.0.5

dev: true

/file-type/16.5.3:

resolution: {integrity: sha512-

uVsl7iFhHSOY4bEONLITK47iAHtNsFHWP5YE4xJfZ4rnX7S1Q3wce09XgqSC7E/xh8Ncv/be1lNoyprlUH/x6A=}

engines: {node: '>=10'}

dependencies:

readable-web-to-node-stream: 3.0.2

strtok3: 6.2.4

token-types: 4.1.1

dev: true

/file-type/3.9.0:

resolution: {integrity: sha1-JXoHg4TR24CHvESdEH1SpSZyuek=}

engines: {node: '>=0.10.0'}

dev: true

/file-type/4.4.0:

resolution: {integrity: sha1-G2AOX8ofvcbODApwxyNul95BsU=}

engines: {node: '>=4'}

dev: true

/file-type/5.2.0:

resolution: {integrity: sha1-LdvqfHP/42No365J3DOMBYwritY=}

engines: {node: '>=4'}

dev: true

/file-type/6.2.0:

resolution: {integrity: sha512-

YPcTBDV+2Tm0VqjybVd32MHdlEGAtuxS3VAYsumFokDSMG+ROT5wawGlnHDoz7bfMcMDt9hXuXvXwoK
Ux2fkOg==}

engines: {node: '>=4'}

dev: true

/file-type/8.1.0:

resolution: {integrity: sha512-

qyQ0pzAy78gVoJsmYeNgl8uH8yKhr11VhW7JbzJmnlRi0I4R2eEDEJZVKG8agpDnLpacwNbDhLNG/LMdxHD2
YQ==}

engines: {node: '>=6'}

dev: true

/filename-reserved-regex/2.0.0:

resolution: {integrity: sha1-q/c9+rc10EVECr/qLZHzieu/oik=}

engines: {node: '>=4'}

dev: true

/filenamify/2.1.0:

resolution: {integrity: sha512-

ICw7NTT6RsDp2rnYKvd8Fu4cr6ITzGy3+u4vUujPkabyaz+03F24NWEX7fs5fp+kBonlaqPH8fAO2NM+SXt/JA=
=}

engines: {node: '>=4'}

dependencies:

filename-reserved-regex: 2.0.0

strip-outer: 1.0.1

trim-repeated: 1.0.0

dev: true

/fill-range/7.0.1:

resolution: {integrity: sha512-

qOo9F+dMUmC2Lcb4BbVvnKJxTPjCm+RRpe4gDuGrzkL7mEVI/djYSu2OdQ2Pa302N4oqkSg9ir6jaLWJ2USVp
Q==}

engines: {node: '>=8'}

dependencies:

to-regex-range: 5.0.1

dev: true

/find-up/1.1.2:

resolution: {integrity: sha1-ay6YIrGizgpgq2TWEOzK1TyyTQ8=}

engines: {node: '>=0.10.0'}

dependencies:

path-exists: 2.1.0

pinkie-promise: 2.0.1

dev: true

/find-versions/3.2.0:

resolution: {integrity: sha512-

P8WRou2S+oe222TOCHitLy8zj+SIsVJh52VP4lvXkaFVnOFFdoWv1H1Jjvel1aI6NCFOAaeAVm8qrI0odiLcww=
=}

engines: {node: '>=6'}

dependencies:

semver-regex: 2.0.0

dev: true

/follow-redirects/1.14.7:

resolution: {integrity: sha512-

+hbxoLbFMbRKDwohX8GkTataGqO6Jb7jGwpAlwgy2bIz25XtRm7KEzJM76R1WiNT5SwZkX4Y75SwBolkpm
E7iQ==}

engines: {node: '>=4.0'}

peerDependencies:

debug: '*'

peerDependenciesMeta:

debug:

optional: true

dev: false

/from2/2.3.0:

resolution: {integrity: sha1-i/tVAr3kpNNs/e6gB/zKIdfjgq8=}

dependencies:

inherits: 2.0.4

readable-stream: 2.3.7

dev: true

/fs-constants/1.0.0:

resolution: {integrity: sha512-

y6OAwosIf7FyjMIv94u+b5rdheZEjzR63GTyZJm5qh4Bi+2YgwLCcl/fPFZkL5PSixOt6ZnKm+w+Hfp/Bciwow=
=}

dev: true

/fs-extra/10.0.0:

resolution: {integrity: sha512-

```
C5owb14u9eJwizKGdchcDUQeFtlSHHthBk8pbX9Vc1PFZrLombudjDnNns88aYslCyF6IY5SUw3Roz6xShcEIQ=
=}
  engines: {node: '>=12'}
  dependencies:
    graceful-fs: 4.2.9
    jsonfile: 6.1.0
    universalify: 2.0.0
  dev: true

/fs.realpath/1.0.0:
  resolution: {integrity: sha1-FQStJSMVjKpA20onh8sBQRmU6k8=}
  dev: true

/fsevents/2.3.2:
  resolution: {integrity: sha512-
xiqMQR4xAeHTuB9uWm+fFRcIOgKBMiOBP+eXiyT7jsgVCq1bkVygt00oASowB7EdtpOHaaPgKt812P9ab+DD
KA==}
  engines: {node: ^8.16.0 || ^10.6.0 || >=11.0.0}
  os: [darwin]
  requiresBuild: true
  dev: true
  optional: true

/function-bind/1.1.1:
  resolution: {integrity: sha512-
yIovAzMX49sF8Y158fSCWJ5svSLuaibPxXQJFLmBObTuCr0Mf1KiPopGM9NiFjiYBCbfaa2Fh6breQ6ANVTI0A
==}
  dev: true

/gauge/2.7.4:
  resolution: {integrity: sha1-LANAXHU4w51+s3sxcCLjJfsBi/c=}
  dependencies:
    aproba: 1.2.0
    console-control-strings: 1.1.0
    has-unicode: 2.0.1
    object-assign: 4.1.1
    signal-exit: 3.0.6
    string-width: 1.0.2
    strip-ansi: 3.0.1
    wide-align: 1.1.5
  dev: true

/get-proxy/2.1.0:
  resolution: {integrity: sha512-
zmZlaQTwNnQb4R4fJUEp/FC51eZsc6EkErsy3xtIYStaq8EB/hDIWipxsal+E8rz0qD7f2sL/NA9Xee4RInJw==}
  engines: {node: '>=4'}
  dependencies:
    npm-conf: 1.1.3
```

dev: true

/get-stdin/4.0.1:

resolution: {integrity: sha1-uWjGsKBDhDJJAui/Gl3zJXmkUP4=}

engines: {node: '>=0.10.0'}

dev: true

/get-stream/2.3.1:

resolution: {integrity: sha1-Xzj5PzRgCWZu4BUKBUFn+Rvdld4=}

engines: {node: '>=0.10.0'}

dependencies:

object-assign: 4.1.1

pinkie-promise:

2.0.1

dev: true

/get-stream/3.0.0:

resolution: {integrity: sha1-jpQ9E1jcN1VQVOy+LtsFqhdO3hQ=}

engines: {node: '>=4'}

dev: true

/get-stream/4.1.0:

resolution: {integrity: sha512-

GMat4EJ5161kIy2HevLlr4luNjBgvnmj413KaQA7jt4V8B4RDsfHk7WQ9GVqfYyyx8OS/L66Kox+rJRNkILK7w=
=}

engines: {node: '>=6'}

dependencies:

pump: 3.0.0

dev: true

/get-stream/5.2.0:

resolution: {integrity: sha512-

nBF+F1rAZVCu/p7rjzgA+Yb4lfYXrpl7a6VmJrU8wF9I1CKvP/QwPNZHnOlwbTkY6dvtFIzFMSyQXbLoTQPRp
A==}

engines: {node: '>=8'}

dependencies:

pump: 3.0.0

dev: true

/github-from-package/0.0.0:

resolution: {integrity: sha1-l/tdlr/eiXMxPyDoKI75oWf6ZM4=}

dev: true

/glob-parent/5.1.2:

resolution: {integrity: sha512-

AOIgSQcepiJYwP3ARnGx+5VnTu2HBYdzbGP45eLw1vr3zB3vZLeyed1sC9hnbcOc9/SrMyM5RPQrkGz4aS9Zo
w==}

engines: {node: '>= 6'}

dependencies:

is-glob: 4.0.3

dev: true

/glob/7.2.0:

resolution: {integrity: sha512-

lmLf6gtyrPq8tTjSmrO94wBeQbFR3HbLHbuyD69wuyQkImp2hWqMGB47OX65FBkPffO64IIP9jWa1z4ivqG26Q==}

dependencies:

fs.realpath: 1.0.0

inflight: 1.0.6

inherits: 2.0.4

minimatch: 3.0.4

once: 1.4.0

path-is-absolute: 1.0.1

dev: true

/global-agent/3.0.0:

resolution: {integrity: sha512-

PT6XReJ+D07JvGoxQMkT6qji/jVNfX/h364XHZOWeRzy64sSFr+XJ5OX7LI3b4MPQzdL4H8Y8M0xzPpsVMwA8Q==}

engines: {node: '>=10.0'}

dependencies:

boolean: 3.1.4

es6-error: 4.1.1

matcher: 3.0.0

roarr: 2.15.4

semver: 7.3.5

serialize-error: 7.0.1

dev: true

/global-dirs/3.0.0:

resolution: {integrity: sha512-

v8ho2DS5RiCjftj1nD9NmnfaOzTdud7RRnVd9kFNOjqZbISlx5DQ+OrTkywgd0dIt7oFCvKetZSHoHcP3sDdiA==}

engines: {node: '>=10'}

dependencies:

ini: 2.0.0

dev: true

/globalthis/1.0.2:

resolution: {integrity: sha512-

ZQnSFO1la8P7auIQEcnm0sSuoMeaSq0EEedXMBFF2QJO4uNcwbyhSgG3MruWNbFTqCLmxVwGOI7LZ9kASvHdeQ==}

engines: {node: '>= 0.4'}

dependencies:

define-properties: 1.1.3

dev: true

```
/globby/12.2.0:
  resolution: {integrity: sha512-
wiSuFQLZ+urS9x2gGP11H5drc5twabmm4m2gTR27XDFyjUHHJUNsS8o/2aKyIF6IoBaR630atdher0XJ5g6OMmA
==}
  engines: {node: ^12.20.0 || ^14.13.1 || >=16.0.0}
  dependencies:
    array-union: 3.0.1
    dir-glob: 3.0.1
    fast-glob: 3.2.11
    ignore: 5.2.0
    merge2: 1.4.1
    slash: 4.0.0
  dev: true
```

```
/got/11.8.2:
  resolution: {integrity: sha512-
D0QywKgIe30ODs+fm8wMZiAcZjypcCodPNuMz5H9Mny7RJ+IjJ10BdmGW7OM7fHXP+O7r6ZwapQ/YQmMS
vB0UQ==}
  engines: {node: '>=10.19.0'}
  dependencies:
    '@sindresorhus/is': 4.4.0
    '@szmarczak/http-timer': 4.0.6
    '@types/cacheable-request': 6.0.2
    '@types/responselike': 1.0.0
    cacheable-lookup: 5.0.4
    cacheable-request: 7.0.2
    decompress-response: 6.0.0
    http2-wrapper: 1.0.3
    lowercase-keys: 2.0.0
    p-cancelable: 2.1.1
    responselike: 2.0.0
  dev: true
```

```
/got/7.1.0:
  resolution:
{integrity: sha512-
Y5WMo7xKKq1muPxD+KmrR8DH5auG7fBdDVueZwETwV6VytKyU9OX/ddpq2/1hp1vIPvVb4T81dKQz3Biv
kNLw==}
  engines: {node: '>=4'}
  dependencies:
    decompress-response: 3.3.0
    duplexer3: 0.1.4
    get-stream: 3.0.0
    is-plain-obj: 1.1.0
    is-retry-allowed: 1.2.0
    is-stream: 1.1.0
    isurl: 1.0.0
```

lowercase-keys: 1.0.1
p-cancelable: 0.3.0
p-timeout: 1.2.1
safe-buffer: 5.2.1
timed-out: 4.0.1
url-parse-lax: 1.0.0
url-to-options: 1.0.1
dev: true

/got/8.3.2:

resolution: {integrity: sha512-qjUJ5U/hawxosMryILofZCkm3C84PLJS/0grRIpjAwu+Lkxxj5cxeCU25BG0/3mDspXKTyZr8oh8wIgLah0QCw=

=}
engines: {node: '>=4'}
dependencies:
'@sindresorhus/is': 0.7.0
cacheable-request: 2.1.4
decompress-response: 3.3.0
duplexer3: 0.1.4
get-stream: 3.0.0
into-stream: 3.1.0
is-retry-allowed: 1.2.0
isurl: 1.0.0
lowercase-keys: 1.0.1
mimic-response: 1.0.1
p-cancelable:
0.4.1
p-timeout: 2.0.1
pify: 3.0.0
safe-buffer: 5.2.1
timed-out: 4.0.1
url-parse-lax: 3.0.0
url-to-options: 1.0.1
dev: true

/got/9.6.0:

resolution: {integrity: sha512-R7eWptXuGYxwijs0eV+v3o6+XH1IqVK8dJOEecQfTmknw9AV4dcw/Dhxi8MdlqPthxxpZyizMzyg8RTmEsG+Q==}

engines: {node: '>=8.6'}
dependencies:
'@sindresorhus/is': 0.14.0
'@szmarczak/http-timer': 1.1.2
cacheable-request: 6.1.0
decompress-response: 3.3.0
duplexer3: 0.1.4
get-stream: 4.1.0
lowercase-keys: 1.0.1

mimic-response: 1.0.1
p-cancelable: 1.1.0
to-readable-stream: 1.0.0
url-parse-lax: 3.0.0
dev: true

/graceful-fs/4.2.9:

resolution: {integrity: sha512-NtNxqUcXgpW2iMrfqSfR73Glt39K+BLwWSPs94yR63v45T0Wbej7eRmL5cWfwEgqXnmjQp3zaJTshdRW/qC2ZQ==}
dev: true

/has-ansi/2.0.0:

resolution: {integrity: sha1-NPUEnOHs3ysGSa8+8k5F7TVBbZE=}
engines: {node: '>=0.10.0'}
dependencies:

ansi-regex: 2.1.1

dev: true

/has-flag/4.0.0:

resolution: {integrity: sha512-EykJT/Q1KjTWctppgIAGfSO0tKVuZUjhgMr17kqTumMl6Afv3EISleU7qZUzoXDFTAHTDC4NOoG/ZxU3EvlMPQ==}
engines: {node: '>=8'}
dev: true

/has-symbol-support-x/1.4.2:

resolution: {integrity: sha512-3ToOva++HaW+eCpgqZrCfN51IPB+7bJNVT6CUATzueB5Heb8o6Nam0V3HG5dlDvZU1Gn5QLcbahiKw/XVk5JJw==}
dev: true

/has-to-string-tag-x/1.4.1:

resolution: {integrity: sha512-vdbKfmw+3LoOYVr+mtxHaX5a96+0f3DljYd8JOqvOLsf5mw2Otda2qCDT9qRqLAhrjyQ0h7ual5nOiASpsGNFw==}
dependencies:
 has-symbol-support-x: 1.4.2
dev: true

/has-unicode/2.0.1:

resolution: {integrity: sha1-4Ob+ajjPUROiVeCG0Wkedx3iqLk=}
dev: true

/has-yarn/2.1.0:

resolution: {integrity: sha512-UqBRqi4ju7T+TqGNdqAO0PaSVGsDGJUBQvk9eUWNGRY1CFGDzYhLWoM7JQEemnlvVcv/YEmc2wNW8B

```
C24EnUsw==}
  engines: {node: '>=8'}
  dev: true

/has/1.0.3:
  resolution: {integrity: sha512-
f2dvO0VU6Oej7RkWJGrehjzMAjFp5/VKPP5fTpWIV4JHHZK1/BxbFRtf/siA2SWTe09caDmVtYYzWEIbBS4z
w==}
  engines: {node: '>= 0.4.0'}
  dependencies:
    function-bind: 1.1.1
  dev: true

/hosted-git-info/2.8.9:
  resolution: {integrity: sha512-
mxIDAb9Lsm6DoOJ7xH+5+X4y1LU/4Hi50L9C5sIswK3JzULS4bwk1FvjdBgvYR4bzT4tuUQiC15FE2f5HbLvY
w==}
  dev: true

/http-cache-semantics/3.8.1:
  resolution: {integrity: sha512-
5ai2iksyV8ZXmnZhHH4rWPoxxiEexSi5936zIQ1bnNTW5VnA85B6P/VpXiRM017Igrvb2kKo1a//y+0wSp3w=
=}
  dev: true

/http-cache-semantics/4.1.0:
  resolution: {integrity: sha512-
carPkleUh7ROWRK7Cv27RPtdhYhUsela/ue5/jKzjegVvXDqM2ILE9Q2BGn9JZJh1g87cp56su/FgQSzcWS8cQ==
}
  dev: true

/http2-wrapper/1.0.3:
  resolution: {integrity: sha512-
V+23sDMr12Wnz7iTcDeJr3O6AIxInvT/bmaAAAP/Xda35C90p9599p0F1eHR/N1KILWSoWVAiOMFjBBXaXS
Mxg==}
  engines: {node: '>=10.19.0'}
  dependencies:
    quick-lru: 5.1.1
    resolve-alpn: 1.2.1
  dev: true

/iconv-lite/0.4.24:
  resolution: {integrity: sha512-
v3MXnZAcvnywkTUEZomIActle7RXXeedOR31wwl7VlyoXO4Qi9arvSenNQWne1TcRwhCL1HwLI21bEqdpj8/r
A==}
  engines: {node: '>=0.10.0'}
  dependencies:
    safer-buffer: 2.1.2
```

dev: true

/ieee754/1.2.1:

resolution: {integrity: sha512-dcyqhDvX1C46lXZcVqCpK+FtMRQVdIMN6/Df5js2zouUsqG7I6sFxitlC+7KYK29KdXOLHdu9zL4sFnoVQnqaA==}
dev: true

/ignore/5.2.0:

resolution: {integrity: sha512-CmxgYGiEPLhfLnpPp1MoRmifwEIOgicHXxOBjv7mY96c+eWScsOP9c112ZyLdWHi0FxHjI+4uVhKYp/gcdRmQ==}
engines: {node: '>= 4'}
dev: true

/imagemin-optipng/8.0.0:

resolution: {integrity: sha512-CUGfhfwqIPjAC0rm8Fy+R2DJDBGjzy2SkfyT09L8rasnF9jSoHFqJ1xxSZWK6HVPZBMhGPMxCTL70OgTHILF5A==}
engines: {node: '>=10'}
dependencies:
 exec-buffer: 3.2.0
 is-png: 2.0.0
 optipng-bin: 7.0.1
dev: true

/imagemin-zopfli/7.0.0:

resolution: {integrity: sha512-nmffj58rVb0O3AICZLBBVKgyZ5MYPZZfKxUhvA7bwPGougHI/F7EUKSse9jkgXjdvtJYG2ojJeh5N67mYgBM9g==}
engines: {node: '>=10'}
dependencies:
 exec-buffer: 3.2.0
 is-png:
 2.0.0
 zopfli-png-bin: 6.0.1
dev: true

/imagemin/8.0.1:

resolution: {integrity: sha512-Q/QaPi+5HuwbnZnTQRqUVk6hKacI6z9iWiCSQBisAv7uBynZwO7t1svkryKI7+iSQbkU/6t9DWnHz04cFs2WY7w==}
engines: {node: '>=12'}
dependencies:
 file-type: 16.5.3
 globby: 12.2.0
 graceful-fs: 4.2.9
 junk: 3.1.0

p-pipe: 4.0.0
replace-ext: 2.0.0
slash: 3.0.0
dev: true

/import-fresh/3.3.0:
resolution: {integrity: sha512-veYYhQa+D1QBKznhUHxb8faxlrwUnxseDAbAp457E0wLNio2bOSKnjYDhMj+ YiAq61xrMGhQk9iXVk5FzgQMw==}
engines: {node: '>=6'}
dependencies:
parent-module: 1.0.1
resolve-from: 4.0.0
dev: true

/import-lazy/2.1.0:
resolution: {integrity: sha1-BWmOPUXIjo1+nZLLBYTnfwlvPkM=}
engines: {node: '>=4'}
dev: true

/import-lazy/3.1.0:
resolution: {integrity: sha512-8/gvXvX2JMn0F+CDISC4l6kOmVaLOO3XLkksI7CI3Ud95KDYJuYur2b9P/PUt/i/pDAMd/DulQsNbbbmRRsDIQ==}
engines: {node: '>=6'}
dev: true

/imurmurhash/0.1.4:
resolution: {integrity: sha1-khi5srkoojixPcT7a21XbyMUU+o=}
engines: {node: '>=0.8.19'}
dev: true

/indent-string/2.1.0:
resolution: {integrity: sha1-j11INIdCEhtKghi3oTfppSBJ3IA=}
engines: {node: '>=0.10.0'}
dependencies:
repeating: 2.0.1
dev: true

/inflight/1.0.6:
resolution: {integrity: sha1-Sb1jMdfQLQwJvJEKEHW6gWW1bfk=}
dependencies:
once: 1.4.0
wrappy: 1.0.2
dev: true

/inherits/2.0.4:
resolution: {integrity: sha512-ke9U0WcKw+/ulv2UE9cQ/tyalSRiR2xtuodw2zFjcOp35u7fhQBEF5RWs/3v3YmWnD8LpK4q7bAqzNdbyk=}

k/vGaX4/YIa3WzyMCvTQOXYeIHvqOKtnqBduzTHpZpQZzAskKMhZ2K+EnBiSM9zGSoIFeMpXXka4dYeZIQ
qewQ==}

dev: true

/ini/1.3.8:

resolution: {integrity: sha512-

JV/yugV2uzW5iMRSiZAYDtQd+nxtUnjeLt0acNdw98kKLrvuRVyB80tsREOE7yvGVgalhZ6RNXCmEHkUKBKx
ew==}

dev: true

/ini/2.0.0:

resolution: {integrity: sha512-

7PnF4oN3CvZF23ADhA5wRaYEQpJ8qygSktbTXWBeXWXmEVRXK+1ITciHWwHhsjv1TmW0MgacIv6hEi5p
X5NQdA==}

engines: {node: '>=10'}

dev: true

/inquirer/8.1.2:

resolution: {integrity: sha512-

DHLKJwLPNgkfwNmsuEUKSejJFbkv0FMO9SMiQbjI3n5NQuCrSIBqP66ggqyz2a6t2qEolKrMjhQ3+W/xXgUQ+
Q==}

engines: {node: '>=8.0.0'}

dependencies:

ansi-escapes: 4.3.2

chalk: 4.1.2

cli-cursor: 3.1.0

cli-width: 3.0.0

external-editor: 3.1.0

figures: 3.2.0

lodash: 4.17.21

mute-stream: 0.0.8

ora: 5.4.1

run-async: 2.4.1

rxjs: 7.5.2

string-width: 4.2.3

strip-ansi: 6.0.1

through: 2.3.8

dev: true

/into-stream/3.1.0:

resolution: {integrity: sha1-lvsKk2wSur1v8XUqF9BWFqvQIMY=}

engines: {node: '>=4'}

dependencies:

from2: 2.3.0

p-is-promise: 1.1.0

dev: true

/is-arrayish/0.2.1:

resolution: {integrity: sha1-d8mYQFJ6qOyxqLppe4BkWnqSap0=}
dev: true

/is-arrayish/0.3.2:
resolution: {integrity: sha512-
eVRqCvVIZbuw3GrM63ovNSNAeA1K16kaR/LRY/92w0zxQ5/1YzwbIUx652i4Xs9RwAGjW9d9y6X88t8OaAJf
WQ==}
dev: true

/is-binary-path/2.1.0:
resolution: {integrity: sha512-
ZMERYes6pDydyuGidse7OsHxtbI7WVveUEozgR/g7rd0xUimYNIvZRE/K2MgZTjWY725IfeILeVcEM97mmtRGX
w==}
engines: {node: '>=8'}
dependencies:
binary-extensions: 2.2.0
dev: true

/is-ci/2.0.0:
resolution: {integrity: sha512-
YfJT7rqpQB0updsdHLGWrvhBJfczNNawYDNlyQXJz0IViGf7508EBPKSdvw2rF+LGCsX4FZ8tcr3b19LcZq4w
==}
hasBin: true
dependencies:
ci-info: 2.0.0
dev: true

/is-core-module/2.8.1:
resolution: {integrity: sha512-
SdNCUs284hr40hFTFP6l0fZ/RSrMXF3qgoRHd3/79unUTvrFO/JoXwkGm+5J/Oe3E/b5GsnG330uUNgRpu1PA=
=}
dependencies:
has: 1.0.3
dev: true

/is-extglob/2.1.1:
resolution: {integrity: sha1-qIwCU1eR8C7TfHahueqXc8gz+MI=}
engines: {node: '>=0.10.0'}
dev: true

/is-finite/1.1.0:
resolution: {integrity: sha512-
cdyMtqX/BOqqNBBiKlIVkytNHm49MtMIYyn1zxxvJKWmFMIGzm+ry5BBfYyeY9YmNKbRSO/o7OX9w9ale0w
g3w==}
engines: {node: '>=0.10.0'}
dev: true

/is-fullwidth-code-point/1.0.0:

```

resolution: {integrity: sha1-754xOG8DGn8NZDr4L95QxFfvAMs=}
engines:
{node: '>=0.10.0'}
dependencies:
  number-is-nan: 1.0.1
dev: true

/is-fullwidth-code-point/3.0.0:
  resolution: {integrity: sha512-
zymm5+u+sCsSWyD9qNaejV3DFvhCKclKdizYaJUuHA83RLjb7nSuGnddCHGv0hk+KY7BMAlsWeK4Ueg6EV
6XQg==}
  engines: {node: '>=8'}
dev: true

/is-glob/4.0.3:
  resolution: {integrity: sha512-
xelSayHH36ZgE7ZWwhli7pW34hNbNl8Ojv5KVmkJD4hBdD3th8Tfk9vYasLM+mXWOZhFkgZfxhLSnrwRr4elSS
g==}
  engines: {node: '>=0.10.0'}
  dependencies:
    is-extglob: 2.1.1
dev: true

/is-installed-globally/0.4.0:
  resolution: {integrity: sha512-
iwGqO3J21aaSkC7jWnHP/difazwS7SFeIq xv6wEtLU8Y5Kl zFTjyqcSIT0d8s4+dDhKytsk9PJZ2BkS5eZwQRQ==}
  engines: {node: '>=10'}
  dependencies:
    global-dirs: 3.0.0
    is-path-inside: 3.0.3
dev: true

/is-interactive/1.0.0:
  resolution: {integrity: sha512-
2HvIEKRoqS62guEC+qBjpvRubdX910WCMuJTZ+I9yvqKU2/12eSL549HMwtabb4oupdj2sMP50k+XJfB/8JE6w
==}
  engines: {node: '>=8'}
dev: true

/is-natural-number/4.0.1:
  resolution: {integrity: sha1-q5124dtM7VHjXeDHLr7PCfc0zeg=}
dev: true

/is-npm/5.0.0:
  resolution: {integrity: sha512-
WW/rQLOazUq+ST/bCAVBp/2oMERWLSr7OrKyt052dNdK4DHcDE0/7QSXITlmi+VBcV13DfIbysG3tZJm5Rf
dBA==}
  engines: {node: '>=10'}

```

dev: true

/is-number/7.0.0:

resolution: {integrity: sha512-41Cifkg6e8TylSpdtTpeLVMqvSBEVzTttHvERD741+pnZ8ANv0004MRL43QKPDIK9cGvNp6NZWZUBlbGXYx
xng==}
engines: {node: '>=0.12.0'}
dev: true

/is-obj/2.0.0:

resolution: {integrity: sha512-drqDG3cbcxxEJRoOXcOjtdp1J/lyp1mNn0xaznRs8+muBhgQcrnbspox5X5fOw0HnMnbfDzvnEMEtqDEJEo8w=
=}
engines: {node: '>=8'}
dev: true

/is-object/1.0.2:

resolution: {integrity: sha512-2rRIahhZr2UWb45fIOuvZGpFtz0TyOZLf32KxBbSoUCeZR495zCKIWUKKUByk3geS2eAs7ZAABt0Y/Rx0GiQ
GA==}
dev: true

/is-path-inside/3.0.3:

resolution: {integrity: sha512-Fd4gABb+ycGAmKou8eMftCupSir5IRxqf4aD/vd0cD2qc4HL07OjCeuHMr8Ro4CoMaeCKDB0/ECBOVWjTwUv
PQ==}
engines: {node: '>=8'}
dev: true

/is-plain-obj/1.1.0:

resolution: {integrity: sha1-caUMhCnfync8kqOQpKA7OfzVHT4=}
engines: {node: '>=0.10.0'}
dev: true

/is-png/2.0.0:

resolution: {integrity: sha512-4KPGizaVGj2LK7xwJlz8o5B2ubu1D/vcQsgOGFEDlpcvgZHto4gBnyd0ig7Ws+67ixmwKoNmu0hYnp06AaKb5g
==}
engines: {node: '>=8'}
dev: true

/is-png/3.0.0:

resolution: {integrity: sha512-waa2qEuqgLjjYT14KOUQqAEIRRIv7ttkzPVctY/qv+IAKnzXf+JAPKQas50RgO0ECPDUG/iB1zQmwpyB9kkZt
Q==}
engines: {node: '>=12'}
dev: true

```
/is-retry-allowed/1.2.0:
  resolution: {integrity: sha512-
RUbUeKwvm3XG2VYamhJL1xFktgfvPzL0Hq8C+6yrWlswDy3BIXGqCxxhkc30N9jqK311gVU137K8Ei55/zVJ
Rg==}
  engines: {node: '>=0.10.0'}
  dev: true

/is-stream/1.1.0:
  resolution: {integrity: sha1-EtSj3U5o4Lec6428hBc66A2RykQ=}
  engines: {node: '>=0.10.0'}
  dev: true

/is-typedarray/1.0.0:
  resolution: {integrity: sha1-5HnICFjfDBsR3dppQP1gEfzaSpo=}
  dev: true

/is-unicode-supported/0.1.0:
  resolution: {integrity: sha512-
knxG2q4UC3u8stRGyAVJCOdxFmv5DZiRcdIIaAQXAbSfJya+OhopNotLQrstBhququ4ZpuKbDc/8S6mgXgPFPw
==}
  engines: {node: '>=10'}
  dev: true

/is-utf8/0.2.1:
  resolution: {integrity: sha1-Sw2hRCEE0bM2NA6AeX6GXPOffXI=}
  dev: true

/is-yarn-global/0.3.0:
  resolution: {integrity: sha512-
VjSeb/IHmkoyd8ryPVIKvOCn4D1koMqY+vyqjjUfc3xyKtP4dYOxM44sZrnqQSzSds3xyOrUTLTC9LVCVgLngw
==}
  dev: true

/isarray/1.0.0:
  resolution: {integrity: sha1-u5NdsFgsuhaMBoNJV6VKPgcSTxE=}
  dev: true

/isexe/2.0.0:
  resolution: {integrity: sha1-6PvzdNxVb/iUehDcsFctYz8s+hA=}
  dev: true

/isurl/1.0.0:
  resolution: {integrity: sha512-
1P/yWsxPIDtn7QeRD+ULKQPaIaN6yF368GZ2vDfv0AL0NwpStafjWCDDdn0k8wgFMWpVAqG7oJhxHnlud42i
9w==}
  engines: {node: '>= 4'}
  dependencies:
    has-to-string-tag-x: 1.4.1
```

is-object: 1.0.2

dev: true

/json-buffer/3.0.0:

resolution: {integrity: sha1-Wx85evx11ne96Lz8Dkfh+aPZqJg=}

dev: true

/json-buffer/3.0.1:

resolution: {integrity: sha512-

4bV5BfR2mqfQJTJm+V5tPPdf+ZpuhiIvTuAB5g8kcrXOZpTT/QwwVRWBywX1ozr6lEuPdbHxwaJlm9G6mI2sfSQ==}

dev: true

/json-stringify-safe/5.0.1:

resolution: {integrity: sha1-Epai1Y/UXxmg9s4B1lcB4sc1tus=}

dev: true

/jsonfile/6.1.0:

resolution: {integrity: sha512-

5dgnDWOriYSm5cnYaJNhalLNDKOqFwyDB/rr1E9ZsGciGvKPs8R2xYGCacuf3z6K1YKDz182fd+fY3cn3pMqXQ==}

dependencies:

universalify: 2.0.0

optionalDependencies:

graceful-fs: 4.2.9

dev: true

/junk/3.1.0:

resolution: {integrity: sha512-

pBxcB3Lfc8QVgdggvZWyeys+hnrNWg4OcZIU/1X59k5jQdLb1CsYGRQaz234SqrLTCgMH00fY0xRJH+F9METQ==}

engines: {node: '>=8'}

dev: true

/keyv/3.0.0:

resolution: {integrity: sha512-

eguHnq22OE3uVoSYG0LVWNP+4ppamWr9+zWBe1bsNcovIMy6huUJFPgy4mGwCd/rnl3vOLGW1MTlu4c57CT1xA==}

dependencies:

json-buffer: 3.0.0

dev: true

/keyv/3.1.0:

resolution: {integrity: sha512-

9ykJ/46SN/9KPM/sichzQ7OvXyGDYKGTaDIKMGCAl2UK8KRy4jb0d8sFc+0Tt0YYnThq8X2RZgCg74RPxgcVA==}

dependencies:

json-buffer: 3.0.0

dev: true

/keyv/4.0.5:

resolution: {integrity: sha512-531pkGLqV3BMg0eDqqJFI0R1mkK1Nm5xIP2mM6keP5P8WfFtCkg2IOwplTUmlGoTgI9yQYZ/kdihhz89XH3vA==}

dependencies:

json-buffer: 3.0.1

dev: true

/kleur/4.1.4:

resolution: {integrity: sha512-8QADVssbrFjivHWQU7KkMgptGTl6WAcSdlbBPY4uNF+mWr6DGcKrvY2w4FQJoXch7+fKMjj0dRrL75vk3k230A==}

engines: {node: '>=6'}

dev: true

/latest-version/5.1.0:

resolution: {integrity: sha512-weT+r0kTkRQdCdYCNtkMwWXQTMeswKrFBkm4ckQOMVhhqhIMI1UT2hMj+1iigIhgSZm5gTmrRXBNoGUgaTY1xA==}

engines: {node: '>=8'}

dependencies:

package-json: 6.5.0

dev: true

/load-json-file/1.1.0:

resolution: {integrity: sha1-lWkFcI1YtLq0wiYbBPWfMcmTdMA=}

engines: {node: '>=0.10.0'}

dependencies:

graceful-fs: 4.2.9

parse-json: 2.2.0

pify: 2.3.0

pinkie-promise: 2.0.1

strip-bom: 2.0.0

dev: true

/lodash/4.17.21:

resolution: {integrity: sha512-v2kDEe57lecTulaDiUwNTPy3Ry4gLGJ6ZlO3vE1krgXZNrsQ+LFTGHVxVjcxPs17LhbZVGedAJv8XZ1tvj5FvSg==}

dev: true

/log-symbols/4.1.0:

resolution: {integrity: sha512-8XPvpAA8uyhfteu8pIvQxpJZ7SYYdpUivZpGy6sFsBuKRY/7rQGavedeB8aK+Zkyq6upMFVL/9AW6vOYzfRyLg==}

engines: {node: '>=10'}
dependencies:
 chalk: 4.1.2
 is-unicode-supported: 0.1.0
dev: true

/logalot/2.1.0:
 resolution: {integrity: sha1-X46MkNME7fEIMJUaVVSruMXj9VI=}
 engines: {node: '>=0.10.0'}
 dependencies:
 figures: 1.7.0
 squeak: 1.3.0
dev: true

/longest/1.0.1:
 resolution: {integrity: sha1-MKCy2jj3N3DoKUoNIuZiXtd9AJc=}
 engines: {node: '>=0.10.0'}
dev: true

/loud-rejection/1.6.0:
 resolution: {integrity: sha1-W0b4AUft7leIcPCG0Eghz5mOVR8=}
 engines: {node: '>=0.10.0'}
 dependencies:
 currently-unhandled: 0.4.1
 signal-exit: 3.0.6
dev: true

/lowercase-keys/1.0.0:
 resolution: {integrity: sha1-TjNms55/VFfjXxMkvfb4jQv8cwY=}
 engines: {node: '>=0.10.0'}
dev:
true

/lowercase-keys/1.0.1:
 resolution: {integrity: sha512-G2Lj61tXDNVFFOi8VZds+SoQjtQC3dgokKdDG2mTm1tx4m50NUHBOZSBwQQHy0V12A0JTG4icfZQH+xPyh8VA==}
 engines: {node: '>=0.10.0'}
dev: true

/lowercase-keys/2.0.0:
 resolution: {integrity: sha512-tqNXrS78oMOE73NMxK4EMLQsQowWf8jKooH9g7xPavRT706R6bkQJ6DY2Te7QukaZsulxa30wQ7bk0pm4XiHmA==}
 engines: {node: '>=8'}
dev: true

/lpad-align/1.1.2:

resolution: {integrity: sha1-IfYArBwwlcPG5JfuZyce4ISB/p4=}
engines: {node: '>=0.10.0'}
hasBin: true
dependencies:
 get-stdin: 4.0.1
 indent-string: 2.1.0
 longest: 1.0.1
 meow: 3.7.0
dev: true

/lru-cache/4.1.5:
resolution: {integrity: sha512-
sWZlBEP2OsHNkXrMl5GYk/jKk70MBng6UU4YI/qGDYbgf6YbP4EvmqISbXCoJiRKs+1bSpFHVgQxvJ17F2li5
g==}
dependencies:
 pseudomap: 1.0.2
 yallist: 2.1.2
dev: true

/lru-cache/6.0.0:
resolution: {integrity: sha512-
Jo6dJ04CmSjuznwJSS3pUeWmd/H0ffTlkXXgwZi+eq1UCmqQwCh+eLsYOYCwY991i2Fah4h1BEMCx4qThGbs
iA==}
engines: {node: '>=10'}
dependencies:
 yallist: 4.0.0
dev: true

/magic-string/0.25.7:
resolution: {integrity: sha512-
4CrMT5DOHTDk4HYDlzmwu4FVCCcIYI8gauveasrdCu2IKIF0J3f0v/8MDGJCDL9oD2ppz/Av1b0Nj345H9M+XI
A==}
dependencies:
 sourcemap-codec: 1.4.8
dev: true

/make-dir/1.3.0:
resolution: {integrity: sha512-
2w31R7SJtieJnQtGc7RVL2StM2vGYVfqUOvUDxH6bC6aJTxPxTF0GnIgCyu7tjockiUWAYQRbxa7vKn34s5sQ
==}
engines: {node: '>=4'}
dependencies:
 pify: 3.0.0
dev: true

/make-dir/3.1.0:
resolution: {integrity: sha512-
g3FeP20LNwhALb/6Cz6Dd4F2ngze0jz7tbzrD2wAV+o9FeNHe4rL+yK2md0J/fiSf1sa1ADhXqi5+oVwOM/eGw=

```

=}
  engines: {node: '>=8'}
  dependencies:
    semver: 6.3.0
  dev: true

/map-obj/1.0.1:
  resolution: {integrity: sha1-2TPOuSBdgr3PSIb2dCvcK03qFG0=}
  engines: {node: '>=0.10.0'}
  dev: true

/matcher/3.0.0:
  resolution: {integrity: sha512-
OkeDaAZ/bQCxeFAozM55PKcKU0yJMPGifLwV4Qgjitu+5MoAfSQN4lsLJeXZ1b8w0x+/Emda6MZgXS1jvsapn
g==}
  engines: {node: '>=10'}
  dependencies:
    escape-string-regexp: 4.0.0
  dev: true

/meow/3.7.0:
  resolution: {integrity: sha1-cstmi0JSKcKku/qFaJJYcwioAfs=}
  engines: {node: '>=0.10.0'}
  dependencies:
    camelcase-keys: 2.1.0
    decamelize: 1.2.0
    loud-rejection: 1.6.0
    map-obj: 1.0.1
    minimist: 1.2.5
    normalize-package-data: 2.5.0
    object-assign: 4.1.1
    read-pkg-up: 1.0.1
    redent: 1.0.0
    trim-newlines: 1.0.0
  dev: true

/merge2/1.4.1:
  resolution: {integrity: sha512-
8q7VEgMJW4J8tcfVPy8g09NcQwZdbwFEqhe/WZkoIzjn/3TGDwtOCYtXGxA3O8tPzpczCCDgv+P2P5y00ZJOO
g==}
  engines: {node: '>= 8'}
  dev: true

/micromatch/4.0.4:
  resolution: {integrity: sha512-
pRmzw/XUcwXGpD9aI9q/0XOwLNygiETJ8y0ao0wdqprzDa4YnxLcz7fQRZr8voh8V10kGhABbNcHVk5wHgW
wg==}
  engines: {node: '>=8.6'}

```

dependencies:

braces: 3.0.2

picomatch: 2.3.1

dev: true

/mime-db/1.51.0:

resolution: {integrity:

sha512-

5y8A56jg7XVQx2mbv1lu49NR4dokRnhZYTtL+KGfaa27uq4pSTXkwQkFJl4pkRMynFz/EtYDSkiiEHx3F7UN6g
==}

engines: {node: '>= 0.6'}

dev: true

/mimic-fn/2.1.0:

resolution: {integrity: sha512-

OqbOk5oEQeAZ8WXYdlu9HJjz9WVdElvamMCCxmuqUYjTknH/sqsWvhQ3vgwKFRR1HpjvNBKQ37nbJgYz
GqGcg==}

engines: {node: '>=6'}

dev: true

/mimic-response/1.0.1:

resolution: {integrity: sha512-

j5EctnkH7amfV/q5Hgmoyalg2QHFJRraOtmx0JpIqkxhBhI/IJS11nMpQ45hVarwNETOoWEimndZ4QKORHxuxQ=
=}

engines: {node: '>=4'}

dev: true

/mimic-response/2.1.0:

resolution: {integrity: sha512-

wXqjST+SLt7R009ySCglWBCFpjUygmCifD790/kVbiGmUgfYGuB14PiTd5DwVxSV4NcYHjzMkoj5LjQZwTQ
LEA==}

engines: {node: '>=8'}

dev: true

/mimic-response/3.1.0:

resolution: {integrity: sha512-

z0yWI+4FDrrweS8Zmt4Ej5HdJmky15+L2e6Wgn3+iK5fWzb6T3fhNFq2+MeTRb064c6Wr4N/wv0DzQTjNzHNG
Q==}

engines: {node: '>=10'}

dev: true

/min-indent/1.0.1:

resolution: {integrity: sha512-

I9jwMn07Sy/IwOj3zVkJk2JTVgpaykDZEigL6Rx6N9LbMywwUSMtxET+7IVoDLLd3O3IXwJwvuuns8UB/HeA
g==}

engines: {node: '>=4'}

dev: true

```
/minimatch/3.0.4:  
  resolution: {integrity: sha512-  
yJHVQEHyqPLUTgt9B83PXu6W3rx4MvvHvSUvToogpwoGDOUQ+yDrR0HRot+yOCdCO7u4hX3pWft6kWBBC  
qh0UA==}  
  dependencies:  
    brace-expansion: 1.1.11  
  dev: true
```

```
/minimist/1.2.5:  
  resolution: {integrity: sha512-  
FM9nNUYrRBAELZQT3xeZQ7fmMOBg6nWNmJKTcgsJeaLstP/UODVpGsr5OhXhhXg6f+qtJ8uiZ+PUxkDWcg  
IXLw==}  
  dev: true
```

```
/mkdirp-classic/0.5.3:  
  resolution: {integrity: sha512-  
gKLCrEMhtuZRwRAfqP3RfW+TK4JqApVBtOiftVgjuABpAtpxhPGaDcfvbnNvD0B8iD1oUr/txX35NjcaY6Ns/A  
==}  
  dev: true
```

```
/mkdirp/0.5.5:  
  resolution: {integrity: sha512-  
NKmAIESf6jMGym1++R0Ra7wvhV+wFW63FaSOPfWRahvea0gMUcGUhVeAg/0BC0wiv9ih5NYPB1Wn1UEI1  
/L+xQ==}  
  hasBin: true  
  dependencies:  
    minimist: 1.2.5  
  dev: true
```

```
/mri/1.2.0:  
  resolution: {integrity: sha512-  
tzzskb3bG8LvYGGFF/mDTpq3jpI6Q9wc3LEmBaghu+DdCcss1FakN7Bc0hVNmEyGq1bq3RgfkCb3cmQLpNPOro  
A==}  
  engines:  
    {node: '>=4'}  
  dev: true
```

```
/ms/2.1.2:  
  resolution: {integrity: sha512-  
sGkPx+VjMtmA6MX27oA4FBFELFCZZ4S4XqeGOXCv68tT+tb3vk/RyaKWP0PTKyWtmLSM0b+adUTEvbs1P  
EaH2w==}  
  dev: true
```

```
/ms/2.1.3:  
  resolution: {integrity: sha512-  
6FlzubTLZG3J2a/NVCAleEhjqz5oxgHyaCU9yYXvcLsvoVaHJq/s5xXI6/XXP6tz7R9xAOtHnSO/tXtF3WRTIA==  
}  
  dev: true
```

```
/mute-stream/0.0.8:
  resolution: {integrity: sha512-
nbnWWOkoWyUsTjKrhgD0dcz22mdkSnpYqbEjIm2nhwhuxlSkpywJmBo8h0ZqJdkp73mb90SssHkN4rsRaBAfA
A==}
  dev: true

/nanoid/3.2.0:
  resolution: {integrity: sha512-
fmsZYa9lpn69Ad5eDn7FMcnnSR+8R34W9qJEijxYhTbfOWzr22n1QxCMzXLK+ODyW2973V3Fux959iQoUxzU
IA==}
  engines: {node: ^10 || ^12 || ^13.7 || ^14 || >=15.0.1}
  hasBin: true
  dev: true

/napi-build-utils/1.0.2:
  resolution: {integrity: sha512-
ONmRUqK7zj7DWX0D9ADe03wbwOBZxNAff20PIGfCWQcD3+/MakSHIhrMqx9YwPTfxDdF1zLeL+RGZiR9
kGMLdg==}
  dev: true

/nice-try/1.0.5:
  resolution: {integrity: sha512-
1nh45deeb5olNY7eX82BkPO7SSxR5SSYJiPTTrTdFUVYwAl8CKMA5N9PjTYkHiRjisVcxcQ1HXdlhx2qxxJzLN
Q==}
  dev: true

/node-abi/2.30.1:
  resolution: {integrity: sha512-
/2D0wOQPgaUWzVSVgRMx+trKJRC2UG4SUc4oCJoXx9Uxjtp0Vy3/kt7zcbxHF8+Z/pK3UloLWzBISg72brfy1w
==}
  dependencies:
    semver: 5.7.1
  dev: true

/node-addon-api/3.2.1:
  resolution: {integrity: sha512-
mmcei9JghVNDYydghQmeDX8KoAm0FAiYyIcUt/N4nhyAipB17pllZQDOJD2fotxABnt4Mdz+dKTO7eftLg4d0
A==}
  dev: true

/normalize-package-data/2.5.0:
  resolution: {integrity: sha512-
/5CMN3T0R4XTj4DcGaexo+roZSdSFw/0AOOTROrjxzCG1wrWXEsGbrKEvjIIL+ZDE4sZIJr5ED4YW0yqmkK
+eA==}
  dependencies:
    hosted-git-info: 2.8.9
    resolve: 1.22.0
```

semver: 5.7.1
validate-npm-package-license: 3.0.4
dev: true

/normalize-path/3.0.0:
resolution: {integrity: sha512-6eZs5Ls3WtCisHWp9S2GUy8dqkpGi4BVSz3GaqiE6ezub0512ESztXUwUB6C6IKbQkY2Pnb/mD4WYojCRwcvLA==}
engines: {node: '>=0.10.0'}
dev: true

/normalize-url/2.0.1:
resolution: {integrity: sha512-D6MUW4K/VzoJ4rJ01JFKxDrtY1v9wrgzCX5f2qj/lzH1m/1W6MhUZFKerVsnyjOhOsYzI9Kqqak+10l4LvLpMw==}
engines: {node: '>=4'}
dependencies:
 prepend-http: 2.0.0
 query-string: 5.1.1
 sort-keys: 2.0.0
dev: true

/normalize-url/4.5.1:
resolution: {integrity: sha512-9UZCFRHDnNrfTpGg8+1INig93B6zE0aXMFkw1WFwvO4SIzYwU6aLg5Of0Ap/PgcbSw4LNxvMWXMeugwMCX0AA==}
engines: {node: '>=8'}
dev: true

/normalize-url/6.1.0:
resolution: {integrity: sha512-DIL+XwOy3NxAQ8xuC0okPgK46iuVNAK01YN7RueYBqqFeGsBjV9XmCAzAdgt+667bCl5kPh9EqKKDwnaPG1I7A==}
engines: {node: '>=10'}
dev: true

/npm-conf/1.1.3:
resolution: {integrity: sha512-Yic4bZHZJOT9RCFbRP3GgpqhScOY4HH3V2P8yBj6CeYq118Qr+BLXqT2JvpJ00mryLESpgOxf5XIFv4ZjXxLScw==}
engines: {node: '>=4'}
dependencies:
 config-chain: 1.1.13
 pify: 3.0.0
dev: true

/npm-run-path/2.0.2:
resolution: {integrity: sha1-NakjLfo11wZ7TLLd8jV7GHFTbF8=}

engines: {node: '>=4'}

dependencies:

path-key: 2.0.1

dev: true

/npmlog/4.1.2:

resolution: {integrity: sha512-

2uUqazuKITaSI/dC8AzicUck7+IrEaOnN/e0jd3Xtt1KcGpwx30v50mL7oPyr/h9bL3E4aZccVwpwP+5W9Vjkg==}

dependencies:

are-we-there-yet: 1.1.7

console-control-strings: 1.1.0

gauge: 2.7.4

set-blocking: 2.0.0

dev: true

/number-is-nan/1.0.1:

resolution: {integrity: sha1-CXtgK1NCKIIsGvuHkDGDNPQaAR0=}

engines: {node: '>=0.10.0'}

dev: true

/object-assign/4.1.1:

resolution: {integrity: sha1-IQmtx5ZYh8/AXLvUQsrIv7s2CGM=}

engines: {node: '>=0.10.0'}

dev: true

/object-keys/1.1.1:

resolution: {integrity: sha512-

NuAESUOUMrlIXOfHKzD6bpPu3tYt3xvjdNdRIQ+FeT0lNb4K8WR70CaDxhuNguS2XG+GjkyMwOzsN5ZktImf
hLA==}

engines: {node: '>= 0.4'}

dev: true

/once/1.4.0:

resolution: {integrity: sha1-WDsap3WWHUsROsF9nFC6753Xa9E=}

dependencies:

wrappy: 1.0.2

dev: true

/onetime/5.1.2:

resolution: {integrity: sha512-

kbpaSSGJTWdAY5KPVeMOKXSrPtr8C8C7wodJbcsd51jRnmD+GZu8Y0VoU6Dm5Z4vWr0Ig/1NKuWRKf7j5aa
YSg==}

engines: {node: '>=6'}

dependencies:

mimic-fn: 2.1.0

dev: true

/optipng-bin/7.0.1:

```
  resolution: {integrity: sha512-
W99mpdW7Nt2PpFiaO+74pkht7KEqkXkeRomdWXfEz3SALZ6hns81y/pm1dsGZ6ItUIfchiNIP6ORDr1zETU1jA
==}
  engines: {node: '>=10'}
  hasBin: true
  requiresBuild: true
  dependencies:
    bin-build: 3.0.0
    bin-wrapper: 4.1.0
  dev: true
```

/ora/5.4.1:

```
  resolution: {integrity: sha512-
5b6Y85tPxZZ7QytO+BQzysW31HJku27cRIlkbAXaNx+BdcVi+LIRFmVXzeF6a7JCwJpyw5c4b+YSVImQIrBpu
Q==}
  engines: {node: '>=10'}
  dependencies:
    bl: 4.1.0
    chalk: 4.1.2
    cli-cursor: 3.1.0
    cli-spinners: 2.6.1
    is-interactive: 1.0.0
    is-unicode-supported: 0.1.0
    log-symbols: 4.1.0
    strip-ansi: 6.0.1
    wcwidth: 1.0.1
  dev: true
```

/os-filter-obj/2.0.0:

```
  resolution: {integrity: sha512-
uksVLSqG3pVdzzPvmAHpBK0wKxYItuzZr7SziusRPoz67tGV8rL1szZ6IdeUrbqLjGDwApBtN29eEE3IqGHOjg=
=}
  engines: {node: '>=4'}

  dependencies:
    arch: 2.2.0
  dev: true
```

/os-tmpdir/1.0.2:

```
  resolution: {integrity: sha1-u+Z0BseaqFxc/sdm/lc0VV36EnQ=}
  engines: {node: '>=0.10.0'}
  dev: true
```

/p-cancelable/0.3.0:

```
  resolution: {integrity: sha512-
RVbZPLso8+jFeq1MfNvgXtCRED2raz/dKpacfTNxxs6pLEpEomM7gah6VeHSYV3+vo0OAi4MkArtQcWWXuQ
oyw==}
  engines: {node: '>=4'}
```

dev: true

/p-cancelable/0.4.1:

resolution: {integrity: sha512-

HNa1A8LvB1kie7cERyy21VNeHb2CWJJYqyyC2o3klWFFMGIFmWv2Z7sFgZH8ZiaYL95ydToKTFVXgMV/Os0bBQ==}

engines: {node: '>=4'}

dev: true

/p-cancelable/1.1.0:

resolution: {integrity: sha512-

s73XxOZ4zpt1edZYZzvqhFa6uvQc1vwUa0K0BdtIZgQMAJj9IbebH+JkgKZc9h+B05PKHLOTl4ajG1BmNrVZlw==}

engines: {node: '>=6'}

dev: true

/p-cancelable/2.1.1:

resolution: {integrity: sha512-

BZOr3nRQHOntUjTrH8+Lh54smKHoHyr8We1V8DSMVrl5A2malOOwuJRnKRDjSnkoeBh4at6BwEnb5I7Jl31wg==}

engines: {node: '>=8'}

dev: true

/p-event/1.3.0:

resolution: {integrity: sha1-jmtPT2XHK8W2/ii3XtqHT5akoIU=}

engines: {node: '>=4'}

dependencies:

p-timeout: 1.2.1

dev: true

/p-event/2.3.1:

resolution: {integrity: sha512-

NQCqOFhbpVTMX4qMe8PF8lbGtzZ+LCiN7pcNrb/413Na7+TRoe1xkKUzuWa/YEJdGQ0FvKtj35EEbDoVPO2kbA==}

engines: {node: '>=6'}

dependencies:

p-timeout: 2.0.1

dev: true

/p-finally/1.0.0:

resolution: {integrity: sha1-P7z7FbiZpEEjs0ttzBi3JDNqLK4=}

engines: {node: '>=4'}

dev: true

/p-is-promise/1.1.0:

resolution: {integrity: sha1-nJRWmJ6fZYGBeWQ01WCXZ1w9oF4=}

engines: {node: '>=4'}

dev: true

```
/p-map-series/1.0.0:
  resolution: {integrity: sha1-v5j+V1cFZYqeE1G++4WuTB8Hvco=}
  engines: {node: '>=4'}
  dependencies:
    p-reduce: 1.0.0
  dev: true

/p-pipe/4.0.0:
  resolution: {integrity: sha512-
  HkPfFklpZQPUKBFXzKFB6ihLriIHxnmuQdK9WmLDwe4hf2PdhhfWT/FJa+pc3bA1yvvKXtedxIRmd4Y7BTXE
  4w==}
  engines: {node: '>=12'}
  dev: true

/p-reduce/1.0.0:
  resolution: {integrity: sha1-GMKw3ZNqRpClKfgjH1ig/bakffo=}
  engines: {node: '>=4'}
  dev: true

/p-timeout/1.2.1:
  resolution: {integrity: sha1-XrOzU7f86Z8QGhA4iAuwVOu+o4Y=}
  engines: {node: '>=4'}
  dependencies:
    p-finally: 1.0.0
  dev: true

/p-timeout/2.0.1:
  resolution: {integrity: sha512-
  88em58dDVB/KzPEx1X0N3LwFfYZPyDc4B6eF38M1rk9VTZMbxXXgjugz8mmwpS9Ox4BDZ+t6t3QP5+/gazw
  eIA==}
  engines: {node: '>=4'}
  dependencies:
    p-finally: 1.0.0
  dev: true

/p-try/2.2.0:
  resolution: {integrity: sha512-
  R4nPAVTAU0B9D35/Gk3uJf/7XYbQcyohSKdvAxIRSNghFl4e71hVoGnBNQz9cWaXxO2I10KTC+3jMdvvoKw
  6dQ==}
  engines: {node: '>=6'}
  dev: true

/package-json/6.5.0:
  resolution: {integrity: sha512-
  k3bdm2n25tkyxcjSKzB5x8kfVxIMdgsbPr0GkZcwHsLpba6cBjqCt1KlcChKEvxHIcTB1FVMuwoijZ26xex5MQ==
  }
  engines: {node: '>=8'}
```

dependencies:

got: 9.6.0

registry-auth-token: 4.2.1

registry-url: 5.1.0

semver: 6.3.0

dev: true

/parent-module/1.0.1:

resolution: {integrity: sha512-GQ2EWRpQV8/o+Aw8YqtfZZPfNRWZYkbidE9k5rpl/hC3vtHhBfGm2Ifi6qWV+coDGkrUKZAxE3Lot5kcsRlh+g==}

engines: {node: '>=6'}

dependencies:

callsites: 3.1.0

dev: true

/parse-json/2.2.0:

resolution: {integrity: sha1-9ID0BDTvgHQfhGkJn43qGPVaTck=}

engines: {node: '>=0.10.0'}

dependencies:

error-ex: 1.3.2

dev: true

/path-exists/2.1.0:

resolution: {integrity: sha1-D+tsZPD8UY2adU3V77YscCJ2H0s=}

engines: {node: '>=0.10.0'}

dependencies:

pinkie-promise: 2.0.1

dev: true

/path-is-absolute/1.0.1:

resolution: {integrity: sha1-F0uSaHNVNP+8es5r9TpanhtcX18=}

engines: {node: '>=0.10.0'}

dev: true

/path-key/2.0.1:

resolution: {integrity: sha1-QRyttXTFoUDTpLGRDUDYDMn0C0A=}

engines: {node: '>=4'}

dev: true

/path-key/3.1.1:

resolution: {integrity: sha512-ojmeN0qd+y0jszEtoY48r0Peq5dwMEkIICOU6Q5f41lfkswXuKtYrhgoTpLnyIcHm24UhqX+5Tqm2InSwLhE6Q==}

engines: {node: '>=8'}

dev: true

/path-parse/1.0.7:

```
  resolution:
    {integrity: sha512-
LDJzPVEEEPR+y48z93A0Ed0yXb8pABYGW0/k5YYdYgpY2/2EsOsksJrq7IOHxryrVOn1ejG6oAp8ahvOIQD8s
w==}
  dev: true

/path-type/1.1.0:
  resolution: {integrity: sha1-WcRPfuSR2nBNpBXaWkBwuk+P5EE=}
  engines: {node: '>=0.10.0'}
  dependencies:
    graceful-fs: 4.2.9
    pify: 2.3.0
    pinkie-promise: 2.0.1
  dev: true

/path-type/4.0.0:
  resolution: {integrity: sha512-
gDKb8aZMDeD/tZWs9P6+q0J9Mwkd16xMV8TjnGP3qJVJ06bdMgkbBILU8IdfOIsFz2BW1rNVT3XuNEI8zPAv
w==}
  engines: {node: '>=8'}
  dev: true

/peek-readable/4.0.2:
  resolution: {integrity: sha512-
9fMaz6zoxw9ypO1KZy5RDJgSupEtu0Q+g/OqqsvHX3rKGR8qehRLYzsFARZ4bVvdvfkKiXvuDbkMnO1g6cR
pQ==}
  engines: {node: '>=8'}
  dev: true

/pend/1.2.0:
  resolution: {integrity: sha1-elfrVQpng/kRUzH89GY9XI4AelA=}
  dev: true

/picocolors/1.0.0:
  resolution: {integrity: sha512-
1fygroTLiHu66zi26VoTDv8yRgm0Fccecssto+MhsZ0D/DGW2sm8E8AjW7NU5VVTRt5GxbeZ5qBuJr+HyLYkjQ
==}
  dev: true

/picomatch/2.3.1:
  resolution: {integrity: sha512-
JU3teHTNjmE2VCGFzuY8EXzCDVwEqB2a8fsIvwaStHhAWJEeVd1o1QD80CU6+ZdEXXSLbSsuLwJjkCBWq
RQUVA==}
  engines: {node: '>=8.6'}
  dev: true

/pify/2.3.0:
  resolution: {integrity: sha1-7RQaasBDqEnqWISY59yosVMw6Qw=}

```

```
engines: {node: '>=0.10.0'}
dev: true

/pify/3.0.0:
  resolution: {integrity: sha1-5aSs0sEB/fPZpNB/DbxNtJ3SgXY=}
  engines: {node: '>=4'}
  dev: true

/pify/4.0.1:
  resolution: {integrity: sha512-
uB80kBFb/tfd68bVleG9T5GGsGPjJrLAUpR5PZIrhBnIaRTQRjqdJSsIKkOP6OAIIFbj7GOrcudc5pNjZ+geV2g==}
  engines: {node: '>=6'}
  dev: true

/pinkie-promise/2.0.1:
  resolution: {integrity: sha1-ITXW36ejWMBprJsXh3YogihFD/o=}
  engines: {node: '>=0.10.0'}
  dependencies:
    pinkie: 2.0.4
  dev: true

/pinkie/2.0.4:
  resolution: {integrity: sha1-clVrgM+g1IqXToDnckjoDtT3+HA=}
  engines: {node: '>=0.10.0'}
  dev: true

/png2icons/2.0.1:
  resolution: {integrity: sha512-
GDEQJr8OG4e6JMp7mABtXFSEpgJa1CCpbQiAR+EjkhHJHnUL9zPPtOrjsMD8gUbikgv3j7x404b0YJsV3aVF
A==}
  hasBin: true
  dev: true

/postcss/8.4.5:
  resolution: {integrity: sha512-
jBDboWM8qpaqwkMwItqTQTiFikhs/67OYVvblFFTM7MrZjt6yMKd6r2kgXizEbTTljacm4NldlIlnhbjr84QYg==
}
  engines: {node: '^10 || ^12 || >=14'}
  dependencies:
    nanoid: 3.2.0
    picocolors: 1.0.0
    source-map-js: 1.0.2
  dev: true

/prebuild-install/6.1.4:
  resolution: {integrity: sha512-
Z4vpywnK11Bg+zdPCVCsKq0xO66eEV9rWo2zrROGGiRS4JtueBOdlB1FnY8lcy7JsUud/Q3ijUxyWN26Ika0vQ=
=}
```

engines: {node: '>=6'}

hasBin: true

dependencies:

detect-libc: 1.0.3

expand-template: 2.0.3

github-from-package: 0.0.0

minimist: 1.2.5

mkdirp-classic: 0.5.3

napi-build-utils: 1.0.2

node-abi: 2.30.1

npmlog: 4.1.2

pump: 3.0.0

rc: 1.2.8

simple-get: 3.1.0

tar-fs: 2.1.1

tunnel-agent: 0.6.0

dev: true

/prepend-http/1.0.4:

resolution: {integrity: sha1-1PRWKwzjaW5BrFLQ4ALlemNdxtw=}

engines:

{node: '>=0.10.0'}

dev: true

/prepend-http/2.0.0:

resolution: {integrity: sha1-6SQ0v6XqjBn0HN/UAddBo8gZ2Jc=}

engines: {node: '>=4'}

dev: true

/process-nextick-args/2.0.1:

resolution: {integrity: sha512-

3ouUOpQhtgrbOa17J7+uxOTpITYWaGP7/AhoR3+A+/1e9skrzelGi/dXzEYyvbxubEF6Wn2ypscTKiKJFFn1ag==}

dev: true

/proto-list/1.2.4:

resolution: {integrity: sha1-IS1b/hMYMGpCD2QCuOJv85ZHqEk=}

dev: true

/pseudomap/1.0.2:

resolution: {integrity: sha1-8FKijacOYYkX7wqKw0wa5aaChrM=}

dev: true

/pump/3.0.0:

resolution: {integrity: sha512-

LwZy+p3SFs1Pytd/jYct4wpv49HiYCqd9Rlc5ZVdk0V+8Yzv6jR5B1k3TRmPL1ft69TxP0IMZGJ+WPFU2BFhww

==}

dependencies:

end-of-stream: 1.4.4

once: 1.4.0

dev: true

/pupa/2.1.1:

resolution: {integrity: sha512-

11jNAspIBSFqbT+y+5FosojNpVpF94nll+wDUpqP9enwOTfHx9f0gh5nB96vl+6yTpsJsypeNrwfzPrKuHB41A==}

engines: {node: '>=8'}

dependencies:

escape-goat: 2.1.1

dev: true

/query-string/5.1.1:

resolution: {integrity: sha512-

gjW0sm2SoGlgLEdAGt7a6slVok9mGiXmPFMqrEhLQ68rhQuBnpfs3+EmlvqKyxnc9/PPIF+9MtY02S1aFg+Jw

==}

engines: {node: '>=0.10.0'}

dependencies:

decode-uri-component: 0.2.0

object-assign: 4.1.1

strict-uri-encode: 1.1.0

dev: true

/queue-microtask/1.2.3:

resolution: {integrity: sha512-

NuaNSa6flKT5JaSYQzJok04JzTL1CA6aGhv5rfLW3PggA+M2ChpZQnAC8h8i4ZFkBS8X5RqkDBHA7r4hej3K9

A==}

dev: true

/quick-lru/5.1.1:

resolution: {integrity: sha512-

WuyALRjWPDGtt/wzJiadO5AXY+8hZ80hVpe6MyivgraREW751X3SbhRvG3eLKOYN+8VEvqLcf3wdnt44Z4S4

SA==}

engines: {node: '>=10'}

dev: true

/rc/1.2.8:

resolution: {integrity: sha512-

y3bGgqKj3QBdxLbLkomlohkvsA8gdAiUQISBjNBhfn+BPxg4bc62d8TcBW15wavDfgexCgcccckhCZvywyQYPOw

==}

hasBin: true

dependencies:

deep-extend: 0.6.0

ini: 1.3.8

minimist: 1.2.5

strip-json-comments: 2.0.1

dev: true

```
/read-chunk/3.2.0:  
  resolution: {integrity: sha512-  
CEjy9LCzhmD7nUpJ1oVOE6s/hBkejlCJEgLQHVnQznOSilOPb+kpKktLfFDK3/WP43+F80xkUTM2VOKYoSYv  
Q==}  
  engines: {node: '>=6'}  
  dependencies:  
    pify: 4.0.1  
    with-open-file: 0.1.7  
  dev: true
```

```
/read-pkg-up/1.0.1:  
  resolution: {integrity: sha1-nWPBMnbAZZGNV/ACpX9AobZD+wI=}  
  engines: {node: '>=0.10.0'}  
  dependencies:  
    find-up: 1.1.2  
    read-pkg: 1.1.0  
  dev: true
```

```
/read-pkg/1.1.0:  
  resolution: {integrity: sha1-9f+qXs0pyzHAR0vKfXVra7KePyg=}  
  engines: {node: '>=0.10.0'}  
  dependencies:  
    load-json-file: 1.1.0  
    normalize-package-data: 2.5.0  
    path-type: 1.1.0  
  dev: true
```

```
/readable-stream/2.3.7:  
  resolution: {integrity: sha512-  
Ebho8K4jIbHAXnuxi7o42OrZgF/ZTNcsZj6nRKYUmkhLFq8CHItp/fy6hQZuZmP/n3yZ9VBUbp4zz/mX8hmYPw=  
=}  
  dependencies:  
    core-util-is: 1.0.3  
    inherits: 2.0.4  
    isarray: 1.0.0  
    process-nextick-args: 2.0.1  
    safe-buffer: 5.1.2  
    string_decoder: 1.1.1  
    util-deprecate: 1.0.2  
  dev: true
```

```
/readable-stream/3.6.0:  
  resolution:  
{integrity: sha512-  
BViHy7LKeTz4oNnkcLJ+IVSL6vpiFeX6/d3oSH8zCW7UxP2onchk+vTGB143xuFjHS3deTgkKoXXymXqymiId  
A==}  
  engines: {node: '>= 6'}  
  dependencies:
```

inherits: 2.0.4
string_decoder: 1.3.0
util-deprecate: 1.0.2
dev: true

/readable-web-to-node-stream/3.0.2:

resolution: {integrity: sha512-ePeK6cc1EcKLEhJFt/AebMCLL+GgSKhuygrZ/GLaKZYEecIIEcf4UaUuaByiGtzckwR4ain9VzUh95T1exYGw==}
engines: {node: '>=8'}
dependencies:
 readable-stream: 3.6.0
dev: true

/readdirp/3.6.0:

resolution: {integrity: sha512-hOS089on8RduqdbhvQ5Z37A0ESjsqz6qnRcffiMU3495FuTdqSm+7bhJ29JvIOsBDEEan5DPu9t3To9VRIMzA==}
engines: {node: '>=8.10.0'}
dependencies:
 picomatch: 2.3.1
dev: true

/redent/1.0.0:

resolution: {integrity: sha1-z5Fqs1fHxbsggi3W7H9zDCr94=}
engines: {node: '>=0.10.0'}
dependencies:
 indent-string: 2.1.0
 strip-indent: 1.0.1
dev: true

/registry-auth-token/4.2.1:

resolution: {integrity: sha512-6gkSb4U6aWJB4SF2ZvLb76yCBjcvufXBqvEx1HbmKPkutswjW1xNVRy0+daljIYRbogN7O0etYSIbiaEQyMyw==}
engines: {node: '>=6.0.0'}
dependencies:
 rc: 1.2.8
dev: true

/registry-url/5.1.0:

resolution: {integrity: sha512-8acYXXTI0AkQv6RAOjE3vOaIXZkT9wo4LOFbBKYYEennMNBpKqdUrI6S4NT0KPIo/WVvJ5tE/X5LF/TQUf0ekw==}
engines: {node: '>=8'}
dependencies:
 rc: 1.2.8
dev: true

```
/repeating/2.0.1:
  resolution: {integrity: sha1-UhTFOpJtNVJwdSf7q0FdvAjQbdo=}
  engines: {node: '>=0.10.0'}
  dependencies:
    is-finite: 1.1.0
  dev: true

/replace-ext/2.0.0:
  resolution: {integrity: sha512-
UszKE5KVK6JvyD92nzMn9cDapSk6w/CaFZ96CnmDMUqH9oowfxF/ZjRITD25H4DnOQCILA4/j7jLGXXLVK
xAug==}
  engines: {node: '>= 10'}
  dev: true

/resolve-alpn/1.2.1:
  resolution: {integrity: sha512-
0a1F4I73/ZFZOakJnQ3FvkJ2+gSTQWz/r2KE5OdDY0TxPm5h4GkqkWWfM47T7HsbnOtcJVEF4epCVy6u7Q3K
+g==}
  dev: true

/resolve-from/4.0.0:
  resolution: {integrity: sha512-
pb/MYmXstAkysRFx8piNI1tGFNQIFA3vkE3Gq4EuA1dF6gHp/+vgZqsCGJapvy8N3Q+4o7FwvquPJcnZ7RYy4g
==}
  engines: {node: '>=4'}
  dev: true

/resolve/1.22.0:
  resolution: {integrity: sha512-
HhtrwOnLeSrFQ7phPp4OOcVjLPIeMnRlr5mcnVuMe7M/7eBn98A3hmFRLofFo3DLZkivSYwhRUJTyPyWak56
WLw==}
  hasBin: true
  dependencies:
    is-core-module: 2.8.1
    path-parse: 1.0.7
    supports-preserve-symlinks-flag: 1.0.0
  dev: true

/responselike/1.0.2:
  resolution: {integrity: sha1-kYcg7ztjHFZCvgaPFa3lpG9Loec=}
  dependencies:
    lowercase-keys: 1.0.1
  dev: true

/responselike/2.0.0:
  resolution: {integrity: sha512-
xH48u3FTB9VsZw7R+vvgaKeLKzT6jOogbQhEe/jewwnZgzPcnyWui2Av6JpoYZF/91uueC+lqhWqeURw5/qhCw
```

```

==}
dependencies:
  lowercase-keys: 2.0.0
dev: true

/restore-cursor/3.1.0:
  resolution: {integrity: sha512-
l+sSefzHpj5qimhFSE5a8nufZYAM3sBSVMAPtYkmC+4EH2anSGaEMXSD0izRQbu9nfyQ9y5JrVmp7E8oZrUjv
A==}
  engines: {node: '>=8'}
  dependencies:
    onetime: 5.1.2
    signal-exit: 3.0.6
  dev: true

/reusify/1.0.4:
  resolution: {integrity: sha512-
U9nH88a3fc/ekCF110/UP1IosiuIjyTh7hBvXVMHYgVcfGvt897Xgugj2UOLDeI5BG2m7/uwyaLVT6fbtCwTyzw==
}
  engines: {iojs: '>=1.0.0', node: '>=0.10.0'}
  dev: true

/rimraf/2.7.1:
  resolution: {integrity: sha512-
uWjbaKIK3T1OSVptzX7Nl6PvQ3qAGtKEtVRjRuazjfl3Bx5eI409VZSqqND+4UNnmzLVdPj9FqFJNPqBZFve4
w==}
  hasBin: true
  dependencies:
    glob: 7.2.0
  dev: true

/roarr/2.15.4:
  resolution: {integrity: sha512-
CHhPh+UNHD2GTXNYhPWLnU8ONHdI+5DI+4EYIAOaiD63rHeYIZvyh8P+in5999TTSFgUYuKUAjzRI4mdh/
p+2A==}
  engines: {node: '>=8.0'}
  dependencies:
    boolean: 3.1.4
    detect-node: 2.1.0
    globalthis: 1.0.2
    json-stringify-safe: 5.0.1
    semver-compare: 1.0.0
    sprintf-js: 1.1.2
  dev: true

/rollup/2.66.1:
  resolution: {integrity: sha512-
crSgLhSkLMnKr4s9iZ/1qJCplgAgrRY+igWv8KhG/AjKOJ0YX/WpmANyn8oxrw+zenF3BXWDLA7Xl/QZISH+7

```

```
w==}
  engines: {node: '>=10.0.0'}
  hasBin: true
  optionalDependencies:
    fsevents: 2.3.2
  dev: true

/run-async/2.4.1:
  resolution: {integrity: sha512-
tvVnVv01b8c1RrA6Ep7JkStj85Guv/YrMcwqYQnwjsAS2cTmmPGBBjAjpCW7RrSodNSoE2/qg9O4bceNvUuDg
Q==}
  engines: {node: '>=0.12.0'}
  dev: true

/run-parallel/1.2.0:
  resolution: {integrity: sha512-
5l4VyZR86LZ/IDxZTR6jqL8AFE2S0IFLMP26AbjsLVADxHdhB/c0GUsH+y39UfCi3dzz8OlQuPmnaJOMoDHQ
BA==}
  dependencies:
    queue-microtask: 1.2.3
  dev: true

/rxjs/7.5.2:
  resolution: {integrity: sha512-
PwDt186XaL3QN5qXj/H9DGyHhP3/RYYgZZwqBv9Tv8rsAaiwFH1IsJJcgD37J7UW5a6O67qX0KWKS3/pu0m
4w==}
  dependencies:
    tslib: 2.3.1
  dev: true

/sade/1.8.1:
  resolution: {integrity: sha512-
xal3CZX1Xlo/k4ApwCFrHVACi9fBqJ7V+mwhBsuf/1IOKbBy098Fex+Wa/5QMubw09pSZ/u8EY8PWgevJsXp1
A==}
  engines: {node: '>=6'}
  dependencies:
    mri: 1.2.0
  dev: true

/safe-buffer/5.1.2:
  resolution: {integrity: sha512-
Gd2UZBJDkXlY7GbJxfsE8/nvKkUEU1G38c1siN6QP6a9PT9MmHB8GnpScSmMJSofF8LOIrt8ud/wPtojys4G6+g
==}
  dev: true

/safe-buffer/5.2.1:
  resolution: {integrity: sha512-
rp3So07KcdmmKbGvgaNxQsJr7bGVSvk5S9Eq1F+ppbRo70+YeaDxkw5Dd8NPN+GD6bjnYm2VuPuCXmpuYv
```

```
mCXQ==}
  dev: true

/safer-buffer/2.1.2:
  resolution: {integrity: sha512-
YZo3K82SD7Riyi0E1EQPojLz7kpepnSQI9IyPbHHg1XXXevb5dJI7tpyN2ADxGcQbHG7vcyRHk0cbwqcQriUtg=
=}
  dev: true

/sander/0.5.1:
  resolution: {integrity: sha1-dB4kXiMfB8r7b98PEzrfohalAq0=}
  dependencies:
    es6-promise: 3.3.1
    graceful-fs: 4.2.9
    mkdirp: 0.5.5
    rimraf: 2.7.1
  dev: true

/seek-bzip/1.0.6:
  resolution: {integrity: sha512-
e1QtP3YL5tWww8uKaOCQ18UxIT2laNBXHjV/S2WYCiK4udiv8lkG89KRIOcJUagnAmCBurjF4zEVX2ByBbnC
jQ==}
  hasBin: true
  dependencies:
    commander: 2.20.3
  dev: true

/semver-compare/1.0.0:
  resolution: {integrity: sha1-De4hahyUGrN+nvsXiPavxf9VN/w=}
  dev: true

/semver-diff/3.1.1:
  resolution: {integrity: sha512-
GX0Ix/CJcHyB8c4ykpHGIAvLyOwOobtM/8d+TQkAd81/bEjgPHrfba41Vpesr7jX/t8Uh+R3EX9eAS5be+jQYg==
}
  engines: {node: '>=8'}
  dependencies:
    semver: 6.3.0
  dev: true

/semver-regex/2.0.0:
  resolution: {integrity: sha512-
mUdIBBvdn0PLOeP3TEkMH7HHeUP3GjsXCwKarjv/kGmUFOYg1VqEemKhoQpWMu6X2I8kHeuVdGibLGkV
K+/5Qw==}
  engines: {node: '>=6'}
  dev: true

/semver-truncate/1.1.2:
```

```

resolution: {integrity: sha1-V/Qd5pcHpicJp+AQS6IRcQnqR+g=}
engines: {node: '>=0.10.0'}
dependencies:
  semver: 5.7.1
dev: true

/semver/5.7.1:
  resolution: {integrity: sha512-
sauaDf/PZdVgrLTNYHRtpXa1iRiKcaebiKQ1BJdpQIWH2ICvexQdX55snPFyK7QzpuDqbCI0qXFfOasHdyNDGQ
==}
  hasBin: true
  dev: true

/semver/6.3.0:
  resolution: {integrity: sha512-
b39TBaTSfV6yBrapU89p5fKekE2m/NwnDocOVruQFS1/veMgdzuPcnOM34M6CwxW8jH/lxEa5rBoDeUwu5HH
Tw==}
  hasBin: true
  dev: true

/semver/7.3.5:
  resolution: {integrity: sha512-
PoeGJYh8HK4BTO/a9Tf6ZG3veo/A7ZVsYrSA6J8ny9nb3B1VrpkUN+z9OE5wFE5p6H4LchYZsegiQgbJD94ZfQ
==}
  engines: {node: '>=10'}
  hasBin: true
  dependencies:
    lru-cache: 6.0.0
  dev: true

/serialize-error/7.0.1:
  resolution: {integrity: sha512-
8I8TjW5KMOKsZQTvoxjuSia7foAwPWGOts+6o7sgjz41/qMD9VQHEDxi6PBvK2i0MXUmqZyNpUK+T2tQaaE
lvw==}
  engines: {node: '>=10'}
  dependencies:
    type-fest: 0.13.1
  dev: true

/set-blocking/2.0.0:
  resolution: {integrity: sha1-BF+XgtARrppoA93TgrJDkrPYkPc=}
  dev: true

/sharp/0.28.3:
  resolution: {integrity: sha512-
21GEP45Rmr7q2qcmdnjDkNP04Ooh5v0laGS5FDpojOO84D1DJwUijLiSq8XNNM6e8aGXYtoYRh3sVNdm8Nod
MA==}
  engines: {node: '>=10'}

```

requiresBuild: true
dependencies:
 color: 3.2.1
 detect-libc: 1.0.3
 node-addon-api: 3.2.1
 prebuild-install: 6.1.4
 semver: 7.3.5
 simple-get: 3.1.0
 tar-fs: 2.1.1
 tunnel-agent: 0.6.0
dev: true

/shebang-command/1.2.0:
 resolution: {integrity: sha1-RKrwGW2lbAzmJaMOfNj/uXer98eo=}
 engines: {node: '>=0.10.0'}
 dependencies:
 shebang-regex: 1.0.0
dev: true

/shebang-command/2.0.0:
 resolution: {integrity: sha512-kHxr2zZpYtdmrN1qDjrrX/Z1rR1kG8Dx+gkpK1G4eXmvXswmcE1hTWBwYUzIraYw1/yZp6YuDY77YtvbN0dmDA==}
 engines: {node: '>=8'}
 dependencies:
 shebang-regex: 3.0.0
dev: true

/shebang-regex/1.0.0:
 resolution: {integrity: sha1-2kL010DAcC2yypcoVxyxkMmO/qM=}
 engines: {node: '>=0.10.0'}
dev: true

/shebang-regex/3.0.0:
 resolution: {integrity: sha512-7++dFhtcx3353uBaq8DDR4NuxBetBzC7ZQOhmTQInHEd6bSrXdiEyzCvG07Z44UYdLShWUyXt5M/yhz8ekcb1A==}
 engines: {node: '>=8'}
dev: true

/signal-exit/3.0.6:
 resolution: {integrity: sha512-sDl1qMFpjcGw22U5w63KmD3cZJfBuFIVNbVMKje2keoKML7X2UzWbc4XrmEbDwg0NXJc3yv4/ox7b+JWb57kQ==}
dev: true

/simple-concat/1.0.1:
 resolution: {integrity: sha512-

cSFtAPtRhIjv69IK0hTVZQ+OfE9nePi/rtJmw5UjHeVyVroEqJXP1sFztKUy1qU+xvz3u/sfYJLa947b7nAN2Q==}

dev: true

/simple-get/3.1.0:

resolution: {integrity: sha512-

bCR6cP+aTdScaQCnQKbPKtJOKDp/hj9EDLJo3Nw4y1QksqaovlW/bnptB6/c1e+qmNIDHRK+oXFDdEqBT8Wz
UA==}

dependencies:

decompress-response: 4.2.1

once: 1.4.0

simple-concat: 1.0.1

dev: true

/simple-swizzle/0.2.2:

resolution: {integrity: sha1-pNprY1/8zMoz9w0Xy5JZLeleVXo=}

dependencies:

is-arrayish: 0.3.2

dev: true

/slash/3.0.0:

resolution: {integrity: sha512-

g9Q1haeby36OSStwb4ntCGGGaKsaVSjQ68fBxoQcutl5fS1vuY18H3wSt3jFyFtrkx+Kz0V1G85A4MyAdDMi2Q=
=}

engines: {node: '>=8'}

dev: true

/slash/4.0.0:

resolution: {integrity: sha512-

3dOsAHXXUkQTpOYcoAxLIorMTp4gIQR5IW3iVb7A7lFIp0VHhynm9izx6TssdrIcVIESAIVjtnO2K8bg+Coew
==}

engines: {node: '>=12'}

dev: true

/sorcery/0.10.0:

resolution: {integrity: sha1-iukK19fLBfxZ8asMY3hF1cFaUrc=}

hasBin: true

dependencies:

buffer-crc32: 0.2.13

minimist: 1.2.5

sander: 0.5.1

source-map-codec: 1.4.8

dev: true

/sort-keys-length/1.0.1:

resolution: {integrity: sha1-nLb09OnkgVWmqgZx7dM2/xR5oYg=}

engines: {node: '>=0.10.0'}

dependencies:

sort-keys: 1.1.2

dev: true

/sort-keys/1.1.2:

resolution: {integrity: sha1-RBttTTRnmPG05J6JIK37oOVD+a0=}

engines: {node: '>=0.10.0'}

dependencies:

is-plain-obj: 1.1.0

dev: true

/sort-keys/2.0.0:

resolution: {integrity: sha1-ZYU1WEhh7JfXMNbpQYIuH1ZoQSg=}

engines: {node: '>=4'}

dependencies:

is-plain-obj: 1.1.0

dev: true

/source-map-js/1.0.2:

resolution: {integrity: sha512-

R0XvVJ9WusLiqTCEiGCMlCCMplcCkIwwR11mOSD9CR5u+IXYdiseeEuXCVAjS54zqwkLcPNnmU4OeJ6tUrWhDw==}

engines: {node: '>=0.10.0'}

dev: true

/source-map/0.7.3:

resolution: {integrity: sha512-

CkCj6giN3S+n9qrYiBTX5gystlENnRW5jZeNLHpe6aue+SrHcG5VYwujhW9s4dY31mEGsxBDHR6oI69fTXsaQ==}

engines: {node: '>= 8'}

dev: true

/sourcemap-codec/1.4.8:

resolution: {integrity: sha512-

9NykojV5Uih4lgo5So5dtw+f0JgJX30KCNI8gwhz2J9A15wDOMl6tjHKwf6fTSa6fAdVBdZeNOs9eJ71qCk8vA==}

dev: true

/spdx-correct/3.1.1:

resolution: {integrity:

sha512-

cOYcUWwhCuHCXi49RhFRCyJEK3iPj1Ziz9DpViV3tbZOwXD49QzIN3MpOLJNxb2qww2lJJZaKMVw9qNi4jTC0w==}

dependencies:

spdx-expression-parse: 3.0.1

spdx-license-ids: 3.0.11

dev: true

/spdx-exceptions/2.3.0:

resolution: {integrity: sha512-

```
/tTrYOC7PPI1nUAgx34hUpqXuyJG+DTHJTnIULG4rDygi4xu/tfgmq1e1cIRwRzwZgo4NlySi+ricLkZkw4i5A==
}
dev: true

/spdx-expression-parse/3.0.1:
  resolution: {integrity: sha512-
cbqHunsQWnJNE6KhVSMsMeH5H/L9EpymbzqTQ3uLwNCLZ1Q481oWaofqH7nO6V07xIXwY6PhQdQ2IedWx
/ZK4Q==}
  dependencies:
    spdx-exceptions: 2.3.0
    spdx-license-ids: 3.0.11
  dev: true

/spdx-license-ids/3.0.11:
  resolution: {integrity: sha512-
Ctl2BrFiM0X3MANYgj3CkygxhRmr9mi6xhejbdO960nF6EDJApTYpn0BQnDKlnNBULKiCN1n3w9EBkHK8Z
Wg+g==}
  dev: true

/sprintf-js/1.1.2:
  resolution: {integrity: sha512-
VE0SOVEHck7Qc8ulkWw3ntAzXuqf7S21vwQaDLRnUeIEaKNQJzV6BwmLKhOqT61aGhfUMrXeaBk+oDGCz
vhcug==}
  dev: true

/squeak/1.3.0:
  resolution: {integrity: sha1-MwRQN7ZDiLVnZ0uEMipIIQc5FsM=}
  engines: {node: '>=0.10.0'}
  dependencies:
    chalk: 1.1.3
    console-stream: 0.1.1
    lpad-align: 1.1.2
  dev: true

/strict-uri-encode/1.1.0:
  resolution: {integrity: sha1-J5siXfHVgrH1TmWt3UNS4Y+qBxM=}
  engines: {node: '>=0.10.0'}
  dev: true

/string-width/1.0.2:
  resolution: {integrity: sha1-EYvfW4zcUaKn5w0hHgfigLmxB9M=}
  engines: {node: '>=0.10.0'}
  dependencies:
    code-point-at: 1.1.0
    is-fullwidth-code-point: 1.0.0
    strip-ansi: 3.0.1
  dev: true
```

```
/string-width/4.2.3:
  resolution: {integrity: sha512-
wKyQRQpjJ0sIp62ErSZdGsjMJWsap5oRNihHhu6G7JVO/9jIB6UyevL+tXuOqrng8j/cxKTWYwUwvSTriiZz/g==
}
  engines: {node: '>=8'}
  dependencies:
    emoji-regex: 8.0.0
    is-fullwidth-code-point: 3.0.0
    strip-ansi: 6.0.1
  dev: true

/string_decoder/1.1.1:
  resolution: {integrity: sha512-
n/ShnvDi6FHbbVfviro+WojiFzv+s8MPMHBczVePfUpDJLwoLT0ht114YwBCbi8pJAveEEdnkHyPyTP/mzRfwg=
=}
  dependencies:
    safe-buffer: 5.1.2
  dev: true

/string_decoder/1.3.0:
  resolution: {integrity: sha512-
hkRX8U1WjJF8LsDJ2yQ/wWWxaopEsABU1XfkM8A+j0+85JAGppt16cr1Whg6KIbb4okU6Mql6BOj+uup/wKe
A==}
  dependencies:
    safe-buffer: 5.2.1
  dev: true

/strip-ansi/3.0.1:
  resolution: {integrity: sha1-ajhfuIU9IS1f8F0Oiq+UJ43GPc8=}
  engines: {node: '>=0.10.0'}
  dependencies:
    ansi-regex: 2.1.1
  dev: true

/strip-ansi/6.0.1:
  resolution: {integrity: sha512-
Y38VPSHcckFrCpFnQ9vuSXmquuv5oXOKpGeT6aGrr3o3Gc9AlVa6JBfUSOCnbxGGZF+/0ooI7KrPuUSztUdU5
A==}
  engines: {node: '>=8'}
  dependencies:
    ansi-regex: 5.0.1
  dev: true

/strip-bom/2.0.0:
  resolution: {integrity: sha1-YhmoVhZSBJHzV4i9vxRHqZx+aw4=}
  engines: {node: '>=0.10.0'}
  dependencies:
```

is-utf8: 0.2.1

dev: true

/strip-dirs/2.1.0:

resolution: {integrity: sha512-

JOCxOeKLM2CAS73y/U4ZeZPTkE+gNVCzKt7Eox84Iej1LT/2pTWYpZKJuxwQpvX1LiZb1xokNR7RLfuBAa7

T3g==}

dependencies:

is-natural-number:

4.0.1

dev: true

/strip-eof/1.0.0:

resolution: {integrity: sha1-u0P/VZim6wXYm1n80SnJgzE2Br8=}

engines: {node: '>=0.10.0'}

dev: true

/strip-indent/1.0.1:

resolution: {integrity: sha1-DHlipq3vp7vUrDZkYKY4VSrhoKI=}

engines: {node: '>=0.10.0'}

hasBin: true

dependencies:

get-stdin: 4.0.1

dev: true

/strip-indent/3.0.0:

resolution: {integrity: sha512-

laJTa3Jb+VQpaC6DseHhF7dXVqHTfJPCRDaeEbid/drOhgitgYku/letMUqOXFoWV0zIIUbjpdH2t+tYj4bQMRQ==

}

engines: {node: '>=8'}

dependencies:

min-indent: 1.0.1

dev: true

/strip-json-comments/2.0.1:

resolution: {integrity: sha1-PFMZQukIwml8DsNEhYwobHygpgo=}

engines: {node: '>=0.10.0'}

dev: true

/strip-outer/1.0.1:

resolution: {integrity: sha512-

k55yxKHwaXnpYGsOzg4Vl8+tDrWylxDEpknGjhTiZB8dFRU5rTo9CAzeycivxV3s+zlTKwrs6WxMxR95n26kww

==}

engines: {node: '>=0.10.0'}

dependencies:

escape-string-regexp: 1.0.5

dev: true

```
/strtok3/6.2.4:
  resolution: {integrity:
sha512-
GO8IcFF9GmFDvqduIspUBwCzCbqzegyVKIsSymcMgiZKeCfrN9SowtUoi8+b59WZMAjIzVZic/Ft97+pynR3Iw
==}
  engines: {node: '>=10'}
  dependencies:
    '@tokenizer/token': 0.3.0
    peek-readable: 4.0.2
  dev: true
```

```
/supports-color/2.0.0:
  resolution: {integrity: sha1-U10EXOa2Nj+kARcIRimZXp3zJMc=}
  engines: {node: '>=0.8.0'}
  dev: true
```

```
/supports-color/7.2.0:
  resolution: {integrity: sha512-
qpCAvRI9stuOHveKsn7HncJRvv501qIacKzQIO/+Lwxc9+0q2wLyv4Dfvt80/DPn2pqOBsJdDiogXGR9+OvwrW=
=}
  engines: {node: '>=8'}
  dependencies:
    has-flag: 4.0.0
  dev: true
```

```
/supports-preserve-symlinks-flag/1.0.0:
  resolution: {integrity: sha512-
ot0WnXS9fgdkgIcePe6RHNk1WA8+muPa6cSjeR3V8K27q9BB1rTE3R1p7Hv0z1ZyAc8s6Vvv8DIyWf681MAf0
w==}
  engines: {node: '>= 0.4'}
  dev: true
```

```
/svelte-check/2.3.0_svelte@3.46.3:
  resolution: {integrity: sha512-
SBKdJyUmxzPmJf/ZPqDSQOoa9JzOcgEpV7u3UaYcgVn7fA0veZ3FA5JgLU8KYtf84Gp6guBVcrC7XKLjJa5SX
Q==}
  hasBin: true
  peerDependencies:
    svelte: ^3.24.0
  dependencies:
    chokidar: 3.5.3
    fast-glob: 3.2.11
    import-fresh: 3.3.0
    minimist: 1.2.5
    picocolors: 1.0.0
    sade: 1.8.1
    source-map: 0.7.3
    svelte: 3.46.3
```

svelte-preprocess: 4.10.2_svelte@3.46.3+typescript@4.5.5

typescript: 4.5.5

transitivePeerDependencies:

- '@babel/core'
- coffeescript
- less
- node-sass
- postcss
- postcss-load-config
- pug
- sass
- stylus
- sugarss

dev: true

/svelte-hmr/0.14.9_svelte@3.46.3:

resolution: {integrity: sha512-

bKE9+4qb4sAnA+TKHiYurUI970rjA0XmIP9TEP7K/ncyWz3m81kA4HOgmlZK/7irGK7gzZlaPDI3cmf8fp/+tg==
}

peerDependencies:

svelte: '>=3.19.0'

dependencies:

svelte: 3.46.3

dev: true

/svelte-preprocess/4.10.2_svelte@3.46.3+typescript@4.5.5:

resolution: {integrity: sha512-

aPpkCreSo8EL/y8kJSa1trhiX0oyAtTjlnNM7BNjRAsMJ8Yy2LqtHt0zyd4pQPXt+D4PzbO3qTjjio3kwOxDIA==}

engines: {node:

'>= 9.11.2'}

requiresBuild: true

peerDependencies:

'@babel/core': ^7.10.2

coffeescript: ^2.5.1

less: ^3.11.3 || ^4.0.0

node-sass: '*'

postcss: ^7 || ^8

postcss-load-config: ^2.1.0 || ^3.0.0

pug: ^3.0.0

sass: ^1.26.8

stylus: ^0.55.0

sugarss: ^2.0.0

svelte: ^3.23.0

typescript: ^4.5.2

peerDependenciesMeta:

'@babel/core':

optional: true

coffeescript:

optional: true
less:
 optional: true
node-sass:
 optional: true
postcss:
 optional: true
postcss-load-config:
 optional: true
pug:
 optional: true
sass:
 optional: true
stylus:
 optional: true
sugarss:
 optional: true
typescript:
 optional: true
dependencies:
'@types/pug': 2.0.6
'@types/sass': 1.43.1
detect-indent: 6.1.0
magic-string: 0.25.7
sorcery: 0.10.0
strip-indent: 3.0.0
svelte: 3.46.3
typescript: 4.5.5
dev: true

/svelte/3.46.3:
 resolution: {integrity: sha512-mTOXvv74CVqJHqoIZDprVfRKVVmYNadXP0VKnOEA54223kLGCr1nMrifS4Zx29qMt/xRB38Eq1D7dDH/fM8fQ==}
 engines: {node: '>= 8'}
 dev: true

/tar-fs/2.1.1:
 resolution: {integrity: sha512-V0r2Y9scmbDRLCNex/+hYzvp/zyYjvFbHPNgVTKfQvVrb6guiE/fxP+XblDNR011utopbkex2nM4dHNV6GDsng==}
 dependencies:
 chownr: 1.1.4
 mkdirp-classic: 0.5.3
 pump: 3.0.0
 tar-stream: 2.2.0
 dev: true

/tar-stream/1.6.2:
resolution: {integrity: sha512-rzS0heiNf8Xn7/mpdSVVSMAWAoy9bfb1WOTYC78Z0UQKeKa/CWS8FOq0IKGN8DWKAn9gxjCvMLYc5PGXYIK2A==}
engines: {node: '>= 0.8.0'}
dependencies:
bl: 1.2.3
buffer-alloc: 1.2.0
end-of-stream: 1.4.4
fs-constants: 1.0.0
readable-stream: 2.3.7
to-buffer: 1.1.1
xtend: 4.0.2
dev: true

/tar-stream/2.2.0:
resolution: {integrity: sha512-ujeqbceABgwMZXeJnk2HDY2DlnUZ+9oEcb1KzTVfYHio0UE6dG71n60d8D2I4qNvleWrrXpmjpt7vZeF1LnMZQ==}
engines: {node: '>=6'}
dependencies:
bl: 4.1.0
end-of-stream: 1.4.4
fs-constants: 1.0.0
inherits: 2.0.4
readable-stream: 3.6.0
dev: true

/temp-dir/1.0.0:
resolution: {integrity: sha1-CnwOom06Oa+n4OvqnB/AvE2qAR0=}
engines: {node: '>=4'}
dev: true

/tempfile/2.0.0:
resolution: {integrity: sha1-awRGhWqbERTRhW/8vICczLCXcmU=}
engines: {node: '>=4'}
dependencies:
temp-dir: 1.0.0
uuid: 3.4.0
dev: true

/through/2.3.8:
resolution: {integrity: sha1-DdTJ/6q8NXlgsbckEV1+Doai4fU=}
dev: true

/timed-out/4.0.1:
resolution: {integrity: sha1-8y6srFoXW+ol1/q1Zas+2HQe9W8=}
engines: {node: '>=0.10.0'}

dev: true

/tmp/0.0.33:

resolution: {integrity: sha512-jRCJlojKnZ3addtTOjdIqoRuPEKBvNXcGYqzO6zWZX8KfKEpnGY5jfggJQ3EjKuu8D4bJRr0y+cYJFmYbImXGw==}

engines: {node: '>=0.6.0'}

dependencies:

- os-tmpdir: 1.0.2

dev: true

/to-buffer/1.1.1:

resolution: {integrity: sha512-lx9B5iv7msuFYE3dytT+KE5tap+rNYw+K4jVkb9R/asAb+pbBSM17jtunHplhBe6RRJdZx3Pn2Jph24O32mOVg==}

dev: true

/to-readable-stream/1.0.0:

resolution: {integrity: sha512-Iq25XBt6zD5npPhLLVXGFN3/gyR2/qODcKNNyTMd4vbm39HUaOiAM4PMq0eMVC/Tkxz+Zjdsc55g9yyz+Yq00Q==}

engines: {node: '>=6'}

dev: true

/to-regex-range/5.0.1:

resolution: {integrity: sha512-65P7iz6X5yEr1cwcgvQxbbIw7Uk3gOy5dIdtZ4rDveLqhrdJP+Li/Hx6tyK0NEb+2GCyneCMJiGqrADCSNk8sQ==}

engines: {node: '>=8.0'}

dependencies:

- is-number: 7.0.0

dev: true

/token-types/4.1.1:

resolution: {integrity: sha512-hD+QyuUAYI2spzsl0B7gf/jJ2ggR4RjkAo37j3StuePhApJUwcWDjnHDOFdIWYSwNR28H14hpwm4EI+V1Ted1w==}

engines: {node: '>=10'}

dependencies:

- '@tokenizer/token': 0.3.0
- ieee754: 1.2.1

dev: true

/trim-newlines/1.0.0:

resolution: {integrity: sha1-WIeWa7WCpFA6QetST301ARgVphM=}

engines: {node: '>=0.10.0'}

dev: true

```

/trim-repeated/1.0.0:
  resolution:
  {integrity: sha1-42RqLqTokTEr9+rObPsFOAvAHCE=}
  engines: {node: '>=0.10.0'}
  dependencies:
    escape-string-regexp: 1.0.5
  dev: true

/tslib/2.3.1:
  resolution: {integrity: sha512-
77EbyPPpMz+FRFRuAFIWMtmgUWGe9UOG2Z25NqCwiIjRhOf5iKGuzSe5P2w1laq+FkRy4p+PCuVkJSGkzTE
KVw==}
  dev: true

/tunnel-agent/0.6.0:
  resolution: {integrity: sha1-J6XeoGs2sEoKmWZ3SykIaPD8QP0=}
  dependencies:
    safe-buffer: 5.2.1
  dev: true

/type-fest/0.13.1:
  resolution: {integrity: sha512-
34R7HTnG0XIJcBSn5XhDd7nNFPRcXYRZrBB2O2jdKqYODldSzBAqzsWoZYYvduky73toYS/ESqxPvkDf/F0X
Mg==}
  engines: {node: '>=10'}
  dev: true

/type-fest/0.20.2:
  resolution: {integrity: sha512-
Ne+eE4r0/iWnpAxD852z3A+N0Bt5RN//NjJwRd2VFHEmrywxf5vsZlh4R6lixl6B+wz/8d+maTSAkN1FikI3LQ==
}
  engines: {node: '>=10'}
  dev: true

/type-fest/0.21.3:
  resolution: {integrity: sha512-
t0rzBq87m3fVcduHDFhKmyyX+9eo6WQjZvf51Ea/M0Q7+T374Jp1aUiyUI0GKxp8M/OETVHSDvmkyPgvX+
X2w==}
  engines: {node: '>=10'}

  dev: true

/typedarray-to-buffer/3.1.5:
  resolution: {integrity: sha512-
zdu8XMNEDepKKR+XYOXAVPtWui0ly0NtohUscw+UmaHiAWT8hrV1rr/H6V+0DvJ3OQ19S979M0laLfX8rm
82Q==}
  dependencies:

```

is-typedarray: 1.0.0

dev: true

/typescript/4.5.5:

resolution: {integrity: sha512-

TCTIul70LyWe6IJWT8QSYeA54WQe8EjQFU4wY52Fasj5UKx88LNYKCgBEHcOMOrFF1rKGbD8v/xcNWVUq9SymA==}

engines: {node: '>=4.2.0'}

hasBin: true

dev: true

/unzip2-stream/1.4.3:

resolution: {integrity: sha512-

mlExGW4w71ebDJviH16lQLtZS32VKqsSfk80GCfUlwT/4/hNRFsoscF/c++9xinkMzECL1uL9DDwXqFWkruPg==}

dependencies:

buffer: 5.7.1

through: 2.3.8

dev: true

/unique-string/2.0.0:

resolution: {integrity: sha512-

uNaierEPvpZWSgzwsPGtU2zVSTrn/8L5q/IexZmH0eH6SA73CmAA5U4GwORTxQAZs95TAXLNqeLoPPNO5gZfWg==}

engines: {node: '>=8'}

dependencies:

crypto-random-string: 2.0.0

dev: true

/universalify/2.0.0:

resolution: {integrity: sha512-

hAZsKq7Yy11Zu1DE0OzWjw7nnLZmJZYTDZZyEFHZdUhV8FkH5MCfoU1XMaxXovpyW5nq5scPqq0ZDP9Zyl04oQ==}

engines: {node: '>= 10.0.0'}

dev: true

/update-notifier/5.1.0:

resolution: {integrity: sha512-

ItNICHbeMh9GqUy31hFPPrD1kcuZ3rpxDZbf4KUDavXwS0bW5m7SLbDQpGX3UYr072cbrF5hFUs3r5tUsPwjfHw==}

engines: {node: '>=10'}

dependencies:

boxen: 5.1.2

chalk: 4.1.2

configstore: 5.0.1

has-yarn: 2.1.0

import-lazy: 2.1.0

is-ci: 2.0.0

is-installed-globally: 0.4.0
is-npm: 5.0.0
is-yarn-global: 0.3.0
latest-version: 5.1.0
pupa: 2.1.1
semver: 7.3.5
semver-diff: 3.1.1
xdg-basedir: 4.0.0
dev: true

/url-parse-lax/1.0.0:
resolution: {integrity: sha1-evjzA2Rem9eaJy56FKxovAYJ2nM=}
engines: {node: '>=0.10.0'}
dependencies:
 prepend-http: 1.0.4
dev: true

/url-parse-lax/3.0.0:
resolution: {integrity: sha1-FrXK/Afb42dsGxmZF3gj11A6yww=}
engines: {node: '>=4'}
dependencies:
 prepend-http: 2.0.0
dev: true

/url-to-options/1.0.1:
resolution: {integrity: sha1-FQWgOiaSMvXpDTvuu7FBV9WM6k=}
engines: {node: '>= 4'}
dev: true

/util-deprecate/1.0.2:
resolution: {integrity: sha1-RQ1Nyfpw3nMnYvvS1KKJgUGaDM8=}
dev: true

/uuid/3.4.0:
resolution: {integrity: sha512-HjSDRw6gZE5JMggctHBcjVak08+KEVhSIiDzFnT9S9aegmp85S/bReBVTb4QTFaRNptJ9kuYaNhnbnEOkbKb/A==}
deprecated: Please upgrade to version 7 or higher. Older versions may use Math.random() in certain circumstances, which is known to be problematic. See <https://v8.dev/blog/math-random> for details.
hasBin: true
dev: true

/validate-npm-package-license/3.0.4:
resolution: {integrity: sha512-DpKm2Ui/xN7/HQKcTpZxoRWBhZ9Z0kqtygG8XCgNQ8ZIDnxuQmWhj566j8fN4Cu3/JmbhsDo7fcAJq4s9h27Ew==}
dependencies:
 spdx-correct: 3.1.1

spdx-expression-parse: 3.0.1

dev: true

/vite/2.7.13:

resolution: {integrity: sha512-Mq8et7f3aK0SgSxjDNfOAimZGW9XryfHRa/uV0jseQSilg+KhYDS0Nb9h1rknOy6SuMkvNDLKCYAYYUMCE+IgQ==}

engines: {node: '>=12.2.0'}

hasBin: true

peerDependencies:

less: '*'

sass: '*'

stylus: '*'

peerDependenciesMeta:

less:

optional: true

sass:

optional: true

stylus:

optional: true

dependencies:

esbuild: 0.13.15

postcss: 8.4.5

resolve: 1.22.0

rollup: 2.66.1

optionalDependencies:

fsevents: 2.3.2

dev: true

/wcss/1.0.1:

resolution: {integrity: sha1-8LDc+RW8X/FSivrbLA4XfTLaL+g=}

dependencies:

defaults: 1.0.3

dev: true

/which/1.3.1:

resolution: {integrity: sha512-HxJdYWq1MTIQbJ3nw0cqssHoTNU267KlrDuGZ1WY1xDStUtKUhOaJmh112/TZmHxxUfuJqPXS0m7tDyas00SIQ==}

hasBin: true

dependencies:

isexe: 2.0.0

dev: true

/which/2.0.2:

resolution: {integrity: sha512-BLI3T11TW3Pv70I3yq3Y64i+awpwXqsGBYWWkkqMtnbXgrMD+yj7rhW0kuEDxzJaYXGjEW5ogapKNMEKNMjibA==}

dev: true

engines: {node: '>= 8'}
hasBin: true
dependencies:
 isexe: 2.0.0
dev:
true

/wide-align/1.1.5:
 resolution: {integrity: sha512-eDMORYaPNZ4sQIuuYPDHdQvf4gyCF9rEEV/yPxGfwPkRodwEgiMUUXTx/dex+Me0wxx53S+NgUHaP7y3MGIDmg==}
 dependencies:
 string-width: 1.0.2
 dev: true

/widest-line/3.1.0:
 resolution: {integrity: sha512-NsmoXalsWVDMGupxZ5R08ka9flZjjiLvHVAWYOKtiKM8ujtZW9cRffak+uSE48+Ob8ObalXpwyeUiyDD6QFg==}
 engines: {node: '>=8'}
 dependencies:
 string-width: 4.2.3
 dev: true

/with-open-file/0.1.7:
 resolution: {integrity: sha512-ecJS2/oHtESJ1t3ZfMI3B7KIDKyfN0O16miWxdn30zdh66Yd3LsRFeBZZXq6GU4xfxLf6nVxp9kIqElb5fqczA==}
 engines: {node: '>=6'}
 dependencies:
 p-finally: 1.0.0
 p-try: 2.2.0
 pify: 4.0.1
 dev: true

/wrap-ansi/7.0.0:
 resolution: {integrity: sha512-YVGIj2kamLSTxw6NsZjoBxfSwsn0ycdesmc4p+Q21c5zPuZ1pl+NfxVdxPtdHvmNVOQ6XSYG4AUtyt/Fi7D16Q==}
 engines: {node: '>=10'}
 dependencies:
 ansi-styles: 4.3.0
 string-width: 4.2.3
 strip-ansi: 6.0.1
 dev: true

/wrappy/1.0.2:
 resolution: {integrity: sha1-tSQ9jz7BqjXxNkYFvA0QNuMKtp8=}
 dev: true

```
/write-file-atomic/3.0.3:
  resolution: {integrity: sha512-
AvHcyZ5JnSfq3ioSyjrBkH9yW4m7Ayk8/9My/DD9onKeu/94fwrMocemO2QAJFAlmnDN+ZDS+ZjAR5ua1/PV/Q
==}
  dependencies:
    imurmurhash: 0.1.4
    is-typedarray: 1.0.0
    signal-exit: 3.0.6
    typedarray-to-buffer: 3.1.5
  dev: true

/xdg-basedir/4.0.0:
  resolution: {integrity: sha512-
PSNhEJDejZYV7h50BohL09Er9VaIefr2LMAf3OEmpCkjOi34eYyQYAXUTjEQtZJTKcF0E2UKTh+osDLsgNim
9Q==}
  engines: {node: '>=8'}
  dev: true

/xtend/4.0.2:
  resolution: {integrity: sha512-
LKYU1iAXJXUgAXn9URjiu+MWhyUXHsvfp7mcuYm9dSUKK0/CjtrUwFAxD82/mCWbtLsGjFIad0wIsod4zrT
AEQ==}
  engines: {node: '>=0.4'}
  dev: true

/yallist/2.1.2:
  resolution: {integrity: sha1-HBH5IY8HYImkfdUS+TxmmaaoHVI=}
  dev: true

/yallist/4.0.0:
  resolution: {integrity: sha512-
3wdGidZyq5PB084XLES5TpOSRA3wjXAlIWMhum2kRcv/41Sn2emQ0dycQW4uZXLLejwKvg6EsvbdIVL+FYEc
t7A==}
  dev: true

/yauzl/2.10.0:
  resolution: {integrity: sha1-x+sXyT4RLLEIb6bY5R+wZnt5pfk=}
  dependencies:
    buffer-crc32: 0.2.13
    fd-slicer: 1.1.0
  dev: true

/zopfli-ng-bin/6.0.1:
  resolution: {integrity: sha512-
+aybvXv/xafl6I67uSH5yLHrSy4/OaSOV9tniw4yZFIHpINXUcctVHE/WzHxOONrL2GHZJ8Fd4iDrNyaS6TVbg=
=}
  engines: {node: '>=10'}
```

hasBin: true
requiresBuild: true
dependencies:
 bin-build: 3.0.0
 bin-wrapper: 4.1.0
 logalot: 2.1.0
dev: true

Found in path(s):

* /opt/cola/permits/1556219552_1675712591.1553657/0/freethinkel-yamux-v0-1-1-0-g502720e-1-tar-gz/freethinkel-yamux-502720e/pnpm-lock.yaml

1.483 hashicorp-go-version 1.3.0

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1.487 goja 0.0.0-20210804101310-

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1.488 go-mssqldb 0.0.0-20210326084033-d0ce3c521036

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1.489 openssl 1.1.1t-r1

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1.491 mattn-go-isatty 0.0.14

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1.495 musl 1.2.2-r8

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1.496 cpuid 2.2.3

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1.497 githubcomgolangprotobuf v1.5.3

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1.498 x-exp 0.0.0-20230307190834-24139beb5833

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The End

1.509

github.com/blugelabs/bluge_segment_api

v0.2.0

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1.513 github.com/blevesearch/segment v0.9.0

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```

```
# Please keep the list sorted.
```

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1.515 github.com/blevesearch/snowballstem

v0.9.0

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1.516 github.com/blevesearch/mmap-go

v1.0.4

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1.517 go.opentelemetry.io/proto/otlp v0.15.0

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1.518 gosqlite v1.14.16

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1.519 github.com/go-git/go-git/v5 v5.4.2

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1.521 github.com/centrifugal/protocol v0.8.10

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1.522 [x-oauth2](https://github.com/centrifugal/x-oauth2) v0.0.0-20220608161450-d0670ef3b1eb

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1.523 github.com/grafana/saml v0.4.9-0.20230102094056-b61b9eb7c8b7

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1.524 github.com/grafana/grafana-plugin-sdk-go v0.139.0

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1.525 github.com/blugelabs/bluge v0.1.9

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1.526 github.com/blevesearch/go-porterstemmer v1.0.3

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1.528

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1.531 github.com/grafana/grafana-aws-sdk v0.10.8

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1.532 gofrs-uuid v4.3.0+incompatible

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1.533 x-errors v0.0.0-20220411194840-2f41105eb62f

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1.534 github.com/emicklei/proto v1.10.0

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1.535 github.com/protocolbuffers/txtproto

v0.0.0-20220428173112-74888fd59c2b

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1.537 github.com/segmentio/asm v1.1.4

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1.539

go.opentelemetry.io/otel/exporters/otlp/otlptrace/otlptracegrpc v1.6.3

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1.541

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1.542 libc6-compat 1.2.2-r8

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1.546 github.com/fzambia/eagle v0.0.2

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1.551 github.com/blevesearch/vellum v1.0.7

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1.552 github.com/dlmiddlecote/sqlstats v1.0.2

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1.553 github.com/wk8/go-ordered-map v1.0.0

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1.558 google-golang-org-genproto 0.0.0-20220421151946-72621c1f0bd3

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1.559 x-sys v0.0.0-20220615213510-4f61da869c0c

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1.560 github.com/goccy/go-json v0.10.0

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1.561 go-openapi-swag 0.22.4

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1.565 github.com/zeebo/xxh3 v1.0.2

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1.566 invopop-yaml 0.2.0

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1.567 grpc-gateway 2.16.2

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37c1a3c58af9fe8e5270c5876fc42e69

1.568 proto-otlp 1.0.0

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1.569 golang 1.19.4

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1.574 aws-sdk-go 1.44.323

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1.575 urfave-cli 1.22.14

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1.576 githubcomgolangprotobuf v1.5.2

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1.577 json iterator go v1.1.12

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1.594 uuid v1.3.0

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1.596 browser v0.0.0-20210911075715-681adbf594b8

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1.597 perimeterx-marshmallow 1.1.5

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1.598 magefile-mage 1.15.0

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title: Notice

description : "Message pour vous aider structurer votre contenu"

Le shortcode `*Notice*` permet d'afficher 4 types de message pour vous aider structurer votre contenu.

Note

```
{{%/notice note */%}}
```

Une notice de type `*note*`

```
{{%/notice */%}}
```

s'affiche comme

```
{{% notice note %}}
```

Une notice de type `*note*`

```
{{% /notice %}}
```

Info

```
{{%/notice info */%}}
```

Une notice de type `*info*`

```
{{%/notice */%}}
```

s'affiche comme

```
{{% notice info %}}
```

Une notice de type `*info*`

```
{{% /notice %}}
```

Tip

```
{{%/notice tip */%}}
```

Une notice de type *tip*

```
{{%/notice */%}}
```

s'affiche comme

```
{{% notice tip %}}
```

Une notice de type *tip*

```
{{% /notice %}}
```

Warning

```
{{%/notice warning */%}}
```

Une notice de type *warning*

```
{{%/notice */%}}
```

s'affiche comme

```
{{% notice warning %}}
```

Une notice de type *warning*

```
{{% /notice %}}
```

title: Notice

description : "Disclaimers to help you structure your page"

The notice shortcode shows 4 types of disclaimers to help you structure your page.

Note

```
{{%/notice note */%}}
```

A notice disclaimer

```
{{%/notice */%}}
```

renders as

```
{{% notice note %}}
```

A notice disclaimer

```
{{% /notice %}}
```

Info

...

{{%/notice info */%}}

An information disclaimer

{{%/notice */%}}

...

renders as

{{% notice info %}}

An information disclaimer

{{% /notice %}}

Tip

...

{{%/notice tip */%}}

A tip disclaimer

{{%/notice */%}}

...

renders as

{{% notice tip %}}

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1.599 go-proxy 0.0.0-20230731152917-f99041a5c027

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1.600 prometheus-procfs 0.12.0

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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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1.601 masterminds-semver 1.5.0

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1.602 grafana-xorm 0.8.3-0.20220614223926-2fcda7565af6

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1.604 github.com/klauspost/cpuid/v2 v2.2.3

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1.605 miekg-dns 1.1.43

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1.606 go-jose 2.5.1

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1.607 atomic 1.9.0

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1.608 google-go-cmp 0.6.0

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1.609 genproto-googleapis-rpc 0.0.0-20231002182017-d307bd883b97

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1.610 genproto-googleapis-api 0.0.0-20231002182017-d307bd883b97

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1.611 x-text 0.14.0

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1.612 getkin-kin-openapi 0.120.0

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```
package openapi3
```

```
import (  
    "context"  
    "encoding/json"  
    "errors"  
)
```

```
// License is specified by OpenAPI/Swagger standard version 3.
```

```
// See https://github.com/OAI/OpenAPI-Specification/blob/main/versions/3.0.3.md#license-object
```

```
type License struct {
```

```
    Extensions map[string]interface{} `json:"- " yml:"- "`
```

```
    Name string `json:"name" yml:"name" // Required
```

```
    URL string `json:"url,omitempty" yml:"url,omitempty"`
```

```
}
```

```
// MarshalJSON returns the JSON encoding of License.
```

```
func (license License) MarshalJSON() ([]byte, error) {
```

```
    m := make(map[string]interface{}, 2+len(license.Extensions))
```

```
    for k, v := range license.Extensions {
```

```
        m[k] = v
```

```
    }
```

```
    m["name"] = license.Name
```

```
    if x := license.URL; x != "" {
```

```
        m["url"] = x
```

```

}
return json.Marshal(m)
}

// UnmarshalJSON sets License to a copy of data.
func (license *License) UnmarshalJSON(data []byte) error {
type LicenseBis License
var x LicenseBis
if err := json.Unmarshal(data, &x); err != nil {
return err
}
_ = json.Unmarshal(data, &x.Extensions)
delete(x.Extensions,
"name")
delete(x.Extensions, "url")
*license = License(x)
return nil
}

// Validate returns an error if License does not comply with the OpenAPI spec.
func (license *License) Validate(ctx context.Context, opts ...ValidationOption) error {
ctx = WithValidationOptions(ctx, opts...)

if license.Name == "" {
return errors.New("value of license name must be a non-empty string")
}

return validateExtensions(ctx, license.Extensions)
}
MIT License

```

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1.613 apache-arrow-go 13.0.0

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You can contact the author at :

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- * Mark Wiebe
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1.622 golang-jwt 4.4.2

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1.624 x-text v0.14.0

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1.625 go.opentelemetry.io/proto/otlp v1.0.0

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1.626 github.com/unknwon/bra v0.0.0-20200517080246-1e3013ecaff8

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Metadata-Version: 1.1

Name: prometheus_client

Version: 0.5.0

Summary: Python client for the Prometheus monitoring system.

Home-page: https://github.com/prometheus/client_python

Author: Brian Brazil

Author-email: brian.brazil@robustperception.io

License: Apache Software License 2.0

Description: See https://github.com/prometheus/client_python/blob/master/README.md for documentation.

Keywords: prometheus monitoring instrumentation client

Platform: UNKNOWN

Classifier: Development Status :: 4 - Beta

Classifier: Intended Audience :: Developers

Classifier: Intended Audience :: Information Technology

Classifier: Intended Audience :: System Administrators

Classifier: Programming Language :: Python

Classifier: Programming Language :: Python :: 2

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* /opt/cola/permits/1861197897_1707409018.2054524/0/prometheus-client-0-5-0-tar-gz/prometheus_client-

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Name: prometheus-client

Version: 0.5.0

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Home-page: https://github.com/prometheus/client_python

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Author-email: brian.brazil@robustperception.io

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* /opt/cola/permits/1861197897_1707409018.2054524/0/prometheus-client-0-5-0-tar-gz/prometheus_client-0.5.0/prometheus_client.egg-info/PKG-INFO
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1.629 procfs v0.12.0

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Name: prometheus-client

Version: 0.5.0

Summary: Python client for the Prometheus monitoring system.

Home-page: https://github.com/prometheus/client_python

Author: Brian Brazil

Author-email: brian.brazil@robustperception.io

License: Apache Software License 2.0

Description: See https://github.com/prometheus/client_python/blob/master/README.md for documentation.

Keywords: prometheus monitoring instrumentation client

Platform: UNKNOWN

Classifier: Development Status :: 4 - Beta

Classifier: Intended Audience :: Developers

Classifier: Intended Audience :: Information Technology

Classifier: Intended Audience :: System Administrators

Classifier: Programming Language :: Python

Classifier: Programming Language :: Python :: 2

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Classifier: Programming Language :: Python :: Implementation :: CPython

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* /opt/cola/permits/1866430933_1702594539.77632/0/prometheus-client-0-5-0-1-tar-gz/prometheus_client-0.5.0/PKG-INFO

1.634 go-sentinel v1.1.0

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1.638 hashicorp-go-plugin 1.6.0

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1.639 go-hclog 1.6.2

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1.643 prometheus-client 1.18.0

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1.646 prometheus-common 0.46.0

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1.647 uuid v1.5.0

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Paul Borman <borman@google.com>

bmatsuo

shawnps

theory

jboverfelt

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1.653 sqlx 1.3.5

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1.654 logr 1.3.0

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Package: logr

Title: Creates Log Files

Version: 1.3.0

Authors@R: c(

```
person(given = "David",
       family = "Bosak",
       role = c("aut", "cre"),
       email = "dbosak01@gmail.com"),
person("Rikard", "Isaksson", role = "ctb"))
```

Description: Contains functions to help create log files. The package aims to overcome the difficulty of the base R sink() command. The log_print() function will print to both the console and the file log, without interfering in other write operations.

License: CC0

Encoding: UTF-8

URL: <https://logr.r-sassy.org>

BugReports: <https://github.com/dbosak01/logr/issues>

Depends: R (>= 3.4.0)

Suggests:

```
knitr,
rmarkdown,
testthat,
tidylog,
dplyr,
covr
```

Imports: withr,

```
utils,
this.path
```

VignetteBuilder: knitr

Roxygen: list(markdown = TRUE)

RoxygenNote: 7.1.2

Found in path(s):

```
* /opt/cola/permits/1892506801_1706095861.09647/0/logr-1-3-0-4-zip/logr-1.3.0/DESCRIPTION
```

No license file was found, but licenses were detected in source scan.

```
/*
```

```
Source: https://github.com/algolia/docsearch/
```

```
License: MIT
```

```
*/
```

Found in path(s):

```
* /opt/cola/permits/1892506801_1706095861.09647/0/logr-1-3-0-4-zip/logr-1.3.0/docs/docsearch.css
```

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```
/*!
```

```
* Bootstrap Table of Contents v0.4.1 (http://afeld.github.io/bootstrap-toc/)
```

```
* Copyright 2015 Aidan Feldman
```

```
* Licensed under MIT (https://github.com/afeld/bootstrap-toc/blob/gh-pages/LICENSE.md) */
```

Found in path(s):

```
* /opt/cola/permits/1892506801_1706095861.09647/0/logr-1-3-0-4-zip/logr-1.3.0/docs/bootstrap-toc.js
```

1.655 protobuf 1.32.0

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1.656 memberlist 0.4.0

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1.658 prometheus-client 1.13.1

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1.669

google.golang.org/genproto/googleapis/rpc v0.0.0-20231002182017-d307bd883b97

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* /opt/cola/permits/1946863595_1718088074.0874069/0/dataplane-2-tar/dataplane (2).txt

1.678 mithrandie-ternary 1.1.1

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1.679 mithrandie-go-text 1.5.4

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* /opt/cola/permits/1946863951_1718094114.7386818/0/go-text-7-tar/go-text.txt

1.680 mithrandie-go-file 2.1.0

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* /opt/cola/permits/1946863897_1718094181.857409/0/go-file-8-tar/go-file.txt

1.681 grafana-sqllds 3.2.0

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* /opt/cola/permits/1946864557_1718093435.6332922/0/sqllds-tar/sqllds.txt

1.682 mithrandie-csvq 1.17.10

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* /opt/cola/permits/1946863867_1718094481.2268746/0/csvq-3-tar/csvq.txt

1.683 mithrandie-csvq-driver 1.6.8

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1.684 mongo-go-driver v1.3.2

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BSON library for Go

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1.685 chromedp-cdproto 0.0.0-20230419194459-b5ff65bc57a3

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aliases:

- ../../enterprise/activate-aws-marketplace-license/activate-license-on-eks/
- ../../enterprise/license/activate-aws-marketplace-license/activate-license-on-eks/

description: Activate a Grafana Enterprise license from AWS Marketplace on EKS

keywords:

- grafana
- enterprise
- aws
- marketplace
- eks
- activate

labels:

products:

- enterprise
- oss

title: Activate a Grafana Enterprise license from AWS Marketplace on EKS

weight: 200

Activate a Grafana Enterprise license from AWS Marketplace on EKS

If you have purchased a Grafana Enterprise subscription through AWS Marketplace, you must activate it in order to use Grafana Enterprise data source plugins and features in Grafana.

Before you begin:

- Purchase a subscription to [Grafana Enterprise from AWS Marketplace](<https://aws.amazon.com/marketplace/pp/prodview-dlncd4kzt5kx6>).
- Be sure that the IAM user that was used to purchase Grafana Enterprise has permission to manage subscriptions, create new IAM users and roles, and create access policies.

To activate your license, complete the following tasks:

Task 1: Deploy Grafana Enterprise on Amazon EKS

1. Deploy Grafana Enterprise on Amazon EKS.

For more information about deploying an application on Amazon EKS, refer to [Getting started with Amazon EKS AWS Management Console and AWS CLI](<https://docs.aws.amazon.com/eks/latest/userguide/getting-started-console.html>).

For more information about installing Grafana on Kubernetes using the Helm Chart, refer to the [Grafana Helm Chart](<https://github.com/grafana/helm-charts/tree/main/charts/grafana#readme>).

1. Use `kubectl set image deployment/my-release grafana=grafana/grafana-enterprise:<version>` to update the container image to Grafana Enterprise version 8.3.0 or later.

For example, enter `grafana/grafana-enterprise:8.3.3`.

> Only Grafana Enterprise versions 8.3.0 and later support licenses granted through AWS Marketplace.

Task 2: Configure Grafana
for high availability

Grafana requires that you configure a database to hold dashboards, users, and other persistent data.

Before you begin

- Ensure that you have a supported Grafana database available.
- For a list of supported databases, refer to [Supported databases]({{< relref "../.../..../setup-grafana/installation/#supported-databases" >}}).
- For information about creating a database, refer to [Creating an Amazon RDS DB instance](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER_CreateDBInstance.html).
- Review the information required to connect to the RDS DB instance. For more information, refer to [Connecting to an Amazon RDS DB instance](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/CHAP_CommonTasks.Connect.html).

To configure Grafana for high availability, choose **one** of the following options:

- **Option 1:** Use `kubectl edit configmap grafana` to edit `grafana.ini` add the following section to the configuration:

```
...  
[database]  
type  
= [database type]  
host = [database address and port]  
name = [database name]  
user = [database username]  
password = [database password]  
...
```

- **Option 2:** use `kubectl edit deployment my-release` to edit the pod `env` variables and add the following database variables:

```
...
- name: GF_DATABASE_TYPE
  value: [database type]
- name: GF_DATABASE_HOST
  value: [database address and port]
- name: GF_DATABASE_NAME
  value: [database name]
- name: GF_DATABASE_USER
  value: [database username]
- name: GF_DATABASE_PASSWORD
  value: [database password]
...
```

For more information on Grafana High Availability setup, refer to [Set up Grafana for high availability]({{ < relref "../..../setup-grafana/set-up-for-high-availability/" > }}).

Task 3: Configure Grafana Enterprise to validate its license with AWS

In this task, you configure Grafana Enterprise to validate the license with AWS instead of Grafana Labs.

1. In AWS IAM, assign the following permissions to the Node IAM role (if you are using a Node Group), or the Pod Execution role (if you are using a Fargate profile):

```
- `license-manager:CheckoutLicense`
- `license-manager:ListReceivedLicenses`
- `license-manager:GetLicenseUsage`
- `license-manager:CheckInLicense`
```

For more information about creating an access policy, refer to [Creating IAM policies (console)](https://docs.aws.amazon.com/IAM/latest/UserGuide/access_policies_create-console.html).

For more information about AWS license permissions, refer to [Actions, resources, and condition keys for AWS License Manager](https://docs.aws.amazon.com/service-authorization/latest/reference/list_awslicensemanager.html).

1. Choose **one** of the following options to update the [license_validation_type]({{ < relref "../..../setup-grafana/configure-grafana/enterprise-configuration/#license_validation_type" > }}) configuration to `aws`:

- **Option 1:** Use `kubectl edit configmap grafana` to edit `grafana.ini` add the following section to the configuration:

```
...
[enterprise]
license_validation_type=aws
...
```

- **Option 2:** Use `kubectl edit deployment my-release` to edit the pod `env` variables and add the following variable:

```
...  
name: GF_ENTERPRISE_LICENSE_VALIDATION_TYPE  
value: aws  
...
```

Task 4: Start or restart Grafana

To activate Grafana Enterprise features, you must start (or restart) Grafana.

To restart Grafana on a Kubernetes cluster,

1. Run the command `kubectl rollout restart deployment my-release`.

1. After you update the service, navigate to your Grafana instance, sign in with Grafana Admin credentials, and navigate to **Administration > General > Stats and license** to validate that your license is active.

For more information about restarting Grafana, refer to [Restart Grafana]({{< relref "../.../setup-grafana/start-restart-grafana/" >}}).

> If you experience issues when you update the EKS cluster, refer to [Amazon EKS troubleshooting](https://docs.aws.amazon.com/eks/latest/userguide/troubleshooting.html).

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aliases:

- ../../enterprise/activate-aws-marketplace-license/manage-license-in-aws-marketplace/
- ../../enterprise/license/activate-aws-marketplace-license/manage-license-in-aws-marketplace/

description: Manage your Grafana Enterprise license in AWS Marketplace

keywords:

- grafana
- enterprise
- aws
- marketplace
- manage
- add
- remove
- users

labels:

products:

- enterprise
- oss

title: Manage your Grafana Enterprise license in AWS Marketplace

weight: 400

Manage your Grafana Enterprise license in AWS Marketplace

You can use AWS Marketplace to make the following modifications to your Grafana Enterprise license:

- Add active users
- Remove active users
- Cancel your subscription to Grafana Enterprise.

****To modify your Grafana Enterprise subscription in AWS Marketplace:****

1. Open the AWS Console and navigate to [Subscription Management](https://console.aws.amazon.com/marketplace/home/subscriptions#/subscriptions).

1. Update your license.

1.

Sign in to Grafana as a Server Administrator.

1. Click ****Administration**** in the side navigation menu, ****General****, and then ****Stats and license****.

1. In the ****Token**** section under ****Enterprise License****, click ****Renew token****.

This action retrieves updated license information from AWS.

> To learn more about licensing and active users, refer to [Activate a Grafana Enterprise license purchased through AWS Marketplace]({{< relref "../" >}}).

aliases:

- ../../enterprise/activate-aws-marketplace-license/activate-license-on-instance-outside-aws/
- ../../enterprise/license/activate-aws-marketplace-license/activate-license-on-instance-outside-aws/

description: Activate a Grafana Enterprise license from AWS on an instance deployed outside of AWS

keywords:

- grafana
- enterprise
- aws
- marketplace
- activate

labels:

products:

- enterprise

- oss

title: Activate a Grafana Enterprise license from AWS on an instance deployed outside of AWS
weight: 300

Activate a Grafana Enterprise license from AWS on an instance deployed outside of AWS

While AWS Marketplace lists ECS and EKS as the supported environments for Grafana Enterprise, you can apply a Grafana Enterprise license from AWS Marketplace to any Grafana instance with network access to the AWS licensing service.

Before you begin

- Purchase a subscription to [Grafana Enterprise from AWS Marketplace](https://aws.amazon.com/marketplace/pp/prodview-dlncd4kzt5kx6).

-

Be sure that the IAM user that was used to purchase Grafana Enterprise has permission to manage subscriptions, create new IAM users, and create access policies.

- Be sure there is network access between AWS and the environment where you intend to run Grafana. Network access is required because your Grafana instance communicates with the [AWS License Manager endpoints and quotas](https://docs.aws.amazon.com/general/latest/gr/licensemanager.html) to retrieve license and subscription information. Grafana instances with access to the public internet will have access to AWS license manager.

To activate a Grafana Enterprise license from AWS on a Grafana Enterprise instance deployed outside of AWS, complete the following tasks.

Task 1: Install Grafana Enterprise

To install Grafana, refer to the documentation specific to your implementation.

- [Install Grafana]({{ < relref "../..../setup-grafana/installation/" > }}).

- [Run Grafana Docker image]({{ < relref "../..../setup-grafana/installation/docker/" > }}).

- [Deploy Grafana on Kubernetes]({{ < relref "../..../setup-grafana/installation/kubernetes/#deploy-grafana-enterprise-on-kubernetes" > }}).

Task 2: Create an AWS IAM user with access to your Grafana Enterprise license

To retrieve your license, Grafana Enterprise requires access to your AWS account and license information. To grant access, create an IAM user in AWS with access to the license, and pass its credentials as environment variables on the host or container where Grafana is running. These environment variables allow Grafana to retrieve license details from AWS.

1. In the AWS License Manager service, create an IAM policy with the following permissions:

- `license-manager:CheckoutLicense`
- `license-manager:ListReceivedLicenses`

```
- ``license-manager:GetLicenseUsage``  
- ``license-manager:CheckInLicense``
```

For more information about creating a policy in AWS, refer to [Creating IAM policies](https://docs.aws.amazon.com/IAM/latest/UserGuide/access_policies_create.html).

For more information about AWS Identity and Access Management, refer to [IAM users](https://docs.aws.amazon.com/IAM/latest/UserGuide/id_users.html).

1. To limit the policy to obtain usage data just for Grafana Enterprise, in the **Resources** section of the policy, specify your license ARN.

You can find your license ID in the **Granted Licenses** section of [AWS License Manager](<https://console.aws.amazon.com/license-manager/home>).

The policy JSON should look similar to the following example:

```
````  
{
 "Version": "2012-10-17",
 "Statement": [
 {
 "Sid": "VisualEditor0",
 "Effect": "Allow",
 "Action": "license-manager:GetLicenseUsage",
 "Resource": "arn:aws:license-manager::[YOUR_ACCOUNT]:license:[YOUR_LICENSE_ID]"
 },
 {
 "Sid": "VisualEditor1",
 "Effect": "Allow",
 "Action": [
 "license-manager:CheckoutLicense",
 "license-manager:ListReceivedLicenses",
 "license-manager:CheckInLicense"
],
 "Resource": "*"
 }
]
}
```

1. Create an IAM user and choose access key credentials as its authentication method.

For more information about creating an IAM user, refer to [IAM users]([https://docs.aws.amazon.com/IAM/latest/UserGuide/id\\_users.html](https://docs.aws.amazon.com/IAM/latest/UserGuide/id_users.html)).

For more information about access key credentials, refer to [Managing access keys for IAM

users](https://docs.aws.amazon.com/IAM/latest/UserGuide/id\_credentials\_access-keys.html).

1. Attach the policy you created to the IAM user.

1. Add the following values as environment variables to the host or container running Grafana:

- AWS region
- IAM user's access key ID
- IAM user's secret access key

The environment variables should look similar to the following example:

```
...
AWS_ACCESS_KEY_ID=ABCD5E75FGHIJKTM7
AWS_SECRET_ACCESS_KEY=k8fhYAQVy+5NhCejhe6HeSjSphjRuy+12C06
AWS_REGION=us-east-1
...
```

### ## Task 3: Configure Grafana Enterprise to validate its license with AWS

In this task you configure Grafana Enterprise to validate the license with AWS instead of Grafana Labs.

Choose one of the following options to update the [license\_validation\_type]({{ < relref "../..../setup-grafana/configure-grafana/enterprise-configuration/#license\_validation\_type" > }}) configuration to `aws`:

- **Option 1:** In the `[enterprise]` section of the `grafana.ini` configuration file, add `license_validation_type=aws`.

For example:

```
...
[enterprise]
license_validation_type=aws
...
```

- **Option 2:** Add the following environment variable to the container or host:

```
...
GF_ENTERPRISE_LICENSE_VALIDATION_TYPE=aws
...
```

### ## Task 4: Start or restart Grafana

To activate Grafana Enterprise features, start (or restart) Grafana.

For information about restarting Grafana, refer to [Restart Grafana]({{ < relref "../..../setup-grafana/start-restart-grafana" > }}).

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aliases:

- ../../enterprise/activate-aws-marketplace-license/activate-license-on-ecs/
- ../../enterprise/license/activate-aws-marketplace-license/activate-license-on-ecs/

description: Activate a Grafana Enterprise license from AWS Marketplace on ECS

keywords:

- grafana
- ecs
- enterprise
- aws
- marketplace
- activate

labels:

products:

- enterprise
- oss

title: Activate a Grafana Enterprise license from AWS Marketplace on ECS

weight: 250

---

# Activate a Grafana Enterprise license from AWS Marketplace on ECS

If you have purchased a Grafana Enterprise subscription through AWS Marketplace, you must activate it in order to use Grafana Enterprise data source plugins and features in Grafana.

### ## Before you begin

- Purchase a subscription to [Grafana Enterprise from AWS Marketplace](<https://aws.amazon.com/marketplace/pp/prodview-dlncd4kzt5kx6>).
- Be sure that the IAM user that was used to purchase Grafana Enterprise has permission to manage subscriptions, create new IAM users and roles, and create access policies.

To activate your license, complete the following tasks.

### ## Task 1: Deploy Grafana Enterprise on Amazon ECS

#### 1. Deploy Grafana Enterprise on Amazon ECS.

For more information about deploying an application on Amazon ECS, refer to [Creating an Amazon ECS service](<https://docs.aws.amazon.com/AmazonECS/latest/developerguide/create-service.html>).

1. As you create the Amazon ECS service, use the Grafana Enterprise version 8.3.0 or later container image.

For example, enter ``grafana/grafana-enterprise:8.3.3``.

> Only Grafana Enterprise versions 8.3.0 and later support licenses granted through AWS Marketplace.

### ## Task 2: Configure Grafana for high availability

Grafana requires that you configure a database to hold dashboards, users, and other persistent data.

#### ### Before you begin

- Ensure that you have a supported Grafana database available.
- For a list of supported databases, refer to [Supported databases]({{< relref "../.../setup-grafana/installation/#supported-databases" >}}).
- For information about creating a database, refer to [Creating an Amazon RDS DB instance]([https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER\\_CreateDBInstance.html](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER_CreateDBInstance.html)).
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To configure Grafana for high availability:

1. In AWS ECS, use environment variables to update the ``database`` parameters.

For a list of database parameters, refer to [Configuration]({{< relref "../.../setup-grafana/configure-grafana/#database" >}}).

1. Create a revision of the task definition for the ECS Task that runs Grafana Enterprise.

For more information about creating a task, refer to [Updating a task definition using the classic console](<https://docs.aws.amazon.com/AmazonECS/latest/developerguide/update-task-definition.html>).

1.

Within the new revision, edit the Grafana Enterprise container for this task, and add the following environment variables to the container:

```
...
GF_DATABASE_TYPE=[database type]
GF_DATABASE_HOST=[database address and port]
GF_DATABASE_NAME=[database name]
GF_DATABASE_USER=[database username]
GF_DATABASE_PASSWORD=[database password]
...
```

> For more information about how to update your ECS service with an environment variable, refer to [Updating a service using the new console](<https://docs.aws.amazon.com/AmazonECS/latest/developerguide/update-service-console-v2.html>).

### ## Task 3: Configure Grafana Enterprise to validate its license with AWS

In this task you configure Grafana Enterprise to validate the license with AWS instead of Grafana Labs.

1. In AWS IAM, create an access policy with the following permissions:

```
- "license-manager:CheckoutLicense"
- "license-manager:ListReceivedLicenses"
- "license-manager:GetLicenseUsage"
- "license-manager:CheckInLicense"
```

For more information about creating an access policy, refer to [Creating IAM policies (console)]([https://docs.aws.amazon.com/IAM/latest/UserGuide/access\\_policies\\_create-console.html](https://docs.aws.amazon.com/IAM/latest/UserGuide/access_policies_create-console.html)).

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1. Create an Elastic Container Service task role and attach the policy you created in the previous step.

For more information about creating a task role, refer to [IAM Roles for Tasks](<https://docs.aws.amazon.com/AmazonECS/latest/developerguide/task-iam-roles.html>).

1. Create a revision of the task definition for the ECS Task that runs Grafana Enterprise.

For more information about creating a revision of the task definition, refer to [Updating a task definition using the classic console](<https://docs.aws.amazon.com/AmazonECS/latest/developerguide/update-task-definition.html>).

1.

Within the new revision, perform the following steps:

a. Update the Task Role of your ECS Task to the role that you created, with permission to access license information.

b. Edit the Grafana Enterprise container for this task, and add the following environment variable to the container:

```
...
GF_ENTERPRISE_LICENSE_VALIDATION_TYPE=aws
...
```

For more information about how to update your ECS service with an environment variable, refer to [Updating a service using the new console](<https://docs.aws.amazon.com/AmazonECS/latest/developerguide/update-service-console-v2.html>).

#### ### Task 4: Start or restart Grafana

1. To restart Grafana and activate your license, update the service running Grafana to use the latest revision of the task definition that you created.

1. After you update the service, navigate to your Grafana instance, sign in with Grafana Admin credentials, and navigate to **Administration > General > Stats and license** to validate that your license is active.

For more information about validating that your license is active, refer to [Grafana Enterprise license restrictions]({{< relref "../..#grafana-enterprise-license-restrictions" >}}).

---

aliases:

```
- ../..../enterprise/activate-aws-marketplace-license/transfer-ge-license/
- ../..../enterprise/license/activate-aws-marketplace-license/transfer-ge-license/
```

description: Transfer your AWS Marketplace Grafana Enterprise license

keywords:

```
- grafana
- enterprise
- aws
- marketplace
- transfer
- move
```

labels:

products:

```
- enterprise
- oss
```

title: Transfer your AWS Marketplace Grafana Enterprise license

weight: 400

---

# Transfer your AWS Marketplace Grafana Enterprise license

You can transfer your AWS Marketplace Grafana Enterprise license to another Grafana Enterprise instance. The transfer process requires that you first remove your license from one instance, and then apply the license to another instance.

> When you remove an Enterprise license, the system immediately disables all Grafana Enterprise features.

To remove an Enterprise license from a Grafana Enterprise instance, perform one of the following steps:

- If you are using Amazon ECS or Amazon EKS, remove the `GF_ENTERPRISE_LICENSE_VALIDATION_TYPE` environment variable from the container.
- If you have deployed Grafana Enterprise outside of AWS, remove the `aws` `license_validation_type` value from the `grafana.ini` configuration file.

It can take the system up to one hour to clear the license. After the system clears the license, you can apply the same license to another Grafana Enterprise instance.

To determine that the system has returned your license, check the license details in AWS License Manager.

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# 1.686 unknwon-log 0.0.0-20200308114134-929b1006e34a

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## 1.687 [github.com/perimeterx/marshmallow](https://github.com/perimeterx/marshmallow)

### v1.1.5

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## 1.688 [goprotobuf](https://github.com/gogo/protobuf) 1.5.2

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## 1.689 go-jmespath 0.4.0

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## 1.690 open-telemetry-opentelemetry- collector-contrib 1.21.0

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## 1.712 [github.com/grpc-ecosystem/grpc-gateway/v2](https://github.com/grpc-ecosystem/grpc-gateway/v2) v2.16.2

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03e4897d97c50595372db8edf19853f8

# 1.713 github.com/unknwon/log v0.0.0-20200308114134-929b1006e34a

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# 1.714 [github.com/getkin/kin-openapi](https://github.com/getkin/kin-openapi) v0.120.0

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package openapi3

```
import (
 "context"
 "encoding/json"
 "errors"
)
```

```
// License is specified by OpenAPI/Swagger standard version 3.
```

```
// See https://github.com/OAI/OpenAPI-Specification/blob/main/versions/3.0.3.md#license-object
```

```
type License struct {
```

```
 Extensions map[string]any `json:"- " yaml:"- "`
```

```
 Name string `json:"name" yaml:"name"` // Required
```

```
 URL string `json:"url,omitempty" yaml:"url,omitempty"`
```

```
}
```

```
// MarshalJSON returns the JSON encoding of License.
```

```
func (license License) MarshalJSON() ([]byte, error) {
```

```
 x, err := license.MarshalYAML()
```

```
 if err != nil {
```

```
 return nil, err
```

```
 }
```

```
 return json.Marshal(x)
```

```
}
```

```
// MarshalYAML returns the YAML encoding of License.
```

```
func (license License) MarshalYAML() (any, error) {
```

```
 m := make(map[string]any, 2+len(license.Extensions))
```

```
 for k, v := range license.Extensions {
```

```
 m[k] = v
```

```
 }
```

```
 m["name"] = license.Name
```

```
 if x := license.URL; x != "" {
```

```
 m["url"] = x
```

```
 }
```

```
 return m, nil
```

```
}
```

```
// UnmarshalJSON sets License to a copy of data.
```

```
func (license *License) UnmarshalJSON(data
```

```
 []byte) error {
```

```
 type LicenseBis License
```

```

var x LicenseBis
if err := json.Unmarshal(data, &x); err != nil {
 return unmarshalError(err)
}
_ = json.Unmarshal(data, &x.Extensions)
delete(x.Extensions, "name")
delete(x.Extensions, "url")
if len(x.Extensions) == 0 {
 x.Extensions = nil
}
*license = License(x)
return nil
}

// Validate returns an error if License does not comply with the OpenAPI spec.
func (license *License) Validate(ctx context.Context, opts ...ValidationOption) error {
 ctx = WithValidationOptions(ctx, opts...)

 if license.Name == "" {
 return errors.New("value of license name must be a non-empty string")
 }

 return validateExtensions(ctx, license.Extensions)
}

```

## 1.715 [github.com/mithrandie/go-file/v2](https://github.com/mithrandie/go-file/v2) v2.1.0

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```

aliases:
- ../enterprise/activate-aws-marketplace-license/about-ge-license-through-aws/
- ../enterprise/license/activate-aws-marketplace-license/
- ../enterprise/license/activate-aws-marketplace-license/about-ge-license-through-aws/
description: Activate your Grafana Enterprise license purchased in AWS Marketplace
to take advantage of Grafana Enterprise observability features
keywords:
- grafana
- aws
- marketplace
- enterprise
- license
labels:
products:
- enterprise
- oss
title: Activate a Grafana Enterprise license purchased through AWS Marketplace
weight: 400

```

# Activate a Grafana Enterprise license purchased through AWS Marketplace

AWS Marketplace is a convenient place for AWS customers to buy and manage a license for Grafana Enterprise versions 8.3.0 and later.

{{< section >}}

You can deploy Grafana Enterprise in the following ways:

- Using AWS services like ECS, EKS or EC2.
- In an instance outside AWS.

In each case, you must activate the Grafana Enterprise license purchased in AWS Marketplace to take advantage of Grafana Enterprise observability features. Grafana Enterprise licenses purchased through AWS Marketplace are subject to the same [restrictions]({{< relref "../license-restrictions" >}}) as Grafana Enterprise licensed purchased directly from Grafana Labs.

> To purchase a license directly from Grafana Labs or learn more about other Grafana offerings, [Contact a Grafana Labs representative](/contact?about=grafana-enterprise).

## Before you begin

Become an AWS customer. Only AWS customers have access to purchase services through AWS Marketplace. To learn more about becoming an AWS customer, refer to [Sign up for AWS](https://portal.aws.amazon.com/billing/signup#/start).

---

aliases:

- ../enterprise/activate-aws-marketplace-license/activate-license-on-eks/
- ../enterprise/license/activate-aws-marketplace-license/activate-license-on-eks/

description: Activate a Grafana Enterprise license from AWS Marketplace on EKS

keywords:

- grafana
- enterprise
- aws
- marketplace
- eks
- activate

labels:

products:

- enterprise
- oss

title: Activate a Grafana Enterprise license from AWS Marketplace on EKS

weight: 200

---

# Activate a Grafana Enterprise license from AWS Marketplace on EKS

If you have purchased a Grafana Enterprise subscription through AWS Marketplace, you must activate it in order to use Grafana Enterprise data source plugins and features in Grafana.

## Before you begin:

- Purchase a subscription to [Grafana Enterprise from AWS Marketplace](https://aws.amazon.com/marketplace/pp/prodview-dlncd4kzt5kx6).
- Be sure that the IAM user that was used to purchase Grafana Enterprise has permission to manage subscriptions,

create new IAM users and roles, and create access policies.

To activate your license, complete the following tasks:

## ## Task 1: Deploy Grafana Enterprise on Amazon EKS

### 1. Deploy Grafana Enterprise on Amazon EKS.

For more information about deploying an application on Amazon EKS, refer to [Getting started with Amazon EKS AWS Management Console and AWS CLI](<https://docs.aws.amazon.com/eks/latest/userguide/getting-started-console.html>).

For more information about installing Grafana on Kubernetes using the Helm Chart, refer to the [Grafana Helm Chart](<https://github.com/grafana/helm-charts/tree/main/charts/grafana#readme>).

1. Use ``kubectl set image deployment/my-release grafana=grafana/grafana-enterprise:<version>`` to update the container image to Grafana Enterprise version 8.3.0 or later.

For example, enter ``grafana/grafana-enterprise:8.3.3``.

> Only Grafana Enterprise versions 8.3.0 and later support licenses granted through AWS Marketplace.

## ## Task 2: Configure Grafana for high availability

Grafana requires that you configure a database to hold dashboards, users, and other persistent data.

### ### Before you begin

- Ensure that you have a supported Grafana database available.
- For a list of supported databases, refer to [Supported databases]({{< relref "../..../setup-grafana/installation/#supported-databases" >}}).
- For information about creating a database, refer to [Creating an Amazon RDS DB instance]([https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER\\_CreateDBInstance.html](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER_CreateDBInstance.html)).
- Review the information required to connect to the RDS DB instance. For more information, refer to [Connecting to an Amazon RDS DB instance]([https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/CHAP\\_CommonTasks.Connect.html](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/CHAP_CommonTasks.Connect.html)).

To configure Grafana for high availability, choose **one** of the following options:

- **Option 1:** Use ``kubectl edit configmap grafana`` to edit ``grafana.ini`` add the following section to the configuration:

...

[database]

type

= [database type]

host = [database address and port]

```
name = [database name]
user = [database username]
password = [database password]
...
```

- **Option 2:** use `kubectl edit deployment my-release`` to edit the pod `env`` variables and add the following database variables:

```
...
- name: GF_DATABASE_TYPE
 value: [database type]
- name: GF_DATABASE_HOST
 value: [database address and port]
- name: GF_DATABASE_NAME
 value: [database name]
- name: GF_DATABASE_USER
 value: [database username]
- name: GF_DATABASE_PASSWORD
 value: [database password]
...
```

For more information on Grafana High Availability setup, refer to [\[Set up Grafana for high availability\]](#) (`{< relref "../.../..../setup-grafana/set-up-for-high-availability/" >}}`).

### ## Task 3: Configure Grafana Enterprise to validate its license with AWS

In this task, you configure Grafana Enterprise to validate the license with AWS instead of Grafana Labs.

1. In AWS IAM, assign the following permissions to the Node IAM role (if you are using a Node Group), or the Pod Execution role (if you are using a Fargate profile):

```
- "license-manager:CheckoutLicense"
- "license-manager:ListReceivedLicenses"
- "license-manager:GetLicenseUsage"
- "license-manager:CheckInLicense"
```

For more information about creating an access policy, refer to [\[Creating IAM policies \(console\)\]](#) ([https://docs.aws.amazon.com/IAM/latest/UserGuide/access\\_policies\\_create-console.html](https://docs.aws.amazon.com/IAM/latest/UserGuide/access_policies_create-console.html)).

For more information about AWS license permissions, refer to [\[Actions, resources, and condition keys for AWS License Manager\]](#) ([https://docs.aws.amazon.com/service-authorization/latest/reference/list\\_awslicensmanager.html](https://docs.aws.amazon.com/service-authorization/latest/reference/list_awslicensmanager.html)).

1. Choose **one** of the following options to update the `[license_validation_type]` (`{< relref "../.../..../setup-grafana/configure-grafana/enterprise-configuration/#license_validation_type" >}}`) configuration to `aws``:

```
- Option 1: Use kubectl edit configmap grafana` to edit grafana.ini`
```

add the following section to the configuration:

```
...
[enterprise]
license_validation_type=aws
...
```

- **Option 2:** Use `kubect edit deployment my-release` to edit the pod `env` variables and add the following variable:

```
...
name: GF_ENTERPRISE_LICENSE_VALIDATION_TYPE
value: aws
...
```

### ### Task 4: Start or restart Grafana

To activate Grafana Enterprise features, you must start (or restart) Grafana.

To restart Grafana on a Kubernetes cluster,

1. Run the command `kubect rollout restart deployment my-release`.

1. After you update the service, navigate to your Grafana instance, sign in with Grafana Admin credentials, and navigate to **Administration > General > Stats and license** to validate that your license is active.

For more information about restarting Grafana, refer to [Restart Grafana]({{ relref "../..../setup-grafana/start-restart-grafana/" >}}).

> If you experience issues when you update the EKS cluster, refer to [Amazon EKS troubleshooting](https://docs.aws.amazon.com/eks/latest/userguide/troubleshooting.html).

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aliases:

- ../../enterprise/activate-aws-marketplace-license/manage-license-in-aws-marketplace/
- ../../enterprise/license/activate-aws-marketplace-license/manage-license-in-aws-marketplace/

description: Manage your Grafana Enterprise license in AWS Marketplace

keywords:

- grafana
- enterprise
- aws
- marketplace
- manage
- add
- remove
- users

labels:

products:

- enterprise
- oss

title: Manage your Grafana Enterprise license in AWS Marketplace

weight: 400

---

## Manage your Grafana Enterprise license in AWS Marketplace

You can use AWS Marketplace to make the following modifications to your Grafana Enterprise license:

- Add active users
- Remove active users
- Cancel your subscription to Grafana Enterprise.

**\*\*To modify your Grafana Enterprise subscription in AWS Marketplace:\*\***

1. Open the AWS Console and navigate to [Subscription Management](<https://console.aws.amazon.com/marketplace/home/subscriptions#/subscriptions>).

1. Update your license.

1.

Sign in to Grafana as a Server Administrator.

1. Click **\*\*Administration\*\*** in the side navigation menu, **\*\*General\*\***, and then **\*\*Stats and license\*\***.

1. In the **\*\*Token\*\*** section under **\*\*Enterprise License\*\***, click **\*\*Renew token\*\***.

This action retrieves updated license information from AWS.

> To learn more about licensing and active users, refer to [Activate a Grafana Enterprise license purchased through AWS Marketplace]({{< relref "../" >}}).

---

aliases:

- ../../enterprise/activate-aws-marketplace-license/activate-license-on-instance-outside-aws/
- ../../enterprise/license/activate-aws-marketplace-license/activate-license-on-instance-outside-aws/

description: Activate a Grafana Enterprise license from AWS on an instance deployed outside of AWS

keywords:

- grafana
- enterprise
- aws
- marketplace
- activate

labels:

products:

- enterprise
- oss

title: Activate a Grafana Enterprise license from AWS on an instance deployed outside of AWS

weight: 300

---

# Activate a Grafana Enterprise license from AWS on an instance deployed outside of AWS

While AWS Marketplace lists ECS and EKS as the supported environments for Grafana Enterprise, you can apply a Grafana Enterprise license from AWS Marketplace to any Grafana instance with network access to the AWS licensing service.

## Before you begin

- Purchase a subscription to [Grafana Enterprise from AWS Marketplace](<https://aws.amazon.com/marketplace/pp/prodview-dlncd4kzt5kx6>).

-

Be sure that the IAM user that was used to purchase Grafana Enterprise has permission to manage subscriptions, create new IAM users, and create access policies.

- Be sure there is network access between AWS and the environment where you intend to run Grafana. Network access is required because your Grafana instance communicates with the [AWS License Manager endpoints and quotas](<https://docs.aws.amazon.com/general/latest/gr/licensemanager.html>) to retrieve license and subscription information. Grafana instances with access to the public internet will have access to AWS license manager.

To activate a Grafana Enterprise license from AWS on a Grafana Enterprise instance deployed outside of AWS, complete the following tasks.

## Task 1: Install Grafana Enterprise

To install Grafana, refer to the documentation specific to your implementation.

- [Install Grafana]({{ < relref "../..../setup-grafana/installation/" > }}).
- [Run Grafana Docker image]({{ < relref "../..../setup-grafana/installation/docker/" > }}).
- [Deploy Grafana on Kubernetes]({{ < relref "../..../setup-grafana/installation/kubernetes/#deploy-grafana-enterprise-on-kubernetes" > }}).

## Task 2: Create an AWS IAM user with access to your Grafana Enterprise license

To retrieve your license, Grafana Enterprise requires access to your AWS account and license information. To grant access, create an IAM user in AWS with access to the license, and pass its credentials as environment variables on the host or container where Grafana is running. These environment variables allow Grafana to retrieve license details from AWS.

1. In the AWS License Manager service, create an IAM policy with the following permissions:

- `"license-manager:CheckoutLicense"`
- `"license-manager:ListReceivedLicenses"`
- `"license-manager:GetLicenseUsage"`
- `"license-manager:CheckInLicense"`

For more information about creating a policy in AWS, refer to [Creating IAM policies](https://docs.aws.amazon.com/IAM/latest/UserGuide/access\_policies\_create.html).

For more information about AWS Identity and Access Management, refer to [IAM users](https://docs.aws.amazon.com/IAM/latest/UserGuide/id\_users.html).

1. To limit the policy to obtain usage data just for Grafana Enterprise, in the **Resources** section of the policy, specify your license ARN.

You can find your license ID in the **Granted Licenses** section of [AWS License Manager](https://console.aws.amazon.com/license-manager/home).

The policy JSON should look similar to the following example:

```
...
{
 "Version": "2012-10-17",
 "Statement": [
 {
 "Sid": "VisualEditor0",
 "Effect": "Allow",
 "Action": "license-manager:GetLicenseUsage",
 "Resource": "arn:aws:license-manager::[YOUR_ACCOUNT]:license:[YOUR_LICENSE_ID]"
 },
 {
 "Sid": "VisualEditor1",
```

```

 "Effect": "Allow",
 "Action":
 [
 "license-manager:CheckoutLicense",
 "license-manager:ListReceivedLicenses",
 "license-manager:CheckInLicense"
],
 "Resource": "*"
 }
]
}
...

```

1. Create an IAM user and choose access key credentials as its authentication method.

For more information about creating an IAM user, refer to [IAM users]([https://docs.aws.amazon.com/IAM/latest/UserGuide/id\\_users.html](https://docs.aws.amazon.com/IAM/latest/UserGuide/id_users.html)).

For more information about access key credentials, refer to [Managing access keys for IAM users]([https://docs.aws.amazon.com/IAM/latest/UserGuide/id\\_credentials\\_access-keys.html](https://docs.aws.amazon.com/IAM/latest/UserGuide/id_credentials_access-keys.html)).

1. Attach the policy you created to the IAM user.

1. Add the following values as environment variables to the host or container running Grafana:

- AWS region
- IAM user's access key ID
- IAM user's secret access key

The environment variables should look similar to the following example:

```

...
AWS_ACCESS_KEY_ID=ABCD5E75FGHIJKTM7
AWS_SECRET_ACCESS_KEY=k8fhYAQVy+5NhCejhe6HeSjSphjRuy+12C06
AWS_REGION=us-east-1
...

```

## Task 3: Configure Grafana Enterprise to validate its license with AWS

In this task you configure Grafana Enterprise to validate the license with AWS instead of Grafana Labs.

Choose one of the following options to update the [license\_validation\_type]({{ < relref "../setup-grafana/configure-grafana/enterprise-configuration/#license\_validation\_type" > }}) configuration to `aws`:

- **Option 1:** In the `[enterprise]` section of the `grafana.ini` configuration file, add `license_validation_type=aws`.

For example:

...

```
[enterprise]
license_validation_type=aws
...
```

- **Option 2:** Add the following environment variable to the container or host:

...

```
GF_ENTERPRISE_LICENSE_VALIDATION_TYPE=aws
...
```

#### ## Task 4: Start or restart Grafana

To activate Grafana Enterprise features, start (or restart) Grafana.

For information about restarting Grafana, refer to [Restart Grafana]({{< relref "../..../setup-grafana/start-restart-grafana/" >}}).

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# 1.718 mage v1.15.0

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---

title: Notice

description : "Message pour vous aider structurer votre contenu"

---

Le shortcode `*Notice*` permet d'afficher 4 types de message pour vous aider structurer votre contenu.

### ### Note

---

```
{{%/notice note */%}}
```

Une notice de type `*note*`

```
{{%/notice */%}}
```

---

s'affiche comme

```
{{% notice note %}}
```

Une notice de type `*note*`

```
{{% /notice %}}
```

### ### Info

---

```
{{%/notice info */%}}
```

Une notice de type `*info*`

```
{{%/notice */%}}
```

---

s'affiche comme

```
{{% notice info %}}
```

Une notice de type `*info*`

```
{{% /notice %}}
```

### ### Tip

---

```
{{%/notice tip */%}}
```

Une notice de type `*tip*`

```
{{%/notice */%}}
```

---

s'affiche comme

```
{{% notice tip %}}
```

Une notice de type *\*tip\**

```
{{% /notice %}}
```

### Warning

---

```
{{%/ notice warning */%}}
```

Une notice de type *\*warning\**

```
{{%/ notice */%}}
```

---

s'affiche comme

```
{{% notice warning %}}
```

Une notice de type *\*warning\**

```
{{% /notice %}}
```

---

title: Notice

description : "Disclaimers to help you structure your page"

---

The notice shortcode shows 4 types of disclaimers to help you structure your page.

### Note

---

```
{{%/ notice note */%}}
```

A notice disclaimer

```
{{%/ notice */%}}
```

---

renders as

```
{{% notice note %}}
```

A notice disclaimer

```
{{% /notice %}}
```

### Info

---

```
{{%/ notice info */%}}
```

An information disclaimer

```
{{%/ notice */%}}
```

---

renders as

```
{{% notice info %}}
```

An information disclaimer

```
{{% /notice %}}
```

```
Tip
```

```
...
```

```
{{%/* notice tip */%}}
```

A tip disclaimer

```
{{%/* /notice */%}}
```

```
...
```

renders as

```
{{% notice tip %}}
```

A tip disclaimer

```
{{% /notice %}}
```

```
Warning
```

```
...
```

```
{{%/* notice warning */%}}
```

An warning disclaimer

```
{{%/* /notice */%}}
```

```
...
```

renders as

```
{{% notice warning %}}
```

A warning disclaimer

```
{{% /notice %}}
```

# 1.719 [github.com/mithrandie/ternary](https://github.com/mithrandie/ternary) v1.1.1

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## 1.720 go-hclog v1.6.2

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## 1.721 [github.com/grafana/grafana-aws-sdk](https://github.com/grafana/grafana-aws-sdk) v0.22.0

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---

aliases:

- ../../enterprise/activate-aws-marketplace-license/about-ge-license-through-aws/
- ../../enterprise/license/activate-aws-marketplace-license/
- ../../enterprise/license/activate-aws-marketplace-license/about-ge-license-through-aws/

description: Activate your Grafana Enterprise license purchased in AWS Marketplace to take advantage of Grafana Enterprise observability features

keywords:

- grafana
- aws
- marketplace
- enterprise
- license

labels:

products:

- enterprise
- oss

title: Activate a Grafana Enterprise license purchased through AWS Marketplace

weight: 400

---

# Activate a Grafana Enterprise license purchased through AWS Marketplace

AWS Marketplace is a convenient place for AWS customers to buy and manage a license for Grafana Enterprise versions 8.3.0 and later.

{{< section >}}

You can deploy Grafana Enterprise in the following ways:

- Using AWS services like ECS, EKS or EC2.
- In an instance outside AWS.

In each case, you must activate

the Grafana Enterprise license purchased in AWS Marketplace to take advantage of Grafana Enterprise observability features. Grafana Enterprise licenses purchased through AWS Marketplace are subject to the same [restrictions]({{< relref "../license-restrictions" >}}) as Grafana Enterprise licensed purchased directly from Grafana Labs.

> To purchase a license directly from Grafana Labs or learn more about other Grafana offerings, [Contact a Grafana Labs representative](/contact?about=grafana-enterprise).

## Before you begin

Become an AWS customer. Only AWS customers have access to purchase services through AWS Marketplace. To learn more about becoming an AWS customer, refer to [Sign up for AWS](https://portal.aws.amazon.com/billing/signup#/start).

---

aliases:

- ../../enterprise/activate-aws-marketplace-license/activate-license-on-eks/
- ../../enterprise/license/activate-aws-marketplace-license/activate-license-on-eks/

description: Activate a Grafana Enterprise license from AWS Marketplace on EKS

keywords:

- grafana
- enterprise
- aws
- marketplace
- eks
- activate

labels:

products:

- enterprise
- oss

title: Activate a Grafana Enterprise license from AWS Marketplace on EKS

weight: 200

---

# Activate a Grafana Enterprise license from AWS Marketplace on EKS

If you have purchased a Grafana Enterprise subscription through AWS Marketplace, you must activate it in order to use Grafana Enterprise data source plugins and features in Grafana.

## Before you begin:

- Purchase a subscription to [Grafana Enterprise from AWS Marketplace](<https://aws.amazon.com/marketplace/pp/prodview-dlncd4kzt5kx6>).
- Be sure that the IAM user that was used to purchase Grafana Enterprise has permission to manage subscriptions, create new IAM users and roles, and create access policies.

To activate your license, complete the following tasks:

## Task 1: Deploy Grafana Enterprise on Amazon EKS

1. Deploy Grafana Enterprise on Amazon EKS.

For more information about deploying an application on Amazon EKS, refer to [Getting started with Amazon EKS AWS Management Console and AWS CLI](<https://docs.aws.amazon.com/eks/latest/userguide/getting-started-console.html>).

For more information about installing Grafana on Kubernetes using the Helm Chart, refer to the [Grafana Helm Chart](<https://github.com/grafana/helm-charts/tree/main/charts/grafana#readme>).

1. Use `kubectl set image deployment/my-release grafana=grafana/grafana-enterprise:<version>` to update the container image to Grafana Enterprise version 8.3.0 or later.

For example, enter `grafana/grafana-enterprise:8.3.3`.

> Only Grafana Enterprise versions 8.3.0 and later support licenses granted through AWS Marketplace.

## Task 2: Configure Grafana

for high availability

Grafana requires that you configure a database to hold dashboards, users, and other persistent data.

### Before you begin

- Ensure that you have a supported Grafana database available.
- For a list of supported databases, refer to [Supported databases]({{< relref "../.../setup-grafana/installation/#supported-databases" >}}).
- For information about creating a database, refer to [Creating an Amazon RDS DB instance](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER\_CreateDBInstance.html).
- Review the information required to connect to the RDS DB instance. For more information, refer to [Connecting to an Amazon RDS DB instance](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/CHAP\_CommonTasks.Connect.html).

To configure Grafana for high availability, choose **one** of the following options:

- **Option 1:** Use `kubectl edit configmap grafana` to edit `grafana.ini` add the following section to the configuration:

```
...
[database]
type
= [database type]
host = [database address and port]
name = [database name]
user = [database username]
password = [database password]
...
```

- **Option 2:** use `kubectl edit deployment my-release` to edit the pod `env` variables and add the following database variables:

```
...
- name: GF_DATABASE_TYPE
 value: [database type]
- name: GF_DATABASE_HOST
 value: [database address and port]
- name: GF_DATABASE_NAME
 value: [database name]
- name: GF_DATABASE_USER
 value: [database username]
- name: GF_DATABASE_PASSWORD
 value: [database password]
...
```

For more information on Grafana High Availability setup, refer to [Set up Grafana for high availability]({{< relref "../.../setup-grafana/set-up-for-high-availability/" >}}).

## ## Task 3: Configure Grafana Enterprise to validate its license with AWS

In this task, you configure Grafana Enterprise to validate the license with AWS instead of Grafana Labs.

1. In AWS IAM, assign the following permissions to the Node IAM role (if you are using a Node Group), or the Pod Execution role (if you are using a Fargate profile):

```
- `license-manager:CheckoutLicense`
- `license-manager:ListReceivedLicenses`
- `license-manager:GetLicenseUsage`
- `license-manager:CheckInLicense`
```

For more information about creating an access policy, refer to [Creating IAM policies (console)]([https://docs.aws.amazon.com/IAM/latest/UserGuide/access\\_policies\\_create-console.html](https://docs.aws.amazon.com/IAM/latest/UserGuide/access_policies_create-console.html)).

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1. Choose **one** of the following options to update the [license\_validation\_type]({{ < relref "../.../setup-grafana/configure-grafana/enterprise-configuration/#license\_validation\_type" > }}) configuration to `aws`:

- **Option 1:** Use `kubectl edit configmap grafana` to edit `grafana.ini` add the following section to the configuration:

```
...
[enterprise]
license_validation_type=aws
...
```

- **Option 2:** Use `kubectl edit deployment my-release` to edit the pod `env` variables and add the following variable:

```
...
name: GF_ENTERPRISE_LICENSE_VALIDATION_TYPE
value: aws
...
```

## ### Task 4: Start or restart Grafana

To activate Grafana Enterprise features, you must start (or restart) Grafana.

To restart Grafana on a Kubernetes cluster,

1. Run the command `kubectl rollout restart deployment my-release`.

1. After you update the service, navigate to your Grafana instance, sign in with Grafana Admin credentials, and navigate to **\*\*Administration > General > Stats and license\*\*** to validate that your license is active.

For more information about restarting Grafana, refer to [Restart Grafana]({{< relref "../.../setup-grafana/start-restart-grafana/" >}}).

> If you experience issues when you update the EKS cluster, refer to [Amazon EKS troubleshooting](https://docs.aws.amazon.com/eks/latest/userguide/troubleshooting.html).

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---

aliases:

- ../admin/view-server-settings/
- ../admin/view-server-stats/
- view-server/
- view-server/view-server-settings/
- view-server/view-server-stats/

description: How to view server settings in the Grafana UI

keywords:

- grafana
- configuration
- server
- settings

labels:

products:

- cloud
- enterprise

title: View server statistics and license

weight: 400

---

# View server statistics and license

This setting contains information about tools that Grafana Server Admins can use to learn more about their Grafana servers.

## ## View Grafana server settings

> Refer to [Role-based access control]({{< relref "../roles-and-permissions/access-control" >}}) in Grafana Enterprise to understand how you can control access with RBAC permissions.

If you are a Grafana server administrator, use the Settings tab to view the settings that are applied to your Grafana server via the [Configuration]({{< relref "../setup-grafana/configure-grafana#configuration-file-location" >}}) file and any environmental variables.

> **Note:** Only Grafana server administrators can access the **Server Admin** menu. For more information about administrative permissions, refer to [Roles and permissions]({{< relref "../roles-and-permissions#grafana-server-administrators" >}}).

## ### View server settings

1. Log in to your Grafana server with an account that has the Grafana Admin flag set.
1. Click **Administration** in the left-side menu, **General**, and then **Settings**.

## ### Available settings

For a full list of server settings, refer to [Configuration]({{< relref "../setup-grafana/configure-grafana#server" >}}).

## ## View Grafana server stats

> Refer to [Role-based access control]({{< relref "../roles-and-permissions/access-control" >}}) in Grafana Enterprise to understand how you can control access with RBAC permissions.

If you are a Grafana server admin, then you can view useful statistics about your Grafana server in the Stats & Licensing tab.

>

**Note:** Only Grafana server administrators can access the **Server Admin** menu. For more information about administrative permissions, refer to [Roles and permissions]({{< relref "../roles-and-permissions#grafana-server-administrators" >}}).

## ### View server stats

1. Log in to your Grafana server with an account that has the Grafana Admin flag set.
1. Click **Administration** in the left-side menu, **General**, and then **Stats and license**.

## ### Available stats

The following statistics are displayed in the Stats tab:

- Total users
- \*\*Note:\*\* Total users = Total admins + Total editors + Total viewers
- Total admins
- Total editors
- Total viewers
- Active users (seen last 30 days)
- \*\*Note:\*\* Active users = Active admins + Active editors + Active viewers
- Active admins (seen last 30 days)
- Active editors (seen last 30 days)
- Active viewers (seen last 30 days)
- Active sessions
- Total dashboards
- Total orgs
- Total playlists
- Total snapshots
- Total dashboard tags
- 
- Total starred dashboards
- Total alerts

### ### Counting users

If a user belongs to several organizations, then that user is counted once as a user in the highest organization role they are assigned, regardless of how many organizations the user belongs to.

For example, if Sofia is a Viewer in two organizations, an Editor in two organizations, and Admin in three organizations, then she would be reflected in the stats as:

- Total users 1
  - Total admins 1
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aliases:

- ../../enterprise/activate-aws-marketplace-license/manage-license-in-aws-marketplace/
- ../../enterprise/license/activate-aws-marketplace-license/manage-license-in-aws-marketplace/

description: Manage your Grafana Enterprise license in AWS Marketplace

keywords:

- grafana
- enterprise
- aws
- marketplace
- manage
- add
- remove
- users

labels:

products:

- enterprise
- oss

title: Manage your Grafana Enterprise license in AWS Marketplace

weight: 400

---

## Manage your Grafana Enterprise license in AWS Marketplace

You can use AWS Marketplace to make the following modifications to your Grafana Enterprise license:

- Add active users
- Remove active users
- Cancel your subscription to Grafana Enterprise.

**\*\*To modify your Grafana Enterprise subscription in AWS Marketplace:\*\***

1. Open the AWS Console and navigate to [Subscription Management](https://console.aws.amazon.com/marketplace/home/subscriptions#/subscriptions).

1. Update your license.

1.

Sign in to Grafana as a Server Administrator.

1. Click **\*\*Administration\*\*** in the side navigation menu, **\*\*General\*\***, and then **\*\*Stats and license\*\***.

1. In the **\*\*Token\*\*** section under **\*\*Enterprise License\*\***, click **\*\*Renew token\*\***.

This action retrieves updated license information from AWS.

> To learn more about licensing and active users, refer to [Activate a Grafana Enterprise license purchased through AWS Marketplace]({{ < relref "../" > }}).

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aliases:

- ../../enterprise/activate-aws-marketplace-license/activate-license-on-ecs/

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description: Activate a Grafana Enterprise license from AWS Marketplace on ECS

keywords:

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- ecs

- enterprise

- aws

- marketplace

- activate

labels:

products:

- enterprise
- oss

title: Activate a Grafana Enterprise license from AWS Marketplace on ECS

weight: 250

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# Activate a Grafana Enterprise license from AWS Marketplace on ECS

If you have purchased a Grafana Enterprise subscription through AWS Marketplace, you must activate it in order to use Grafana Enterprise data source plugins and features in Grafana.

## Before you begin

- Purchase a subscription to [Grafana Enterprise from AWS Marketplace](<https://aws.amazon.com/marketplace/pp/prodview-dlncd4kzt5kx6>).
- Be sure that the IAM user that was used to purchase Grafana Enterprise has permission to manage subscriptions, create new IAM users and roles, and create access policies.

To activate your license, complete the following tasks.

## Task 1: Deploy Grafana Enterprise on Amazon ECS

1. Deploy Grafana Enterprise on Amazon ECS.

For more information about deploying an application on Amazon ECS, refer to [Creating an Amazon ECS service](<https://docs.aws.amazon.com/AmazonECS/latest/developerguide/create-service.html>).

1. As you create the Amazon ECS service, use the Grafana Enterprise version 8.3.0 or later container image.

For example, enter `grafana/grafana-enterprise:8.3.3`.

> Only Grafana Enterprise versions 8.3.0 and later support licenses granted through AWS Marketplace.

## Task 2: Configure Grafana for high availability

Grafana requires that you configure a database to hold dashboards, users, and other persistent data.

### Before you begin

- Ensure that you have a supported Grafana database available.
- For a list of supported databases, refer to [Supported databases]({{ < relref ".././../setup-grafana/installation/#supported-databases" > }}).
- For information about creating a database, refer to [Creating an Amazon RDS DB instance]([https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER\\_CreateDBInstance.html](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER_CreateDBInstance.html)).
- Review the information required to connect to the RDS DB instance. For more information, refer to [Connecting to an Amazon RDS DB

instance](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/CHAP\_CommonTasks.Connect.html).

To configure Grafana for high availability:

1. In AWS ECS, use environment variables to update the `database` parameters.

For a list of database parameters, refer to [Configuration]({{< relref "../..../setup-grafana/configure-grafana/#database" >}}).

1. Create a revision of the task definition for the ECS Task that runs Grafana Enterprise.

For more information about creating a task, refer to [Updating a task definition using the classic console](https://docs.aws.amazon.com/AmazonECS/latest/developerguide/update-task-definition.html).

- 1.

Within the new revision, edit the Grafana Enterprise container for this task, and add the following environment variables to the container:

```
...
GF_DATABASE_TYPE=[database type]
GF_DATABASE_HOST=[database address and port]
GF_DATABASE_NAME=[database name]
GF_DATABASE_USER=[database username]
GF_DATABASE_PASSWORD=[database password]
...
```

> For more information about how to update your ECS service with an environment variable, refer to [Updating a service using the new console](https://docs.aws.amazon.com/AmazonECS/latest/developerguide/update-service-console-v2.html).

### ## Task 3: Configure Grafana Enterprise to validate its license with AWS

In this task you configure Grafana Enterprise to validate the license with AWS instead of Grafana Labs.

1. In AWS IAM, create an access policy with the following permissions:

```
- "license-manager:CheckoutLicense"
- "license-manager:ListReceivedLicenses"
- "license-manager:GetLicenseUsage"
- "license-manager:CheckInLicense"
```

For more information about creating an access policy, refer to [Creating IAM policies (console)](https://docs.aws.amazon.com/IAM/latest/UserGuide/access\_policies\_create-console.html).

For more information about AWS license permissions, refer to [Actions, resources, and condition keys for AWS License Manager](https://docs.aws.amazon.com/service-authorization/latest/reference/list\_awslicensemanager.html).

1. Create an Elastic Container Service task role and attach the policy you created in the previous step.

For more information about creating a task role, refer to [IAM Roles for Tasks](https://docs.aws.amazon.com/AmazonECS/latest/developerguide/task-iam-roles.html).

1. Create a revision of the task definition for the ECS Task that runs Grafana Enterprise.

For more information about creating a revision of the task definition, refer to [Updating a task definition using the classic console](https://docs.aws.amazon.com/AmazonECS/latest/developerguide/update-task-definition.html).

1.

Within the new revision, perform the following steps:

a. Update the Task Role of your ECS Task to the role that you created, with permission to access license information.

b. Edit the Grafana Enterprise container for this task, and add the following environment variable to the container:

```
...
GF_ENTERPRISE_LICENSE_VALIDATION_TYPE=aws
...
```

For more information about how to update your ECS service with an environment variable, refer to [Updating a service using the new console](https://docs.aws.amazon.com/AmazonECS/latest/developerguide/update-service-console-v2.html).

### ### Task 4: Start or restart Grafana

1. To restart Grafana and activate your license, update the service running Grafana to use the latest revision of the task definition that you created.

1. After you update the service, navigate to your Grafana instance, sign in with Grafana Admin credentials, and navigate to **Administration > General > Stats and license** to validate that your license is active.

For more information about validating that your license is active, refer to [Grafana Enterprise license restrictions]({{< relref "../#grafana-enterprise-license-restrictions" >}}).

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---

aliases:

- ../../../enterprise/activate-aws-marketplace-license/transfer-ge-license/
- ../../../enterprise/license/activate-aws-marketplace-license/transfer-ge-license/

description: Transfer your AWS Marketplace Grafana Enterprise license

keywords:

- grafana
- enterprise
- aws
- marketplace
- transfer
- move

labels:

products:

- enterprise
- oss

title: Transfer your AWS Marketplace Grafana Enterprise license

weight: 400

---

# Transfer your AWS Marketplace Grafana Enterprise license

You can transfer your AWS Marketplace Grafana Enterprise license to another Grafana Enterprise instance. The transfer process requires that you first remove your license from one instance, and then apply the license to another instance.

> When you remove an Enterprise license, the system immediately disables all Grafana Enterprise features.

To remove an Enterprise license from a Grafana Enterprise instance, perform one of the following steps:

- If you are using Amazon ECS or Amazon EKS, remove the `GF\_ENTERPRISE\_LICENSE\_VALIDATION\_TYPE` environment variable from the container.
- If you have deployed Grafana Enterprise outside of AWS, remove the `aws` license\_validation\_type value from the grafana.ini configuration file.

It can take the system up to one hour to clear the license. After the system clears the license, you can apply the same license to another Grafana Enterprise instance.

To determine that the system has returned your license, check the license details in AWS License Manager.

# 1.722 github.com/apache/arrow/go/v13

## v13.0.0

### 1.722.1 Available under license :

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=====

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| md5 contributions | llvm/lib/Support/MD5.cpp llvm/include/llvm/Support/MD5.h |

---

aliases:

- ../enterprise/activate-aws-marketplace-license/about-ge-license-through-aws/
- ../enterprise/license/activate-aws-marketplace-license/
- ../enterprise/license/activate-aws-marketplace-license/about-ge-license-through-aws/

description: Activate your Grafana Enterprise license purchased in AWS Marketplace to take advantage of Grafana Enterprise observability features

keywords:

- grafana
- aws
- marketplace
- enterprise
- license

labels:

products:

- enterprise
- oss

title: Activate a Grafana Enterprise license purchased through AWS Marketplace

weight: 400

---

# Activate a Grafana Enterprise license purchased through AWS Marketplace

AWS Marketplace is a convenient place for AWS customers to buy and manage a license for Grafana Enterprise versions 8.3.0 and later.

{{< section >}}

You can deploy Grafana Enterprise in the following ways:

- Using AWS services like ECS, EKS or EC2.
- In an instance outside AWS.

In each case, you must activate the Grafana Enterprise license purchased in AWS Marketplace to take advantage of Grafana Enterprise observability features. Grafana Enterprise licenses purchased through AWS Marketplace are subject to the same [restrictions]({{< relref "../license-restrictions" >}}) as Grafana Enterprise licensed purchased directly from Grafana Labs.

> To purchase a license directly from Grafana Labs or learn more about other Grafana offerings, [Contact a Grafana Labs representative](/contact?about=grafana-enterprise).

## Before you begin

Become an AWS customer. Only AWS customers have access to purchase services through AWS Marketplace. To learn more about becoming an AWS customer, refer to [Sign up for AWS](https://portal.aws.amazon.com/billing/signup#/start).

---

aliases:

- ../enterprise/activate-aws-marketplace-license/activate-license-on-eks/
- ../enterprise/license/activate-aws-marketplace-license/activate-license-on-eks/

description: Activate a Grafana Enterprise license from AWS Marketplace on EKS

keywords:

- grafana
- enterprise
- aws
- marketplace
- eks
- activate

labels:

products:

- enterprise
- oss

title: Activate a Grafana Enterprise license from AWS Marketplace on EKS

weight: 200

---

# Activate a Grafana Enterprise license from AWS Marketplace on EKS

If you have purchased a Grafana Enterprise subscription through AWS Marketplace, you must activate it in order to use Grafana Enterprise data source plugins and features in Grafana.

## Before you begin:

- Purchase a subscription to [Grafana Enterprise from AWS Marketplace](<https://aws.amazon.com/marketplace/pp/prodview-dlncd4kzt5kx6>).
- Be sure that the IAM user that was used to purchase Grafana Enterprise has permission to manage subscriptions, create new IAM users and roles, and create access policies.

To activate your license, complete the following tasks:

## Task 1: Deploy Grafana Enterprise on Amazon EKS

1. Deploy Grafana Enterprise on Amazon EKS.

For more information about deploying an application on Amazon EKS, refer to [Getting started with Amazon EKS AWS Management Console and AWS CLI](<https://docs.aws.amazon.com/eks/latest/userguide/getting-started-console.html>).

For more information about installing Grafana on Kubernetes using the Helm Chart, refer to the [Grafana Helm Chart](<https://github.com/grafana/helm-charts/tree/main/charts/grafana#readme>).

1. Use `kubectl set image deployment/my-release grafana=grafana/grafana-enterprise:<version>` to update the container image to Grafana Enterprise version 8.3.0 or later.

For example, enter `grafana/grafana-enterprise:8.3.3`.

> Only Grafana Enterprise versions 8.3.0 and later support licenses granted through AWS Marketplace.

## Task 2: Configure Grafana  
for high availability

Grafana requires that you configure a database to hold dashboards, users, and other persistent data.

### Before you begin

- Ensure that you have a supported Grafana database available.
- For a list of supported databases, refer to [Supported databases]({{< relref "../..../setup-grafana/installation/#supported-databases" >}}).
- For information about creating a database, refer to [Creating an Amazon RDS DB instance]([https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER\\_CreateDBInstance.html](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER_CreateDBInstance.html)).
- Review the information required to connect to the RDS DB instance. For more information, refer to [Connecting to an Amazon RDS DB instance]([https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/CHAP\\_CommonTasks.Connect.html](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/CHAP_CommonTasks.Connect.html)).

To configure Grafana for high availability, choose **one** of the following options:

- **Option 1:** Use `kubectl edit configmap grafana` to edit grafana.ini` add the following section to the configuration:`

```
...
[database]
type
= [database type]
host = [database address and port]
name = [database name]
user = [database username]
password = [database password]
...
```

- **Option 2:** use `kubectl edit deployment my-release` to edit the pod env` variables and add the following database variables:`

```
...
- name: GF_DATABASE_TYPE
 value: [database type]
- name: GF_DATABASE_HOST
 value: [database address and port]
- name: GF_DATABASE_NAME
 value: [database name]
- name: GF_DATABASE_USER
 value: [database username]
- name: GF_DATABASE_PASSWORD
 value: [database password]
...
```

For more information on Grafana High Availability setup, refer to [Set up Grafana for high availability]({{< relref  
"/../../setup-grafana/set-up-for-high-availability/" >}}).

### ## Task 3: Configure Grafana Enterprise to validate its license with AWS

In this task, you configure Grafana Enterprise to validate the license with AWS instead of Grafana Labs.

1. In AWS IAM, assign the following permissions to the Node IAM role (if you are using a Node Group), or the Pod Execution role (if you are using a Fargate profile):

```
- "license-manager:CheckoutLicense"
- "license-manager:ListReceivedLicenses"
- "license-manager:GetLicenseUsage"
- "license-manager:CheckInLicense"
```

For more information about creating an access policy, refer to [Creating IAM policies (console)]([https://docs.aws.amazon.com/IAM/latest/UserGuide/access\\_policies\\_create-console.html](https://docs.aws.amazon.com/IAM/latest/UserGuide/access_policies_create-console.html)).

For more information about AWS license permissions, refer to [Actions, resources, and condition keys for AWS License Manager]([https://docs.aws.amazon.com/service-authorization/latest/reference/list\\_awslicensemanager.html](https://docs.aws.amazon.com/service-authorization/latest/reference/list_awslicensemanager.html)).

1. Choose **one** of the following options to update the [license\_validation\_type]({{< relref "../.../setup-grafana/configure-grafana/enterprise-configuration/#license\_validation\_type" >}}) configuration to `aws`:

- **Option 1:** Use `kubectl edit configmap grafana` to edit `grafana.ini` add the following section to the configuration:

```
...
[enterprise]
license_validation_type=aws
...
```

- **Option 2:** Use `kubectl edit deployment my-release` to edit the pod `env` variables and add the following variable:

```
...
name: GF_ENTERPRISE_LICENSE_VALIDATION_TYPE
value: aws
...
```

### ### Task 4: Start or restart Grafana

To activate Grafana Enterprise features, you must start (or restart) Grafana.

To restart Grafana on a Kubernetes cluster,

1. Run the command `kubectl rollout restart deployment my-release`.

1. After you update the service, navigate to your Grafana instance, sign in with Grafana Admin credentials, and navigate to **Administration > General > Stats and license** to validate that your license is active.

For more information about restarting Grafana, refer to [Restart Grafana]({{< relref "../.../setup-grafana/start-restart-grafana/" >}}).

> If you experience issues when you update the EKS cluster, refer to [Amazon EKS troubleshooting](<https://docs.aws.amazon.com/eks/latest/userguide/troubleshooting.html>).

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Upstream-Contact: <dev@arrow.apache.org>

Source: <https://dist.apache.org/repos/dist/release/arrow/>

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aliases:

- ../admin/view-server-settings/
- ../admin/view-server-stats/
- view-server/
- view-server/view-server-settings/
- view-server/view-server-stats/

description: How to view server settings in the Grafana UI

keywords:

- grafana
- configuration
- server
- settings

labels:

products:

- cloud
- enterprise

title: View server statistics and license

weight: 400

---

# View server statistics and license

This setting contains information about tools that Grafana Server Admins can use to learn more about their Grafana servers.

## View Grafana server settings

> Refer to [Role-based access control]({{< relref "../roles-and-permissions/access-control" >}}) in Grafana Enterprise to understand how you can control access with RBAC permissions.

If you are a Grafana server administrator, use the Settings tab to view the settings that are applied to your Grafana server via the [Configuration]({{< relref "../setup-grafana/configure-grafana#configuration-file-location" >}}) file and any environmental variables.

> **Note:** Only Grafana server administrators can access the **Server Admin** menu. For more information about administrative permissions, refer to [Roles and permissions]({{< relref "../roles-and-permissions#grafana-server-administrators" >}}).

### View server settings

1. Log in to your Grafana server with an account that has the Grafana Admin flag set.
1. Click **Administration** in the left-side menu, **General**, and then **Settings**.

### ### Available settings

For a full list of server settings, refer to [Configuration]({{< relref "../setup-grafana/configure-grafana#server" >}}).

### ## View Grafana server stats

> Refer to [Role-based access control]({{< relref "../roles-and-permissions/access-control" >}}) in Grafana Enterprise to understand how you can control access with RBAC permissions.

If you are a Grafana server admin, then you can view useful statistics about your Grafana server in the Stats & Licensing tab.

>

**Note:** Only Grafana server administrators can access the **Server Admin** menu. For more information about administrative permissions, refer to [Roles and permissions]({{< relref "../roles-and-permissions#grafana-server-administrators" >}}).

### ### View server stats

1. Log in to your Grafana server with an account that has the Grafana Admin flag set.
1. Click **Administration** in the left-side menu, **General**, and then **Stats and license**.

### ### Available stats

The following statistics are displayed in the Stats tab:

- Total users  
**Note:** Total users = Total admins + Total editors + Total viewers
- Total admins
- Total editors
- Total viewers
- Active users (seen last 30 days)  
**Note:** Active users = Active admins + Active editors + Active viewers
- Active admins (seen last 30 days)
- Active editors (seen last 30 days)
- Active viewers (seen last 30 days)
- Active sessions
- Total dashboards
- Total orgs
- Total playlists
- Total snapshots
- Total dashboard tags
- 
- Total starred dashboards
- Total alerts

### ### Counting users

If a user belongs to several organizations, then that user is counted once as a user in the highest organization role they are assigned, regardless of how many organizations the user belongs to.

For example, if Sofia is a Viewer in two organizations, an Editor in two organizations, and Admin in three organizations, then she would be reflected in the stats as:

- Total users 1
  - Total admins 1
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aliases:

- ../../enterprise/activate-aws-marketplace-license/manage-license-in-aws-marketplace/
- ../../enterprise/license/activate-aws-marketplace-license/manage-license-in-aws-marketplace/

description: Manage your Grafana Enterprise license in AWS Marketplace

keywords:

- grafana
- enterprise
- aws
- marketplace
- manage
- add
- remove
- users

labels:

products:

- enterprise
- oss

title: Manage your Grafana Enterprise license in AWS Marketplace

weight: 400

---

## Manage your Grafana Enterprise license in AWS Marketplace

You can use AWS Marketplace to make the following modifications to your Grafana Enterprise license:

- Add active users

- Remove active users
- Cancel your subscription to Grafana Enterprise.

**\*\*To modify your Grafana Enterprise subscription in AWS Marketplace:\*\***

1. Open the AWS Console and navigate to [Subscription Management](https://console.aws.amazon.com/marketplace/home/subscriptions#/subscriptions).

1. Update your license.

1.

Sign in to Grafana as a Server Administrator.

1. Click **\*\*Administration\*\*** in the side navigation menu, **\*\*General\*\***, and then **\*\*Stats and license\*\***.

1. In the **\*\*Token\*\*** section under **\*\*Enterprise License\*\***, click **\*\*Renew token\*\***.

This action retrieves updated license information from AWS.

> To learn more about licensing and active users, refer to [Activate a Grafana Enterprise license purchased through AWS Marketplace]({{ < relref "../" > }}).

Format: <http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: Apache Arrow

Upstream-Contact: Apache Arrow Developers <dev@arrow.apache.org>

Files: \*

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---

aliases:

- ../../enterprise/activate-aws-marketplace-license/activate-license-on-instance-outside-aws/
- ../../enterprise/license/activate-aws-marketplace-license/activate-license-on-instance-outside-aws/

description: Activate a Grafana Enterprise license from AWS on an instance deployed outside of AWS

keywords:

- grafana
- enterprise
- aws
- marketplace
- activate

labels:

products:

- enterprise
- oss

title: Activate a Grafana Enterprise license from AWS on an instance deployed outside of AWS

weight: 300

---

# Activate a Grafana Enterprise license from AWS on an instance deployed outside of AWS

While AWS Marketplace lists ECS and EKS as the supported environments for Grafana Enterprise, you can apply a Grafana Enterprise license from AWS Marketplace to any Grafana instance with network access to the AWS licensing service.

## Before you begin

- Purchase a subscription to [Grafana Enterprise from AWS Marketplace](<https://aws.amazon.com/marketplace/pp/prodview-dlncd4kzt5kx6>).

-

Be sure that the IAM user that was used to purchase Grafana Enterprise has permission to manage subscriptions, create new IAM users, and create access policies.

- Be sure there is network access between AWS and the environment where you intend to run Grafana. Network access is required because your Grafana instance communicates with the [AWS License Manager endpoints and quotas](<https://docs.aws.amazon.com/general/latest/gr/licensemanager.html>) to retrieve license and subscription information. Grafana instances with access to the public internet will have access to AWS license manager.

To activate a Grafana Enterprise license from AWS on a Grafana Enterprise instance deployed outside of AWS, complete the following tasks.

## Task 1: Install Grafana Enterprise

To install Grafana, refer to the documentation specific to your implementation.

- [Install Grafana]({{ < relref "../setup-grafana/installation/" > }}).

- [Run Grafana Docker image]({{ < relref

```
"../../../../setup-grafana/installation/docker/" >}}).
- [Deploy Grafana on Kubernetes]({{< relref "../../../../setup-grafana/installation/kubernetes/#deploy-grafana-
enterprise-on-kubernetes" >}}).
```

## Task 2: Create an AWS IAM user with access to your Grafana Enterprise license

To retrieve your license, Grafana Enterprise requires access to your AWS account and license information. To grant access, create an IAM user in AWS with access to the license, and pass its credentials as environment variables on the host or container where Grafana is running. These environment variables allow Grafana to retrieve license details from AWS.

1. In the AWS License Manager service, create an IAM policy with the following permissions:

```
- "license-manager:CheckoutLicense"
- "license-manager:ListReceivedLicenses"
- "license-manager:GetLicenseUsage"
- "license-manager:CheckInLicense"
```

For more information about creating a policy in AWS, refer to [Creating IAM policies]([https://docs.aws.amazon.com/IAM/latest/UserGuide/access\\_policies\\_create.html](https://docs.aws.amazon.com/IAM/latest/UserGuide/access_policies_create.html)).

For more information about AWS Identity and Access Management, refer to [IAM users]([https://docs.aws.amazon.com/IAM/latest/UserGuide/id\\_users.html](https://docs.aws.amazon.com/IAM/latest/UserGuide/id_users.html)).

1. To limit the policy to obtain usage data just for Grafana Enterprise, in the **Resources** section of the policy, specify your license ARN.

You can find your license ID in the **Granted Licenses** section of [AWS License Manager](<https://console.aws.amazon.com/license-manager/home>).

The policy JSON should look similar to the following example:

```
...
{
 "Version": "2012-10-17",
 "Statement": [
 {
 "Sid": "VisualEditor0",
 "Effect": "Allow",
 "Action": "license-manager:GetLicenseUsage",
 "Resource": "arn:aws:license-manager::[YOUR_ACCOUNT]:license:[YOUR_LICENSE_ID]"
 },
 {
 "Sid": "VisualEditor1",
 "Effect": "Allow",
 "Action":
[
 "license-manager:CheckoutLicense",
```

```

 "license-manager:ListReceivedLicenses",
 "license-manager:CheckInLicense"
],
 "Resource": "*"
}
]
}
...

```

1. Create an IAM user and choose access key credentials as its authentication method.

For more information about creating an IAM user, refer to [IAM users]([https://docs.aws.amazon.com/IAM/latest/UserGuide/id\\_users.html](https://docs.aws.amazon.com/IAM/latest/UserGuide/id_users.html)).

For more information about access key credentials, refer to [Managing access keys for IAM users]([https://docs.aws.amazon.com/IAM/latest/UserGuide/id\\_credentials\\_access-keys.html](https://docs.aws.amazon.com/IAM/latest/UserGuide/id_credentials_access-keys.html)).

1. Attach the policy you created to the IAM user.

1. Add the following values as environment variables to the host or container running Grafana:

- AWS region
- IAM user's access key ID
- IAM user's secret access key

The environment variables should look similar to the following example:

```

...
AWS_ACCESS_KEY_ID=ABCD5E75FGHIJKTM7
AWS_SECRET_ACCESS_KEY=k8fhYAQVy+5NhCejhe6HeSjSphjRuy+12C06
AWS_REGION=us-east-1
...

```

## Task 3: Configure Grafana Enterprise to validate its license with AWS

In this task you configure Grafana Enterprise to validate the license with AWS instead of Grafana Labs.

Choose one of the following options to update the [license\_validation\_type]({{ < relref "../..../setup-grafana/configure-grafana/enterprise-configuration/#license\_validation\_type" > }}) configuration to `aws`:

- **Option 1:** In the `[enterprise]` section of the `grafana.ini` configuration file, add `license_validation_type=aws`.

For example:

```

...
[enterprise]
license_validation_type=aws
...

```

- **Option 2:** Add the following environment variable to the container or host:

...

```
GF_ENTERPRISE_LICENSE_VALIDATION_TYPE=aws
```

...

#### ## Task 4: Start or restart Grafana

To activate Grafana Enterprise features, start (or restart) Grafana.

For information about restarting Grafana, refer to [Restart Grafana]({{< relref "../setup-grafana/start-restart-grafana/" >}}).

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aliases:

- ../../enterprise/activate-aws-marketplace-license/transfer-ge-license/
- ../../enterprise/license/activate-aws-marketplace-license/transfer-ge-license/

description: Transfer your AWS Marketplace Grafana Enterprise license

keywords:

- grafana
- enterprise
- aws
- marketplace
- transfer

- move

labels:

products:

- enterprise

- oss

title: Transfer your AWS Marketplace Grafana Enterprise license

weight: 400

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You can transfer your AWS Marketplace Grafana Enterprise license to another Grafana Enterprise instance. The transfer process requires that you first remove your license from one instance, and then apply the license to another instance.

> When you remove an Enterprise license, the system immediately disables all Grafana Enterprise features.

To remove an Enterprise license from a Grafana Enterprise instance, perform one of the following steps:

- If you are using Amazon ECS or

Amazon EKS, remove the `GF\_ENTERPRISE\_LICENSE\_VALIDATION\_TYPE` environment variable from the container.

- If you have deployed Grafana Enterprise outside of AWS, remove the `aws` license\_validation\_type value from the grafana.ini configuration file.

It can take the system up to one hour to clear the license. After the system clears the license, you can apply the same license to another Grafana Enterprise instance.

To determine that the system has returned your license, check the license details in AWS License Manager.

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# 1.724 github.com/grafana/opensearch-datasource v0.0.0-20240510142735-6e582187b7fc

## 1.724.1 Available under license :

---

aliases:

- ../../enterprise/activate-aws-marketplace-license/activate-license-on-eks/
- ../../enterprise/license/activate-aws-marketplace-license/activate-license-on-eks/

description: Activate a Grafana Enterprise license from AWS Marketplace on EKS

keywords:

- grafana
- enterprise
- aws
- marketplace
- eks
- activate

labels:

products:

- enterprise
- oss

title: Activate a Grafana Enterprise license from AWS Marketplace on EKS

weight: 200

---

# Activate a Grafana Enterprise license from AWS Marketplace on EKS

If you have purchased a Grafana Enterprise subscription through AWS Marketplace, you must activate it in order to use Grafana Enterprise data source plugins and features in Grafana.

## Before you begin:

- Purchase a subscription to [Grafana Enterprise from AWS Marketplace](https://aws.amazon.com/marketplace/pp/prodview-dlncd4kzt5kx6).
- Be sure that the IAM user that was used to purchase Grafana Enterprise has permission to manage subscriptions, create new IAM users and roles, and create access policies.

To activate your license, complete the following tasks:

## Task 1: Deploy Grafana Enterprise on Amazon EKS

1. Deploy Grafana Enterprise on Amazon EKS.

For more information about deploying an application on Amazon EKS, refer to [Getting started with Amazon EKS AWS Management Console and AWS CLI](https://docs.aws.amazon.com/eks/latest/userguide/getting-started-console.html).

For more information about installing Grafana on Kubernetes using the Helm Chart, refer to the [Grafana Helm Chart](https://github.com/grafana/helm-charts/tree/main/charts/grafana#readme).

1. Use `kubectl set image deployment/my-release grafana=grafana/grafana-enterprise:<version>` to update the container image to Grafana Enterprise version 8.3.0 or later.

For example, enter `grafana/grafana-enterprise:8.3.3`.

> Only Grafana Enterprise versions 8.3.0 and later support licenses granted through AWS Marketplace.

## Task 2: Configure Grafana for high availability

Grafana requires that you configure a database to hold dashboards, users, and other persistent data.

### Before you begin

- Ensure that you have a supported Grafana database available.
- For a list of supported databases, refer to [Supported databases]({{< relref "../.../setup-grafana/installation/#supported-databases" >}}).
- For information about creating a database, refer to [Creating an Amazon RDS DB instance](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER\_CreateDBInstance.html).
- Review the information required to connect to the RDS DB instance. For more information, refer to [Connecting to an Amazon RDS DB instance](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/CHAP\_CommonTasks.Connect.html).

To configure Grafana for high availability, choose **one** of the following options:



For more information about AWS license permissions, refer to [Actions, resources, and condition keys for AWS License Manager](https://docs.aws.amazon.com/service-authorization/latest/reference/list\_awslicensemanager.html).

1. Choose **one** of the following options to update the [license\_validation\_type]({{< relref "../.../setup-grafana/configure-grafana/enterprise-configuration/#license\_validation\_type" >}}) configuration to `aws`:

- **Option 1:** Use `kubectl edit configmap grafana` to edit `grafana.ini` add the following section to the configuration:

```
...
[enterprise]
license_validation_type=aws
...
```

- **Option 2:** Use `kubectl edit deployment my-release` to edit the pod `env` variables and add the following variable:

```
...
name: GF_ENTERPRISE_LICENSE_VALIDATION_TYPE
value: aws
...
```

### ### Task 4: Start or restart Grafana

To activate Grafana Enterprise features, you must start (or restart) Grafana.

To restart Grafana on a Kubernetes cluster,

1. Run the command `kubectl rollout restart deployment my-release`.

1. After you update the service, navigate to your Grafana instance, sign in with Grafana Admin credentials, and navigate to **Administration > General > Stats and license** to validate that your license is active.

For more information about restarting Grafana, refer to [Restart Grafana]({{< relref "../.../setup-grafana/start-restart-grafana/" >}}).

> If you experience issues when you update the EKS cluster, refer to [Amazon EKS troubleshooting](https://docs.aws.amazon.com/eks/latest/userguide/troubleshooting.html).

```

aliases:
- ../admin/view-server-settings/
- ../admin/view-server-stats/
- view-server/
- view-server/view-server-settings/
- view-server/view-server-stats/
description: How to view server settings in the Grafana UI
```

keywords:

- grafana
- configuration
- server
- settings

labels:

products:

- cloud
- enterprise

title: View server statistics and license

weight: 400

---

## # View server statistics and license

This setting contains information about tools that Grafana Server Admins can use to learn more about their Grafana servers.

### ## View Grafana server settings

> Refer to [Role-based access control]({{< relref "../roles-and-permissions/access-control" >}}) in Grafana Enterprise to understand how you can control access with RBAC permissions.

If you are a Grafana server administrator, use the Settings tab to view the settings that are applied to your Grafana server via the [Configuration]({{< relref "../setup-grafana/configure-grafana#configuration-file-location" >}}) file and any environmental variables.

> **Note:** Only Grafana server administrators can access the **Server Admin** menu. For more information about administrative permissions, refer to [Roles and permissions]({{< relref "../roles-and-permissions#grafana-server-administrators" >}}).

### ### View server settings

1. Log in to your Grafana server with an account that has the Grafana Admin flag set.
1. Click **Administration** in the left-side menu, **General**, and then **Settings**.

### ### Available settings

For a full list of server settings, refer to [Configuration]({{< relref "../setup-grafana/configure-grafana#server" >}}).

### ## View Grafana server stats

> Refer to [Role-based access control]({{< relref "../roles-and-permissions/access-control" >}}) in Grafana Enterprise to understand how you can control access with RBAC permissions.

If you are a Grafana server admin, then you can view useful statistics about your Grafana server in the Stats & Licensing tab.

>

**Note:** Only Grafana server administrators can access the **Server Admin** menu. For more information about administrative permissions, refer to [\[Roles and permissions\]](#) ([{< relref "../roles-and-permissions#grafana-server-administrators" >}}](#)).

### View server stats

1. Log in to your Grafana server with an account that has the Grafana Admin flag set.
1. Click **Administration** in the left-side menu, **General**, and then **Stats and license**.

### Available stats

The following statistics are displayed in the Stats tab:

- Total users  
**Note:** Total users = Total admins + Total editors + Total viewers
- Total admins
- Total editors
- Total viewers
- Active users (seen last 30 days)  
**Note:** Active users = Active admins + Active editors + Active viewers
- Active admins (seen last 30 days)
- Active editors (seen last 30 days)
- Active viewers (seen last 30 days)
- Active sessions
- Total dashboards
- Total orgs
- Total playlists
- Total snapshots
- Total dashboard tags
- Total starred dashboards
- Total alerts

### Counting users

If a user belongs to several organizations, then that user is counted once as a user in the highest organization role they are assigned, regardless of how many organizations the user belongs to.

For example, if Sofia is a Viewer in two organizations, an Editor in two organizations, and Admin in three organizations, then she would be reflected in the stats as:

- Total users 1
- Total admins 1

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---

aliases:

- ../../enterprise/activate-aws-marketplace-license/manage-license-in-aws-marketplace/
- ../../enterprise/license/activate-aws-marketplace-license/manage-license-in-aws-marketplace/

description: Manage your Grafana Enterprise license in AWS Marketplace

keywords:

- grafana
- enterprise
- aws
- marketplace
- manage
- add
- remove
- users

labels:

products:

- enterprise
- oss

title: Manage your Grafana Enterprise license in AWS Marketplace

weight: 400

---

## Manage your Grafana Enterprise license in AWS Marketplace

You can use AWS Marketplace to make the following modifications to your Grafana Enterprise license:

- Add active users
- Remove active users
- Cancel your subscription to Grafana Enterprise.

**\*\*To modify your Grafana Enterprise subscription in AWS Marketplace:\*\***

1. Open the AWS Console and navigate to [Subscription Management](https://console.aws.amazon.com/marketplace/home/subscriptions#/subscriptions).

1. Update your license.

1.

Sign in to Grafana as a Server Administrator.

1. Click **\*\*Administration\*\*** in the side navigation menu, **\*\*General\*\***, and then **\*\*Stats and license\*\***.

1. In the **\*\*Token\*\*** section under **\*\*Enterprise License\*\***, click **\*\*Renew token\*\***.

This action retrieves updated license information from AWS.

> To learn more about licensing and active users, refer to [Activate a Grafana Enterprise license purchased through AWS Marketplace]({{ < relref "../" > }}).

---

aliases:

- ../../enterprise/activate-aws-marketplace-license/activate-license-on-instance-outside-aws/
- ../../enterprise/license/activate-aws-marketplace-license/activate-license-on-instance-outside-aws/

description: Activate a Grafana Enterprise license from AWS on an instance deployed outside of AWS

keywords:

- grafana
- enterprise
- aws
- marketplace
- activate

labels:

products:

- enterprise
- oss

title: Activate a Grafana Enterprise license from AWS on an instance deployed outside of AWS

weight: 300

---

# Activate a Grafana Enterprise license from AWS on an instance deployed outside of AWS

While AWS Marketplace lists ECS and EKS as the supported environments for Grafana Enterprise, you can apply a Grafana Enterprise license from AWS Marketplace to any Grafana instance with network access to the AWS licensing service.

## Before you begin

- Purchase a subscription to [Grafana Enterprise from AWS Marketplace](https://aws.amazon.com/marketplace/pp/prodview-dlncd4kzt5kx6).

-

Be sure that the IAM user that was used to purchase Grafana Enterprise has permission to manage subscriptions, create new IAM users, and create access policies.

- Be sure there is network access between AWS and the environment where you intend to run Grafana. Network access is required because your Grafana instance communicates with the [AWS License Manager endpoints and quotas](https://docs.aws.amazon.com/general/latest/gr/licensemanager.html) to retrieve license and subscription information. Grafana instances with access to the public internet will have access to AWS license manager.

To activate a Grafana Enterprise license from AWS on a Grafana Enterprise instance deployed outside of AWS, complete the following tasks.

### ## Task 1: Install Grafana Enterprise

To install Grafana, refer to the documentation specific to your implementation.

- [Install Grafana]({{< relref "../..../setup-grafana/installation/" >}}).

- [Run Grafana Docker image]({{< relref "../..../setup-grafana/installation/docker/" >}}).

- [Deploy Grafana on Kubernetes]({{< relref "../..../setup-grafana/installation/kubernetes/#deploy-grafana-enterprise-on-kubernetes" >}}).

### ## Task 2: Create an AWS IAM user with access to your Grafana Enterprise license

To retrieve your license, Grafana Enterprise requires access to your AWS account and license information. To grant access, create an IAM user in AWS with access to the license, and pass its credentials as environment variables on the host or container where Grafana is running. These environment variables allow Grafana to retrieve license details from AWS.

1. In the AWS License Manager service, create an IAM policy with the following permissions:

- `"license-manager:CheckoutLicense"`
- `"license-manager:ListReceivedLicenses"`
- `"license-manager:GetLicenseUsage"`
- `"license-manager:CheckInLicense"`

For more information about creating a policy in AWS, refer to [Creating IAM policies](https://docs.aws.amazon.com/IAM/latest/UserGuide/access\_policies\_create.html).

For more information about AWS Identity and Access Management, refer to [IAM users](https://docs.aws.amazon.com/IAM/latest/UserGuide/id\_users.html).

1. To limit the policy to obtain usage data just for Grafana Enterprise, in the **Resources** section of the policy, specify your license ARN.

You can find your license ID in the **Granted Licenses** section of [AWS License Manager](https://console.aws.amazon.com/license-manager/home).

The policy JSON should look similar to the following example:

```
...
{
 "Version": "2012-10-17",
 "Statement": [
 {
 "Sid": "VisualEditor0",
 "Effect": "Allow",
 "Action": "license-manager:GetLicenseUsage",
 "Resource": "arn:aws:license-manager::[YOUR_ACCOUNT]:license:[YOUR_LICENSE_ID]"
 },
 {
 "Sid": "VisualEditor1",
 "Effect": "Allow",
 "Action": [
 "license-manager:CheckoutLicense",
 "license-manager:ListReceivedLicenses",
 "license-manager:CheckInLicense"
],
 "Resource": "*"
 }
]
}
...
```

1. Create an IAM user and choose access key credentials as its authentication method.

For more information about creating an IAM user, refer to [IAM users]([https://docs.aws.amazon.com/IAM/latest/UserGuide/id\\_users.html](https://docs.aws.amazon.com/IAM/latest/UserGuide/id_users.html)).

For more information about access key credentials, refer to [Managing access keys for IAM users]([https://docs.aws.amazon.com/IAM/latest/UserGuide/id\\_credentials\\_access-keys.html](https://docs.aws.amazon.com/IAM/latest/UserGuide/id_credentials_access-keys.html)).

1. Attach the policy you created to the IAM user.

1. Add the following values as environment variables to the host or container running Grafana:

- AWS region
- IAM user's access key ID
- IAM user's secret access key

The environment variables should look similar to the following example:

```
...
AWS_ACCESS_KEY_ID=ABCD5E75FGHIJKTM7
```

```
AWS_SECRET_ACCESS_KEY=k8fhYAQVy+5NhCejhe6HeSjSphjRuy+12C06
AWS_REGION=us-east-1
...
```

### ## Task 3: Configure Grafana Enterprise to validate its license with AWS

In this task you configure Grafana Enterprise to validate the license with AWS instead of Grafana Labs.

Choose one of the following options to update the [license\_validation\_type]({{ < relref "../..../setup-grafana/configure-grafana/enterprise-configuration/#license\_validation\_type" > }}) configuration to `aws`:

- **Option 1:** In the `[enterprise]` section of the grafana.ini configuration file, add `license\_validation\_type=aws`.

For example:

```
...
[enterprise]
license_validation_type=aws
...
```

- **Option 2:** Add the following environment variable to the container or host:

```
...
GF_ENTERPRISE_LICENSE_VALIDATION_TYPE=aws
...
```

### ## Task 4: Start or restart Grafana

To activate Grafana Enterprise features, start (or restart) Grafana.

For information about restarting Grafana, refer to [Restart Grafana]({{ < relref "../..../setup-grafana/start-restart-grafana/" > }}).

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aliases:

- ../..../enterprise/activate-aws-marketplace-license/activate-license-on-ecs/
- ../..../enterprise/license/activate-aws-marketplace-license/activate-license-on-ecs/

description: Activate a Grafana Enterprise license from AWS Marketplace on ECS

keywords:

- grafana
- ecs
- enterprise
- aws

- marketplace

- activate

labels:

products:

- enterprise

- oss

title: Activate a Grafana Enterprise license from AWS Marketplace on ECS

weight: 250

---

# Activate a Grafana Enterprise license from AWS Marketplace on ECS

If you have purchased a Grafana Enterprise subscription through AWS Marketplace, you must activate it in order to use Grafana Enterprise data source plugins and features in Grafana.

## Before you begin

- Purchase a subscription to [Grafana Enterprise from AWS

Marketplace](<https://aws.amazon.com/marketplace/pp/prodview-dlned4kzt5kx6>).

- Be sure that the IAM user that was used to purchase Grafana Enterprise has permission to manage subscriptions, create new IAM users and roles, and create access policies.

To activate your license, complete the following tasks.

## Task 1: Deploy Grafana Enterprise on Amazon ECS

1. Deploy Grafana Enterprise on Amazon ECS.

For more information about deploying an application on Amazon ECS, refer to [Creating an Amazon ECS service](<https://docs.aws.amazon.com/AmazonECS/latest/developerguide/create-service.html>).

1. As you create the Amazon ECS service, use the Grafana Enterprise version 8.3.0 or later container image.

For example, enter `grafana/grafana-enterprise:8.3.3`.

> Only Grafana Enterprise versions 8.3.0 and later support licenses granted through AWS Marketplace.

## Task 2: Configure Grafana for high availability

Grafana requires that you configure a database to hold dashboards, users, and other persistent data.

### Before you begin

- Ensure that you have a supported Grafana database available.

- For a list of supported databases, refer to [Supported databases]({{ < relref  
"../../../../../setup-grafana/installation/#supported-databases" > }}).

- For information about creating a database, refer to [Creating an Amazon RDS DB instance]([https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER\\_CreateDBInstance.html](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER_CreateDBInstance.html)).

- Review the information required to connect to the RDS DB instance. For more information, refer to [Connecting to an Amazon RDS DB instance](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/CHAP\_CommonTasks.Connect.html).

To configure Grafana for high availability:

1. In AWS ECS, use environment variables to update the `database` parameters.

For a list of database parameters, refer to [Configuration]({{< relref "../.../setup-grafana/configure-grafana/#database" >}}).

1. Create a revision of the task definition for the ECS Task that runs Grafana Enterprise.

For more information about creating a task, refer to [Updating a task definition using the classic console](https://docs.aws.amazon.com/AmazonECS/latest/developerguide/update-task-definition.html).

1.

Within the new revision, edit the Grafana Enterprise container for this task, and add the following environment variables to the container:

```
...
GF_DATABASE_TYPE=[database type]
GF_DATABASE_HOST=[database address and port]
GF_DATABASE_NAME=[database name]
GF_DATABASE_USER=[database username]
GF_DATABASE_PASSWORD=[database password]
...
```

> For more information about how to update your ECS service with an environment variable, refer to [Updating a service using the new console](https://docs.aws.amazon.com/AmazonECS/latest/developerguide/update-service-console-v2.html).

## Task 3: Configure Grafana Enterprise to validate its license with AWS

In this task you configure Grafana Enterprise to validate the license with AWS instead of Grafana Labs.

1. In AWS IAM, create an access policy with the following permissions:

```
- "license-manager:CheckoutLicense"
- "license-manager:ListReceivedLicenses"
- "license-manager:GetLicenseUsage"
- "license-manager:CheckInLicense"
```

For more information about creating an access policy, refer to [Creating IAM policies (console)](https://docs.aws.amazon.com/IAM/latest/UserGuide/access\_policies\_create-console.html).

For more information about AWS license permissions, refer to [Actions, resources, and condition keys for AWS License Manager](https://docs.aws.amazon.com/service-

authorization/latest/reference/list\_awslicensemanager.html).

1. Create an Elastic Container Service task role and attach the policy you created in the previous step.

For more information about creating a task role, refer to [IAM Roles for Tasks](https://docs.aws.amazon.com/AmazonECS/latest/developerguide/task-iam-roles.html).

1. Create a revision of the task definition for the ECS Task that runs Grafana Enterprise.

For more information about creating a revision of the task definition, refer to [Updating a task definition using the classic console](https://docs.aws.amazon.com/AmazonECS/latest/developerguide/update-task-definition.html).

- 1.

Within the new revision, perform the following steps:

- a. Update the Task Role of your ECS Task to the role that you created, with permission to access license information.

- b. Edit the Grafana Enterprise container for this task, and add the following environment variable to the container:

```

```

```
GF_ENTERPRISE_LICENSE_VALIDATION_TYPE=aws
```

```

```

For more information about how to update your ECS service with an environment variable, refer to [Updating a service using the new console](https://docs.aws.amazon.com/AmazonECS/latest/developerguide/update-service-console-v2.html).

### ### Task 4: Start or restart Grafana

1. To restart Grafana and activate your license, update the service running Grafana to use the latest revision of the task definition that you created.

1. After you update the service, navigate to your Grafana instance, sign in with Grafana Admin credentials, and navigate to **Administration > General**

> **Stats and license** to validate that your license is active.

For more information about validating that your license is active, refer to [Grafana Enterprise license restrictions]({{< relref "../#grafana-enterprise-license-restrictions" >}}).

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---

aliases:

- ../../enterprise/activate-aws-marketplace-license/transfer-ge-license/
- ../../enterprise/license/activate-aws-marketplace-license/transfer-ge-license/

description: Transfer your AWS Marketplace Grafana Enterprise license

keywords:

- grafana
- enterprise
- aws
- marketplace
- transfer
- move

labels:

products:

- enterprise
- oss

title: Transfer your AWS Marketplace Grafana Enterprise license

weight: 400

---

# Transfer your AWS Marketplace Grafana Enterprise license

You can transfer your AWS Marketplace Grafana Enterprise license to another Grafana Enterprise instance. The transfer process requires that you first remove your license from one instance, and then apply the license to another instance.

> When you remove an Enterprise license, the system immediately disables all Grafana Enterprise features.

To remove an Enterprise license from a Grafana Enterprise instance, perform one of the following steps:

- If you are using Amazon ECS or Amazon EKS, remove the ``GF_ENTERPRISE_LICENSE_VALIDATION_TYPE`` environment variable from the container.
- If you have deployed Grafana Enterprise outside of AWS, remove the ``aws`` `license_validation_type` value from the `grafana.ini` configuration file.

It can take the system up to one hour to clear the license. After the system clears the license, you can apply the same license to another Grafana Enterprise instance.

To determine that the system has returned your license, check the license details in AWS License Manager.

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## 1.725

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aliases:

- ../../enterprise/activate-aws-marketplace-license/activate-license-on-eks/
- ../../enterprise/license/activate-aws-marketplace-license/activate-license-on-eks/

description: Activate a Grafana Enterprise license from AWS Marketplace on EKS

keywords:

- grafana
- enterprise
- aws
- marketplace
- eks
- activate

labels:

products:

- enterprise
- oss

title: Activate a Grafana Enterprise license from AWS Marketplace on EKS

weight: 200

---

# Activate a Grafana Enterprise license from AWS Marketplace on EKS

If you have purchased a Grafana Enterprise subscription through AWS Marketplace, you must activate it in order to use Grafana Enterprise data source plugins and features in Grafana.

## Before you begin:

- Purchase a subscription to [Grafana Enterprise from AWS Marketplace](<https://aws.amazon.com/marketplace/pp/prodview-dlncd4kzt5kx6>).
- Be sure that the IAM user that was used to purchase Grafana Enterprise has permission to manage subscriptions,

create new IAM users and roles, and create access policies.

To activate your license, complete the following tasks:

## ## Task 1: Deploy Grafana Enterprise on Amazon EKS

### 1. Deploy Grafana Enterprise on Amazon EKS.

For more information about deploying an application on Amazon EKS, refer to [Getting started with Amazon EKS AWS Management Console and AWS CLI](<https://docs.aws.amazon.com/eks/latest/userguide/getting-started-console.html>).

For more information about installing Grafana on Kubernetes using the Helm Chart, refer to the [Grafana Helm Chart](<https://github.com/grafana/helm-charts/tree/main/charts/grafana#readme>).

1. Use `kubectl set image deployment/my-release grafana=grafana/grafana-enterprise:<version>` to update the container image to Grafana Enterprise version 8.3.0 or later.

For example, enter `grafana/grafana-enterprise:8.3.3`.

> Only Grafana Enterprise versions 8.3.0 and later support licenses granted through AWS Marketplace.

## ## Task 2: Configure Grafana for high availability

Grafana requires that you configure a database to hold dashboards, users, and other persistent data.

### ### Before you begin

- Ensure that you have a supported Grafana database available.
- For a list of supported databases, refer to [Supported databases]({{< relref "../..../setup-grafana/installation/#supported-databases" >}}).
- For information about creating a database, refer to [Creating an Amazon RDS DB instance]([https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER\\_CreateDBInstance.html](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER_CreateDBInstance.html)).
- Review the information required to connect to the RDS DB instance. For more information, refer to [Connecting to an Amazon RDS DB instance]([https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/CHAP\\_CommonTasks.Connect.html](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/CHAP_CommonTasks.Connect.html)).

To configure Grafana for high availability, choose **one** of the following options:

- **Option 1:** Use `kubectl edit configmap grafana` to edit `grafana.ini` add the following section to the configuration:

...

[database]

type

= [database type]

host = [database address and port]

```
name = [database name]
user = [database username]
password = [database password]
...
```

- **Option 2:** use `kubectl edit deployment my-release`` to edit the pod `env`` variables and add the following database variables:

```
...
- name: GF_DATABASE_TYPE
 value: [database type]
- name: GF_DATABASE_HOST
 value: [database address and port]
- name: GF_DATABASE_NAME
 value: [database name]
- name: GF_DATABASE_USER
 value: [database username]
- name: GF_DATABASE_PASSWORD
 value: [database password]
...
```

For more information on Grafana High Availability setup, refer to [\[Set up Grafana for high availability\]](#) (`{< relref "../.../setup-grafana/set-up-for-high-availability/" >}}`).

### ## Task 3: Configure Grafana Enterprise to validate its license with AWS

In this task, you configure Grafana Enterprise to validate the license with AWS instead of Grafana Labs.

1. In AWS IAM, assign the following permissions to the Node IAM role (if you are using a Node Group), or the Pod Execution role (if you are using a Fargate profile):

```
- "license-manager:CheckoutLicense"
- "license-manager:ListReceivedLicenses"
- "license-manager:GetLicenseUsage"
- "license-manager:CheckInLicense"
```

For more information about creating an access policy, refer to [\[Creating IAM policies \(console\)\]](#) ([https://docs.aws.amazon.com/IAM/latest/UserGuide/access\\_policies\\_create-console.html](https://docs.aws.amazon.com/IAM/latest/UserGuide/access_policies_create-console.html)).

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1. Choose **one** of the following options to update the `[license_validation_type]` (`{< relref "../.../setup-grafana/configure-grafana/enterprise-configuration/#license_validation_type" >}}`) configuration to `aws``:

```
- Option 1: Use kubectl edit configmap grafana` to edit grafana.ini`
```

add the following section to the configuration:

```
...
[enterprise]
license_validation_type=aws
...
```

- **Option 2:** Use `kubectl edit deployment my-release` to edit the pod `env` variables and add the following variable:

```
...
name: GF_ENTERPRISE_LICENSE_VALIDATION_TYPE
value: aws
...
```

### ### Task 4: Start or restart Grafana

To activate Grafana Enterprise features, you must start (or restart) Grafana.

To restart Grafana on a Kubernetes cluster,

1. Run the command `kubectl rollout restart deployment my-release`.

1. After you update the service, navigate to your Grafana instance, sign in with Grafana Admin credentials, and navigate to **Administration > General > Stats and license** to validate that your license is active.

For more information about restarting Grafana, refer to [Restart Grafana]({{ < relref "../..../setup-grafana/start-restart-grafana/" > }}).

> If you experience issues when you update the EKS cluster, refer to [Amazon EKS troubleshooting](https://docs.aws.amazon.com/eks/latest/userguide/troubleshooting.html).

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---

aliases:

- ../admin/view-server-settings/
- ../admin/view-server-stats/
- view-server/
- view-server/view-server-settings/
- view-server/view-server-stats/

description: How to view server settings in the Grafana UI

keywords:

- grafana
- configuration
- server
- settings

labels:

products:

- cloud
- enterprise

title: View server statistics and license

weight: 400

---

## # View server statistics and license

This setting contains information about tools that Grafana Server Admins can use to learn more about their Grafana servers.

### ## View Grafana server settings

> Refer to [Role-based access control]({{< relref "../roles-and-permissions/access-control" >}}) in Grafana Enterprise to understand how you can control access with RBAC permissions.

If you are a Grafana server administrator, use the Settings tab to view the settings that are applied to your Grafana server via the [Configuration]({{< relref "../setup-grafana/configure-grafana#configuration-file-location" >}}) file and any environmental variables.

> **Note:** Only Grafana server administrators can access the **Server Admin** menu. For more information about administrative permissions, refer to [Roles and permissions]({{< relref "../roles-and-permissions#grafana-server-administrators" >}}).

### ### View server settings

1. Log in to your Grafana server with an account that has the Grafana Admin flag set.
1. Click **Administration** in the left-side menu, **General**, and then **Settings**.

### ### Available settings

For a full list of server settings, refer to [Configuration]({{< relref "../setup-grafana/configure-grafana#server" >}}).

## ## View Grafana server stats

> Refer to [Role-based access control]({{< relref "../roles-and-permissions/access-control" >}}) in Grafana Enterprise to understand how you can control access with RBAC permissions.

If you are a Grafana server admin, then you can view useful statistics about your Grafana server in the Stats & Licensing tab.

>

**Note:** Only Grafana server administrators can access the **Server Admin** menu. For more information about administrative permissions, refer to [Roles and permissions]({{< relref "../roles-and-permissions#grafana-server-administrators" >}}).

### ### View server stats

1. Log in to your Grafana server with an account that has the Grafana Admin flag set.
1. Click **Administration** in the left-side menu, **General**, and then **Stats and license**.

### ### Available stats

The following statistics are displayed in the Stats tab:

- Total users  
**Note:** Total users = Total admins + Total editors + Total viewers
- Total admins
- Total editors
- Total viewers
- Active users (seen last 30 days)  
**Note:** Active users = Active admins + Active editors + Active viewers
- Active admins (seen last 30 days)
- Active editors (seen last 30 days)
- Active viewers (seen last 30 days)
- Active sessions
- Total dashboards
- Total orgs
- Total playlists
- Total snapshots
- Total dashboard tags
- Total starred dashboards
- Total alerts

### ### Counting users

If a user belongs to several organizations, then that user is counted once as a user in the highest organization role they are assigned, regardless of how many organizations the user belongs to.

For example, if Sofia is a Viewer in two organizations, an Editor in two organizations, and Admin in three organizations, then she would be reflected in the stats as:

- Total users 1
- Total admins 1

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---

aliases:

- ../../enterprise/activate-aws-marketplace-license/manage-license-in-aws-marketplace/
- ../../enterprise/license/activate-aws-marketplace-license/manage-license-in-aws-marketplace/

description: Manage your Grafana Enterprise license in AWS Marketplace

keywords:

- grafana
- enterprise
- aws
- marketplace
- manage
- add
- remove
- users

labels:

products:

- enterprise
- oss

title: Manage your Grafana Enterprise license in AWS Marketplace

weight: 400

---

## Manage your Grafana Enterprise license in AWS Marketplace

You can use AWS Marketplace to make the following modifications to your Grafana Enterprise license:

- Add active users
- Remove active users
- Cancel your subscription to Grafana Enterprise.

**\*\*To modify your Grafana Enterprise subscription in AWS Marketplace:\*\***

1. Open the AWS Console and navigate to [Subscription Management](https://console.aws.amazon.com/marketplace/home/subscriptions#/subscriptions).

1. Update your license.

1.

Sign in to Grafana as a Server Administrator.

1. Click **\*\*Administration\*\*** in the side navigation menu, **\*\*General\*\***, and then **\*\*Stats and license\*\***.

1. In the **\*\*Token\*\*** section under **\*\*Enterprise License\*\***, click **\*\*Renew token\*\***.

This action retrieves updated license information from AWS.

> To learn more about licensing and active users, refer to [Activate a Grafana Enterprise license purchased through AWS Marketplace]({{ < relref "../" > }}).

---

aliases:

- ../../enterprise/activate-aws-marketplace-license/activate-license-on-instance-outside-aws/
- ../../enterprise/license/activate-aws-marketplace-license/activate-license-on-instance-outside-aws/

description: Activate a Grafana Enterprise license from AWS on an instance deployed outside of AWS

keywords:

- grafana
- enterprise
- aws
- marketplace
- activate

labels:

products:

- enterprise
- oss

title: Activate a Grafana Enterprise license from AWS on an instance deployed outside of AWS

weight: 300

---

# Activate a Grafana Enterprise license from AWS on an instance deployed outside of AWS

While AWS Marketplace lists ECS and EKS as the supported environments for Grafana Enterprise, you can apply a Grafana Enterprise license from AWS Marketplace to any Grafana instance with network access to the AWS

licensing service.

## ## Before you begin

- Purchase a subscription to [Grafana Enterprise from AWS Marketplace](https://aws.amazon.com/marketplace/pp/prodview-dlncd4kzt5kx6).

-

Be sure that the IAM user that was used to purchase Grafana Enterprise has permission to manage subscriptions, create new IAM users, and create access policies.

- Be sure there is network access between AWS and the environment where you intend to run Grafana. Network access is required because your Grafana instance communicates with the [AWS License Manager endpoints and quotas](https://docs.aws.amazon.com/general/latest/gr/licensemanager.html) to retrieve license and subscription information. Grafana instances with access to the public internet will have access to AWS license manager.

To activate a Grafana Enterprise license from AWS on a Grafana Enterprise instance deployed outside of AWS, complete the following tasks.

## ## Task 1: Install Grafana Enterprise

To install Grafana, refer to the documentation specific to your implementation.

- [Install Grafana]({{ < relref "../..../setup-grafana/installation/" > }}).
- [Run Grafana Docker image]({{ < relref "../..../setup-grafana/installation/docker/" > }}).
- [Deploy Grafana on Kubernetes]({{ < relref "../..../setup-grafana/installation/kubernetes/#deploy-grafana-enterprise-on-kubernetes" > }}).

## ## Task 2: Create an AWS IAM user with access to your Grafana Enterprise license

To retrieve your license, Grafana Enterprise requires access to your AWS account and license information. To grant access, create an IAM user in AWS with access to the license, and pass its credentials as environment variables on the host or container where Grafana is running. These environment variables allow Grafana to retrieve license details from AWS.

1. In the AWS License Manager service, create an IAM policy with the following permissions:

- `"license-manager:CheckoutLicense"`
- `"license-manager:ListReceivedLicenses"`
- `"license-manager:GetLicenseUsage"`
- `"license-manager:CheckInLicense"`

For more information about creating a policy in AWS, refer to [Creating IAM policies](https://docs.aws.amazon.com/IAM/latest/UserGuide/access\_policies\_create.html).

For more information about AWS Identity and Access Management, refer to [IAM users](https://docs.aws.amazon.com/IAM/latest/UserGuide/id\_users.html).

1. To limit the policy to obtain usage data just for Grafana Enterprise, in the **Resources** section of the policy,

specify your license ARN.

You can find your license ID in the **Granted Licenses** section of [AWS License Manager](https://console.aws.amazon.com/license-manager/home).

The policy JSON should look similar to the following example:

```
...
{
 "Version": "2012-10-17",
 "Statement": [
 {
 "Sid": "VisualEditor0",
 "Effect": "Allow",
 "Action": "license-manager:GetLicenseUsage",
 "Resource": "arn:aws:license-manager::[YOUR_ACCOUNT]:license:[YOUR_LICENSE_ID]"
 },
 {
 "Sid": "VisualEditor1",
 "Effect": "Allow",
 "Action": [
 "license-manager:CheckoutLicense",
 "license-manager:ListReceivedLicenses",
 "license-manager:CheckInLicense"
],
 "Resource": "*"
 }
]
}
...
```

1. Create an IAM user and choose access key credentials as its authentication method.

For more information about creating an IAM user, refer to [IAM users](https://docs.aws.amazon.com/IAM/latest/UserGuide/id\_users.html).

For more information about access key credentials, refer to [Managing access keys for IAM users](https://docs.aws.amazon.com/IAM/latest/UserGuide/id\_credentials\_access-keys.html).

1. Attach the policy you created to the IAM user.

1. Add the following values as environment variables to the host or container running Grafana:

- AWS region
- IAM user's access key ID
- IAM user's secret access key

The environment variables should look similar to the following example:

```
...
AWS_ACCESS_KEY_ID=ABCD5E75FGHIJKTM7
AWS_SECRET_ACCESS_KEY=k8fhYAQVy+5NhCejhe6HeSjSphjRuy+12C06
AWS_REGION=us-east-1
...
```

### ## Task 3: Configure Grafana Enterprise to validate its license with AWS

In this task you configure Grafana Enterprise to validate the license with AWS instead of Grafana Labs.

Choose one of the following options to update the [license\_validation\_type]({{< relref "../..../setup-grafana/configure-grafana/enterprise-configuration/#license\_validation\_type" >}}) configuration to `aws`:

- **Option 1:** In the `enterprise` section of the grafana.ini configuration file, add `license\_validation\_type=aws`.

For example:

```
...
[enterprise]
license_validation_type=aws
...
```

- **Option 2:** Add the following environment variable to the container or host:

```
...
GF_ENTERPRISE_LICENSE_VALIDATION_TYPE=aws
...
```

### ## Task 4: Start or restart Grafana

To activate Grafana Enterprise features, start (or restart) Grafana.

For information about restarting Grafana, refer to [Restart Grafana]({{< relref "../..../setup-grafana/start-restart-grafana/" >}}).

The icons contained in this unicons icons folder were originally created by [IconScout](https://github.com/Iconscout/unicons)

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A

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aliases:

- ../../enterprise/activate-aws-marketplace-license/activate-license-on-ecs/
- ../../enterprise/license/activate-aws-marketplace-license/activate-license-on-ecs/

description: Activate a Grafana Enterprise license from AWS Marketplace on ECS

keywords:

- grafana
- ecs
- enterprise
- aws
- marketplace
- activate

labels:

products:

- enterprise
- oss

title: Activate a Grafana Enterprise license from AWS Marketplace on ECS

weight: 250

---

# Activate a Grafana Enterprise license from AWS Marketplace on ECS

If you have purchased a Grafana Enterprise subscription through AWS Marketplace, you must activate it in order to use Grafana Enterprise data source plugins and features in Grafana.

## Before you begin

- Purchase a subscription to [Grafana Enterprise from AWS Marketplace](<https://aws.amazon.com/marketplace/pp/prodview-dlncd4kzt5kx6>).
- Be sure that the IAM user that was used to purchase Grafana Enterprise has permission to manage subscriptions, create new IAM users and roles, and create access policies.

To activate your license, complete the following tasks.

## ## Task 1: Deploy Grafana Enterprise on Amazon ECS

### 1. Deploy Grafana Enterprise on Amazon ECS.

For more information about deploying an application on Amazon ECS, refer to [Creating an Amazon ECS service](<https://docs.aws.amazon.com/AmazonECS/latest/developerguide/create-service.html>).

#### 1. As you create the Amazon ECS service, use the Grafana Enterprise version 8.3.0 or later container image.

For example, enter ``grafana/grafana-enterprise:8.3.3``.

> Only Grafana Enterprise versions 8.3.0 and later support licenses granted through AWS Marketplace.

## ## Task 2: Configure Grafana for high availability

Grafana requires that you configure a database to hold dashboards, users, and other persistent data.

### ### Before you begin

- Ensure that you have a supported Grafana database available.
- For a list of supported databases, refer to [Supported databases]({{ < relref "../.../setup-grafana/installation/#supported-databases" > }}).
- For information about creating a database, refer to [Creating an Amazon RDS DB instance]([https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER\\_CreateDBInstance.html](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER_CreateDBInstance.html)).
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To configure Grafana for high availability:

#### 1. In AWS ECS, use environment variables to update the ``database`` parameters.

For a list of database parameters, refer to [Configuration]({{ < relref "../.../setup-grafana/configure-grafana/#database" > }}).

#### 1. Create a revision of the task definition for the ECS Task that runs Grafana Enterprise.

For more information about creating a task, refer to [Updating a task definition using the classic console](<https://docs.aws.amazon.com/AmazonECS/latest/developerguide/update-task-definition.html>).

#### 1.

Within the new revision, edit the Grafana Enterprise container for this task, and add the following environment variables to the container:

...

`GF_DATABASE_TYPE=[database type]`

```
GF_DATABASE_HOST=[database address and port]
GF_DATABASE_NAME=[database name]
GF_DATABASE_USER=[database username]
GF_DATABASE_PASSWORD=[database password]
...

```

> For more information about how to update your ECS service with an environment variable, refer to [Updating a service using the new console](<https://docs.aws.amazon.com/AmazonECS/latest/developerguide/update-service-console-v2.html>).

### ## Task 3: Configure Grafana Enterprise to validate its license with AWS

In this task you configure Grafana Enterprise to validate the license with AWS instead of Grafana Labs.

1. In AWS IAM, create an access policy with the following permissions:

```
- "license-manager:CheckoutLicense"
- "license-manager:ListReceivedLicenses"
- "license-manager:GetLicenseUsage"
- "license-manager:CheckInLicense"

```

For more information about creating an access policy, refer to [Creating IAM policies (console)]([https://docs.aws.amazon.com/IAM/latest/UserGuide/access\\_policies\\_create-console.html](https://docs.aws.amazon.com/IAM/latest/UserGuide/access_policies_create-console.html)).

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1. Create an Elastic Container Service task role and attach the policy you created in the previous step.

For more information about creating a task role, refer to [IAM Roles for Tasks](<https://docs.aws.amazon.com/AmazonECS/latest/developerguide/task-iam-roles.html>).

1. Create a revision of the task definition for the ECS Task that runs Grafana Enterprise.

For more information about creating a revision of the task definition, refer to [Updating a task definition using the classic console](<https://docs.aws.amazon.com/AmazonECS/latest/developerguide/update-task-definition.html>).

1.

Within the new revision, perform the following steps:

a. Update the Task Role of your ECS Task to the role that you created, with permission to access license information.

b. Edit the Grafana Enterprise container for this task, and add the following environment variable to the container:

```
...
GF_ENTERPRISE_LICENSE_VALIDATION_TYPE=aws

```

...

For more information about how to update your ECS service with an environment variable, refer to [Updating a service using the new console](https://docs.aws.amazon.com/AmazonECS/latest/developerguide/update-service-console-v2.html).

#### ### Task 4: Start or restart Grafana

1. To restart Grafana and activate your license, update the service running Grafana to use the latest revision of the task definition that you created.

1. After you update the service, navigate to your Grafana instance, sign in with Grafana Admin credentials, and navigate to **Administration > General > Stats and license** to validate that your license is active.

For more information about validating that your license is active, refer to [Grafana Enterprise license restrictions]({{ < relref "../#grafana-enterprise-license-restrictions" > }}).

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#
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first address should be used in the submit logs and
that the other addresses should be recognized as the
same person when interacting with Git.

Please keep the list sorted.
```

```
Chris Lewis <cflewis@google.com> <cflewis@golang.org> <c@chris.to>
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Tuo Shan <shantuo@google.com> <sturbo89@gmail.com>
Yoichiro Shimizu <budougumi0617@gmail.com>
Zachary Romero <zacromero3@gmail.com>
```

```

```

```
aliases:
```

```
- ../..../enterprise/activate-aws-marketplace-license/transfer-ge-license/
- ../..../enterprise/license/activate-aws-marketplace-license/transfer-ge-license/
```

```
description: Transfer your AWS Marketplace Grafana Enterprise license
```

```
keywords:
```

```
- grafana
- enterprise
- aws
- marketplace
- transfer
- move
```

```
labels:
```

```
products:
```

```
- enterprise
- oss
```

```
title: Transfer your AWS Marketplace Grafana Enterprise license
```

```
weight: 400
```

---

## # Transfer your AWS Marketplace Grafana Enterprise license

You can transfer your AWS Marketplace Grafana Enterprise license to another Grafana Enterprise instance. The transfer process requires that you first remove your license from one instance, and then apply the license to another instance.

> When you remove an Enterprise license, the system immediately disables all Grafana Enterprise features.

To remove an Enterprise license from a Grafana Enterprise instance, perform one of the following steps:

- If you are using Amazon ECS or Amazon EKS, remove the ``GF_ENTERPRISE_LICENSE_VALIDATION_TYPE`` environment variable from the container.
- If you have deployed Grafana Enterprise outside of AWS, remove the ``aws`` `license_validation_type` value from the `grafana.ini` configuration file.

It can take the system up to one hour to clear the license. After the system clears the license, you can apply the same license to another Grafana Enterprise instance.

To determine that the system has returned your license, check the license details in AWS License Manager.  
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# 1.727 [github.com/grafana/sqllds/v3](https://github.com/grafana/sqllds/v3) v3.2.0

## 1.727.1 Available under license :

---

aliases:

- ../../enterprise/activate-aws-marketplace-license/about-ge-license-through-aws/
- ../../enterprise/license/activate-aws-marketplace-license/
- ../../enterprise/license/activate-aws-marketplace-license/about-ge-license-through-aws/

description: Activate your Grafana Enterprise license purchased in AWS Marketplace to take advantage of Grafana Enterprise observability features

keywords:

- grafana
- aws
- marketplace
- enterprise
- license

labels:

products:

- enterprise
- oss

title: Activate a Grafana Enterprise license purchased through AWS Marketplace

weight: 400

---

# Activate a Grafana Enterprise license purchased through AWS Marketplace

AWS Marketplace is a convenient place for AWS customers to buy and manage a license for Grafana Enterprise versions 8.3.0 and later.

{{< section >}}

You can deploy Grafana Enterprise in the following ways:

- Using AWS services like ECS, EKS or EC2.
- In an instance outside AWS.

In each case, you must activate

the Grafana Enterprise license purchased in AWS Marketplace to take advantage of Grafana Enterprise observability features. Grafana Enterprise licenses purchased through AWS Marketplace are subject to the same [restrictions]({{< relref "../license-restrictions" >}}) as Grafana Enterprise licensed purchased directly from Grafana Labs.

> To purchase a license directly from Grafana Labs or learn more about other Grafana offerings, [Contact a Grafana Labs representative](/contact?about=grafana-enterprise).

## Before you begin

Become an AWS customer. Only AWS customers have access to purchase services through AWS Marketplace. To learn more about becoming an AWS customer, refer to [Sign up for AWS](https://portal.aws.amazon.com/billing/signup#/start).

---

aliases:

- ../../enterprise/activate-aws-marketplace-license/activate-license-on-eks/

- ../../enterprise/license/activate-aws-marketplace-license/activate-license-on-eks/

description: Activate a Grafana Enterprise license from AWS Marketplace on EKS

keywords:

- grafana

- enterprise

- aws

- marketplace

- eks

- activate

labels:

products:

- enterprise

- oss

title: Activate a Grafana Enterprise license from AWS Marketplace on EKS

weight: 200

---

# Activate a Grafana Enterprise license from AWS Marketplace on EKS

If you have purchased a Grafana Enterprise subscription through AWS Marketplace, you must activate it in order to use Grafana Enterprise data source plugins and features in Grafana.

## Before you begin:

- Purchase a subscription to [Grafana Enterprise from AWS

Marketplace](https://aws.amazon.com/marketplace/pp/prodview-dlned4kzt5kx6).

- Be sure that the IAM user that was used to purchase Grafana Enterprise has permission to manage subscriptions, create new IAM users and roles, and create access policies.

To activate your license, complete the following tasks:

## Task 1: Deploy Grafana Enterprise on Amazon EKS

1. Deploy Grafana Enterprise on Amazon EKS.

For more information about deploying an application on Amazon EKS, refer to [Getting started with Amazon EKS AWS Management Console and AWS CLI](https://docs.aws.amazon.com/eks/latest/userguide/getting-started-

console.html).

For more information about installing Grafana on Kubernetes using the Helm Chart, refer to the [Grafana Helm Chart](<https://github.com/grafana/helm-charts/tree/main/charts/grafana#readme>).

1. Use `kubectl set image deployment/my-release grafana=grafana/grafana-enterprise:<version>` to update the container image to Grafana Enterprise version 8.3.0 or later.

For example, enter `grafana/grafana-enterprise:8.3.3`.

> Only Grafana Enterprise versions 8.3.0 and later support licenses granted through AWS Marketplace.

## ## Task 2: Configure Grafana for high availability

Grafana requires that you configure a database to hold dashboards, users, and other persistent data.

### ### Before you begin

- Ensure that you have a supported Grafana database available.
- For a list of supported databases, refer to [Supported databases]({{< relref "../.../setup-grafana/installation/#supported-databases" >}}).
- For information about creating a database, refer to [Creating an Amazon RDS DB instance]([https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER\\_CreateDBInstance.html](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER_CreateDBInstance.html)).
- Review the information required to connect to the RDS DB instance. For more information, refer to [Connecting to an Amazon RDS DB instance]([https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/CHAP\\_CommonTasks.Connect.html](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/CHAP_CommonTasks.Connect.html)).

To configure Grafana for high availability, choose **one** of the following options:

- **Option 1:** Use `kubectl edit configmap grafana` to edit `grafana.ini` add the following section to the configuration:

```
...
[database]
type
= [database type]
host = [database address and port]
name = [database name]
user = [database username]
password = [database password]
...
```

- **Option 2:** use `kubectl edit deployment my-release` to edit the pod `env` variables and add the following database variables:

```
...
- name: GF_DATABASE_TYPE
```

```
value: [database type]
- name: GF_DATABASE_HOST
value: [database address and port]
- name: GF_DATABASE_NAME
value: [database name]
- name: GF_DATABASE_USER
value: [database username]
- name: GF_DATABASE_PASSWORD
value: [database password]
...
```

For more information on Grafana High Availability setup, refer to [Set up Grafana for high availability]({{ < relref "../..../setup-grafana/set-up-for-high-availability/" > }}).

### ## Task 3: Configure Grafana Enterprise to validate its license with AWS

In this task, you configure Grafana Enterprise to validate the license with AWS instead of Grafana Labs.

1. In AWS IAM, assign the following permissions

to the Node IAM role (if you are using a Node Group), or the Pod Execution role (if you are using a Fargate profile):

```
- `license-manager:CheckoutLicense`
- `license-manager:ListReceivedLicenses`
- `license-manager:GetLicenseUsage`
- `license-manager:CheckInLicense`
```

For more information about creating an access policy, refer to [Creating IAM policies (console)]([https://docs.aws.amazon.com/IAM/latest/UserGuide/access\\_policies\\_create-console.html](https://docs.aws.amazon.com/IAM/latest/UserGuide/access_policies_create-console.html)).

For more information about AWS license permissions, refer to [Actions, resources, and condition keys for AWS License Manager]([https://docs.aws.amazon.com/service-authorization/latest/reference/list\\_awslicensemanager.html](https://docs.aws.amazon.com/service-authorization/latest/reference/list_awslicensemanager.html)).

1. Choose **one** of the following options to update the [license\_validation\_type]({{ < relref "../..../setup-grafana/configure-grafana/enterprise-configuration/#license\_validation\_type" > }}) configuration to `aws`:

- **Option 1:** Use `kubectl edit configmap grafana` to edit `grafana.ini` add the following section to the configuration:

```
...
[enterprise]
license_validation_type=aws
...
```

- **Option 2:** Use `kubectl edit deployment my-release` to edit the pod `env` variables and add the following variable:

```
...
name: GF_ENTERPRISE_LICENSE_VALIDATION_TYPE
value: aws
...
```

### ### Task 4: Start or restart Grafana

To activate Grafana Enterprise features, you must start (or restart) Grafana.

To restart Grafana on a Kubernetes cluster,

1. Run the command `kubectl rollout restart deployment my-release`.`

1. After you update the service, navigate to your Grafana instance, sign in with Grafana Admin credentials, and navigate to `**Administration > General > Stats and license**` to validate that your license is active.

For more information about restarting Grafana, refer to [Restart Grafana]({{< relref "../..../setup-grafana/start-restart-grafana/" >}}).

> If you experience issues when you update the EKS cluster, refer to [Amazon EKS troubleshooting](https://docs.aws.amazon.com/eks/latest/userguide/troubleshooting.html).

```

aliases:
- ../admin/view-server-settings/
- ../admin/view-server-stats/
- view-server/
- view-server/view-server-settings/
- view-server/view-server-stats/
description: How to view server settings in the Grafana UI
keywords:
- grafana
- configuration
- server
- settings
labels:
products:
- cloud
- enterprise
title: View server statistics and license
weight: 400

```

### # View server statistics and license

This setting contains information about tools that Grafana Server Admins can use to learn more about their Grafana servers.

### ## View Grafana server settings

> Refer to [Role-based access control]({{< relref "../roles-and-permissions/access-control" >}}) in Grafana Enterprise to understand how you can control access with RBAC permissions.

If you are a Grafana server administrator, use the Settings tab to view the settings that are applied to your Grafana server via the [Configuration]({{< relref "../setup-grafana/configure-grafana#configuration-file-location" >}}) file and any environmental variables.

> **Note:** Only Grafana server administrators can access the **Server Admin** menu. For more information about administrative permissions, refer to [Roles and permissions]({{< relref "../roles-and-permissions#grafana-server-administrators" >}}).

### ### View server settings

1. Log in to your Grafana server with an account that has the Grafana Admin flag set.
1. Click **Administration** in the left-side menu, **General**, and then **Settings**.

### ### Available settings

For a full list of server settings, refer to [Configuration]({{< relref "../setup-grafana/configure-grafana#server" >}}).

### ## View Grafana server stats

> Refer to [Role-based access control]({{< relref "../roles-and-permissions/access-control" >}}) in Grafana Enterprise to understand how you can control access with RBAC permissions.

If you are a Grafana server admin, then you can view useful statistics about your Grafana server in the Stats & Licensing tab.

>

**Note:** Only Grafana server administrators can access the **Server Admin** menu. For more information about administrative permissions, refer to [Roles and permissions]({{< relref "../roles-and-permissions#grafana-server-administrators" >}}).

### ### View server stats

1. Log in to your Grafana server with an account that has the Grafana Admin flag set.
1. Click **Administration** in the left-side menu, **General**, and then **Stats and license**.

### ### Available stats

The following statistics are displayed in the Stats tab:

- Total users

**Note:** Total users = Total admins + Total editors + Total viewers

- Total admins

- Total editors

- Total viewers
- Active users (seen last 30 days)
- \*\*Note:\*\* Active users = Active admins + Active editors + Active viewers
- Active admins (seen last 30 days)
- Active editors (seen last 30 days)
- Active viewers (seen last 30 days)
- Active sessions
- Total dashboards
- Total orgs
- Total playlists
- Total snapshots
- Total dashboard tags
- 
- Total starred dashboards
- Total alerts

### ### Counting users

If a user belongs to several organizations, then that user is counted once as a user in the highest organization role they are assigned, regardless of how many organizations the user belongs to.

For example, if Sofia is a Viewer in two organizations, an Editor in two organizations, and Admin in three organizations, then she would be reflected in the stats as:

- Total users 1
- Total admins 1

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---

aliases:

- ../../../../enterprise/activate-aws-marketplace-license/manage-license-in-aws-marketplace/

- ../../enterprise/license/activate-aws-marketplace-license/manage-license-in-aws-marketplace/

description: Manage your Grafana Enterprise license in AWS Marketplace

keywords:

- grafana
- enterprise
- aws
- marketplace
- manage
- add
- remove
- users

labels:

products:

- enterprise
- oss

title: Manage your Grafana Enterprise license in AWS Marketplace

weight: 400

---

## ## Manage your Grafana Enterprise license in AWS Marketplace

You can use AWS Marketplace to make the following modifications to your Grafana Enterprise license:

- Add active users
- Remove active users
- Cancel your subscription to Grafana Enterprise.

**\*\*To modify your Grafana Enterprise subscription in AWS Marketplace:\*\***

1. Open the AWS Console and navigate to [Subscription Management](https://console.aws.amazon.com/marketplace/home/subscriptions#/subscriptions).

1. Update your license.

1.

Sign in to Grafana as a Server Administrator.

1. Click **\*\*Administration\*\*** in the side navigation menu, **\*\*General\*\***, and then **\*\*Stats and license\*\***.

1. In the **\*\*Token\*\*** section under **\*\*Enterprise License\*\***, click **\*\*Renew token\*\***.

This action retrieves updated license information from AWS.

> To learn more about licensing and active users, refer to [Activate a Grafana Enterprise license purchased through AWS Marketplace]({{< relref "../" >}}).

---

aliases:

- ../../enterprise/activate-aws-marketplace-license/activate-license-on-instance-outside-aws/

```
- ../../enterprise/license/activate-aws-marketplace-license/activate-license-on-instance-outside-aws/
description: Activate a Grafana Enterprise license from AWS on an instance deployed
outside of AWS
keywords:
- grafana
- enterprise
- aws
- marketplace
- activate
labels:
products:
- enterprise
- oss
title: Activate a Grafana Enterprise license from AWS on an instance deployed outside
of AWS
weight: 300

```

```
Activate a Grafana Enterprise license from AWS on an instance deployed outside of AWS
```

While AWS Marketplace lists ECS and EKS as the supported environments for Grafana Enterprise, you can apply a Grafana Enterprise license from AWS Marketplace to any Grafana instance with network access to the AWS licensing service.

```
Before you begin
```

```
- Purchase a subscription to [Grafana Enterprise from AWS
Marketplace](https://aws.amazon.com/marketplace/pp/prodview-dlncd4kzt5kx6).
```

```
- Be sure that the IAM user that was used to purchase Grafana Enterprise has permission to manage subscriptions,
create new IAM users, and create access policies.
```

```
- Be sure there is network access between AWS and the environment where you intend to run Grafana. Network
access is required because your Grafana instance communicates with the [AWS License Manager endpoints and
quotas](https://docs.aws.amazon.com/general/latest/gr/licensemanager.html) to retrieve license and subscription
information. Grafana instances with access to the public internet will have access to AWS license manager.
```

To activate a Grafana Enterprise license from AWS on a Grafana Enterprise instance deployed outside of AWS, complete the following tasks.

```
Task 1: Install Grafana Enterprise
```

To install Grafana, refer to the documentation specific to your implementation.

```
- [Install Grafana]({{ < relref "../../setup-grafana/installation/" > }}).
- [Run Grafana Docker image]({{ < relref
"../../setup-grafana/installation/docker/" > }}).
- [Deploy Grafana on Kubernetes]({{ < relref "../../setup-grafana/installation/kubernetes/#deploy-grafana-
enterprise-on-kubernetes" > }}).
```

## ## Task 2: Create an AWS IAM user with access to your Grafana Enterprise license

To retrieve your license, Grafana Enterprise requires access to your AWS account and license information. To grant access, create an IAM user in AWS with access to the license, and pass its credentials as environment variables on the host or container where Grafana is running. These environment variables allow Grafana to retrieve license details from AWS.

1. In the AWS License Manager service, create an IAM policy with the following permissions:

- `"license-manager:CheckoutLicense"`
- `"license-manager:ListReceivedLicenses"`
- `"license-manager:GetLicenseUsage"`
- `"license-manager:CheckInLicense"`

For more information about creating a policy in AWS, refer to [Creating IAM policies]([https://docs.aws.amazon.com/IAM/latest/UserGuide/access\\_policies\\_create.html](https://docs.aws.amazon.com/IAM/latest/UserGuide/access_policies_create.html)).

For more information about AWS Identity and Access Management, refer to [IAM users]([https://docs.aws.amazon.com/IAM/latest/UserGuide/id\\_users.html](https://docs.aws.amazon.com/IAM/latest/UserGuide/id_users.html)).

1. To limit the policy to obtain usage data just for Grafana Enterprise, in the **Resources** section of the policy, specify your license ARN.

You can find your license ID in the **Granted Licenses** section of [AWS License Manager](<https://console.aws.amazon.com/license-manager/home>).

The policy JSON should look similar to the following example:

```
...
{
 "Version": "2012-10-17",
 "Statement": [
 {
 "Sid": "VisualEditor0",
 "Effect": "Allow",
 "Action": "license-manager:GetLicenseUsage",
 "Resource": "arn:aws:license-manager::[YOUR_ACCOUNT]:license:[YOUR_LICENSE_ID]"
 },
 {
 "Sid": "VisualEditor1",
 "Effect": "Allow",
 "Action": [
 "license-manager:CheckoutLicense",
 "license-manager:ListReceivedLicenses",
 "license-manager:CheckInLicense"
],
 }
]
}
```

```
"Resource": "*"
}
]
}
...

```

1. Create an IAM user and choose access key credentials as its authentication method.

For more information about creating an IAM user, refer to [IAM users]([https://docs.aws.amazon.com/IAM/latest/UserGuide/id\\_users.html](https://docs.aws.amazon.com/IAM/latest/UserGuide/id_users.html)).

For more information about access key credentials, refer to [Managing access keys for IAM users]([https://docs.aws.amazon.com/IAM/latest/UserGuide/id\\_credentials\\_access-keys.html](https://docs.aws.amazon.com/IAM/latest/UserGuide/id_credentials_access-keys.html)).

1. Attach the policy you created to the IAM user.

1. Add the following values as environment variables to the host or container running Grafana:

- AWS region
- IAM user's access key ID
- IAM user's secret access key

The environment variables should look similar to the following example:

```
...
AWS_ACCESS_KEY_ID=ABCD5E75FGHIJKTM7
AWS_SECRET_ACCESS_KEY=k8fhYAQVy+5NhCejhe6HeSjSphjRuy+12C06
AWS_REGION=us-east-1
...

```

### ## Task 3: Configure Grafana Enterprise to validate its license with AWS

In this task you configure Grafana Enterprise to validate the license with AWS instead of Grafana Labs.

Choose one of the following options to update the [license\_validation\_type]({{< relref "../..../setup-grafana/configure-grafana/enterprise-configuration/#license\_validation\_type" >}}) configuration to `aws`:

- **Option 1:** In the `[enterprise]` section of the grafana.ini configuration file, add `license\_validation\_type=aws`.

For example:

```
...
[enterprise]
license_validation_type=aws
...

```

- **Option 2:** Add the following environment variable to the container or host:

...

GF\_ENTERPRISE\_LICENSE\_VALIDATION\_TYPE=aws

...

## ## Task 4: Start or restart Grafana

To activate Grafana Enterprise features, start (or restart) Grafana.

For information about restarting Grafana, refer to [Restart Grafana]({{<relref "../..../setup-grafana/start-restart-grafana/" >}}). The icons contained in this unicorns icons folder were originally created by [IconScout](https://github.com/Iconscout/unicorns)

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aliases:

- ../../enterprise/activate-aws-marketplace-license/activate-license-on-ecs/
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description: Activate a Grafana Enterprise license from AWS Marketplace on ECS

keywords:

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- ecs
- enterprise
- aws
- marketplace

- activate

labels:

products:

- enterprise

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title: Activate a Grafana Enterprise license from AWS Marketplace on ECS

weight: 250

---

# Activate a Grafana Enterprise license from AWS Marketplace on ECS

If you have purchased a Grafana Enterprise subscription through AWS Marketplace, you must activate it in order to use Grafana Enterprise data source plugins and features in Grafana.

## Before you begin

- Purchase a subscription to [Grafana Enterprise from AWS

Marketplace](<https://aws.amazon.com/marketplace/pp/prodview-dlncd4kzt5kx6>).

- Be sure that the IAM user that was used to purchase Grafana Enterprise has permission to manage subscriptions, create new IAM users and roles, and create access policies.

To activate your license, complete the following tasks.

## Task 1: Deploy Grafana Enterprise on Amazon ECS

1. Deploy Grafana Enterprise on Amazon ECS.

For more information about deploying an application on Amazon ECS, refer to [Creating an Amazon ECS service](<https://docs.aws.amazon.com/AmazonECS/latest/developerguide/create-service.html>).

1. As you create the Amazon ECS service, use the Grafana Enterprise version 8.3.0 or later container image.

For example, enter `grafana/grafana-enterprise:8.3.3`.

> Only Grafana Enterprise versions 8.3.0 and later support licenses granted through AWS Marketplace.

## Task 2: Configure Grafana for high availability

Grafana requires that you configure a database to hold dashboards, users, and other persistent data.

### Before you begin

- Ensure that you have a supported Grafana database available.

- For a list of supported databases, refer to [Supported databases]({{< relref  
"../../../../setup-grafana/installation/#supported-databases" >}}).

- For information about creating a database, refer to [Creating an Amazon RDS DB instance]([https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER\\_CreateDBInstance.html](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/USER_CreateDBInstance.html)).

- Review the information required to connect to the RDS DB instance. For more information, refer to [Connecting to

an Amazon RDS DB

instance](https://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/CHAP\_CommonTasks.Connect.html).

To configure Grafana for high availability:

1. In AWS ECS, use environment variables to update the `database` parameters.

For a list of database parameters, refer to [Configuration]({{< relref "../.../setup-grafana/configure-grafana/#database" >}}).

1. Create a revision of the task definition for the ECS Task that runs Grafana Enterprise.

For more information about creating a task, refer to [Updating a task definition using the classic console](https://docs.aws.amazon.com/AmazonECS/latest/developerguide/update-task-definition.html).

- 1.

Within the new revision, edit the Grafana Enterprise container for this task, and add the following environment variables to the container:

```
...
GF_DATABASE_TYPE=[database type]
GF_DATABASE_HOST=[database address and port]
GF_DATABASE_NAME=[database name]
GF_DATABASE_USER=[database username]
GF_DATABASE_PASSWORD=[database password]
...
```

> For more information about how to update your ECS service with an environment variable, refer to [Updating a service using the new console](https://docs.aws.amazon.com/AmazonECS/latest/developerguide/update-service-console-v2.html).

### ## Task 3: Configure Grafana Enterprise to validate its license with AWS

In this task you configure Grafana Enterprise to validate the license with AWS instead of Grafana Labs.

1. In AWS IAM, create an access policy with the following permissions:

```
- "license-manager:CheckoutLicense"
- "license-manager:ListReceivedLicenses"
- "license-manager:GetLicenseUsage"
- "license-manager:CheckInLicense"
```

For more information about creating an access policy, refer to [Creating IAM policies (console)](https://docs.aws.amazon.com/IAM/latest/UserGuide/access\_policies\_create-console.html).

For more information about AWS license permissions, refer to [Actions, resources, and condition keys for AWS License Manager](https://docs.aws.amazon.com/service-authorization/latest/reference/list\_awslicensmanager.html).

1. Create an Elastic Container Service task role and attach the policy you created in the previous step.

For more information about creating a task role, refer to [IAM Roles for Tasks](<https://docs.aws.amazon.com/AmazonECS/latest/developerguide/task-iam-roles.html>).

1. Create a revision of the task definition for the ECS Task that runs Grafana Enterprise.

For more information about creating a revision of the task definition, refer to [Updating a task definition using the classic console](<https://docs.aws.amazon.com/AmazonECS/latest/developerguide/update-task-definition.html>).

- 1.

Within the new revision, perform the following steps:

- a. Update the Task Role of your ECS Task to the role that you created, with permission to access license information.
- b. Edit the Grafana Enterprise container for this task, and add the following environment variable to the container:

```
...
GF_ENTERPRISE_LICENSE_VALIDATION_TYPE=aws
...
```

For more information about how to update your ECS service with an environment variable, refer to [Updating a service using the new console](<https://docs.aws.amazon.com/AmazonECS/latest/developerguide/update-service-console-v2.html>).

#### ### Task 4: Start or restart Grafana

1. To restart Grafana and activate your license, update the service running Grafana to use the latest revision of the task definition that you created.
1. After you update the service, navigate to your Grafana instance, sign in with Grafana Admin credentials, and navigate to **Administration > General > Stats and license** to validate that your license is active.

For more information about validating that your license is active, refer to [Grafana Enterprise license restrictions]({{ < relref "../#grafana-enterprise-license-restrictions" > }}).

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```

```
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```

```
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## 1.728 [github.com/mithrandie/csvq](https://github.com/mithrandie/csvq) v1.17.10

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---

layout: default

title: License - csvq

---

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### Executable files on the release page

Executable files on the release page

(<https://github.com/mithrandie/csvq/releases>)(<https://github.com/mithrandie/csvq/releases>) include the binary code

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#### [<https://github.com/urfave/cli>](<https://github.com/urfave/cli>)

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#### [<https://github.com/chzyer/readline>](<https://github.com/chzyer/readline>)

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#### [<https://github.com/mitchellh/go-homedir>](<https://github.com/mitchellh/go-homedir>)

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## 1.729 aws-sdk-go v1.44.323

### 1.729.1 Available under license :

```
{
 "version": "2.0",
 "service": "<p>With License Manager, you can create user-based subscriptions to utilize licensed software with a per user subscription fee on Amazon EC2 instances.</p>",
 "operations": {
 "AssociateUser": "<p>Associates the user to an EC2 instance to utilize user-based subscriptions.</p> <note><p>Your estimated bill for charges on the number of users and related costs will take 48 hours to appear for billing periods that haven't closed (marked as Pending billing status) in Amazon Web Services Billing. For more information, see Viewing your monthly charges in the <i>Amazon Web Services Billing User Guide</i>.</p> </note>",
 "DeregisterIdentityProvider": "<p>Deregisters the identity provider from providing user-based subscriptions.</p>",
 "DisassociateUser": "<p>Disassociates the user from an EC2 instance providing user-based subscriptions.</p>",
 "ListIdentityProviders":
 "<p>Lists the identity providers for user-based subscriptions.</p>",
 "ListInstances": "<p>Lists the EC2 instances providing user-based subscriptions.</p>",
 "ListProductSubscriptions": "<p>Lists the user-based subscription products available from an identity provider.</p>",
 "ListUserAssociations": "<p>Lists user associations for an identity provider.</p>",
 "RegisterIdentityProvider": "<p>Registers an identity provider for user-based subscriptions.</p>",
 "StartProductSubscription": "<p>Starts a product subscription for a user with the specified identity provider.</p> <note> <p>Your estimated bill for charges on the number of users and related costs will take 48 hours to appear for billing periods that haven't closed (marked as Pending billing status) in Amazon Web Services Billing. For more information, see Viewing your monthly charges in the <i>Amazon Web
```

```

Services Billing User Guide</i>.</p> </note>",
 "StopProductSubscription": "<p>Stops a product subscription for a user with the specified identity provider.</p>",
 "UpdateIdentityProviderSettings": "<p>Updates additional product configuration settings for the registered
identity provider.</p>"
},
"shapes": {
 "AccessDeniedException": {
 "base": "<p>You don't have sufficient access to perform this action.</p>",
 "refs": {
 }
 },
 "ActiveDirectoryIdentityProvider": {
 "base": "<p>Details about an Active Directory identity provider.</p>",
 "refs": {
 "IdentityProvider$ActiveDirectoryIdentityProvider": "<p>An object that details an Active Directory identity
provider.</p>"
 }
 },
 "AssociateUserRequest": {
 "base": null,
 "refs": {
 }
 },
 "AssociateUserResponse": {
 "base": null,
 "refs": {
 }
 },
 "BoxInteger": {
 "base": null,
 "refs": {
 "ListIdentityProvidersRequest$MaxResults":
"<p>Maximum number of results to return in a single call.</p>",
 "ListInstancesRequest$MaxResults": "<p>Maximum number of results to return in a single call.</p>",
 "ListProductSubscriptionsRequest$MaxResults": "<p>Maximum number of results to return in a single
call.</p>",
 "ListUserAssociationsRequest$MaxResults": "<p>Maximum number of results to return in a single call.</p>"
 }
 },
 "ConflictException": {
 "base": "<p>The request couldn't be completed because it conflicted with the current state of the resource.</p>",
 "refs": {
 }
 },
 "DeregisterIdentityProviderRequest": {
 "base": null,
 "refs": {
 }
 }
}

```

```

},
"DeregisterIdentityProviderResponse": {
 "base": null,
 "refs": {
 }
},
"DisassociateUserRequest": {
 "base": null,
 "refs": {
 }
},
"DisassociateUserResponse": {
 "base": null,
 "refs": {
 }
},
"Filter": {
 "base": "<p>A
filter name and value pair that is used to return more specific results from a describe operation. Filters can be used
to match a set of resources by specific criteria, such as tags, attributes, or IDs.</p>",
 "refs": {
 "FilterList$member": null
 }
},
"FilterList": {
 "base": null,
 "refs": {
 "ListInstancesRequest$Filters": "<p>An array of structures that you can use to filter the results to those that
match one or more sets of key-value pairs that you specify.</p>",
 "ListProductSubscriptionsRequest$Filters": "<p>An array of structures that you can use to filter the results to
those that match one or more sets of key-value pairs that you specify.</p>",
 "ListUserAssociationsRequest$Filters": "<p>An array of structures that you can use to filter the results to those
that match one or more sets of key-value pairs that you specify.</p>"
 }
},
"IdentityProvider": {
 "base": "<p>Details about an identity provider.</p>",
 "refs": {
 "AssociateUserRequest$IdentityProvider": "<p>The identity provider of the user.</p>",
 "DeregisterIdentityProviderRequest$IdentityProvider": "<p>An object that specifies details for the identity
provider.</p>",
 "DisassociateUserRequest$IdentityProvider": "<p>An object that specifies details for the identity
provider.</p>",
 "IdentityProviderSummary$IdentityProvider": "<p>An object that specifies details for the identity
provider.</p>",
 "InstanceUserSummary$IdentityProvider": "<p>An object that specifies details for the identity provider.</p>",
 "ListProductSubscriptionsRequest$IdentityProvider": "<p>An object that specifies details for the identity
provider.</p>",

```

```

 "ListUserAssociationsRequest$IdentityProvider": "<p>An object that specifies details for the identity
provider.</p>",
 "ProductUserSummary$IdentityProvider": "<p>An object that specifies details for the identity provider.</p>",
 "RegisterIdentityProviderRequest$IdentityProvider":
"<p>An object that specifies details for the identity provider.</p>",
 "StartProductSubscriptionRequest$IdentityProvider": "<p>An object that specifies details for the identity
provider.</p>",
 "StopProductSubscriptionRequest$IdentityProvider": "<p>An object that specifies details for the identity
provider.</p>",
 "UpdateIdentityProviderSettingsRequest$IdentityProvider": null
 }
},
"IdentityProviderSummary": {
 "base": "<p>Describes an identity provider.</p>",
 "refs": {
 "DeregisterIdentityProviderResponse$IdentityProviderSummary": "<p>Metadata that describes the results of an
identity provider operation.</p>",
 "IdentityProviderSummaryList$member": null,
 "RegisterIdentityProviderResponse$IdentityProviderSummary": "<p>Metadata that describes the results of an
identity provider operation.</p>",
 "UpdateIdentityProviderSettingsResponse$IdentityProviderSummary": null

 }
},
"IdentityProviderSummaryList": {
 "base": null,
 "refs": {
 "ListIdentityProvidersResponse$IdentityProviderSummaries": "<p>Metadata that describes the list identity
providers operation.</p>"
 }
},
"InstanceSummary": {
 "base": "<p>Describes an EC2 instance providing user-based subscriptions.</p>",
 "refs": {
 "InstanceSummaryList$member": null
 }
},
"InstanceSummaryList": {
 "base": null,
 "refs": {
 "ListInstancesResponse$InstanceSummaries": "<p>Metadata that describes the list instances operation.</p>"
 }
},
"InstanceUserSummary": {
 "base": "<p>Describes users of an EC2 instance providing user-based subscriptions.</p>",
 "refs": {
 "AssociateUserResponse$InstanceUserSummary": "<p>Metadata that describes the associate user
operation.</p>",

```

"DisassociateUserResponse\$InstanceUserSummary": "<p>Metadata that describes the associate user operation.</p>",

```
"InstanceUserSummaryList$member": null
}
},
"InstanceUserSummaryList": {
 "base": null,
 "refs": {
 "ListUserAssociationsResponse$InstanceUserSummaries": "<p>Metadata that describes the list user association operation.</p>"
 }
},
"InternalServerError": {
 "base": "<p>An exception occurred with the service.</p>",
 "refs": {
 }
},
"ListIdentityProvidersRequest": {
 "base": null,
 "refs": {
 }
},
"ListIdentityProvidersResponse": {
 "base": null,
 "refs": {
 }
},
"ListInstancesRequest": {
 "base": null,
 "refs": {
 }
},
"ListInstancesResponse": {
 "base": null,
 "refs": {
 }
},
"ListProductSubscriptionsRequest": {
 "base": null,
 "refs": {
 }
},
"ListProductSubscriptionsResponse": {
 "base": null,
 "refs": {
 }
},
}
```

```

"ListUserAssociationsRequest": {
 "base": null,
 "refs": {
 }
},
"ListUserAssociationsResponse": {
 "base": null,
 "refs": {
 }
},
"ProductUserSummary": {
 "base": "<p>The summary of the user-based subscription products for a user.</p>",
 "refs": {
 "ProductUserSummaryList$member": null,
 "StartProductSubscriptionResponse$ProductUserSummary": "<p>Metadata that describes the start product
subscription operation.</p>",
 "StopProductSubscriptionResponse$ProductUserSummary": "<p>Metadata that describes the start product
subscription operation.</p>"
 }
},
"ProductUserSummaryList": {
 "base": null,
 "refs": {
 "ListProductSubscriptionsResponse$ProductUserSummaries": "<p>Metadata that describes the list product
subscriptions operation.</p>"
 }
},
"RegisterIdentityProviderRequest": {
 "base": null,
 "refs": {
 }
},
"RegisterIdentityProviderResponse": {
 "base": null,
 "refs": {
 }
},
"ResourceNotFoundException": {
 "base": "<p>The resource couldn't be found.</p>",
 "refs": {
 }
},
"SecurityGroup": {
 "base": null,
 "refs": {
 "Settings$SecurityGroupId": "<p>A security group ID that allows inbound TCP port 1688 communication
between resources in your VPC and the VPC endpoint for activation servers.</p>",
 }
}

```

```

 "UpdateSettings$SecurityGroupId": "<p>A security group ID that allows inbound TCP port 1688
communication between resources in your VPC and the VPC endpoints for activation servers.</p>"
 }
},
"ServiceQuotaExceededException": {
 "base": "<p>The request failed because a service quota is exceeded.</p>",
 "refs": {
 }
},
"Settings": {
 "base": "<p>The registered identity providers product related configuration settings such as the subnets to
provision VPC endpoints, and the security group ID that is associated with the VPC endpoints. The security group
should permit inbound TCP port 1688 communication
from resources in the VPC.</p>",
 "refs": {
 "IdentityProviderSummary$Settings": "<p>An object that details the registered identity providers product
related configuration settings such as the subnets to provision VPC endpoints.</p>",
 "RegisterIdentityProviderRequest$Settings": "<p>The registered identity providers product related
configuration settings such as the subnets to provision VPC endpoints.</p>"
 }
},
"SettingsSubnetsList": {
 "base": null,
 "refs": {
 "Settings$Subnets": "<p>The subnets defined for the registered identity provider.</p>"
 }
},
"StartProductSubscriptionRequest": {
 "base": null,
 "refs": {
 }
},
"StartProductSubscriptionResponse": {
 "base": null,
 "refs": {
 }
},
"StopProductSubscriptionRequest": {
 "base": null,
 "refs": {
 }
},
"StopProductSubscriptionResponse": {
 "base": null,
 "refs": {
 }
},
"String":

```

```

{
 "base": null,
 "refs": {
 "AccessDeniedException$message": null,
 "ActiveDirectoryIdentityProvider$DirectoryId": "<p>The directory ID for an Active Directory identity provider.</p>",
 "AssociateUserRequest$Domain": "<p>The domain name of the user.</p>",
 "AssociateUserRequest$InstanceId": "<p>The ID of the EC2 instance, which provides user-based subscriptions.</p>",
 "AssociateUserRequest$Username": "<p>The user name from the identity provider for the user.</p>",
 "ConflictException$message": null,
 "DeregisterIdentityProviderRequest$Product": "<p>The name of the user-based subscription product.</p>",
 "DisassociateUserRequest$Domain": "<p>The domain name of the user.</p>",
 "DisassociateUserRequest$InstanceId": "<p>The ID of the EC2 instance, which provides user-based subscriptions.</p>",
 "DisassociateUserRequest$Username": "<p>The user name from the identity provider for the user.</p>",

 "Filter$Attribute": "<p>The name of an attribute to use as a filter.</p>",
 "Filter$Operation": "<p>The type of search (For example, eq, geq, leq)</p>",
 "Filter$Value": "<p>Value of the filter.</p>",
 "IdentityProviderSummary$FailureMessage": "<p>The failure message associated with an identity provider.</p>",
 "IdentityProviderSummary$Product": "<p>The name of the user-based subscription product.</p>",
 "IdentityProviderSummary$Status": "<p>The status of an identity provider.</p>",
 "InstanceSummary$InstanceId": "<p>The ID of the EC2 instance, which provides user-based subscriptions.</p>",
 "InstanceSummary$LastStatusCheckDate": "<p>The date of the last status check.</p>",
 "InstanceSummary$Status": "<p>The status of an EC2 instance resource.</p>",
 "InstanceSummary$StatusMessage": "<p>The status message for an EC2 instance.</p>",
 "InstanceUserSummary$AssociationDate": "<p>The date a user was associated with an EC2 instance.</p>",
 "InstanceUserSummary$DisassociationDate": "<p>The date a user was disassociated from an EC2 instance.</p>",
 "InstanceUserSummary$Domain": "<p>The domain name of the user.</p>",
 "InstanceUserSummary$InstanceId": "<p>The ID of the EC2 instance, which provides user-based subscriptions.</p>",
 "InstanceUserSummary$Status": "<p>The status of a user associated with an EC2 instance.</p>",
 "InstanceUserSummary$StatusMessage": "<p>The status message for users of an EC2 instance.</p>",
 "InstanceUserSummary$Username": "<p>The user name from the identity provider for the user.</p>",
 "InternalServerError$message": null,
 "ListIdentityProvidersRequest$NextToken": "<p>Token for the next set of results.</p>",
 "ListIdentityProvidersResponse$NextToken": "<p>Token for the next set of results.</p>",
 "ListInstancesRequest$NextToken": "<p>Token for the next set of results.</p>",
 "ListInstancesResponse$NextToken":
 "<p>Token for the next set of results.</p>",
 "ListProductSubscriptionsRequest$NextToken": "<p>Token for the next set of results.</p>",
 "ListProductSubscriptionsRequest$Product": "<p>The name of the user-based subscription product.</p>",
 "ListProductSubscriptionsResponse$NextToken": "<p>Token for the next set of results.</p>",
 }
}

```

```

"ListUserAssociationsRequest$InstanceId": "<p>The ID of the EC2 instance, which provides user-based
subscriptions.</p>",
"ListUserAssociationsRequest$NextToken": "<p>Token for the next set of results.</p>",
"ListUserAssociationsResponse$NextToken": "<p>Token for the next set of results.</p>",
"ProductUserSummary$Domain": "<p>The domain name of the user.</p>",
"ProductUserSummary$Product": "<p>The name of the user-based subscription product.</p>",
"ProductUserSummary$Status": "<p>The status of a product for a user.</p>",
"ProductUserSummary$StatusMessage": "<p>The status
message for a product for a user.</p>",
"ProductUserSummary$SubscriptionEndDate": "<p>The end date of a subscription.</p>",
"ProductUserSummary$SubscriptionStartDate": "<p>The start date of a subscription.</p>",
"ProductUserSummary$Username": "<p>The user name from the identity provider of the user.</p>",
"RegisterIdentityProviderRequest$Product": "<p>The name of the user-based subscription product.</p>",
"ResourceNotFoundException$message": null,
"ServiceQuotaExceededException$message": null,
"StartProductSubscriptionRequest$Domain": "<p>The domain name of the user.</p>",
"StartProductSubscriptionRequest$Product": "<p>The name of the user-based subscription product.</p>",
"StartProductSubscriptionRequest$Username": "<p>The user name from the identity provider of the user.</p>",
"StopProductSubscriptionRequest$Domain": "<p>The domain name of the user.</p>",
"StopProductSubscriptionRequest$Product":
"<p>The name of the user-based subscription product.</p>",
"StopProductSubscriptionRequest$Username": "<p>The user name from the identity provider for the
user.</p>",
"StringList$member": null,
"ThrottlingException$message": null,
"UpdateIdentityProviderSettingsRequest$Product": "<p>The name of the user-based subscription
product.</p>",
"ValidationException$message": null
}
},
"StringList": {
"base": null,
"refs": {
"InstanceSummary$Products": "<p>A list of provided user-based subscription products.</p>"
}
},
"Subnet": {
"base": null,
"refs": {
"SettingsSubnetsList$member": null,
"Subnets$member": null
}
},
"Subnets": {
"base": null,
"refs": {
"UpdateSettings$AddSubnets": "<p>The ID of one or more subnets in which License Manager will create a
VPC endpoint for products that require connectivity to activation servers.</p>",

```

```

 "UpdateSettings$RemoveSubnets":
 "<p>The ID of one or more subnets to remove.</p>"
 }
 },
 "ThrottlingException": {
 "base": "<p>The request was denied because of request throttling. Retry the request.</p>",
 "refs": {
 }
 },
 "UpdateIdentityProviderSettingsRequest": {
 "base": null,
 "refs": {
 }
 },
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AWS SDK for Go

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 "output":{"shape":"GetLicenseUsageResponse"},
 "errors":[
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 {"shape":"InvalidParameterValueException"},
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 {"shape":"AccessDeniedException"},
 {"shape":"RateLimitExceededException"},
 {"shape":"ServerInternalException"}
]
},
"GetServiceSettings":{
 "name":"GetServiceSettings",

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},
"input":{"shape":"GetServiceSettingsRequest"},
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 {"shape":"AccessDeniedException"},
 {"shape":"RateLimitExceededException"}
]
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 },
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 "output":{"shape":"ListAssociationsForLicenseConfigurationResponse"},
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 {"shape":"FilterLimitExceededException"},
 {"shape":"ServerInternalException"},
 {"shape":"AuthorizationException"},
 {"shape":"AccessDeniedException"},
 {"shape":"RateLimitExceededException"}
]
},
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 },
 "input":{"shape":"ListDistributedGrantsRequest"},
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 {"shape":"InvalidParameterValueException"},
 {"shape":"ResourceLimitExceededException"},
 {"shape":"ServerInternalException"},
 {"shape":"AuthorizationException"},
 {"shape":"AccessDeniedException"},
 {"shape":"RateLimitExceededException"}
]
},

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 "errors":[
 {"shape":"InvalidParameterValueException"},
 {"shape":"ServerInternalException"},
 {"shape":"AuthorizationException"},
 {"shape":"AccessDeniedException"},
 {"shape":"RateLimitExceededException"}
]
},
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 "method":"POST",
 "requestUri":"/"
 },
 "input":{"shape":"ListLicenseConfigurationsRequest"},
 "output":{"shape":"ListLicenseConfigurationsResponse"},
 "errors":[
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 {"shape":"ServerInternalException"},
 {"shape":"FilterLimitExceededException"},
 {"shape":"AuthorizationException"},
 {"shape":"AccessDeniedException"},
 {"shape":"RateLimitExceededException"}
]
},
"ListLicenseConversionTasks":{
 "name":"ListLicenseConversionTasks",
 "http":{
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 "requestUri":"/"
 },
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 "output":{"shape":"ListLicenseConversionTasksResponse"},
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 {"shape":"AuthorizationException"},
 {"shape":"AccessDeniedException"},
 {"shape":"RateLimitExceededException"}
]
}

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},
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 },
 "input":{"shape":"ListLicenseManagerReportGeneratorsRequest"},
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 "errors":[
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 {"shape":"InvalidParameterValueException"},
 {"shape":"ResourceLimitExceededException"},
 {"shape":"ServerInternalException"},
 {"shape":"AuthorizationException"},
 {"shape":"RateLimitExceededException"},
 {"shape":"AccessDeniedException"},
 {"shape":"ResourceNotFoundException"}
]
},
"ListLicenseSpecificationsForResource":{
 "name":"ListLicenseSpecificationsForResource",
 "http":{
 "method":"POST",
 "requestUri":"/"
 },
 "input":{"shape":"ListLicenseSpecificationsForResourceRequest"},
 "output":{"shape":"ListLicenseSpecificationsForResourceResponse"},
 "errors":[
 {"shape":"InvalidParameterValueException"},
 {"shape":"ServerInternalException"},
 {"shape":"AuthorizationException"},
 {"shape":"AccessDeniedException"},
 {"shape":"RateLimitExceededException"}
]
},
"ListLicenseVersions":{
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 "http":{
 "method":"POST",
 "requestUri":"/"
 },
 "input":{"shape":"ListLicenseVersionsRequest"},
 "output":{"shape":"ListLicenseVersionsResponse"},
 "errors":[
 {"shape":"InvalidParameterValueException"},
 {"shape":"AuthorizationException"},
 {"shape":"AccessDeniedException"},

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 {"shape":"RateLimitExceededException"},
 {"shape":"ServerInternalException"}
]
},
"ListLicenses":{
 "name":"ListLicenses",
 "http":{
 "method":"POST",
 "requestUri":"/"
 },
 "input":{"shape":"ListLicensesRequest"},
 "output":{"shape":"ListLicensesResponse"},
 "errors":[
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 {"shape":"InvalidParameterValueException"},
 {"shape":"AuthorizationException"},
 {"shape":"AccessDeniedException"},
 {"shape":"RateLimitExceededException"},
 {"shape":"ServerInternalException"}
]
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"ListReceivedGrants":{
 "name":"ListReceivedGrants",
 "http":{
 "method":"POST",
 "requestUri":"/"
 },
 "input":{"shape":"ListReceivedGrantsRequest"},
 "output":{"shape":"ListReceivedGrantsResponse"},
 "errors":[
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 {"shape":"InvalidParameterValueException"},
 {"shape":"ResourceLimitExceededException"},
 {"shape":"ServerInternalException"},
 {"shape":"AuthorizationException"},
 {"shape":"AccessDeniedException"},
 {"shape":"RateLimitExceededException"}
]
},
"ListReceivedGrantsForOrganization":{
 "name":"ListReceivedGrantsForOrganization",
 "http":{
 "method":"POST",
 "requestUri":"/"
 },
 "input":{"shape":"ListReceivedGrantsForOrganizationRequest"},
 "output":{"shape":"ListReceivedGrantsForOrganizationResponse"},

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"errors":[
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 {"shape":"InvalidParameterValueException"},
 {"shape":"ResourceLimitExceededException"},
 {"shape":"ServerInternalException"},
 {"shape":"AuthorizationException"},
 {"shape":"AccessDeniedException"},
 {"shape":"RateLimitExceededException"}
]
},
>ListReceivedLicenses":{
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 "http":{
 "method":"POST",
 "requestUri":"/"
 },
 "input":{"shape":"ListReceivedLicensesRequest"},
 "output":{"shape":"ListReceivedLicensesResponse"},
 "errors":[
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 {"shape":"InvalidParameterValueException"},
 {"shape":"ResourceLimitExceededException"},
 {"shape":"ServerInternalException"},
 {"shape":"AuthorizationException"},
 {"shape":"AccessDeniedException"},
 {"shape":"RateLimitExceededException"}
]
},
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 "requestUri":"/"
 },
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 "output":{"shape":"ListReceivedLicensesForOrganizationResponse"},
 "errors":[
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 {"shape":"InvalidParameterValueException"},
 {"shape":"ResourceLimitExceededException"},
 {"shape":"ServerInternalException"},
 {"shape":"AuthorizationException"},
 {"shape":"AccessDeniedException"},
 {"shape":"RateLimitExceededException"}
]
},
>ListResourceInventory":{
 "name":"ListResourceInventory",

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"http":{
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 "requestUri":"/"
},
"input":{"shape":"ListResourceInventoryRequest"},
"output":{"shape":"ListResourceInventoryResponse"},
"errors":[
 {"shape":"InvalidParameterValueException"},
 {"shape":"ServerInternalException"},
 {"shape":"FilterLimitExceededException"},
 {"shape":"FailedDependencyException"},
 {"shape":"AuthorizationException"},
 {"shape":"AccessDeniedException"},
 {"shape":"RateLimitExceededException"}
]
},
"ListTagsForResource":{
 "name":"ListTagsForResource",
 "http":{
 "method":"POST",
 "requestUri":"/"
 },
 "input":{"shape":"ListTagsForResourceRequest"},
 "output":{"shape":"ListTagsForResourceResponse"},
 "errors":[
 {"shape":"InvalidParameterValueException"},
 {"shape":"ServerInternalException"},
 {"shape":"AuthorizationException"},
 {"shape":"AccessDeniedException"},
 {"shape":"RateLimitExceededException"}
]
},
"ListTokens":{
 "name":"ListTokens",
 "http":{
 "method":"POST",

"requestUri":"/"
 },
 "input":{"shape":"ListTokensRequest"},
 "output":{"shape":"ListTokensResponse"},
 "errors":[
 {"shape":"ValidationException"},
 {"shape":"AuthorizationException"},
 {"shape":"AccessDeniedException"},
 {"shape":"RateLimitExceededException"},
 {"shape":"ServerInternalException"}
]
}

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},
"ListUsageForLicenseConfiguration":{
 "name":"ListUsageForLicenseConfiguration",
 "http":{
 "method":"POST",
 "requestUri":"/"
 },
 "input":{"shape":"ListUsageForLicenseConfigurationRequest"},
 "output":{"shape":"ListUsageForLicenseConfigurationResponse"},
 "errors":[
 {"shape":"InvalidParameterValueException"},
 {"shape":"FilterLimitExceededException"},
 {"shape":"ServerInternalException"},
 {"shape":"AuthorizationException"},
 {"shape":"AccessDeniedException"},
 {"shape":"RateLimitExceededException"}
]
},
"RejectGrant":{
 "name":"RejectGrant",
 "http":{
 "method":"POST",
 "requestUri":"/"
 },
 "input":{"shape":"RejectGrantRequest"},
 "output":{"shape":"RejectGrantResponse"},
 "errors":[
 {"shape":"ValidationException"},
 {"shape":"InvalidParameterValueException"},
 {"shape":"AuthorizationException"},
 {"shape":"AccessDeniedException"},
 {"shape":"RateLimitExceededException"},
 {"shape":"ResourceLimitExceededException"},
 {"shape":"ServerInternalException"}
]
},
"TagResource":{
 "name":"TagResource",
 "http":{
 "method":"POST",
 "requestUri":"/"
 },
 "input":{"shape":"TagResourceRequest"},
 "output":{"shape":"TagResourceResponse"},
 "errors":[
 {"shape":"InvalidParameterValueException"},
 {"shape":"ServerInternalException"},
 {"shape":"AuthorizationException"},

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 {"shape":"AccessDeniedException"},
 {"shape":"RateLimitExceededException"}
]
},
"UntagResource":{
 "name":"UntagResource",
 "http":{
 "method":"POST",
 "requestUri":"/"
 },
 "input":{"shape":"UntagResourceRequest"},
 "output":{"shape":"UntagResourceResponse"},
 "errors":[
 {"shape":"InvalidParameterValueException"},
 {"shape":"ServerInternalException"},
 {"shape":"AuthorizationException"},
 {"shape":"AccessDeniedException"},
 {"shape":"RateLimitExceededException"}
]
},
"UpdateLicenseConfiguration":{
 "name":"UpdateLicenseConfiguration",
 "http":{
 "method":"POST",
 "requestUri":"/"
 },
 "input":{"shape":"UpdateLicenseConfigurationRequest"},
 "output":{"shape":"UpdateLicenseConfigurationResponse"},
 "errors":[
 {"shape":"InvalidParameterValueException"},
 {"shape":"ServerInternalException"},
 {"shape":"AuthorizationException"},
 {"shape":"AccessDeniedException"},
 {"shape":"RateLimitExceededException"},
 {"shape":"ResourceLimitExceededException"}
]
},
"UpdateLicenseManagerReportGenerator":{
 "name":"UpdateLicenseManagerReportGenerator",
 "http":{
 "method":"POST",
 "requestUri":"/"
 },
 "input":{"shape":"UpdateLicenseManagerReportGeneratorRequest"},
 "output":{"shape":"UpdateLicenseManagerReportGeneratorResponse"},
 "errors":[
 {"shape":"ValidationException"},
 {"shape":"InvalidParameterValueException"},

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```

 {"shape":"RateLimitExceededException"},
 {"shape":"ServerInternalException"},
 {"shape":"AuthorizationException"},
 {"shape":"AccessDeniedException"},
 {"shape":"ResourceNotFoundException"},
 {"shape":"ResourceLimitExceededException"}
]
},
"UpdateLicenseSpecificationsForResource":{
 "name":"UpdateLicenseSpecificationsForResource",
 "http":{
 "method":"POST",
 "requestUri":"/"
 },
 "input":{"shape":"UpdateLicenseSpecificationsForResourceRequest"},
 "output":{"shape":"UpdateLicenseSpecificationsForResourceResponse"},
 "errors":[
 {"shape":"InvalidParameterValueException"},
 {"shape":"InvalidResourceStateException"},
 {"shape":"LicenseUsageException"},
 {"shape":"ServerInternalException"},
 {"shape":"AuthorizationException"},
 {"shape":"AccessDeniedException"},
 {"shape":"RateLimitExceededException"}
]
},
"UpdateServiceSettings":{
 "name":"UpdateServiceSettings",
 "http":{
 "method":"POST",
 "requestUri":"/"
 },
 "input":{"shape":"UpdateServiceSettingsRequest"},
 "output":{"shape":"UpdateServiceSettingsResponse"},
 "errors":[
 {"shape":"InvalidParameterValueException"},
 {"shape":"ServerInternalException"},
 {"shape":"AuthorizationException"},
 {"shape":"AccessDeniedException"},
 {"shape":"RateLimitExceededException"}
]
},
"shapes":{
 "AcceptGrantRequest":{
 "type":"structure",
 "required":["GrantArn"],

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```

"members":{
 "GrantArn":{"shape":"Arn"}
}
},
"AcceptGrantResponse":{
 "type":"structure",
 "members":{
 "GrantArn":{"shape":"Arn"},
 "Status":{"shape":"GrantStatus"},
 "Version":{"shape":"String"}
 }
},
"AccessDeniedException":{
 "type":"structure",
 "members":{
 "Message":{"shape":"Message"}
 },
 "exception":true
},
"ActivationOverrideBehavior":{
 "type":"string",
 "enum":[
 "DISTRIBUTED_GRANTS_ONLY",
 "ALL_GRANTS_PERMITTED_BY_ISSUER"
]
},
"AllowedOperation":{
 "type":"string",
 "enum":[
 "CreateGrant",
 "CheckoutLicense",
 "CheckoutBorrowLicense",
 "CheckInLicense",
 "ExtendConsumptionLicense",
 "ListPurchasedLicenses",
 "CreateToken"
]
},
"AllowedOperationList":{
 "type":"list",
 "member":{"shape":"AllowedOperation"},
 "max":7,
 "min":1
},
"Arn":{
 "type":"string",
 "max":2048,
 "pattern":"^arn:aws(-(cn|us-gov|iso-b|iso-c|iso-d))?:[A-Za-z0-9][A-Za-z0-9_/.-]{0,62}:[A-Za-z0-9_/.-]{0,63}:[A-

```

Za-z0-9\_./-]{0,63}:[A-Za-z0-9][A-Za-z0-9:\_/+=,@.-]{0,1023}\$"

```
},
"ArnList":{
 "type":"list",
 "member":{"shape":"Arn"}
},
"AuthorizationException":{
 "type":"structure",
 "members":{
 "Message":{"shape":"Message"}
 },
 "exception":true
},
"AutomatedDiscoveryInformation":{
 "type":"structure",
 "members":{
 "LastRunTime":{"shape":"DateTime"}
 }
},
"Boolean":{"type":"boolean"},
"BorrowConfiguration":{
 "type":"structure",
 "required":[
 "AllowEarlyCheckIn",
 "MaxTimeToLiveInMinutes"
],
 "members":{
 "AllowEarlyCheckIn":{"shape":"BoxBoolean"},
 "MaxTimeToLiveInMinutes":{"shape":"BoxInteger"}
 }
},
"BoxBoolean":{"type":"boolean"},
"BoxInteger":{"type":"integer"},
"BoxLong":{"type":"long"},
"CheckInLicenseRequest":{
 "type":"structure",
 "required":["LicenseConsumptionToken"],
 "members":{
 "LicenseConsumptionToken":{"shape":"String"},
 "Beneficiary":{"shape":"String"}
 }
},
"CheckInLicenseResponse":{
 "type":"structure",
 "members":{
 }
},
"CheckoutBorrowLicenseRequest":{
```

```

"type":"structure",
"required":[
 "LicenseArn",
 "Entitlements",
 "DigitalSignatureMethod",
 "ClientToken"
],
"members":{
 "LicenseArn":{"shape":"Arn"},
 "Entitlements":{"shape":"EntitlementDataList"},
 "DigitalSignatureMethod":{"shape":"DigitalSignatureMethod"},
 "NodeId":{"shape":"String"},
 "CheckoutMetadata":{"shape":"MetadataList"},
 "ClientToken":{"shape":"ClientToken"}
}
},

```

```

"CheckoutBorrowLicenseResponse":{
 "type":"structure",
 "members":{
 "LicenseArn":{"shape":"Arn"},
 "LicenseConsumptionToken":{"shape":"String"},
 "EntitlementsAllowed":{"shape":"EntitlementDataList"},
 "NodeId":{"shape":"String"},
 "SignedToken":{"shape":"SignedToken"},
 "IssuedAt":{"shape":"ISO8601DateTime"},
 "Expiration":{"shape":"ISO8601DateTime"},
 "CheckoutMetadata":{"shape":"MetadataList"}
 }
},

```

```

"CheckoutLicenseRequest":{
 "type":"structure",
 "required":[
 "ProductSKU",
 "CheckoutType",
 "KeyFingerprint",
 "Entitlements",
 "ClientToken"
],
 "members":{
 "ProductSKU":{"shape":"String"},
 "CheckoutType":{"shape":"CheckoutType"},
 "KeyFingerprint":{"shape":"String"},
 "Entitlements":{"shape":"EntitlementDataList"},
 "ClientToken":{"shape":"ClientToken"},
 "Beneficiary":{"shape":"String"},
 "NodeId":{"shape":"String"}
 }
},

```

```

 }
 },
 "CheckoutLicenseResponse":{
 "type":"structure",
 "members":{
 "CheckoutType":{"shape":"CheckoutType"},
 "LicenseConsumptionToken":{"shape":"String"},
 "EntitlementsAllowed":{"shape":"EntitlementDataList"},
 "SignedToken":{"shape":"SignedToken"},
 "NodeId":{"shape":"String"},
 "IssuedAt":{"shape":"ISO8601DateTime"},
 "Expiration":{"shape":"ISO8601DateTime"},
 "LicenseArn":{"shape":"String"}
 }
 },
 "CheckoutType":{
 "type":"string",
 "enum":[
 "PROVISIONAL",
 "PERPETUAL"
]
 },
 "ClientRequestToken":{
 "type":"string",
 "max":36,
 "min":1
 },
 "ClientToken":{
 "type":"string",
 "max":2048,
 "pattern":"\\S+"
 },
 "ConflictException":{
 "type":"structure",
 "members":{
 "Message":{"shape":"Message"}
 },
 "exception":true
 },
 "ConsumedLicenseSummary":{
 "type":"structure",
 "members":{
 "ResourceType":{"shape":"ResourceType"},
 "ConsumedLicenses":{"shape":"BoxLong"}
 }
 },
 "ConsumedLicenseSummaryList":{
 "type":"list",

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"member":{"shape":"ConsumedLicenseSummary"}
},
"ConsumptionConfiguration":{
 "type":"structure",
 "members":{
 "RenewType":{"shape":"RenewType"},
 "ProvisionalConfiguration":{"shape":"ProvisionalConfiguration"},
 "BorrowConfiguration":{"shape":"BorrowConfiguration"}
 }
},
"CreateGrantRequest":{
 "type":"structure",
 "required":[
 "ClientToken",
 "GrantName",
 "LicenseArn",
 "Principals",
 "HomeRegion",
 "AllowedOperations"
],
 "members":{
 "ClientToken":{"shape":"ClientToken"},
 "GrantName":{"shape":"String"},
 "LicenseArn":{"shape":"Arn"},
 "Principals":{"shape":"PrincipalArnList"},
 "HomeRegion":{"shape":"String"},
 "AllowedOperations":{"shape":"AllowedOperationList"}
 }
},
"CreateGrantResponse":{
 "type":"structure",
 "members":{
 "GrantArn":{"shape":"Arn"},
 "Status":{"shape":"GrantStatus"},
 "Version":{"shape":"String"}
 }
},
"CreateGrantVersionRequest":{
 "type":"structure",
 "required":[
 "ClientToken",
 "GrantArn"
],
 "members":{
 "ClientToken":{"shape":"ClientToken"},
 "GrantArn":{"shape":"Arn"},
 "GrantName":{"shape":"String"},
 "AllowedOperations":{"shape":"AllowedOperationList"},

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```

 "Status":{"shape":"GrantStatus"},
 "StatusReason":{"shape":"StatusReasonMessage"},
 "SourceVersion":{"shape":"String"},
 "Options":{"shape":"Options"}
 }
},
"CreateGrantVersionResponse":{
 "type":"structure",
 "members":{
 "GrantArn":{"shape":"Arn"},
 "Status":{"shape":"GrantStatus"},
 "Version":{"shape":"String"}
 }
},
"CreateLicenseConfigurationRequest":{
 "type":"structure",
 "required":[
 "Name",
 "LicenseCountingType"
],
 "members":{
 "Name":{"shape":"String"},
 "Description":{"shape":"String"},
 "LicenseCountingType":{"shape":"LicenseCountingType"},
 "LicenseCount":{"shape":"BoxLong"},
 "LicenseCountHardLimit":{"shape":"BoxBoolean"},
 "LicenseRules":{"shape":"StringList"},
 "Tags":{"shape":"TagList"},
 "DisassociateWhenNotFound":{"shape":"BoxBoolean"},
 "ProductInformationList":{"shape":"ProductInformationList"}
 }
},
"CreateLicenseConfigurationResponse":{
 "type":"structure",
 "members":{
 "LicenseConfigurationArn":{"shape":"String"}
 }
},
"CreateLicenseConversionTaskForResourceRequest":{
 "type":"structure",
 "required":[
 "ResourceArn",
 "SourceLicenseContext",
 "DestinationLicenseContext"
],
 "members":{
 "ResourceArn":{"shape":"Arn"},

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 "SourceLicenseContext":{"shape":"LicenseConversionContext"},
 "DestinationLicenseContext":{"shape":"LicenseConversionContext"}
 }
},
"CreateLicenseConversionTaskForResourceResponse":{"
 "type":"structure",
 "members":{"
 "LicenseConversionTaskId":{"shape":"LicenseConversionTaskId"}
 }
},
"CreateLicenseManagerReportGeneratorRequest":{"
 "type":"structure",
 "required":[
 "ReportGeneratorName",
 "Type",
 "ReportContext",
 "ReportFrequency",
 "ClientToken"
],
 "members":{"
 "ReportGeneratorName":{"shape":"ReportGeneratorName"},
 "Type":{"shape":"ReportTypeList"},
 "ReportContext":{"shape":"ReportContext"},
 "ReportFrequency":{"shape":"ReportFrequency"},
 "ClientToken":{"shape":"ClientRequestToken"},
 "Description":{"shape":"String"},
 "Tags":{"shape":"TagList"}
 }
},
"CreateLicenseManagerReportGeneratorResponse":{"
 "type":"structure",
 "members":{"
 "LicenseManagerReportGeneratorArn":{"shape":"String"}
 }
},
"CreateLicenseRequest":{"
 "type":"structure",
 "required":[
 "LicenseName",
 "ProductName",
 "ProductSKU",
 "Issuer",
 "HomeRegion",
 "Validity",
 "Entitlements",
 "Beneficiary",
 "ConsumptionConfiguration",
 "ClientToken"
]
}

```

```

],
"members":{
 "LicenseName":{"shape":"String"},
 "ProductName":{"shape":"String"},
 "ProductSKU":{"shape":"String"},
 "Issuer":{"shape":"Issuer"},
 "HomeRegion":{"shape":"String"},
 "Validity":{"shape":"DatetimeRange"},
 "Entitlements":{"shape":"EntitlementList"},
 "Beneficiary":{"shape":"String"},
 "ConsumptionConfiguration":{"shape":"ConsumptionConfiguration"},
 "LicenseMetadata":{"shape":"MetadataList"},
 "ClientToken":{"shape":"ClientToken"}
}
},
"CreateLicenseResponse":{
 "type":"structure",
 "members":{
 "LicenseArn":{"shape":"Arn"},
 "Status":{"shape":"LicenseStatus"},
 "Version":{"shape":"String"}
 }
},
"CreateLicenseVersionRequest":{
 "type":"structure",
 "required":[
 "LicenseArn",
 "LicenseName",
 "ProductName",
 "Issuer",
 "HomeRegion",
 "Validity",
 "Entitlements",
 "ConsumptionConfiguration",
 "Status",
 "ClientToken"
],
 "members":{
 "LicenseArn":{"shape":"Arn"},
 "LicenseName":{"shape":"String"},
 "ProductName":{"shape":"String"},
 "Issuer":{"shape":"Issuer"},
 "HomeRegion":{"shape":"String"},
 "Validity":{"shape":"DatetimeRange"},
 "LicenseMetadata":{"shape":"MetadataList"},
 "Entitlements":{"shape":"EntitlementList"},
 "ConsumptionConfiguration":{"shape":"ConsumptionConfiguration"},

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```

 "Status":{"shape":"LicenseStatus"},
 "ClientToken":{"shape":"ClientToken"},
 "SourceVersion":{"shape":"String"}
 }
},
"CreateLicenseVersionResponse":{
 "type":"structure",
 "members":{
 "LicenseArn":{"shape":"Arn"},
 "Version":{"shape":"String"},
 "Status":{"shape":"LicenseStatus"}
 }
},
"CreateTokenRequest":{
 "type":"structure",
 "required":[
 "LicenseArn",
 "ClientToken"
],
 "members":{
 "LicenseArn":{"shape":"Arn"},
 "RoleArns":{"shape":"ArnList"},
 "ExpirationInDays":{"shape":"Integer"},
 "TokenProperties":{"shape":"MaxSize3StringList"},
 "ClientToken":{"shape":"ClientToken"}
 }
},
"CreateTokenResponse":{
 "type":"structure",
 "members":{
 "TokenId":{"shape":"String"},
 "TokenType":{"shape":"TokenType"},
 "Token":{"shape":"TokenString"}
 }
},
"DateTime":{"type":"timestamp"},
"DatetimeRange":{
 "type":"structure",
 "required":["Begin"],
 "members":{
 "Begin":{"shape":"ISO8601DateTime"},
 "End":{"shape":"ISO8601DateTime"}
 }
},
"DeleteGrantRequest":{
 "type":"structure",
 "required":[]
}

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 "GrantArn",
 "Version"
],
 "members":{
 "GrantArn":{"shape":"Arn"},
 "StatusReason":{"shape":"StatusReasonMessage"},
 "Version":{"shape":"String"}
 }
},
"DeleteGrantResponse":{
 "type":"structure",
 "members":{
 "GrantArn":{"shape":"Arn"},
 "Status":{"shape":"GrantStatus"},
 "Version":{"shape":"String"}
 }
},
"DeleteLicenseConfigurationRequest":{
 "type":"structure",
 "required":["LicenseConfigurationArn"],
 "members":{
 "LicenseConfigurationArn":{"shape":"String"}
 }
},
"DeleteLicenseConfigurationResponse":{
 "type":"structure",
 "members":{
 }
},
"DeleteLicenseManagerReportGeneratorRequest":{
 "type":"structure",
 "required":["LicenseManagerReportGeneratorArn"],
 "members":{
 "LicenseManagerReportGeneratorArn":{"shape":"String"}
 }
},
"DeleteLicenseManagerReportGeneratorResponse":{
 "type":"structure",
 "members":{
 }
},
"DeleteLicenseRequest":{
 "type":"structure",
 "required":[
 "LicenseArn",
 "SourceVersion"
],
 "members":{

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```

 "LicenseArn":{"shape":"Arn"},
 "SourceVersion":{"shape":"String"}
 }
},
"DeleteLicenseResponse":{
 "type":"structure",
 "members":{
 "Status":{"shape":"LicenseDeletionStatus"},
 "DeletionDate":{"shape":"ISO8601DateTime"}
 }
},
"DeleteTokenRequest":{
 "type":"structure",
 "required":["TokenId"],
 "members":{
 "TokenId":{"shape":"String"}
 }
},
"DeleteTokenResponse":{
 "type":"structure",
 "members":{
 }
},
"DigitalSignatureMethod":{
 "type":"string",
 "enum":["JWT_PS384"]
},
"Entitlement":{
 "type":"structure",
 "required":[
 "Name",
 "Unit"
],
 "members":{
 "Name":{"shape":"String"},
 "Value":{"shape":"String"},
 "MaxCount":{"shape":"Long"},
 "Overage":{"shape":"BoxBoolean"},
 "Unit":{"shape":"EntitlementUnit"},
 "AllowCheckIn":{"shape":"BoxBoolean"}
 }
},
"EntitlementData":{
 "type":"structure",
 "required":[
 "Name",
 "Unit"
]
}

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```

],
"members":{
 "Name":{"shape":"String"},
 "Value":{"shape":"String"},
 "Unit":{"shape":"EntitlementDataUnit"}
}
},
"EntitlementDataList":{
 "type":"list",
 "member":{"shape":"EntitlementData"}
},
"EntitlementDataUnit":{
 "type":"string",
 "enum":[
 "Count",
 "None",
 "Seconds",
 "Microseconds",
 "Milliseconds",
 "Bytes",
 "Kilobytes",

 "Megabytes",
 "Gigabytes",
 "Terabytes",
 "Bits",
 "Kilobits",
 "Megabits",
 "Gigabits",
 "Terabits",
 "Percent",
 "Bytes/Second",
 "Kilobytes/Second",
 "Megabytes/Second",
 "Gigabytes/Second",
 "Terabytes/Second",
 "Bits/Second",
 "Kilobits/Second",
 "Megabits/Second",
 "Gigabits/Second",
 "Terabits/Second",
 "Count/Second"
]
},
"EntitlementList":{
 "type":"list",
 "member":{"shape":"Entitlement"}
},

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"EntitlementNotAllowedException":{
 "type":"structure",
 "members":{
 "Message":{"shape":"Message"}
 },
 "exception":true
},
"EntitlementUnit":{
 "type":"string",
 "enum":[
 "Count",
 "None",
 "Seconds",
 "Microseconds",
 "Milliseconds",
 "Bytes",
 "Kilobytes",
 "Megabytes",
 "Gigabytes",
 "Terabytes",

"Bits",
 "Kilobits",
 "Megabits",
 "Gigabits",
 "Terabits",
 "Percent",
 "Bytes/Second",
 "Kilobytes/Second",
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 "Gigabytes/Second",
 "Terabytes/Second",
 "Bits/Second",
 "Kilobits/Second",
 "Megabits/Second",
 "Gigabits/Second",
 "Terabits/Second",
 "Count/Second"
]
},
"EntitlementUsage":{
 "type":"structure",
 "required":[
 "Name",
 "ConsumedValue",
 "Unit"
],
 "members":{

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 "Name":{"shape":"String"},
 "ConsumedValue":{"shape":"String"},
 "MaxCount":{"shape":"String"},
 "Unit":{"shape":"EntitlementDataUnit"}
 }
},
"EntitlementUsageList":{
 "type":"list",
 "member":{"shape":"EntitlementUsage"}
},
"ExtendLicenseConsumptionRequest":{
 "type":"structure",
 "required":["LicenseConsumptionToken"],
 "members":{
 "LicenseConsumptionToken":{"shape":"String"},
 "DryRun":{"shape":"Boolean"}
 }
},
"ExtendLicenseConsumptionResponse":{
 "type":"structure",
 "members":{
 "LicenseConsumptionToken":{"shape":"String"},
 "Expiration":{"shape":"ISO8601DateTime"}
 }
},
"FailedDependencyException":{
 "type":"structure",
 "members":{
 "Message":{"shape":"Message"},
 "ErrorCode":{"shape":"String"}
 },
 "exception":true
},
"Filter":{
 "type":"structure",
 "members":{
 "Name":{"shape":"FilterName"},
 "Values":{"shape":"FilterValues"}
 }
},
"FilterLimitExceededException":{
 "type":"structure",
 "members":{
 "Message":{"shape":"Message"}
 },
 "exception":true
},
"FilterList":{

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 "type":"list",
 "member":{"shape":"Filter"}
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 "FilterName":{"type":"string"},
 "FilterValue":{"type":"string"},
 "FilterValues":{"
 "type":"list",
 "member":{"shape":"FilterValue"}
 },
 "Filters":{"
 "type":"list",
 "member":{"shape":"Filter"}
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 "GetAccessTokenRequest":{"
 "type":"structure",
 "required":["Token"],
 "members":{"
 "Token":{"shape":"TokenString"},
 "TokenProperties":{"shape":"MaxSize3StringList"}
 }
 },
 "GetAccessTokenResponse":{"
 "type":"structure",
 "members":{"
 "AccessToken":{"shape":"TokenString"}
 }
 },
 "GetGrantRequest":{"
 "type":"structure",
 "required":["GrantArn"],
 "members":{"
 "GrantArn":{"shape":"Arn"},
 "Version":{"shape":"String"}
 }
 },
 "GetGrantResponse":{"
 "type":"structure",
 "members":{"
 "Grant":{"shape":"Grant"}
 }
 },
 "GetLicenseConfigurationRequest":{"
 "type":"structure",
 "required":["LicenseConfigurationArn"],
 "members":{"
 "LicenseConfigurationArn":{"shape":"String"}
 }
 },

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"GetLicenseConfigurationResponse":{
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 "members":{
 "LicenseConfigurationId":{"shape":"String"},
 "LicenseConfigurationArn":{"shape":"String"},
 "Name":{"shape":"String"},
 "Description":{"shape":"String"},
 "LicenseCountingType":{"shape":"LicenseCountingType"},
 "LicenseRules":{"shape":"StringList"},
 "LicenseCount":{"shape":"BoxLong"},
 "LicenseCountHardLimit":{"shape":"BoxBoolean"},
 "ConsumedLicenses":{"shape":"BoxLong"},
 "Status":{"shape":"String"},
 "OwnerAccountId":{"shape":"String"},
 "ConsumedLicenseSummaryList":{"shape":"ConsumedLicenseSummaryList"},
 "ManagedResourceSummaryList":{"shape":"ManagedResourceSummaryList"},
 "Tags":{"shape":"TagList"},
 "ProductInformationList":{"shape":"ProductInformationList"},
 "AutomatedDiscoveryInformation":{"shape":"AutomatedDiscoveryInformation"},
 "DisassociateWhenNotFound":{"shape":"BoxBoolean"}
 }
},
"GetLicenseConversionTaskRequest":{
 "type":"structure",
 "required":["LicenseConversionTaskId"],
 "members":{
 "LicenseConversionTaskId":{"shape":"LicenseConversionTaskId"}
 }
},
"GetLicenseConversionTaskResponse":{
 "type":"structure",
 "members":{
 "LicenseConversionTaskId":{"shape":"LicenseConversionTaskId"},
 "ResourceArn":{"shape":"String"},
 "SourceLicenseContext":{"shape":"LicenseConversionContext"},
 "DestinationLicenseContext":{"shape":"LicenseConversionContext"},
 "StatusMessage":{"shape":"String"},
 "Status":{"shape":"LicenseConversionTaskStatus"},
 "StartTime":{"shape":"DateTime"},
 "LicenseConversionTime":{"shape":"DateTime"},
 "EndTime":{"shape":"DateTime"}
 }
},
"GetLicenseManagerReportGeneratorRequest":{
 "type":"structure",
 "required":["LicenseManagerReportGeneratorArn"],
 "members":{
 "LicenseManagerReportGeneratorArn":{"shape":"String"}
 }
}

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```

 }
 },
 "GetLicenseManagerReportGeneratorResponse":{
 "type":"structure",
 "members":{
 "ReportGenerator":{"shape":"ReportGenerator"}
 }
 },
 "GetLicenseRequest":{
 "type":"structure",
 "required":["LicenseArn"],
 "members":{
 "LicenseArn":{"shape":"Arn"},
 "Version":{"shape":"String"}
 }
 },
 "GetLicenseResponse":{
 "type":"structure",
 "members":{
 "License":{"shape":"License"}
 }
 },
 "GetLicenseUsageRequest":{
 "type":"structure",
 "required":["LicenseArn"],
 "members":{
 "LicenseArn":{"shape":"Arn"}
 }
 },
 "GetLicenseUsageResponse":{
 "type":"structure",
 "members":{
 "LicenseUsage":{"shape":"LicenseUsage"}
 }
 },
 "GetServiceSettingsRequest":{
 "type":"structure",
 "members":{
 }
 },
 "GetServiceSettingsResponse":{
 "type":"structure",
 "members":{
 "S3BucketArn":{"shape":"String"},
 "SnsTopicArn":{"shape":"String"},
 "OrganizationConfiguration":{"shape":"OrganizationConfiguration"},
 "EnableCrossAccountsDiscovery":{"shape":"BoxBoolean"},
 "LicenseManagerResourceShareArn":{"shape":"String"}
 }
 }
}

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```

 }
 },
 "Grant":{
 "type":"structure",
 "required":[
 "GrantArn",
 "GrantName",
 "ParentArn",
 "LicenseArn",
 "GranteePrincipalArn",
 "HomeRegion",
 "GrantStatus",
 "Version",
 "GrantedOperations"
],
 "members":{
 "GrantArn":{"shape":"Arn"},
 "GrantName":{"shape":"String"},
 "ParentArn":{"shape":"Arn"},
 "LicenseArn":{"shape":"Arn"},
 "GranteePrincipalArn":{"shape":"Arn"},
 "HomeRegion":{"shape":"String"},
 "GrantStatus":{"shape":"GrantStatus"},
 "StatusReason":{"shape":"StatusReasonMessage"},
 "Version":{"shape":"String"},
 "GrantedOperations":{"shape":"AllowedOperationList"},
 "Options":{"shape":"Options"}
 }
 },
 "GrantList":{
 "type":"list",
 "member":{"shape":"Grant"}
 },
 "GrantStatus":{
 "type":"string",
 "enum":[
 "PENDING_WORKFLOW",
 "PENDING_ACCEPT",
 "REJECTED",
 "ACTIVE",
 "FAILED_WORKFLOW",
 "DELETED",
 "PENDING_DELETE",
 "DISABLED",
 "WORKFLOW_COMPLETED"
]
 },
 "GrantedLicense":{

```

```

"type":"structure",
"members":{
 "LicenseArn":{"shape":"Arn"},
 "LicenseName":{"shape":"String"},
 "ProductName":{"shape":"String"},
 "ProductSKU":{"shape":"String"},
 "Issuer":{"shape":"IssuerDetails"},
 "HomeRegion":{"shape":"String"},
 "Status":{"shape":"LicenseStatus"},
 "Validity":{"shape":"DatetimeRange"},
 "Beneficiary":{"shape":"String"},
 "Entitlements":{"shape":"EntitlementList"},
 "ConsumptionConfiguration":{"shape":"ConsumptionConfiguration"},

 "LicenseMetadata":{"shape":"MetadataList"},
 "CreateTime":{"shape":"ISO8601DateTime"},
 "Version":{"shape":"String"},
 "ReceivedMetadata":{"shape":"ReceivedMetadata"}
},
"GrantedLicenseList":{
 "type":"list",
 "member":{"shape":"GrantedLicense"}
},
"ISO8601DateTime":{
 "type":"string",
 "max":50,
 "pattern":"^(?:([1-9][0-9]*)?0[0-9]{4})-(1[0-2]|0[1-9])-(3[0-1]|0[1-9]|1-2[0-9])T(2[0-3]|[0-1][0-9]):([0-5][0-9]):([0-5][0-9])(\\.[0-9]+)?(Z|[+](?:2[0-3]|[0-1][0-9]):[0-5][0-9]+)$"
},
"Integer":{"type":"integer"},
"InvalidParameterValueException":{
 "type":"structure",
 "members":{
 "Message":{"shape":"Message"}
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 "exception":true,
 "synthetic":true
},
"InvalidResourceStateException":{
 "type":"structure",
 "members":{
 "Message":{"shape":"Message"}
 },
 "exception":true
},
"InventoryFilter":{
 "type":"structure",

```

```

"required":[
 "Name",
 "Condition"
],
"members":{
 "Name":{"shape":"String"},
 "Condition":{"shape":"InventoryFilterCondition"},
 "Value":{"shape":"String"}
}
},
"InventoryFilterCondition":{
 "type":"string",
 "enum":[
 "EQUALS",
 "NOT_EQUALS",
 "BEGINS_WITH",
 "CONTAINS"
]
},
"InventoryFilterList":{
 "type":"list",
 "member":{"shape":"InventoryFilter"}
},
"Issuer":{
 "type":"structure",
 "required":["Name"],
 "members":{
 "Name":{"shape":"String"},
 "SignKey":{"shape":"String"}
 }
},
"IssuerDetails":{
 "type":"structure",
 "members":{
 "Name":{"shape":"String"},
 "SignKey":{"shape":"String"},
 "KeyFingerprint":{"shape":"String"}
 }
},
"License":{
 "type":"structure",
 "members":{
 "LicenseArn":{"shape":"Arn"},
 "LicenseName":{"shape":"String"},
 "ProductName":{"shape":"String"},
 "ProductSKU":{"shape":"String"},
 "Issuer":{"shape":"IssuerDetails"},

```

```

 "HomeRegion":{"shape":"String"},
 "Status":{"shape":"LicenseStatus"},
 "Validity":{"shape":"DatetimeRange"},
 "Beneficiary":{"shape":"String"},
 "Entitlements":{"shape":"EntitlementList"},
 "ConsumptionConfiguration":{"shape":"ConsumptionConfiguration"},
 "LicenseMetadata":{"shape":"MetadataList"},
 "CreateTime":{"shape":"ISO8601DateTime"},
 "Version":{"shape":"String"}
 }
},
"LicenseConfiguration":{
 "type":"structure",
 "members":{
 "LicenseConfigurationId":{"shape":"String"},
 "LicenseConfigurationArn":{"shape":"String"},
 "Name":{"shape":"String"},
 "Description":{"shape":"String"},
 "LicenseCountingType":{"shape":"LicenseCountingType"},
 "LicenseRules":{"shape":"StringList"},
 "LicenseCount":{"shape":"BoxLong"},
 "LicenseCountHardLimit":{"shape":"BoxBoolean"},
 "DisassociateWhenNotFound":{"shape":"BoxBoolean"},
 "ConsumedLicenses":{"shape":"BoxLong"},
 "Status":{"shape":"String"},
 "OwnerAccountId":{"shape":"String"},
 "ConsumedLicenseSummaryList":{"shape":"ConsumedLicenseSummaryList"},
 "ManagedResourceSummaryList":{"shape":"ManagedResourceSummaryList"},
 "ProductInformationList":{"shape":"ProductInformationList"},
 "AutomatedDiscoveryInformation":{"shape":"AutomatedDiscoveryInformation"}
 }
},
"LicenseConfigurationAssociation":{
 "type":"structure",
 "members":{
 "ResourceArn":{"shape":"String"},
 "ResourceType":{"shape":"ResourceType"},
 "ResourceOwnerId":{"shape":"String"},
 "AssociationTime":{"shape":"DateTime"},
 "AmiAssociationScope":{"shape":"String"}
 }
},
"LicenseConfigurationAssociations":{
 "type":"list",
 "member":{"shape":"LicenseConfigurationAssociation"}
},
"LicenseConfigurationStatus":{
 "type":"string",

```

```

"enum":[
 "AVAILABLE",
 "DISABLED"
]
},
"LicenseConfigurationUsage":{
 "type":"structure",
 "members":{
 "ResourceArn":{"shape":"String"},
 "ResourceType":{"shape":"ResourceType"},
 "ResourceStatus":{"shape":"String"},
 "ResourceOwnerId":{"shape":"String"},
 "AssociationTime":{"shape":"DateTime"},
 "ConsumedLicenses":{"shape":"BoxLong"}
 }
},
"LicenseConfigurationUsageList":{
 "type":"list",
 "member":{"shape":"LicenseConfigurationUsage"}
},
"LicenseConfigurations":{
 "type":"list",
 "member":{"shape":"LicenseConfiguration"}
},
"LicenseConversionContext":{
 "type":"structure",
 "members":{
 "UsageOperation":{"shape":"UsageOperation"}
 }
},
"LicenseConversionTask":{
 "type":"structure",
 "members":{
 "LicenseConversionTaskId":{"shape":"LicenseConversionTaskId"},
 "ResourceArn":{"shape":"String"},
 "SourceLicenseContext":{"shape":"LicenseConversionContext"},
 "DestinationLicenseContext":{"shape":"LicenseConversionContext"},
 "Status":{"shape":"LicenseConversionTaskStatus"},
 "StatusMessage":{"shape":"String"},
 "StartTime":{"shape":"DateTime"},
 "LicenseConversionTime":{"shape":"DateTime"},
 "EndTime":{"shape":"DateTime"}
 }
},
"LicenseConversionTaskId":{
 "type":"string",
 "max":50,
 "pattern":"^lct-[a-zA-Z0-9]*"

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```

},
"LicenseConversionTaskStatus":{
 "type":"string",
 "enum":[
 "IN_PROGRESS",
 "SUCCEEDED",
 "FAILED"
]
},
"LicenseConversionTasks":{
 "type":"list",
 "member":{"shape":"LicenseConversionTask"}
},
"LicenseCountingType":{
 "type":"string",
 "enum":[
 "vCPU",
 "Instance",
 "Core",
 "Socket"
]
},
"LicenseDeletionStatus":{
 "type":"string",
 "enum":[
 "PENDING_DELETE",
 "DELETED"
]
},
"LicenseList":{
 "type":"list",
 "member":{"shape":"License"}
},
"LicenseOperationFailure":{
 "type":"structure",
 "members":{
 "ResourceArn":{"shape":"String"},
 "ResourceType":{"shape":"ResourceType"},
 "ErrorMessage":{"shape":"String"},
 "FailureTime":{"shape":"DateTime"},
 "OperationName":{"shape":"String"},
 "ResourceOwnerId":{"shape":"String"},
 "OperationRequestedBy":{"shape":"String"},
 "MetadataList":{"shape":"MetadataList"}
 }
},
"LicenseOperationFailureList":{
 "type":"list",

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```

"member":{"shape":"LicenseOperationFailure"}
},
"LicenseSpecification":{
 "type":"structure",
 "required":["LicenseConfigurationArn"],
 "members":{
 "LicenseConfigurationArn":{"shape":"String"},
 "AmiAssociationScope":{"shape":"String"}
 }
},
"LicenseSpecifications":{
 "type":"list",
 "member":{"shape":"LicenseSpecification"}
},
"LicenseStatus":{
 "type":"string",
 "enum":[
 "AVAILABLE",
 "PENDING_AVAILABLE",
 "DEACTIVATED",
 "SUSPENDED",
 "EXPIRED",
 "PENDING_DELETE",
 "DELETED"
]
},
"LicenseUsage":{
 "type":"structure",
 "members":{
 "EntitlementUsages":{"shape":"EntitlementUsageList"}
 }
},
"LicenseUsageException":{
 "type":"structure",
 "members":{
 "Message":{"shape":"Message"}
 },
 "exception":true
},
"ListAssociationsForLicenseConfigurationRequest":{
 "type":"structure",
 "required":["LicenseConfigurationArn"],
 "members":{
 "LicenseConfigurationArn":{"shape":"String"},
 "MaxResults":{"shape":"BoxInteger"},
 "NextToken":{"shape":"String"}
 }
},

```

```

"ListAssociationsForLicenseConfigurationResponse":{
 "type":"structure",
 "members":{
 "LicenseConfigurationAssociations":{"shape":"LicenseConfigurationAssociations"},
 "NextToken":{"shape":"String"}
 }
},
"ListDistributedGrantsRequest":{
 "type":"structure",
 "members":{
 "GrantArns":{"shape":"ArnList"},
 "Filters":{"shape":"FilterList"},
 "NextToken":{"shape":"String"},
 "MaxResults":{"shape":"MaxSize100"}
 }
},
"ListDistributedGrantsResponse":{
 "type":"structure",
 "members":{
 "Grants":{"shape":"GrantList"},
 "NextToken":{"shape":"String"}
 }
},
"ListFailuresForLicenseConfigurationOperationsRequest":{
 "type":"structure",
 "required":["LicenseConfigurationArn"],
 "members":{
 "LicenseConfigurationArn":{"shape":"String"},
 "MaxResults":{"shape":"BoxInteger"},
 "NextToken":{"shape":"String"}
 }
},
"ListFailuresForLicenseConfigurationOperationsResponse":{
 "type":"structure",
 "members":{
 "LicenseOperationFailureList":{"shape":"LicenseOperationFailureList"},
 "NextToken":{"shape":"String"}
 }
},
"ListLicenseConfigurationsRequest":{
 "type":"structure",
 "members":{
 "LicenseConfigurationArns":{"shape":"StringList"},
 "MaxResults":{"shape":"BoxInteger"},
 "NextToken":{"shape":"String"},
 "Filters":{"shape":"Filters"}
 }
},

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```

"ListLicenseConfigurationsResponse":{
 "type":"structure",
 "members":{
 "LicenseConfigurations":{"shape":"LicenseConfigurations"},
 "NextToken":{"shape":"String"}
 }
},
"ListLicenseConversionTasksRequest":{
 "type":"structure",
 "members":{
 "NextToken":{"shape":"String"},
 "MaxResults":{"shape":"BoxInteger"},
 "Filters":{"shape":"Filters"}
 }
},
"ListLicenseConversionTasksResponse":{
 "type":"structure",
 "members":{
 "LicenseConversionTasks":{"shape":"LicenseConversionTasks"},
 "NextToken":{"shape":"String"}
 }
},
"ListLicenseManagerReportGeneratorsRequest":{
 "type":"structure",
 "members":{
 "Filters":{"shape":"FilterList"},
 "NextToken":{"shape":"String"},
 "MaxResults":{"shape":"MaxSize100"}
 }
},
"ListLicenseManagerReportGeneratorsResponse":{
 "type":"structure",
 "members":{
 "ReportGenerators":{"shape":"ReportGeneratorList"},
 "NextToken":{"shape":"String"}
 }
},
"ListLicenseSpecificationsForResourceRequest":{
 "type":"structure",
 "required":["ResourceArn"],
 "members":{
 "ResourceArn":{"shape":"String"},
 "MaxResults":{"shape":"BoxInteger"},
 "NextToken":{"shape":"String"}
 }
},
"ListLicenseSpecificationsForResourceResponse":{
 "type":"structure",

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```

"members":{
 "LicenseSpecifications":{"shape":"LicenseSpecifications"},
 "NextToken":{"shape":"String"}
}
},
"ListLicenseVersionsRequest":{
 "type":"structure",
 "required":["LicenseArn"],
 "members":{
 "LicenseArn":{"shape":"Arn"},
 "NextToken":{"shape":"String"},
 "MaxResults":{"shape":"MaxSize100"}
 }
},
"ListLicenseVersionsResponse":{
 "type":"structure",
 "members":{
 "Licenses":{"shape":"LicenseList"},
 "NextToken":{"shape":"String"}
 }
},
"ListLicensesRequest":{
 "type":"structure",
 "members":{
 "LicenseArns":{"shape":"ArnList"},
 "Filters":{"shape":"FilterList"},
 "NextToken":{"shape":"String"},
 "MaxResults":{"shape":"MaxSize100"}
 }
},
"ListLicensesResponse":{
 "type":"structure",
 "members":{
 "Licenses":{"shape":"LicenseList"},
 "NextToken":{"shape":"String"}
 }
},
"ListReceivedGrantsForOrganizationRequest":{
 "type":"structure",
 "required":["LicenseArn"],
 "members":{
 "LicenseArn":{"shape":"Arn"},
 "Filters":{"shape":"FilterList"},
 "NextToken":{"shape":"String"},
 "MaxResults":{"shape":"MaxSize100"}
 }
},

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"ListReceivedGrantsForOrganizationResponse":{
 "type":"structure",
 "members":{
 "Grants":{"shape":"GrantList"},
 "NextToken":{"shape":"String"}
 }
},
"ListReceivedGrantsRequest":{
 "type":"structure",
 "members":{
 "GrantArns":{"shape":"ArnList"},
 "Filters":{"shape":"FilterList"},
 "NextToken":{"shape":"String"},
 "MaxResults":{"shape":"MaxSize100"}
 }
},
"ListReceivedGrantsResponse":{
 "type":"structure",
 "members":{
 "Grants":{"shape":"GrantList"},
 "NextToken":{"shape":"String"}
 }
},
"ListReceivedLicensesForOrganizationRequest":{
 "type":"structure",
 "members":{
 "Filters":{"shape":"FilterList"},
 "NextToken":{"shape":"String"},
 "MaxResults":{"shape":"MaxSize100"}
 }
},
"ListReceivedLicensesForOrganizationResponse":{
 "type":"structure",
 "members":{
 "Licenses":{"shape":"GrantedLicenseList"},
 "NextToken":{"shape":"String"}
 }
},
"ListReceivedLicensesRequest":{
 "type":"structure",
 "members":{
 "LicenseArns":{"shape":"ArnList"},
 "Filters":{"shape":"FilterList"},
 "NextToken":{"shape":"String"},
 "MaxResults":{"shape":"MaxSize100"}
 }
},
"ListReceivedLicensesResponse":{

```

```

"type":"structure",
"members":{
 "Licenses":{"shape":"GrantedLicenseList"},
 "NextToken":{"shape":"String"}
}
},
>ListResourceInventoryRequest:{
"type":"structure",
"members":{
 "MaxResults":{"shape":"BoxInteger"},
 "NextToken":{"shape":"String"},
 "Filters":{"shape":"InventoryFilterList"}
}
},
>ListResourceInventoryResponse:{
"type":"structure",
"members":{
 "ResourceInventoryList":{"shape":"ResourceInventoryList"},
 "NextToken":{"shape":"String"}
}
},
>ListTagsForResourceRequest:{
"type":"structure",
"required":["ResourceArn"],
"members":{
 "ResourceArn":{"shape":"String"}
}
},
>ListTagsForResourceResponse:{
"type":"structure",
"members":{
 "Tags":{"shape":"TagList"}
}
},
>ListTokensRequest:{
"type":"structure",
"members":{
 "TokenIds":{"shape":"StringList"},
 "Filters":{"shape":"FilterList"},
 "NextToken":{"shape":"String"},
 "MaxResults":{"shape":"MaxSize100"}
}
},
>ListTokensResponse:{
"type":"structure",
"members":{
 "Tokens":{"shape":"TokenList"},
 "NextToken":{"shape":"String"}
}

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```

 }
 },
 "ListUsageForLicenseConfigurationRequest":{
 "type":"structure",
 "required":["LicenseConfigurationArn"],
 "members":{
 "LicenseConfigurationArn":{"shape":"String"},
 "MaxResults":{"shape":"BoxInteger"},
 "NextToken":{"shape":"String"},
 "Filters":{"shape":"Filters"}
 }
 },
 "ListUsageForLicenseConfigurationResponse":{
 "type":"structure",
 "members":{
 "LicenseConfigurationUsageList":{"shape":"LicenseConfigurationUsageList"},
 "NextToken":{"shape":"String"}
 }
 },
 "Location":{"type":"string"},
 "Long":{"type":"long"},
 "ManagedResourceSummary":{
 "type":"structure",
 "members":{
 "ResourceType":{"shape":"ResourceType"},
 "AssociationCount":{"shape":"BoxLong"}
 }
 },
 "ManagedResourceSummaryList":{
 "type":"list",
 "member":{"shape":"ManagedResourceSummary"}
 },
 "MaxSize100":{
 "type":"integer",
 "max":100,
 "min":1
 },
 "MaxSize3StringList":{
 "type":"list",
 "member":{"shape":"String"},
 "max":3
 },
 "Message":{"type":"string"},
 "Metadata":{
 "type":"structure",
 "members":{
 "Name":{"shape":"String"},
 "Value":{"shape":"String"}
 }
 }
}

```

```

 }
 },
 "MetadataList":{
 "type":"list",
 "member":{"shape":"Metadata"}
 },
 "NoEntitlementsAllowedException":{
 "type":"structure",
 "members":{
 "Message":{"shape":"Message"}
 },
 "exception":true
 },
 "Options":{
 "type":"structure",
 "members":{
 "ActivationOverrideBehavior":{"shape":"ActivationOverrideBehavior"}
 }
 },
 "OrganizationConfiguration":{
 "type":"structure",
 "required":["EnableIntegration"],
 "members":{
 "EnableIntegration":{"shape":"Boolean"}
 }
 },
 "PrincipalArnList":{
 "type":"list",
 "member":{"shape":"Arn"},
 "max":1,
 "min":1
 },
 "ProductInformation":{
 "type":"structure",
 "required":[
 "ResourceType",
 "ProductInformationFilterList"
],
 "members":{
 "ResourceType":{"shape":"String"},
 "ProductInformationFilterList":{"shape":"ProductInformationFilterList"}
 }
 },
 "ProductInformationFilter":{
 "type":"structure",
 "required":[
 "ProductInformationFilterName",
 "ProductInformationFilterComparator"
]
 }

```

```

],
"members":{
 "ProductInformationFilterName":{"shape":"String"},
 "ProductInformationFilterValue":{"shape":"StringList"},
 "ProductInformationFilterComparator":{"shape":"String"}
}
},
"ProductInformationFilterList":{
 "type":"list",
 "member":{"shape":"ProductInformationFilter"}
},
"ProductInformationList":{
 "type":"list",
 "member":{"shape":"ProductInformation"}
},
"ProvisionalConfiguration":{
 "type":"structure",
 "required":["MaxTimeToLiveInMinutes"],
 "members":{
 "MaxTimeToLiveInMinutes":{"shape":"BoxInteger"}
 }
},
"RateLimitExceededException":{
 "type":"structure",
 "members":{
 "Message":{"shape":"Message"}
 },
 "exception":true
},
"ReceivedMetadata":{
 "type":"structure",
 "members":{
 "ReceivedStatus":{"shape":"ReceivedStatus"},
 "ReceivedStatusReason":{"shape":"StatusReasonMessage"},
 "AllowedOperations":{"shape":"AllowedOperationList"}
 }
},
"ReceivedStatus":{
 "type":"string",
 "enum":[
 "PENDING_WORKFLOW",
 "PENDING_ACCEPT",
 "REJECTED",
 "ACTIVE",
 "FAILED_WORKFLOW",
 "DELETED",
 "DISABLED",
 "WORKFLOW_COMPLETED"

```

```

]
},
"RedirectException":{
 "type":"structure",
 "members":{
 "Location":{"shape":"Location"},
 "Message":{"shape":"Message"}
 },
 "exception":true
},
"RejectGrantRequest":{
 "type":"structure",
 "required":["GrantArn"],
 "members":{
 "GrantArn":{"shape":"Arn"}
 }
},
"RejectGrantResponse":{
 "type":"structure",
 "members":{
 "GrantArn":{"shape":"Arn"},
 "Status":{"shape":"GrantStatus"},
 "Version":{"shape":"String"}
 }
},
"RenewType":{
 "type":"string",
 "enum":[
 "None",
 "Weekly",
 "Monthly"
]
},
"ReportContext":{
 "type":"structure",
 "required":["licenseConfigurationArns"],
 "members":{
 "licenseConfigurationArns":{"shape":"ArnList"}
 }
},
"ReportFrequency":{
 "type":"structure",
 "members":{
 "value":{"shape":"Integer"},
 "period":{"shape":"ReportFrequencyType"}
 }
},
"ReportFrequencyType":{

```

```

"type":"string",
"enum":[
 "DAY",
 "WEEK",
 "MONTH"
]
},
"ReportGenerator":{
"type":"structure",
"members":{
 "ReportGeneratorName":{"shape":"String"},
 "ReportType":{"shape":"ReportTypeList"},
 "ReportContext":{"shape":"ReportContext"},
 "ReportFrequency":{"shape":"ReportFrequency"},
 "LicenseManagerReportGeneratorArn":{"shape":"String"},
 "LastRunStatus":{"shape":"String"},
 "LastRunFailureReason":{"shape":"String"},
 "LastReportGenerationTime":{"shape":"String"},
 "ReportCreatorAccount":{"shape":"String"},
 "Description":{"shape":"String"},
 "S3Location":{"shape":"S3Location"},
 "CreateTime":{"shape":"String"},
 "Tags":{"shape":"TagList"}
}
},
"ReportGeneratorList":{
"type":"list",
"member":{"shape":"ReportGenerator"}
},
"ReportGeneratorName":{
"type":"string",
"max":100,
"min":1
},
"ReportType":{
"type":"string",
"enum":[
 "LicenseConfigurationSummaryReport",
 "LicenseConfigurationUsageReport"
]
},
"ReportTypeList":{
"type":"list",
"member":{"shape":"ReportType"}
},
"ResourceInventory":{
"type":"structure",
"members":{

```

```

 "ResourceId":{"shape":"String"},
 "ResourceType":{"shape":"ResourceType"},
 "ResourceArn":{"shape":"String"},
 "Platform":{"shape":"String"},
 "PlatformVersion":{"shape":"String"},
 "ResourceOwningAccountId":{"shape":"String"}
 }
},
"ResourceInventoryList":{
 "type":"list",
 "member":{"shape":"ResourceInventory"}
},
"ResourceLimitExceededException":{
 "type":"structure",
 "members":{
 "Message":{"shape":"Message"}
 },
 "exception":true
},
"ResourceNotFoundException":{
 "type":"structure",
 "members":{
 "Message":{"shape":"Message"}
 },
 "exception":true
},
"ResourceType":{
 "type":"string",
 "enum":[
 "EC2_INSTANCE",
 "EC2_HOST",
 "EC2_AMI",
 "RDS",
 "SYSTEMS_MANAGER_MANAGED_INSTANCE"
]
},
"S3Location":{
 "type":"structure",
 "members":{
 "bucket":{"shape":"String"},
 "keyPrefix":{"shape":"String"}
 }
},
"ServerInternalException":{
 "type":"structure",
 "members":{
 "Message":{"shape":"Message"}
 }
}

```

```

 },
 "exception":true,
 "fault":true
 },
 "SignedToken":{
 "type":"string",
 "min":4096
 },
 "StatusReasonMessage":{
 "type":"string",
 "max":400,
 "pattern":"[\\s\\S]+"
 },
 "String":{"type":"string"},
 "StringList":{
 "type":"list",
 "member":{"shape":"String"}
 },
 "Tag":{
 "type":"structure",
 "members":{
 "Key":{"shape":"String"},
 "Value":{"shape":"String"}
 }
 },
 "TagKeyList":{
 "type":"list",
 "member":{"shape":"String"}
 },
 "TagList":{
 "type":"list",
 "member":{"shape":"Tag"}
 },
 "TagResourceRequest":{
 "type":"structure",
 "required":[
 "ResourceArn",
 "Tags"
],
 "members":{
 "ResourceArn":{"shape":"String"},
 "Tags":{"shape":"TagList"}
 }
 },
 "TagResourceResponse":{
 "type":"structure",
 "members":{

```

```

},
"TokenData":{
 "type":"structure",
 "members":{
 "TokenId":{"shape":"String"},
 "TokenType":{"shape":"String"},
 "LicenseArn":{"shape":"String"},
 "ExpirationTime":{"shape":"ISO8601DateTime"},
 "TokenProperties":{"shape":"MaxSize3StringList"},
 "RoleArns":{"shape":"ArnList"},
 "Status":{"shape":"String"}
 }
},
"TokenList":{
 "type":"list",
 "member":{"shape":"TokenData"}
},
"TokenString":{
 "type":"string",
 "max":4096,
 "pattern":"\\S+"
},
"TokenType":{
 "type":"string",
 "enum":["REFRESH_TOKEN"]
},
"UnsupportedDigitalSignatureMethodException":{
 "type":"structure",
 "members":{
 "Message":{"shape":"Message"}
 },
 "exception":true
},
"UntagResourceRequest":{
 "type":"structure",
 "required":[
 "ResourceArn",
 "TagKeys"
],
 "members":{
 "ResourceArn":{"shape":"String"},
 "TagKeys":{"shape":"TagKeyList"}
 }
},
"UntagResourceResponse":{
 "type":"structure",
 "members":{
 }
}

```

```

},
"UpdateLicenseConfigurationRequest":{
 "type":"structure",
 "required":["LicenseConfigurationArn"],
 "members":{
 "LicenseConfigurationArn":{"shape":"String"},
 "LicenseConfigurationStatus":{"shape":"LicenseConfigurationStatus"},
 "LicenseRules":{"shape":"StringList"},
 "LicenseCount":{"shape":"BoxLong"},
 "LicenseCountHardLimit":{"shape":"BoxBoolean"},
 "Name":{"shape":"String"},
 "Description":{"shape":"String"},
 "ProductInformationList":{"shape":"ProductInformationList"},
 "DisassociateWhenNotFound":{"shape":"BoxBoolean"}
 }
},
"UpdateLicenseConfigurationResponse":{
 "type":"structure",
 "members":{
 }
},
"UpdateLicenseManagerReportGeneratorRequest":{
 "type":"structure",
 "required":[
 "LicenseManagerReportGeneratorArn",
 "ReportGeneratorName",
 "Type",
 "ReportContext",
 "ReportFrequency",
 "ClientToken"
],
 "members":{
 "LicenseManagerReportGeneratorArn":{"shape":"String"},
 "ReportGeneratorName":{"shape":"ReportGeneratorName"},
 "Type":{"shape":"ReportTypeList"},
 "ReportContext":{"shape":"ReportContext"},
 "ReportFrequency":{"shape":"ReportFrequency"},
 "ClientToken":{"shape":"ClientRequestToken"},
 "Description":{"shape":"String"}
 }
},
"UpdateLicenseManagerReportGeneratorResponse":{
 "type":"structure",
 "members":{
 }
},
"UpdateLicenseSpecificationsForResourceRequest":{
 "type":"structure",

```

```

"required":["ResourceArn"],
"members":{
 "ResourceArn":{"shape":"String"},
 "AddLicenseSpecifications":{"shape":"LicenseSpecifications"},
 "RemoveLicenseSpecifications":{"shape":"LicenseSpecifications"}
}
},
"UpdateLicenseSpecificationsForResourceResponse":{
 "type":"structure",
 "members":{
 }
},
"UpdateServiceSettingsRequest":{
 "type":"structure",
 "members":{
 "S3BucketArn":{"shape":"String"},
 "SnsTopicArn":{"shape":"String"},
 "OrganizationConfiguration":{"shape":"OrganizationConfiguration"},
 "EnableCrossAccountsDiscovery":{"shape":"BoxBoolean"}
 }
},
"UpdateServiceSettingsResponse":{
 "type":"structure",
 "members":{
 }
},
"UsageOperation":{
 "type":"string",
 "max":50
},
"ValidationException":{
 "type":"structure",
 "members":{
 "Message":{"shape":"Message"}
 },
 "exception":true
}
}
}
{
"version":"2.0",
"metadata":{
 "apiVersion":"2018-05-10",
 "endpointPrefix":"license-manager-linux-subscriptions",
 "jsonVersion":"1.1",
 "protocol":"rest-json",
 "serviceFullName":"AWS License Manager Linux Subscriptions",
 "serviceId":"License Manager Linux Subscriptions",

```

```

"signatureVersion":"v4",
"signingName":"license-manager-linux-subscriptions",
"uid":"license-manager-linux-subscriptions-2018-05-10"
},
"operations":{
 "GetServiceSettings":{
 "name":"GetServiceSettings",
 "http":{
 "method":"POST",
 "requestUri":"/subscription/GetServiceSettings",
 "responseCode":200
 },
 "input":{"shape":"GetServiceSettingsRequest"},
 "output":{"shape":"GetServiceSettingsResponse"},
 "errors":[
 {"shape":"InternalServerError"},
 {"shape":"ThrottlingException"},
 {"shape":"ValidationException"}
],
 "idempotent":true
 },
 "ListLinuxSubscriptionInstances":{
 "name":"ListLinuxSubscriptionInstances",
 "http":{
 "method":"POST",
 "requestUri":"/subscription/ListLinuxSubscriptionInstances",
 "responseCode":200
 },
 "input":{"shape":"ListLinuxSubscriptionInstancesRequest"},
 "output":{"shape":"ListLinuxSubscriptionInstancesResponse"},
 "errors":[
 {"shape":"InternalServerError"},
 {"shape":"ThrottlingException"},
 {"shape":"ValidationException"}
],
 "idempotent":true
 },
 "ListLinuxSubscriptions":{
 "name":"ListLinuxSubscriptions",
 "http":{
 "method":"POST",
 "requestUri":"/subscription/ListLinuxSubscriptions",
 "responseCode":200
 },
 "input":{"shape":"ListLinuxSubscriptionsRequest"},
 "output":{"shape":"ListLinuxSubscriptionsResponse"},
 "errors":[
 {"shape":"InternalServerError"},

```

```

 {"shape":"ThrottlingException"},
 {"shape":"ValidationException"}
],
 "idempotent":true
},
"UpdateServiceSettings":{
 "name":"UpdateServiceSettings",
 "http":{
 "method":"POST",
 "requestUri":"/subscription/UpdateServiceSettings",
 "responseCode":200
 },
 "input":{"shape":"UpdateServiceSettingsRequest"},
 "output":{"shape":"UpdateServiceSettingsResponse"},
 "errors":[
 {"shape":"InternalServerError"},
 {"shape":"ThrottlingException"},
 {"shape":"ValidationException"}
],
 "idempotent":true
}
},
"shapes":{
 "Boolean":{
 "type":"boolean",
 "box":true
 },
 "BoxInteger":{
 "type":"integer",
 "box":true
 },
 "BoxLong":{
 "type":"long",
 "box":true
 },
 "Filter":{
 "type":"structure",
 "members":{
 "Name":{"shape":"String"},
 "Operator":{"shape":"Operator"},
 "Values":{"shape":"StringList"}
 }
 },
 "FilterList":{
 "type":"list",
 "member":{"shape":"Filter"}
 },
}

```

```

"GetServiceSettingsRequest":{
 "type":"structure",
 "members":{
 }
},
"GetServiceSettingsResponse":{
 "type":"structure",
 "members":{
 "HomeRegions":{"shape":"StringList"},
 "LinuxSubscriptionsDiscovery":{"shape":"LinuxSubscriptionsDiscovery"},
 "LinuxSubscriptionsDiscoverySettings":{"shape":"LinuxSubscriptionsDiscoverySettings"},
 "Status":{"shape":"Status"},
 "StatusMessage":{"shape":"StringMap"}
 }
},
"Instance":{
 "type":"structure",
 "members":{
 "AccountID":{"shape":"String"},
 "AmiId":{"shape":"String"},
 "InstanceID":{"shape":"String"},
 "InstanceType":{"shape":"String"},
 "LastUpdatedTime":{"shape":"String"},
 "ProductCode":{"shape":"ProductCodeList"},
 "Region":{"shape":"String"},
 "Status":{"shape":"String"},
 "SubscriptionName":{"shape":"String"},
 "UsageOperation":{"shape":"String"}
 }
},
"InstanceList":{
 "type":"list",
 "member":{"shape":"Instance"}
},
"InternalServerError":{
 "type":"structure",
 "members":{
 "message":{"shape":"String"}
 },
 "exception":true,
 "fault":true
},
"LinuxSubscriptionsDiscovery":{
 "type":"string",
 "enum":[
 "Enabled",
 "Disabled"
]
}

```

```

]
},
"LinuxSubscriptionsDiscoverySettings":{
 "type":"structure",
 "required":[
 "OrganizationIntegration",
 "SourceRegions"
],
 "members":{
 "OrganizationIntegration":{"shape":"OrganizationIntegration"},
 "SourceRegions":{"shape":"StringList"}
 }
},
"ListLinuxSubscriptionInstancesRequest":{
 "type":"structure",
 "members":{
 "Filters":{"shape":"FilterList"},
 "MaxResults":{"shape":"BoxInteger"},
 "NextToken":{"shape":"ListLinuxSubscriptionInstancesRequestNextTokenString"}
 }
},
"ListLinuxSubscriptionInstancesRequestNextTokenString":{
 "type":"string",
 "max":16384,
 "min":1
},
"ListLinuxSubscriptionInstancesResponse":{
 "type":"structure",
 "members":{
 "Instances":{"shape":"InstanceList"},
 "NextToken":{"shape":"String"}
 }
},
"ListLinuxSubscriptionsRequest":{
 "type":"structure",
 "members":{
 "Filters":{"shape":"FilterList"},
 "MaxResults":{"shape":"BoxInteger"},
 "NextToken":{"shape":"ListLinuxSubscriptionsRequestNextTokenString"}
 }
},
"ListLinuxSubscriptionsRequestNextTokenString":{
 "type":"string",
 "max":16384,
 "min":1
},
"ListLinuxSubscriptionsResponse":{
 "type":"structure",

```

```

"members":{
 "NextToken":{"shape":"String"},
 "Subscriptions":{"shape":"SubscriptionList"}
}
},
"Operator":{
 "type":"string",
 "enum":[
 "Equal",
 "NotEqual",
 "Contains"
],
 "max":20,
 "min":1
},
"OrganizationIntegration":{
 "type":"string",
 "enum":[
 "Enabled",
 "Disabled"
]
},
"ProductCodeList":{
 "type":"list",
 "member":{"shape":"String"}
},
>Status":{
 "type":"string",
 "enum":[
 "InProgress",
 "Completed",
 "Successful",
 "Failed"
]
},
"String":{"type":"string"},
"StringList":{
 "type":"list",
 "member":{"shape":"StringListMemberString"},
 "max":100,
 "min":1
},
"StringListMemberString":{
 "type":"string",
 "max":100,
 "min":1
},
"StringMap":{

```

```

"type":"map",
"key":{"shape":"String"},
"value":{"shape":"String"}
},
"Subscription":{
"type":"structure",
"members":{
"InstanceCount":{"shape":"BoxLong"},
"Name":{"shape":"String"},
"Type":{"shape":"String"}
}
},
"SubscriptionList":{
"type":"list",
"member":{"shape":"Subscription"}
},
"ThrottlingException":{
"type":"structure",
"members":{
"message":{"shape":"String"}
},
"exception":true
},
"UpdateServiceSettingsRequest":{
"type":"structure",
"required":[
"LinuxSubscriptionsDiscovery",
"LinuxSubscriptionsDiscoverySettings"
],
"members":{
"AllowUpdate":{"shape":"Boolean"},
"LinuxSubscriptionsDiscovery":{"shape":"LinuxSubscriptionsDiscovery"},
"LinuxSubscriptionsDiscoverySettings":{"shape":"LinuxSubscriptionsDiscoverySettings"}
}
},
"UpdateServiceSettingsResponse":{
"type":"structure",
"members":{
"HomeRegions":{"shape":"StringList"},
"LinuxSubscriptionsDiscovery":{"shape":"LinuxSubscriptionsDiscovery"},
"LinuxSubscriptionsDiscoverySettings":{"shape":"LinuxSubscriptionsDiscoverySettings"},
"Status":{"shape":"Status"},
"StatusMessage":{"shape":"StringMap"}
}
},
"ValidationException":{
"type":"structure",

```

```

"members":{
 "message":{"shape":"String"}
},
"exception":true
}
}
}
{
"version": "2.0",
"service": "<p>License Manager makes it easier to manage licenses from software vendors across multiple Amazon Web Services accounts and on-premises servers.</p>",
"operations": {
 "AcceptGrant": "<p>Accepts the specified grant.</p>",
 "CheckInLicense": "<p>Checks in the specified license. Check in a license when it is no longer in use.</p>",
 "CheckoutBorrowLicense": "<p>Checks out the specified license for offline use.</p>",
 "CheckoutLicense": "<p>Checks out the specified license.</p> <note> <p>If the account that created the license is the same that is performing the check out, you must specify the account as the beneficiary.</p> </note>",
 "CreateGrant": "<p>Creates a grant for the specified license. A grant shares the use of license entitlements with a specific Amazon Web Services account, an organization, or an organizational unit (OU). For more information, see Granted licenses in License Manager in the <i>License Manager User Guide</i>.</p>",
 "CreateGrantVersion": "<p>Creates a new version of the specified grant. For more information, see Granted licenses in License Manager in the <i>License Manager User Guide</i>.</p>",
 "CreateLicense": "<p>Creates a license.</p>",
 "CreateLicenseConfiguration": "<p>Creates a license configuration.</p> <p>A license configuration is an abstraction of a customer license agreement that can be consumed and enforced by License Manager. Components include specifications for the license type (licensing by instance, socket, CPU, or vCPU), allowed tenancy (shared tenancy, Dedicated Instance, Dedicated Host, or all of these), license affinity to host (how long a license must be associated with a host), and the number of licenses purchased and used.</p>",
 "CreateLicenseConversionTaskForResource":
 "<p>Creates a new license conversion task.</p>",
 "CreateLicenseManagerReportGenerator": "<p>Creates a report generator.</p>",
 "CreateLicenseVersion": "<p>Creates a new version of the specified license.</p>",
 "CreateToken": "<p>Creates a long-lived token.</p> <p>A refresh token is a JWT token used to get an access token. With an access token, you can call AssumeRoleWithWebIdentity to get role credentials that you can use to call License Manager to manage the specified license.</p>",
 "DeleteGrant": "<p>Deletes the specified grant.</p>",
 "DeleteLicense": "<p>Deletes the specified license.</p>",
 "DeleteLicenseConfiguration": "<p>Deletes the specified license configuration.</p> <p>You cannot delete a license configuration that is in use.</p>",
 "DeleteLicenseManagerReportGenerator": "<p>Deletes the specified report generator.</p> <p>This action deletes the report generator, which stops it from generating future reports. The action cannot be reversed. It has no effect on the previous reports from this generator.</p>",
 "DeleteToken": "<p>Deletes the specified token. Must be called in the license home Region.</p>",
 "ExtendLicenseConsumption": "<p>Extends the expiration date for license consumption.</p>",
 "GetAccessToken": "<p>Gets a temporary access token to use with AssumeRoleWithWebIdentity. Access tokens are valid for one hour.</p>",

```

"GetGrant": "<p>Gets detailed information about the specified grant.</p>",

"GetLicense": "<p>Gets detailed information about the specified license.</p>",

"GetLicenseConfiguration": "<p>Gets detailed information about the specified license configuration.</p>",

"GetLicenseConversionTask": "<p>Gets information about the specified license type conversion task.</p>",

"GetLicenseManagerReportGenerator": "<p>Gets information about the specified report generator.</p>",

"GetLicenseUsage": "<p>Gets detailed information about the usage of the specified license.</p>",

"GetServiceSettings":

<p>Gets the License Manager settings for the current Region.</p>",

"ListAssociationsForLicenseConfiguration": "<p>Lists the resource associations for the specified license configuration.</p> <p>Resource associations need not consume licenses from a license configuration. For example, an AMI or a stopped instance might not consume a license (depending on the license rules).</p>",

"ListDistributedGrants": "<p>Lists the grants distributed for the specified license.</p>",

"ListFailuresForLicenseConfigurationOperations": "<p>Lists the license configuration operations that failed.</p>",

"ListLicenseConfigurations": "<p>Lists the license configurations for your account.</p>",

"ListLicenseConversionTasks": "<p>Lists the license type conversion tasks for your account.</p>",

"ListLicenseManagerReportGenerators": "<p>Lists the report generators for your account.</p>",

"ListLicenseSpecificationsForResource": "<p>Describes the license configurations for the specified resource.</p>",

"ListLicenseVersions": "<p>Lists all versions of the specified license.</p>",

"ListLicenses": "<p>Lists the licenses for your account.</p>",

"ListReceivedGrants": "<p>Lists grants that are received. Received grants are grants created while specifying the recipient as this Amazon Web Services account, your organization, or an organizational unit (OU) to which this member account belongs.</p>",

"ListReceivedGrantsForOrganization": "<p>Lists the grants received for all accounts in the organization.</p>",

"ListReceivedLicenses": "<p>Lists received licenses.</p>",

"ListReceivedLicensesForOrganization": "<p>Lists the licenses received for all accounts in the organization.</p>",

"ListResourceInventory": "<p>Lists resources managed using Systems Manager inventory.</p>",

"ListTagsForResource": "<p>Lists the tags for the specified license configuration.</p>",

"ListTokens": "<p>Lists your tokens.</p>",

"ListUsageForLicenseConfiguration":

<p>Lists all license usage records for a license configuration, displaying license consumption details by resource at a selected point in time. Use this action to audit the current license consumption for any license inventory and configuration.</p>",

"RejectGrant": "<p>Rejects the specified grant.</p>",

"TagResource": "<p>Adds the specified tags to the specified license configuration.</p>",

"UntagResource": "<p>Removes the specified tags from the specified license configuration.</p>",

"UpdateLicenseConfiguration": "<p>Modifies the attributes of an existing license configuration.</p>",

"UpdateLicenseManagerReportGenerator": "<p>Updates a report generator.</p> <p>After you make changes to a report generator, it starts generating new reports within 60 minutes of being updated.</p>",

"UpdateLicenseSpecificationsForResource": "<p>Adds or removes the specified license configurations for the specified Amazon Web Services resource.</p> <p>You can update the license specifications of AMIs, instances, and hosts. You cannot update the license specifications for launch templates and CloudFormation templates, as they send license configurations to the operation that creates the resource.</p>",

"UpdateServiceSettings": "<p>Updates License Manager settings for the current Region.</p>"

},

```

"shapes": {
 "AcceptGrantRequest": {
 "base": null,
 "refs": {
 }
 },
 "AcceptGrantResponse": {
 "base": null,
 "refs": {
 }
 },
 "AccessDeniedException": {
 "base": "<p>Access to resource denied.</p>",
 "refs": {
 }
 },
 "ActivationOverrideBehavior": {
 "base": null,
 "refs": {
 "Options$ActivationOverrideBehavior": "<p>An activation option for your grant that determines the behavior of activating a grant. Activation options can only be used with granted licenses sourced from the Amazon Web Services Marketplace. Additionally, the operation must specify the value of <code>ACTIVE</code> for the <code>Status</code> parameter.</p> <p>As a license administrator, you can optionally specify an <code>ActivationOverrideBehavior</code> when activating a grant.</p> <p>As a grantor, you can optionally specify an <code>ActivationOverrideBehavior</code> when you activate a grant for a grantee account in your organization.</p> <p>As a grantee, if the grantor creating the distributed grant doesnt specify an <code>ActivationOverrideBehavior</code>, you can optionally specify one when you are activating the grant.</p> <dl> <dt>DISTRIBUTED_GRANTS_ONLY</dt> <dd> <p>Use this value to activate a grant without replacing any member accounts active grants for the same product.</p> </dd> <dt>ALL_GRANTS_PERMITTED_BY_ISSUER</dt> <dd> <p>Use this value to activate a grant and disable other active grants in any member accounts for the same product. This action will also replace their previously activated grants with this activated grant.</p> </dd> </dl>"
 }
 },
 "AllowedOperation": {
 "base": null,
 "refs": {
 "AllowedOperationList$member": null
 }
 },
 "AllowedOperationList": {
 "base": null,
 "refs": {
 "CreateGrantRequest$AllowedOperations": "<p>Allowed operations for the grant.</p>",
 "CreateGrantVersionRequest$AllowedOperations": "<p>Allowed operations for the grant.</p>",
 "Grant$GrantedOperations": "<p>Granted operations.</p>",
 "ReceivedMetadata$AllowedOperations": "<p>Allowed operations.</p>"
 }
 }
}

```

```

 }
 },
 "Arn": {
 "base": null,
 "refs": {
 "AcceptGrantRequest$GrantArn": "<p>Amazon Resource Name (ARN) of the grant.</p>",
 "AcceptGrantResponse$GrantArn": "<p>Grant ARN.</p>",
 "ArnList$member": null,
 "CheckoutBorrowLicenseRequest$LicenseArn": "<p>Amazon Resource Name (ARN) of the license. The license must use the borrow consumption configuration.</p>",
 "CheckoutBorrowLicenseResponse$LicenseArn":
 "<p>Amazon Resource Name (ARN) of the license.</p>",
 "CreateGrantRequest$LicenseArn": "<p>Amazon Resource Name (ARN) of the license.</p>",
 "CreateGrantResponse$GrantArn": "<p>Grant ARN.</p>",
 "CreateGrantVersionRequest$GrantArn": "<p>Amazon Resource Name (ARN) of the grant.</p>",
 "CreateGrantVersionResponse$GrantArn": "<p>Grant ARN.</p>",
 "CreateLicenseConversionTaskForResourceRequest$ResourceArn": "<p>Amazon Resource Name (ARN) of the resource you are converting the license type for.</p>",
 "CreateLicenseResponse$LicenseArn": "<p>Amazon Resource Name (ARN) of the license.</p>",
 "CreateLicenseVersionRequest$LicenseArn": "<p>Amazon Resource Name (ARN) of the license.</p>",
 "CreateLicenseVersionResponse$LicenseArn": "<p>License ARN.</p>",
 "CreateTokenRequest$LicenseArn": "<p>Amazon Resource Name (ARN) of the license. The ARN is mapped to the aud claim of the JWT token.</p>",
 "DeleteGrantRequest$GrantArn":
 "<p>Amazon Resource Name (ARN) of the grant.</p>",
 "DeleteGrantResponse$GrantArn": "<p>Grant ARN.</p>",
 "DeleteLicenseRequest$LicenseArn": "<p>Amazon Resource Name (ARN) of the license.</p>",
 "GetGrantRequest$GrantArn": "<p>Amazon Resource Name (ARN) of the grant.</p>",
 "GetLicenseRequest$LicenseArn": "<p>Amazon Resource Name (ARN) of the license.</p>",
 "GetLicenseUsageRequest$LicenseArn": "<p>Amazon Resource Name (ARN) of the license.</p>",
 "Grant$GrantArn": "<p>Amazon Resource Name (ARN) of the grant.</p>",
 "Grant$ParentArn": "<p>Parent ARN.</p>",
 "Grant$LicenseArn": "<p>License ARN.</p>",
 "Grant$GranteePrincipalArn": "<p>The grantee principal ARN.</p>",
 "GrantedLicense$LicenseArn": "<p>Amazon Resource Name (ARN) of the license.</p>",
 "License$LicenseArn": "<p>Amazon Resource Name (ARN) of the license.</p>",
 "ListLicenseVersionsRequest$LicenseArn": "<p>Amazon Resource Name (ARN) of the license.</p>",
 "ListReceivedGrantsForOrganizationRequest$LicenseArn": "<p>The Amazon Resource Name (ARN) of the received license.</p>",
 "PrincipalArnList$member": null,
 "RejectGrantRequest$GrantArn": "<p>Amazon Resource Name (ARN) of the grant.</p>",
 "RejectGrantResponse$GrantArn": "<p>Grant ARN.</p>"
 }
 }
},
"ArnList": {
 "base": null,
 "refs": {

```

"CreateTokenRequest\$RoleArns": "<p>Amazon Resource Name (ARN) of the IAM roles to embed in the token. License Manager does not check whether the roles are in use.</p>",

"ListDistributedGrantsRequest\$GrantArns": "<p>Amazon Resource Names (ARNs) of the grants.</p>",

"ListLicensesRequest\$LicenseArns": "<p>Amazon Resource Names (ARNs) of the licenses.</p>",

"ListReceivedGrantsRequest\$GrantArns": "<p>Amazon Resource Names (ARNs) of the grants.</p>",

"ListReceivedLicensesRequest\$LicenseArns": "<p>Amazon Resource Names (ARNs) of the licenses.</p>",

"ReportContext\$licenseConfigurationArns": "<p>Amazon Resource Name (ARN) of the license configuration that this generator reports on.</p>",

"TokenData\$RoleArns": "<p>Amazon Resource Names (ARN) of the roles included in the token.</p>"

}

},

"AuthorizationException": {

"base": "<p>The Amazon Web Services user account does not have permission to perform the action. Check the IAM policy associated with this account.</p>",

"refs": {

}

},

"AutomatedDiscoveryInformation": {

"base": "<p>Describes automated discovery.</p>",

"refs": {

"GetLicenseConfigurationResponse\$AutomatedDiscoveryInformation": "<p>Automated discovery information.</p>",

"LicenseConfiguration\$AutomatedDiscoveryInformation": "<p>Automated discovery information.</p>"

}

},

"Boolean": {

"base": null,

"refs": {

"ExtendLicenseConsumptionRequest\$DryRun": "<p>Checks whether you have the required permissions for the action, without actually making the request. Provides an error response if you do not have the required permissions.</p>",

"OrganizationConfiguration\$EnableIntegration": "<p>Enables Organizations integration.</p>"

}

},

"BorrowConfiguration": {

"base": "<p>Details about a borrow configuration.</p>",

"refs": {

"ConsumptionConfiguration\$BorrowConfiguration": "<p>Details about a borrow configuration.</p>"

}

},

"BoxBoolean": {

"base": null,

"refs": {

"BorrowConfiguration\$AllowEarlyCheckIn": "<p>Indicates whether early check-ins are allowed.</p>",

"CreateLicenseConfigurationRequest\$LicenseCountHardLimit": "<p>Indicates whether hard or soft license enforcement is used. Exceeding a hard limit blocks the launch of new instances.</p>",

"CreateLicenseConfigurationRequest\$DisassociateWhenNotFound": "<p>When true, disassociates a resource

when software is uninstalled.</p>",

"Entitlement\$Overage": "<p>Indicates whether overages are allowed.</p>",

"Entitlement\$AllowCheckIn": "<p>Indicates whether check-ins are allowed.</p>",

"GetLicenseConfigurationResponse\$LicenseCountHardLimit": "<p>Sets the number of available licenses as a hard limit.</p>",

"GetLicenseConfigurationResponse\$DisassociateWhenNotFound": "<p>When true, disassociates a resource when software is uninstalled.</p>",

"GetServiceSettingsResponse\$EnableCrossAccountsDiscovery": "<p>Indicates whether cross-account discovery is enabled.</p>",

"LicenseConfiguration\$LicenseCountHardLimit": "<p>Number of available licenses as a hard limit.</p>",

"LicenseConfiguration\$DisassociateWhenNotFound": "<p>When true, disassociates a resource when software is uninstalled.</p>",

"UpdateLicenseConfigurationRequest\$LicenseCountHardLimit": "<p>New hard limit of the number of available licenses.</p>",

"UpdateLicenseConfigurationRequest\$DisassociateWhenNotFound": "<p>When true, disassociates a resource when software is uninstalled.</p>",

"UpdateServiceSettingsRequest\$EnableCrossAccountsDiscovery": "<p>Activates cross-account discovery.</p>"

}

},

"BoxInteger": {

"base": null,

"refs": {

"BorrowConfiguration\$MaxTimeToLiveInMinutes": "<p>Maximum time for the borrow configuration, in minutes.</p>",

"ListAssociationsForLicenseConfigurationRequest\$MaxResults": "<p>Maximum number of results to return in a single call.</p>",

"ListFailuresForLicenseConfigurationOperationsRequest\$MaxResults": "<p>Maximum number of results to return in a single call.</p>",

"ListLicenseConfigurationsRequest\$MaxResults": "<p>Maximum number of results to return in a single call.</p>",

"ListLicenseConversionTasksRequest\$MaxResults": "<p>Maximum number of results to return in a single call.</p>",

"ListLicenseSpecificationsForResourceRequest\$MaxResults": "<p>Maximum number of results to return in a single call.</p>",

"ListResourceInventoryRequest\$MaxResults": "<p>Maximum number of results to return in a single call.</p>",

"ListUsageForLicenseConfigurationRequest\$MaxResults": "<p>Maximum number of results to return in a single call.</p>",

"ProvisionalConfiguration\$MaxTimeToLiveInMinutes": "<p>Maximum time for the provisional configuration, in minutes.</p>"

}

},

"BoxLong": {

"base": null,

"refs": {

"ConsumedLicenseSummary\$ConsumedLicenses": "<p>Number of licenses consumed by the resource.</p>",

```

 "CreateLicenseConfigurationRequest$LicenseCount": "<p>Number of licenses managed by the license
configuration.</p>",
 "GetLicenseConfigurationResponse$LicenseCount": "<p>Number of available licenses.</p>",
 "GetLicenseConfigurationResponse$ConsumedLicenses": "<p>Number of licenses assigned to resources.</p>",
 "LicenseConfiguration$LicenseCount": "<p>Number of licenses managed by the license configuration.</p>",
 "LicenseConfiguration$ConsumedLicenses":
"<p>Number of licenses consumed. </p>",
 "LicenseConfigurationUsage$ConsumedLicenses": "<p>Number of licenses consumed by the resource.</p>",
 "ManagedResourceSummary$AssociationCount": "<p>Number of resources associated with licenses.</p>",
 "UpdateLicenseConfigurationRequest$LicenseCount": "<p>New number of licenses managed by the license
configuration.</p>"
 }
},
"CheckInLicenseRequest": {
 "base": null,
 "refs": {
 }
},
"CheckInLicenseResponse": {
 "base": null,
 "refs": {
 }
},
"CheckoutBorrowLicenseRequest": {
 "base": null,
 "refs": {
 }
},
"CheckoutBorrowLicenseResponse": {
 "base": null,
 "refs": {
 }
},
"CheckoutLicenseRequest": {
 "base": null,
 "refs": {
 }
},
"CheckoutLicenseResponse": {
 "base": null,
 "refs": {
 }
},
"CheckoutType": {
 "base": null,
 "refs": {
 "CheckoutLicenseRequest$CheckoutType": "<p>Checkout type.</p>",
 "CheckoutLicenseResponse$CheckoutType": "<p>Checkout type.</p>"
 }
}

```

```

 }
 },
 "ClientRequestToken": {
 "base": null,
 "refs": {
 "CreateLicenseManagerReportGeneratorRequest$ClientToken": "<p>Unique, case-sensitive identifier that you provide to ensure the idempotency of the request.</p>",
 "UpdateLicenseManagerReportGeneratorRequest$ClientToken": "<p>Unique, case-sensitive identifier that you provide to ensure the idempotency of the request.</p>"
 }
 },
 "ClientToken": {
 "base": null,
 "refs": {
 "CheckoutBorrowLicenseRequest$ClientToken": "<p>Unique, case-sensitive identifier that you provide to ensure the idempotency of the request.</p>",
 "CheckoutLicenseRequest$ClientToken": "<p>Unique, case-sensitive identifier that you provide to ensure the idempotency of the request.</p>",
 "CreateGrantRequest$ClientToken": "<p>Unique, case-sensitive identifier that you provide to ensure the idempotency of the request.</p>",
 "CreateGrantVersionRequest$ClientToken": "<p>Unique, case-sensitive identifier that you provide to ensure the idempotency of the request.</p>",
 "CreateLicenseRequest$ClientToken": "<p>Unique, case-sensitive identifier that you provide to ensure the idempotency of the request.</p>",
 "CreateLicenseVersionRequest$ClientToken": "<p>Unique, case-sensitive identifier that you provide to ensure the idempotency of the request.</p>",
 "CreateTokenRequest$ClientToken": "<p>Idempotency token, valid for 10 minutes.</p>"
 }
 },
 "ConflictException": {
 "base": "<p>There was a conflict processing the request. Try your request again.</p>",
 "refs": {
 }
 },
 "ConsumedLicenseSummary": {
 "base": "<p>Details about license consumption.</p>",
 "refs": {
 "ConsumedLicenseSummaryList$member": null
 }
 },
 "ConsumedLicenseSummaryList": {
 "base": null,
 "refs": {
 "GetLicenseConfigurationResponse$ConsumedLicenseSummaryList": "<p>Summaries of the licenses consumed by resources.</p>",
 "LicenseConfiguration$ConsumedLicenseSummaryList": "<p>Summaries for licenses consumed by various resources.</p>"
 }
 }
}

```

```

},
"ConsumptionConfiguration": {
 "base": "<p>Details about a consumption configuration.</p>",
 "refs": {
 "CreateLicenseRequest$ConsumptionConfiguration": "<p>Configuration for consumption of the license.
Choose a provisional configuration for workloads running with continuous connectivity. Choose a borrow
configuration for workloads with offline usage.</p>",
 "CreateLicenseVersionRequest$ConsumptionConfiguration": "<p>Configuration for consumption of the
license. Choose a provisional configuration for workloads running with continuous connectivity. Choose a borrow
configuration for workloads with offline usage.</p>",
 "GrantedLicense$ConsumptionConfiguration":
"<p>Configuration for consumption of the license.</p>",
 "License$ConsumptionConfiguration": "<p>Configuration for consumption of the license.</p>"
 }
},
"CreateGrantRequest": {
 "base": null,
 "refs": {
 }
},
"CreateGrantResponse": {
 "base": null,
 "refs": {
 }
},
"CreateGrantVersionRequest": {
 "base": null,
 "refs": {
 }
},
"CreateGrantVersionResponse": {
 "base": null,
 "refs": {
 }
},
"CreateLicenseConfigurationRequest": {
 "base": null,
 "refs": {
 }
},
"CreateLicenseConfigurationResponse": {
 "base": null,
 "refs": {
 }
},
"CreateLicenseConversionTaskForResourceRequest": {
 "base": null,
 "refs": {

```

```
}
},
"CreateLicenseConversionTaskForResourceResponse": {
 "base": null,
 "refs": {
 }
},
"CreateLicenseManagerReportGeneratorRequest": {
 "base": null,
 "refs": {

 }
},
"CreateLicenseManagerReportGeneratorResponse": {
 "base": null,
 "refs": {
 }
},
"CreateLicenseRequest": {
 "base": null,
 "refs": {
 }
},
"CreateLicenseResponse": {
 "base": null,
 "refs": {
 }
},
"CreateLicenseVersionRequest": {
 "base": null,
 "refs": {
 }
},
"CreateLicenseVersionResponse": {
 "base": null,
 "refs": {
 }
},
"CreateTokenRequest": {
 "base": null,
 "refs": {
 }
},
"CreateTokenResponse": {
 "base": null,
 "refs": {
 }
},
},
```

```

"DateTime": {
 "base": null,
 "refs": {
 "AutomatedDiscoveryInformation$LastRunTime": "<p>Time that automated discovery last ran.</p>",
 "GetLicenseConversionTaskResponse$StartTime": "<p>Time at which the license type conversion task was
started .</p>",
 "GetLicenseConversionTaskResponse$LicenseConversionTime": "<p>Amount of time to complete the license
type conversion.</p>",
 "GetLicenseConversionTaskResponse$EndTime": "<p>Time at which the license type conversion task was
completed.</p>",
 "LicenseConfigurationAssociation$AssociationTime": "<p>Time when the license configuration was associated
with the resource.</p>",
 "LicenseConfigurationUsage$AssociationTime": "<p>Time when the license configuration was initially
associated with the resource.</p>",
 "LicenseConversionTask$StartTime": "<p>The time the conversion task was started at.</p>",
 "LicenseConversionTask$LicenseConversionTime": "<p>The time the usage operation value of the resource
was changed.</p>",
 "LicenseConversionTask$EndTime": "<p>The time the conversion task was completed.</p>",
 "LicenseOperationFailure$FailureTime": "<p>Failure time.</p>"
 }
},
"DatetimeRange": {
 "base": "<p>Describes a time range, in ISO8601-UTC format.</p>",
 "refs": {
 "CreateLicenseRequest$Validity": "<p>Date
and time range during which the license is valid, in ISO8601-UTC format.</p>",
 "CreateLicenseVersionRequest$Validity": "<p>Date and time range during which the license is valid, in
ISO8601-UTC format.</p>",
 "GrantedLicense$Validity": "<p>Date and time range during which the granted license is valid, in ISO8601-
UTC format.</p>",
 "License$Validity": "<p>Date and time range during which the license is valid, in ISO8601-UTC format.</p>"
 }
},
>DeleteGrantRequest": {
 "base": null,
 "refs": {
 }
},
>DeleteGrantResponse": {
 "base": null,
 "refs": {
 }
},
>DeleteLicenseConfigurationRequest": {
 "base": null,
 "refs": {
 }
},

```

```

"DeleteLicenseConfigurationResponse": {
 "base": null,
 "refs": {
 }
},
"DeleteLicenseManagerReportGeneratorRequest": {
 "base": null,
 "refs": {
 }
},
"DeleteLicenseManagerReportGeneratorResponse": {
 "base": null,
 "refs": {
 }
},
"DeleteLicenseRequest": {
 "base": null,
 "refs": {
 }
},
"DeleteLicenseResponse": {
 "base": null,
 "refs": {
 }
},
"DeleteTokenRequest": {
 "base": null,
 "refs": {
 }
},
"DeleteTokenResponse": {
 "base": null,
 "refs": {
 }
},
"DigitalSignatureMethod": {
 "base": null,
 "refs": {
 "CheckoutBorrowLicenseRequest$DigitalSignatureMethod": "<p>Digital signature method. The possible value
is JSON Web Signature (JWS) algorithm PS384. For more information, see RFC 7518 Digital Signature with RSASSA-PSS.</p>"
 }
},
"Entitlement": {
 "base": "<p>Describes a resource entitled for use with a license.</p>",
 "refs": {
 "EntitlementList$member": null
 }
}

```

```

},
"EntitlementData": {
 "base": "<p>Data associated with an entitlement resource.</p>",

 "refs": {
 "EntitlementDataList$member": null
 }
},
"EntitlementDataList": {
 "base": null,
 "refs": {
 "CheckoutBorrowLicenseRequest$Entitlements": "<p>License entitlements. Partial checkouts are not supported.</p>",
 "CheckoutBorrowLicenseResponse$EntitlementsAllowed": "<p>Allowed license entitlements.</p>",
 "CheckoutLicenseRequest$Entitlements": "<p>License entitlements.</p>",
 "CheckoutLicenseResponse$EntitlementsAllowed": "<p>Allowed license entitlements.</p>"
 }
},
"EntitlementDataUnit": {
 "base": null,
 "refs": {
 "EntitlementData$Unit": "<p>Entitlement data unit.</p>",
 "EntitlementUsage$Unit": "<p>Entitlement usage unit.</p>"
 }
},
"EntitlementList": {
 "base": null,
 "refs": {
 "CreateLicenseRequest$Entitlements": "<p>License entitlements.</p>",
 "CreateLicenseVersionRequest$Entitlements": "<p>License entitlements.</p>",
 "GrantedLicense$Entitlements":
"<p>License entitlements.</p>",
 "License$Entitlements": "<p>License entitlements.</p>"
 }
},
"EntitlementNotAllowedException": {
 "base": "<p>The entitlement is not allowed.</p>",
 "refs": {
 }
},
"EntitlementUnit": {
 "base": null,
 "refs": {
 "Entitlement$Unit": "<p>Entitlement unit.</p>"
 }
},
"EntitlementUsage": {
 "base": "<p>Usage associated with an entitlement resource.</p>",

```

```

"refs": {
 "EntitlementUsageList$member": null
}
},
"EntitlementUsageList": {
 "base": null,
 "refs": {
 "LicenseUsage$EntitlementUsages": "<p>License entitlement usages.</p>"
 }
},
"ExtendLicenseConsumptionRequest": {
 "base": null,
 "refs": {
 }
},
"ExtendLicenseConsumptionResponse": {
 "base": null,
 "refs": {
 }
},
"FailedDependencyException": {
 "base": "<p>A dependency required to run the API is missing.</p>",
 "refs": {
 }
},
"Filter": {
 "base": "<p>A filter name and value pair that is used to return more specific results from a describe operation. Filters can be used to match a set of resources by specific criteria, such as tags, attributes, or IDs.</p>",
 "refs": {
 "FilterList$member": null,
 "Filters$member": null
 }
},
"FilterLimitExceededException": {
 "base": "<p>The request uses too many filters or too many filter values.</p>",
 "refs": {
 }
},
"FilterList": {
 "base": null,
 "refs": {
 "ListDistributedGrantsRequest$Filters": "<p>Filters to scope the results. The following filters are supported:</p> <p> <code>LicenseArn</code> </p> <p> <code>GrantStatus</code> </p> <p> <code>GranteePrincipalARN</code> </p> <p> <code>ProductSKU</code> </p> <p> <code>LicenseIssuerName</code> </p> ",
 "ListLicenseManagerReportGeneratorsRequest$Filters":
 "<p>Filters to scope the results. The following filters are supported: </p> <p> <code>LicenseConfigurationArn</code> </p> ",

```

```

 "ListLicensesRequest$Filters": "<p>Filters to scope the results. The following filters are supported:</p>
 <p> <code>Beneficiary</code> </p> <p> <code>ProductSKU</code> </p> <p>
<code>Fingerprint</code> </p> <p> <code>Status</code> </p> ",
 "ListReceivedGrantsForOrganizationRequest$Filters": "<p>Filters to scope the results. The following filters are
supported:</p> <p> <code>ParentArn</code> </p> <p> <code>GranteePrincipalArn</code>
</p> ",
 "ListReceivedGrantsRequest$Filters": "<p>Filters to scope the results. The following filters are supported:</p>
 <p> <code>ProductSKU</code> </p> <p> <code>LicenseIssuerName</code> </p>
<p> <code>LicenseArn</code> </p> <p> <code>GrantStatus</code>
</p> <p> <code>GranterAccountId</code> </p> ",
 "ListReceivedLicensesForOrganizationRequest$Filters": "<p>Filters to scope the results. The following filters
are supported:</p> <p> <code>Beneficiary</code> </p> <p> <code>ProductSKU</code> </p>
 ",
 "ListReceivedLicensesRequest$Filters": "<p>Filters to scope the results. The following filters are
supported:</p> <p> <code>ProductSKU</code> </p> <p> <code>Status</code> </p>
 <p> <code>Fingerprint</code> </p> <p> <code>IssuerName</code> </p> <p>
<code>Beneficiary</code> </p> ",
 "ListTokensRequest$Filters": "<p>Filters to scope the results. The following filter is supported:</p>
<p> <code>LicenseArns</code> </p> "
 }
},
"FilterName": {
 "base": null,
 "refs": {
 "Filter$Name": "<p>Name of the filter. Filter names are case-sensitive.</p>"
 }
},
"FilterValue": {
 "base": null,
 "refs": {
 "FilterValues$member": null
 }
},
"FilterValues": {
 "base": null,
 "refs": {
 "Filter$Values": "<p>The value of the filter, which is case-sensitive. You can only specify one value for the
filter.</p>"
 }
},
"Filters": {
 "base": null,
 "refs": {
 "ListLicenseConfigurationsRequest$Filters": "<p>Filters to scope the results. The following filters and logical
operators are supported:</p> <p> <code>licenseCountingType</code> - The dimension for which
licenses are counted. Possible values are <code>vCPU</code> | <code>Instance</code> | <code>Core</code> |
<code>Socket</code>. Logical operators are <code>EQUALS</code> | <code>NOT_EQUALS</code>.</p>
 <p> <code>enforceLicenseCount</code> - A Boolean value that indicates whether hard license enforcement is

```

used. Logical operators are `EQUALS` | `NOT_EQUALS`.

- `usagelimitExceeded` - A Boolean value that indicates whether the available licenses have been exceeded. Logical operators are `EQUALS` | `NOT_EQUALS`.

"ListLicenseConversionTasksRequest\$Filters": "

Filters to scope the results. Valid filters are `ResourceArns` and `Status`.

",

"ListUsageForLicenseConfigurationRequest\$Filters": "

Filters to scope the results. The following filters and logical operators are supported:

- `resourceArn` - The ARN of the license configuration resource. Logical operators are `EQUALS` | `NOT_EQUALS`.
- `resourceType` - The resource type (`EC2_INSTANCE` | `EC2_HOST` | `EC2_AMI` | `SYSTEMS_MANAGER_MANAGED_INSTANCE`). Logical operators are `EQUALS` | `NOT_EQUALS`.
- `resourceAccount` - The ID of the account that owns the resource. Logical operators are `EQUALS` | `NOT_EQUALS`.

"

```
 }
 },
 "GetAccessTokenRequest": {
 "base": null,
 "refs": {
 }
 },
 "GetAccessTokenResponse": {
 "base": null,
 "refs": {
 }
 },
 "GetGrantRequest": {
 "base": null,
 "refs": {
 }
 },
 "GetGrantResponse": {
 "base": null,
 "refs": {
 }
 },
 "GetLicenseConfigurationRequest": {
 "base": null,
 "refs": {
 }
 },
 "GetLicenseConfigurationResponse": {
 "base": null,
 "refs": {
 }
 },
 "GetLicenseConversionTaskRequest": {
```

```
"base": null,
"refs": {
}
},
"GetLicenseConversionTaskResponse": {
"base": null,
"refs": {
}
},
"GetLicenseManagerReportGeneratorRequest": {
"base": null,
"refs": {
}
},
"GetLicenseManagerReportGeneratorResponse": {
"base":
null,
"refs": {
}
},
"GetLicenseRequest": {
"base": null,
"refs": {
}
},
"GetLicenseResponse": {
"base": null,
"refs": {
}
},
"GetLicenseUsageRequest": {
"base": null,
"refs": {
}
},
"GetLicenseUsageResponse": {
"base": null,
"refs": {
}
},
"GetServiceSettingsRequest": {
"base": null,
"refs": {
}
},
"GetServiceSettingsResponse": {
"base": null,
"refs": {
```

```

 }
 },
 "Grant": {
 "base": "<p>Describes a grant.</p>",
 "refs": {
 "GetGrantResponse$Grant": "<p>Grant details.</p>",
 "GrantList$member": null
 }
 },
 "GrantList": {
 "base": null,
 "refs": {
 "ListDistributedGrantsResponse$Grants": "<p>Distributed grant details.</p>",
 "ListReceivedGrantsForOrganizationResponse$Grants": "<p>Lists the grants the organization has received.</p>",
 "ListReceivedGrantsResponse$Grants":
"<p>Received grant details.</p>"
 }
 },
 "GrantStatus": {
 "base": null,
 "refs": {
 "AcceptGrantResponse$Status": "<p>Grant status.</p>",
 "CreateGrantResponse$Status": "<p>Grant status.</p>",
 "CreateGrantVersionRequest$Status": "<p>Grant status.</p>",
 "CreateGrantVersionResponse$Status": "<p>Grant status.</p>",
 "DeleteGrantResponse$Status": "<p>Grant status.</p>",
 "Grant$GrantStatus": "<p>Grant status.</p>",
 "RejectGrantResponse$Status": "<p>Grant status.</p>"
 }
 },
 "GrantedLicense": {
 "base": "<p>Describes a license that is granted to a grantee.</p>",
 "refs": {
 "GrantedLicenseList$member": null
 }
 },
 "GrantedLicenseList": {
 "base": null,
 "refs": {
 "ListReceivedLicensesForOrganizationResponse$Licenses": "<p>Lists the licenses the organization has received.</p>",
 "ListReceivedLicensesResponse$Licenses": "<p>Received license details.</p>"
 }
 },
 "ISO8601DateTime": {
 "base": null,

```

```

"refs": {
 "CheckoutBorrowLicenseResponse$IssuedAt": "<p>Date and time at which the license checkout is issued.</p>",
 "CheckoutBorrowLicenseResponse$Expiration": "<p>Date and time at which the license checkout expires.</p>",
 "CheckoutLicenseResponse$IssuedAt": "<p>Date and time at which the license checkout is issued.</p>",
 "CheckoutLicenseResponse$Expiration": "<p>Date and time at which the license checkout expires.</p>",
 "DatetimeRange$Begin": "<p>Start of the time range.</p>",
 "DatetimeRange$End": "<p>End of the time range.</p>",
 "DeleteLicenseResponse$DeletionDate": "<p>Date when the license is deleted.</p>",
 "ExtendLicenseConsumptionResponse$Expiration": "<p>Date and time at which the license consumption expires.</p>",
 "GrantedLicense$CreateTime": "<p>Creation time of the granted license.</p>",
 "License$CreateTime": "<p>License creation time.</p>",
 "TokenData$ExpirationTime": "<p>Token expiration time, in ISO8601-UTC format.</p>"
}
},
"Integer": {
 "base": null,
 "refs": {
 "CreateTokenRequest$ExpirationInDays": "<p>Token expiration, in days, counted from token creation. The default is 365 days.</p>",
 "ReportFrequency$value": "<p>Number of times within the frequency period that a report is generated. The only supported value is <code>1</code>.</p>"
 }
}
},
"InvalidParameterValueException": {
 "base": "<p>One or more parameter values are not valid.</p>",
 "refs": {
 }
}
},
"InvalidResourceStateException": {
 "base": "<p>License Manager cannot allocate a license to a resource because of its state. </p><p>For example, you cannot allocate a license to an instance in the process of shutting down.</p>",
 "refs": {
 }
}
},
"InventoryFilter": {
 "base": "<p>An inventory filter.</p>",
 "refs": {

 "InventoryFilterList$member": null
 }
}
},
"InventoryFilterCondition": {
 "base": null,
 "refs": {

```

```

 "InventoryFilter$Condition": "<p>Condition of the filter.</p>"
 }
},
"InventoryFilterList": {
 "base": null,
 "refs": {
 "ListResourceInventoryRequest$Filters": "<p>Filters to scope the results. The following filters and logical operators are supported:</p> <p> <code>account_id</code> - The ID of the Amazon Web Services account that owns the resource. Logical operators are <code>EQUALS</code> | <code>NOT_EQUALS</code>.</p> <p> <code>application_name</code> - The name of the application. Logical operators are <code>EQUALS</code> | <code>BEGINS_WITH</code>.</p> <p> <code>license_included</code> - The type of license included. Logical operators are <code>EQUALS</code> | <code>NOT_EQUALS</code>. Possible values are <code>sql-server-enterprise</code> | <code>sql-server-standard</code> | <code>sql-server-web</code> | <code>windows-server-datacenter</code>.</p> <p> <code>platform</code> - The platform of the resource. Logical operators are <code>EQUALS</code> | <code>BEGINS_WITH</code>.</p> <p> <code>resource_id</code> - The ID of the resource. Logical operators are <code>EQUALS</code> | <code>NOT_EQUALS</code>.</p> <p> <code>tag:<key></code> - The key/value combination of a tag assigned to the resource. Logical operators are <code>EQUALS</code> (single account) or <code>EQUALS</code> | <code>NOT_EQUALS</code> (cross account).</p> "
 }
},
"Issuer": {
 "base": "<p>Details about the issuer of a license.</p>",
 "refs": {
 "CreateLicenseRequest$Issuer": "<p>License issuer.</p>",
 "CreateLicenseVersionRequest$Issuer": "<p>License issuer.</p>"
 }
},
"IssuerDetails": {
 "base": "<p>Details associated with the issuer of a license.</p>",
 "refs": {
 "GrantedLicense$Issuer": "<p>Granted license issuer.</p>",
 "License$Issuer": "<p>License issuer.</p>"
 }
},
"License": {
 "base": "<p>Software license that is managed in License Manager.</p>",
 "refs": {
 "GetLicenseResponse$License": "<p>License details.</p>",
 "LicenseList$member": null
 }
},
"LicenseConfiguration": {
 "base": "<p>A license configuration is an abstraction of a customer license agreement that can be consumed and enforced by License Manager. Components include specifications for the license type (licensing by instance, socket, CPU, or vCPU), allowed tenancy (shared tenancy, Dedicated Instance, Dedicated Host, or all of these), host affinity

```

(how long a VM must be associated with a host), and the number of licenses purchased and used.</p>

```
"refs": {
 "LicenseConfigurations$member": null
}
},
"LicenseConfigurationAssociation": {
 "base": "<p>Describes an association with a license configuration.</p>",
 "refs": {
 "LicenseConfigurationAssociations$member": null
 }
},
"LicenseConfigurationAssociations": {
 "base": null,
 "refs": {
 "ListAssociationsForLicenseConfigurationResponse$LicenseConfigurationAssociations": "<p>Information about the associations for the license configuration.</p>"
 }
},
"LicenseConfigurationStatus": {
 "base": null,
 "refs": {
 "UpdateLicenseConfigurationRequest$LicenseConfigurationStatus": "<p>New status of the license configuration.</p>"
 }
},
"LicenseConfigurationUsage": {
 "base": "<p>Details about the usage of a resource associated with a license configuration.</p>",
 "refs": {
 "LicenseConfigurationUsageList$member": null
 }
},
"LicenseConfigurationUsageList": {
 "base": null,
 "refs": {
 "ListUsageForLicenseConfigurationResponse$LicenseConfigurationUsageList": "<p>Information about the license configurations.</p>"
 }
},
"LicenseConfigurations": {
 "base": null,
 "refs": {
 "ListLicenseConfigurationsResponse$LicenseConfigurations": "<p>Information about the license configurations.</p>"
 }
},
"LicenseConversionContext": {
 "base": "<p>Information about a license type conversion task.</p>",
```

```

"refs": {
 "CreateLicenseConversionTaskForResourceRequest$SourceLicenseContext": "<p>Information that identifies the license type you are converting from. For the structure of the source license, see Convert a license type using the CLI in the <i>License Manager User Guide</i>.</p>",
 "CreateLicenseConversionTaskForResourceRequest$DestinationLicenseContext": "<p>Information that identifies the license type you are converting to. For the structure of the destination license, see Convert a license type using the CLI in the <i>License Manager User Guide</i>.</p>",
 "GetLicenseConversionTaskResponse$SourceLicenseContext": "<p>Information about the license type converted from.</p>",
 "GetLicenseConversionTaskResponse$DestinationLicenseContext": "<p>Information about the license type converted to.</p>",
 "LicenseConversionTask$SourceLicenseContext": "<p>Information about the license type this conversion task converted from.</p>",
 "LicenseConversionTask$DestinationLicenseContext": "<p>Information about the license type this conversion task converted to.</p>"
}
},
"LicenseConversionTask": {
 "base": "<p>Information about a license type conversion task.</p>",
 "refs": {
 "LicenseConversionTasks$member": null
 }
},
"LicenseConversionTaskId": {
 "base": null,
 "refs": {
 "CreateLicenseConversionTaskForResourceResponse$LicenseConversionTaskId": "<p>The ID of the created license type conversion task.</p>",
 "GetLicenseConversionTaskRequest$LicenseConversionTaskId": "<p>ID of the license type conversion task to retrieve information on.</p>",
 "GetLicenseConversionTaskResponse$LicenseConversionTaskId": "<p>ID of the license type conversion task.</p>",
 "LicenseConversionTask$LicenseConversionTaskId": "<p>The ID of the license type conversion task.</p>"
 }
},
"LicenseConversionTaskStatus": {
 "base": null,
 "refs": {
 "GetLicenseConversionTaskResponse$Status": "<p>Status of the license type conversion task.</p>",
 "LicenseConversionTask$Status": "<p>The status of the conversion task.</p>"
 }
},
"LicenseConversionTasks": {
 "base": null,
 "refs": {

```

```

 "ListLicenseConversionTasksResponse$LicenseConversionTasks": "<p>Information about the license
configuration tasks for your account.</p>"
 }
},
"LicenseCountingType":
{
 "base": null,
 "refs": {
 "CreateLicenseConfigurationRequest$LicenseCountingType": "<p>Dimension used to track the license
inventory.</p>",
 "GetLicenseConfigurationResponse$LicenseCountingType": "<p>Dimension for which the licenses are
counted.</p>",
 "LicenseConfiguration$LicenseCountingType": "<p>Dimension to use to track the license inventory.</p>"
 }
},
"LicenseDeletionStatus": {
 "base": null,
 "refs": {
 "DeleteLicenseResponse$Status": "<p>License status.</p>"
 }
},
"LicenseList": {
 "base": null,
 "refs": {
 "ListLicenseVersionsResponse$Licenses": "<p>License details.</p>",
 "ListLicensesResponse$Licenses": "<p>License details.</p>"
 }
},
"LicenseOperationFailure": {
 "base": "<p>Describes the failure of a license operation.</p>",
 "refs": {
 "LicenseOperationFailureList$member": null
 }
},
"LicenseOperationFailureList": {
 "base":
null,
 "refs": {
 "ListFailuresForLicenseConfigurationOperationsResponse$LicenseOperationFailureList": "<p>License
configuration operations that failed.</p>"
 }
},
"LicenseSpecification": {
 "base": "<p>Details for associating a license configuration with a resource.</p>",
 "refs": {
 "LicenseSpecifications$member": null
 }
},

```

```

"LicenseSpecifications": {
 "base": null,
 "refs": {
 "ListLicenseSpecificationsForResourceResponse$LicenseSpecifications": "<p>License configurations
associated with a resource.</p>",
 "UpdateLicenseSpecificationsForResourceRequest$AddLicenseSpecifications": "<p>ARNs of the license
configurations to add.</p>",
 "UpdateLicenseSpecificationsForResourceRequest$RemoveLicenseSpecifications": "<p>ARNs of the license
configurations to remove.</p>"
 }
},
"LicenseStatus": {
 "base": null,
 "refs": {
 "CreateLicenseResponse$Status": "<p>License status.</p>",
 "CreateLicenseVersionRequest$Status": "<p>License status.</p>",
 "CreateLicenseVersionResponse$Status": "<p>License status.</p>",
 "GrantedLicense$Status": "<p>Granted license status.</p>",
 "License$Status": "<p>License status.</p>"
 }
},
"LicenseUsage": {
 "base": "<p>Describes the entitlement usage associated with a license.</p>",
 "refs": {
 "GetLicenseUsageResponse$LicenseUsage": "<p>License usage details.</p>"
 }
},
"LicenseUsageException": {
 "base": "<p>You do not have enough licenses available to support a new resource launch.</p>",
 "refs": {
 }
},
"ListAssociationsForLicenseConfigurationRequest": {
 "base": null,
 "refs": {
 }
},
"ListAssociationsForLicenseConfigurationResponse": {
 "base": null,
 "refs": {
 }
},
"ListDistributedGrantsRequest": {
 "base": null,
 "refs": {
 }
},
"ListDistributedGrantsResponse":

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```
{
 "base": null,
 "refs": {
 }
},
"ListFailuresForLicenseConfigurationOperationsRequest": {
 "base": null,
 "refs": {
 }
},
"ListFailuresForLicenseConfigurationOperationsResponse": {
 "base": null,
 "refs": {
 }
},
"ListLicenseConfigurationsRequest": {
 "base": null,
 "refs": {
 }
},
"ListLicenseConfigurationsResponse": {
 "base": null,
 "refs": {
 }
},
"ListLicenseConversionTasksRequest": {
 "base": null,
 "refs": {
 }
},
"ListLicenseConversionTasksResponse": {
 "base": null,
 "refs": {
 }
},
"ListLicenseManagerReportGeneratorsRequest": {
 "base": null,
 "refs": {
 }
},
"ListLicenseManagerReportGeneratorsResponse": {
 "base": null,
 "refs": {
 }
},
"ListLicenseSpecificationsForResourceRequest": {
 "base": null,
 "refs": {
 }
}
```

```
}
},
"ListLicenseSpecificationsForResourceResponse":
{
 "base": null,
 "refs": {
 }
},
"ListLicenseVersionsRequest": {
 "base": null,
 "refs": {
 }
},
"ListLicenseVersionsResponse": {
 "base": null,
 "refs": {
 }
},
"ListLicensesRequest": {
 "base": null,
 "refs": {
 }
},
"ListLicensesResponse": {
 "base": null,
 "refs": {
 }
},
"ListReceivedGrantsForOrganizationRequest": {
 "base": null,
 "refs": {
 }
},
"ListReceivedGrantsForOrganizationResponse": {
 "base": null,
 "refs": {
 }
},
"ListReceivedGrantsRequest": {
 "base": null,
 "refs": {
 }
},
"ListReceivedGrantsResponse": {
 "base": null,
 "refs": {
 }
},
},
```

```
"ListReceivedLicensesForOrganizationRequest": {
 "base": null,
 "refs": {
 }
},
"ListReceivedLicensesForOrganizationResponse": {
 "base": null,
 "refs": {
 }
},
"ListReceivedLicensesRequest":
{
 "base": null,
 "refs": {
 }
},
"ListReceivedLicensesResponse": {
 "base": null,
 "refs": {
 }
},
"ListResourceInventoryRequest": {
 "base": null,
 "refs": {
 }
},
"ListResourceInventoryResponse": {
 "base": null,
 "refs": {
 }
},
"ListTagsForResourceRequest": {
 "base": null,
 "refs": {
 }
},
"ListTagsForResourceResponse": {
 "base": null,
 "refs": {
 }
},
"ListTokensRequest": {
 "base": null,
 "refs": {
 }
},
"ListTokensResponse": {
 "base": null,
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"refs": {
}
},
>ListUsageForLicenseConfigurationRequest": {
"base": null,
"refs": {
}
},
>ListUsageForLicenseConfigurationResponse": {
"base": null,
"refs": {
}
},
"Location": {
"base": null,
"refs": {
"RedirectException$Location": null
}
},
"Long":
{
"base": null,
"refs": {
"Entitlement$MaxCount": "<p>Maximum entitlement count. Use if the unit is not None.</p>"
}
},
"ManagedResourceSummary": {
"base": "<p>Summary information about a managed resource.</p>",
"refs": {
"ManagedResourceSummaryList$member": null
}
},
"ManagedResourceSummaryList": {
"base": null,
"refs": {
"GetLicenseConfigurationResponse$ManagedResourceSummaryList": "<p>Summaries of the managed
resources.</p>",
"LicenseConfiguration$ManagedResourceSummaryList": "<p>Summaries for managed resources.</p>"
}
},
"MaxSize100": {
"base": null,
"refs": {
>ListDistributedGrantsRequest$MaxResults": "<p>Maximum number of results to return in a single call.</p>",
>ListLicenseManagerReportGeneratorsRequest$MaxResults": "<p>Maximum number of results to return in a
single call.</p>",
>ListLicenseVersionsRequest$MaxResults": "<p>Maximum

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number of results to return in a single call.</p>",
 "ListLicensesRequest$MaxResults": "<p>Maximum number of results to return in a single call.</p>",
 "ListReceivedGrantsForOrganizationRequest$MaxResults": "<p>Maximum number of results to return in a
single call.</p>",
 "ListReceivedGrantsRequest$MaxResults": "<p>Maximum number of results to return in a single call.</p>",
 "ListReceivedLicensesForOrganizationRequest$MaxResults": "<p>Maximum number of results to return in a
single call.</p>",
 "ListReceivedLicensesRequest$MaxResults": "<p>Maximum number of results to return in a single call.</p>",
 "ListTokensRequest$MaxResults": "<p>Maximum number of results to return in a single call.</p>"
}
},
"MaxSize3StringList": {
 "base": null,
 "refs": {
 "CreateTokenRequest$TokenProperties": "<p>Data specified by the caller to be included in the JWT token. The
data is mapped to the amr claim of the JWT token.</p>",

 "GetAccessTokenRequest$TokenProperties": "<p>Token properties to validate against those present in the JWT
token.</p>",
 "TokenData$TokenProperties": "<p>Data specified by the caller.</p>"
 }
},
"Message": {
 "base": null,
 "refs": {
 "AccessDeniedException$Message": null,
 "AuthorizationException$Message": null,
 "ConflictException$Message": null,
 "EntitlementNotAllowedException$Message": null,
 "FailedDependencyException$Message": null,
 "FilterLimitExceededException$Message": null,
 "InvalidParameterValueException$Message": null,
 "InvalidResourceStateException$Message": null,
 "LicenseUsageException$Message": null,
 "NoEntitlementsAllowedException$Message": null,
 "RateLimitExceededException$Message": null,
 "RedirectException$Message": null,
 "ResourceLimitExceededException$Message": null,
 "ResourceNotFoundException$Message": null,
 "ServerInternalException$Message":
null,
 "UnsupportedDigitalSignatureMethodException$Message": null,
 "ValidationException$Message": null
 }
},
"Metadata": {
 "base": "<p>Describes key/value pairs.</p>",
 "refs": {

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"MetadataList$member": null
}
},
"MetadataList": {
 "base": null,
 "refs": {
 "CheckoutBorrowLicenseRequest$CheckoutMetadata": "<p>Information about constraints.</p>",
 "CheckoutBorrowLicenseResponse$CheckoutMetadata": "<p>Information about constraints.</p>",
 "CreateLicenseRequest$LicenseMetadata": "<p>Information about the license.</p>",
 "CreateLicenseVersionRequest$LicenseMetadata": "<p>Information about the license.</p>",
 "GrantedLicense$LicenseMetadata": "<p>Granted license metadata.</p>",
 "License$LicenseMetadata": "<p>License metadata.</p>",
 "LicenseOperationFailure$MetadataList": "<p>Reserved.</p>"
 }
},
"NoEntitlementsAllowedException": {
 "base": "<p>There are no entitlements found for this license, or the entitlement maximum count is reached.</p>",
 "refs": {
 }
},
"Options": {
 "base": "<p>The options you can specify when you create a new version of a grant, such as activation override behavior. For more information, see Granted licenses in License Manager in the <i>License Manager User Guide</i>.</p>",
 "refs": {
 "CreateGrantVersionRequest$Options": "<p>The options specified for the grant.</p>",
 "Grant$Options": "<p>The options specified for the grant.</p>"
 }
},
"OrganizationConfiguration": {
 "base": "<p>Configuration information for Organizations.</p>",
 "refs": {
 "GetServiceSettingsResponse$OrganizationConfiguration": "<p>Indicates whether Organizations is integrated with License Manager for cross-account discovery.</p>",
 "UpdateServiceSettingsRequest$OrganizationConfiguration":
"<p>Enables integration with Organizations for cross-account discovery.</p>"
 }
},
"PrincipalArnList": {
 "base": null,
 "refs": {
 "CreateGrantRequest$Principals": "<p>The grant principals. You can specify one of the following as an Amazon Resource Name (ARN):</p> <p>An Amazon Web Services account, which includes only the account specified.</p> <p>An organizational unit (OU), which includes all accounts in the OU.</p> <p>An organization, which will include all accounts across your organization.</p> "
 }
}

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 }
 },
 "ProductInformation": {
 "base": "<p>Describes product information for a license configuration.</p>",
 "refs": {
 "ProductInformationList$member": null
 }
 },
 "ProductInformationFilter": {
 "base": "<p>Describes product information filters.</p>",
 "refs": {
 "ProductInformationFilterList$member":
null
 }
 },
 "ProductInformationFilterList": {
 "base": null,
 "refs": {
 "ProductInformation$ProductInformationFilterList": "<p>A Product information filter consists of a
<code>ProductInformationFilterComparator</code> which is a logical operator, a
<code>ProductInformationFilterName</code> which specifies the type of filter being declared, and a
<code>ProductInformationFilterValue</code> that specifies the value to filter on. </p> <p>Accepted values for
<code>ProductInformationFilterName</code> are listed here along with descriptions and valid options for
<code>ProductInformationFilterComparator</code>. </p> <p>The following filters and are supported when the
resource type is <code>SSM_MANAGED</code>:</p> <p> <code>Application Name</code> - The
name of the application. Logical operator is <code>EQUALS</code>.</p> <p> <code>Application
Publisher</code> - The publisher of the application. Logical operator is <code>EQUALS</code>.</p>
 <p> <code>Application Version</code> - The version of the application. Logical operator is
<code>EQUALS</code>.</p> <p> <code>Platform Name</code> - The name of the platform. Logical
operator is <code>EQUALS</code>.</p> <p> <code>Platform Type</code> - The platform type.
Logical operator is <code>EQUALS</code>.</p> <p> <code>Tag:key</code> - The key of a tag
attached to an Amazon Web Services resource you wish to exclude from automated discovery. Logical operator is
<code>NOT_EQUALS</code>. The key for your tag must be appended to <code>Tag:</code> following the
example: <code>Tag:name-of-your-key</code>. <code>ProductInformationFilterValue</code> is optional if you
are not using values for the key. </p> <p> <code>AccountId</code> - The 12-digit ID of an Amazon
Web Services account you wish to exclude from automated discovery. Logical operator is
<code>NOT_EQUALS</code>.</p> <p> <code>License Included</code> -
The type of license included. Logical operators are <code>EQUALS</code> and <code>NOT_EQUALS</code>.
Possible values are: <code>sql-server-enterprise</code> | <code>sql-server-standard</code> | <code>sql-server-
web</code> | <code>windows-server-datacenter</code>.</p> <p>The following filters and logical
operators are supported when the resource type is <code>RDS</code>:</p> <p> <code>Engine
Edition</code> - The edition of the database engine. Logical operator is <code>EQUALS</code>. Possible values
are: <code>oracle-ee</code> | <code>oracle-se</code> | <code>oracle-se1</code> | <code>oracle-se2</code>.</p>
 <p> <code>License Pack</code> - The license pack. Logical operator is <code>EQUALS</code>.
Possible values are: <code>data guard</code> | <code>diagnostic pack sqlt</code> | <code>tuning pack
sqlt</code> | <code>ols</code> | <code>olap</code>.</p> "
 }
 },

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"ProductInformationList": {
 "base": null,
 "refs": {
 "CreateLicenseConfigurationRequest$ProductInformationList":
"<p>Product information.</p>",
 "GetLicenseConfigurationResponse$ProductInformationList": "<p>Product information.</p>",
 "LicenseConfiguration$ProductInformationList": "<p>Product information.</p>",
 "UpdateLicenseConfigurationRequest$ProductInformationList": "<p>New product information.</p>"
 }
},
"ProvisionalConfiguration": {
 "base": "<p>Details about a provisional configuration.</p>",
 "refs": {
 "ConsumptionConfiguration$ProvisionalConfiguration": "<p>Details about a provisional configuration.</p>"
 }
},
"RateLimitExceededException": {
 "base": "<p>Too many requests have been submitted. Try again after a brief wait.</p>",
 "refs": {
 }
},
"ReceivedMetadata": {
 "base": "<p>Metadata associated with received licenses and grants.</p>",
 "refs": {
 "GrantedLicense$ReceivedMetadata": "<p>Granted license received metadata.</p>"
 }
},
"ReceivedStatus": {
 "base": null,
 "refs": {
 "ReceivedMetadata$ReceivedStatus": "<p>Received status.</p>"
 }
},
"RedirectException": {
 "base": "<p>This is not the correct Region for the resource. Try again.</p>",
 "refs": {
 }
},
"RejectGrantRequest": {
 "base": null,
 "refs": {
 }
},
"RejectGrantResponse": {
 "base": null,
 "refs": {
 }
},

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"RenewType": {
 "base": null,
 "refs": {
 "ConsumptionConfiguration$RenewType": "<p>Renewal frequency.</p>"
 }
},
"ReportContext": {
 "base": "<p>Details of the license configuration that this generator reports on.</p>",
 "refs": {
 "CreateLicenseManagerReportGeneratorRequest$ReportContext": "<p>Defines the type of license configuration the report generator tracks.</p>",
 "ReportGenerator$ReportContext": "<p>License configuration type for this generator.</p>",
 "UpdateLicenseManagerReportGeneratorRequest$ReportContext":
"<p>The report context.</p>"
 }
},
"ReportFrequency": {
 "base": "<p>Details about how frequently reports are generated.</p>",
 "refs": {
 "CreateLicenseManagerReportGeneratorRequest$ReportFrequency": "<p>Frequency by which reports are generated. Reports can be generated daily, monthly, or weekly.</p>",
 "ReportGenerator$ReportFrequency": "<p>Details about how frequently reports are generated.</p>",
 "UpdateLicenseManagerReportGeneratorRequest$ReportFrequency": "<p>Frequency by which reports are generated.</p>"
 }
},
"ReportFrequencyType": {
 "base": null,
 "refs": {
 "ReportFrequency$period": "<p>Time period between each report. The period can be daily, weekly, or monthly.</p>"
 }
},
"ReportGenerator": {
 "base": "<p>Describe the details of a report generator.</p>",
 "refs": {
 "GetLicenseManagerReportGeneratorResponse$ReportGenerator":
"<p>A report generator that creates periodic reports about your license configurations.</p>",
 "ReportGeneratorList$member": null
 }
},
"ReportGeneratorList": {
 "base": null,
 "refs": {
 "ListLicenseManagerReportGeneratorsResponse$ReportGenerators": "<p>A report generator that creates periodic reports about your license configurations.</p>"
 }
},

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"ReportGeneratorName": {
 "base": null,
 "refs": {
 "CreateLicenseManagerReportGeneratorRequest$ReportGeneratorName": "<p>Name of the report
generator.</p>",
 "UpdateLicenseManagerReportGeneratorRequest$ReportGeneratorName": "<p>Name of the report
generator.</p>"
 }
},
"ReportType": {
 "base": null,
 "refs": {
 "ReportTypeList$member": null
 }
},
"ReportTypeList": {
 "base": null,
 "refs": {
 "CreateLicenseManagerReportGeneratorRequest$Type": "<p>Type of reports to generate. The following report
types an
be generated:</p> <p>License configuration report - Reports the number and details of consumed
licenses for a license configuration.</p> <p>Resource report - Reports the tracked licenses and resource
consumption for a license configuration.</p> ",
 "ReportGenerator$ReportType": "<p>Type of reports that are generated.</p>",
 "UpdateLicenseManagerReportGeneratorRequest$Type": "<p>Type of reports to generate. The following
report types are supported:</p> <p>License configuration report - Reports the number and details of
consumed licenses for a license configuration.</p> <p>Resource report - Reports the tracked licenses and
resource consumption for a license configuration.</p> "
 }
},
"ResourceInventory": {
 "base": "<p>Details about a resource.</p>",
 "refs": {
 "ResourceInventoryList$member": null
 }
},
"ResourceInventoryList": {
 "base": null,
 "refs": {
 "ListResourceInventoryResponse$ResourceInventoryList": "<p>Information about the resources.</p>"
 }
},
"ResourceLimitExceededException": {
 "base": "<p>Your resource limits have been exceeded.</p>",
 "refs": {
 }
},
"ResourceNotFoundException": {

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"base": "<p>The resource cannot be found.</p>",
"refs": {
}
},
"ResourceType": {
"base": null,
"refs": {
"ConsumedLicenseSummary$ResourceType": "<p>Resource type of the resource consuming a license.</p>",
"LicenseConfigurationAssociation$ResourceType": "<p>Type of server resource.</p>",
"LicenseConfigurationUsage$ResourceType": "<p>Type of resource.</p>",
"LicenseOperationFailure$ResourceType": "<p>Resource type.</p>",
"ManagedResourceSummary$ResourceType": "<p>Type of resource associated with a license.</p>",
"ResourceInventory$ResourceType": "<p>Type of resource.</p>"
}
},
"S3Location": {
"base":
"<p>Details of the S3 bucket that report generator reports are published to.</p>",
"refs": {
"ReportGenerator$S3Location": "<p>Details of the S3 bucket that report generator reports are published
to.</p>"
}
},
"ServerInternalException": {
"base": "<p>The server experienced an internal error. Try again.</p>",
"refs": {
}
},
"SignedToken": {
"base": null,
"refs": {
"CheckoutBorrowLicenseResponse$SignedToken": "<p>Signed token.</p>",
"CheckoutLicenseResponse$SignedToken": "<p>Signed token.</p>"
}
},
"StatusReasonMessage": {
"base": null,
"refs": {
"CreateGrantVersionRequest$StatusReason": "<p>Grant status reason.</p>",
>DeleteGrantRequest$StatusReason": "<p>The Status reason for the delete request.</p>",
"Grant$StatusReason": "<p>Grant status reason.</p>",
"ReceivedMetadata$ReceivedStatusReason": "<p>Received status reason.</p>"
}
},
"String": {
"base": null,
"refs": {

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"AcceptGrantResponse\$Version": "<p>Grant version.</p>",

"CheckInLicenseRequest\$LicenseConsumptionToken": "<p>License consumption token.</p>",

"CheckInLicenseRequest\$Beneficiary": "<p>License beneficiary.</p>",

"CheckoutBorrowLicenseRequest\$NodeId": "<p>Node ID.</p>",

"CheckoutBorrowLicenseResponse\$LicenseConsumptionToken": "<p>License consumption token.</p>",

"CheckoutBorrowLicenseResponse\$NodeId": "<p>Node ID.</p>",

"CheckoutLicenseRequest\$ProductSKU": "<p>Product SKU.</p>",

"CheckoutLicenseRequest\$KeyFingerprint": "<p>Key fingerprint identifying the license.</p>",

"CheckoutLicenseRequest\$Beneficiary": "<p>License beneficiary.</p>",

"CheckoutLicenseRequest\$NodeId": "<p>Node ID.</p>",

"CheckoutLicenseResponse\$LicenseConsumptionToken": "<p>License consumption token.</p>",

"CheckoutLicenseResponse\$NodeId": "<p>Node ID.</p>",

"CheckoutLicenseResponse\$LicenseArn":

<p>Amazon Resource Name (ARN) of the checkout license.</p>",

"CreateGrantRequest\$GrantName": "<p>Grant name.</p>",

"CreateGrantRequest\$HomeRegion": "<p>Home Region of the grant.</p>",

"CreateGrantResponse\$Version": "<p>Grant version.</p>",

"CreateGrantVersionRequest\$GrantName": "<p>Grant name.</p>",

"CreateGrantVersionRequest\$SourceVersion": "<p>Current version of the grant.</p>",

"CreateGrantVersionResponse\$Version": "<p>New version of the grant.</p>",

"CreateLicenseConfigurationRequest\$Name": "<p>Name of the license configuration.</p>",

"CreateLicenseConfigurationRequest\$Description": "<p>Description of the license configuration.</p>",

"CreateLicenseConfigurationResponse\$LicenseConfigurationArn": "<p>Amazon Resource Name (ARN) of the license configuration.</p>",

"CreateLicenseManagerReportGeneratorRequest\$Description": "<p>Description of the report generator.</p>",

"CreateLicenseManagerReportGeneratorResponse\$LicenseManagerReportGeneratorArn":

<p>The Amazon Resource Name (ARN) of the new report generator.</p>",

"CreateLicenseRequest\$LicenseName": "<p>License name.</p>",

"CreateLicenseRequest\$ProductName": "<p>Product name.</p>",

"CreateLicenseRequest\$ProductSKU": "<p>Product SKU.</p>",

"CreateLicenseRequest\$HomeRegion": "<p>Home Region for the license.</p>",

"CreateLicenseRequest\$Beneficiary": "<p>License beneficiary.</p>",

"CreateLicenseResponse\$Version": "<p>License version.</p>",

"CreateLicenseVersionRequest\$LicenseName": "<p>License name.</p>",

"CreateLicenseVersionRequest\$ProductName": "<p>Product name.</p>",

"CreateLicenseVersionRequest\$HomeRegion": "<p>Home Region of the license.</p>",

"CreateLicenseVersionRequest\$SourceVersion": "<p>Current version of the license.</p>",

"CreateLicenseVersionResponse\$Version": "<p>New version of the license.</p>",

"CreateTokenResponse\$TokenId":

<p>Token ID.</p>",

"DeleteGrantRequest\$Version": "<p>Current version of the grant.</p>",

"DeleteGrantResponse\$Version": "<p>Grant version.</p>",

"DeleteLicenseConfigurationRequest\$LicenseConfigurationArn": "<p>ID of the license configuration.</p>",

"DeleteLicenseManagerReportGeneratorRequest\$LicenseManagerReportGeneratorArn": "<p>Amazon Resource Name (ARN) of the report generator to be deleted.</p>",

"DeleteLicenseRequest\$SourceVersion": "<p>Current version of the license.</p>",

"DeleteTokenRequest\$TokenId": "<p>Token ID.</p>",

"Entitlement\$Name": "<p>Entitlement name.</p>",

"Entitlement\$Value": "<p>Entitlement resource. Use only if the unit is None.</p>",

"EntitlementData\$Name": "<p>Entitlement data name.</p>",

"EntitlementData\$Value": "<p>Entitlement data value.</p>",

"EntitlementUsage\$Name": "<p>Entitlement usage name.</p>",

"EntitlementUsage\$ConsumedValue":

"<p>Resource usage consumed.</p>",

"EntitlementUsage\$MaxCount": "<p>Maximum entitlement usage count.</p>",

"ExtendLicenseConsumptionRequest\$LicenseConsumptionToken": "<p>License consumption token.</p>",

"ExtendLicenseConsumptionResponse\$LicenseConsumptionToken": "<p>License consumption token.</p>",

"FailedDependencyException\$ErrorCode": null,

"GetGrantRequest\$Version": "<p>Grant version.</p>",

"GetLicenseConfigurationRequest\$LicenseConfigurationArn": "<p>Amazon Resource Name (ARN) of the license configuration.</p>",

"GetLicenseConfigurationResponse\$LicenseConfigurationId": "<p>Unique ID for the license configuration.</p>",

"GetLicenseConfigurationResponse\$LicenseConfigurationArn": "<p>Amazon Resource Name (ARN) of the license configuration.</p>",

"GetLicenseConfigurationResponse\$Name": "<p>Name of the license configuration.</p>",

"GetLicenseConfigurationResponse\$Description": "<p>Description of the license configuration.</p>",

"GetLicenseConfigurationResponse\$Status": "<p>License configuration status.</p>",

"GetLicenseConfigurationResponse\$OwnerAccountId": "<p>Account ID of the owner of the license configuration.</p>",

"GetLicenseConversionTaskResponse\$ResourceArn": "<p>Amazon Resource Names (ARN) of the resources the license conversion task is associated with.</p>",

"GetLicenseConversionTaskResponse\$StatusMessage": "<p>The status message for the conversion task.</p>",

"GetLicenseManagerReportGeneratorRequest\$LicenseManagerReportGeneratorArn": "<p>Amazon Resource Name (ARN) of the report generator.</p>",

"GetLicenseRequest\$Version": "<p>License version.</p>",

"GetServiceSettingsResponse\$S3BucketArn": "<p>Regional S3 bucket path for storing reports, license trail event data, discovery data, and so on.</p>",

"GetServiceSettingsResponse\$SnsTopicArn": "<p>SNS topic configured to receive notifications from License Manager.</p>",

"GetServiceSettingsResponse\$LicenseManagerResourceShareArn": "<p>Amazon Resource Name (ARN) of the resource share. The License Manager management account provides member accounts with access to this share.</p>",

"Grant\$GrantName": "<p>Grant name.</p>",

"Grant\$HomeRegion": "<p>Home Region of the grant.</p>",

"Grant\$Version": "<p>Grant version.</p>",

"GrantedLicense\$LicenseName": "<p>License name.</p>",

"GrantedLicense\$ProductName": "<p>Product name.</p>",

"GrantedLicense\$ProductSKU": "<p>Product SKU.</p>",

"GrantedLicense\$HomeRegion": "<p>Home Region of the granted license.</p>",

"GrantedLicense\$Beneficiary": "<p>Granted license beneficiary.</p>",

"GrantedLicense\$Version": "<p>Version of the granted license.</p>",

"InventoryFilter\$Name": "<p>Name of the filter.</p>",

"InventoryFilter\$Value": "<p>Value of the filter.</p>",

"Issuer\$Name": "<p>Issuer name.</p>",

"Issuer\$SignKey":  
 "<p>Asymmetric KMS key from Key Management Service. The KMS key must have a key usage of sign and verify, and support the RSASSA-PSS SHA-256 signing algorithm.</p>",  
 "IssuerDetails\$Name": "<p>Issuer name.</p>",  
 "IssuerDetails\$SignKey": "<p>Asymmetric KMS key from Key Management Service. The KMS key must have a key usage of sign and verify, and support the RSASSA-PSS SHA-256 signing algorithm.</p>",  
 "IssuerDetails\$KeyFingerprint": "<p>Issuer key fingerprint.</p>",  
 "License\$LicenseName": "<p>License name.</p>",  
 "License\$ProductName": "<p>Product name.</p>",  
 "License\$ProductSKU": "<p>Product SKU.</p>",  
 "License\$HomeRegion": "<p>Home Region of the license.</p>",  
 "License\$Beneficiary": "<p>License beneficiary.</p>",  
 "License\$Version": "<p>License version.</p>",  
 "LicenseConfiguration\$LicenseConfigurationId": "<p>Unique ID of the license configuration.</p>",  
 "LicenseConfiguration\$LicenseConfigurationArn":  
 "<p>Amazon Resource Name (ARN) of the license configuration.</p>",  
 "LicenseConfiguration\$Name": "<p>Name of the license configuration.</p>",  
 "LicenseConfiguration\$Description": "<p>Description of the license configuration.</p>",  
 "LicenseConfiguration\$Status": "<p>Status of the license configuration.</p>",  
 "LicenseConfiguration\$OwnerAccountId": "<p>Account ID of the license configuration's owner.</p>",  
 "LicenseConfigurationAssociation\$ResourceArn": "<p>Amazon Resource Name (ARN) of the resource.</p>",  
 "LicenseConfigurationAssociation\$ResourceOwnerId": "<p>ID of the Amazon Web Services account that owns the resource consuming licenses.</p>",  
 "LicenseConfigurationAssociation\$AmiAssociationScope": "<p>Scope of AMI associations. The possible value is <code>cross-account</code>.</p>",  
 "LicenseConfigurationUsage\$ResourceArn": "<p>Amazon Resource Name (ARN) of the resource.</p>",  
 "LicenseConfigurationUsage\$ResourceStatus":  
 "<p>Status of the resource.</p>",  
 "LicenseConfigurationUsage\$ResourceOwnerId": "<p>ID of the account that owns the resource.</p>",  
 "LicenseConversionTask\$ResourceArn": "<p>The Amazon Resource Name (ARN) of the resource associated with the license type conversion task.</p>",  
 "LicenseConversionTask\$StatusMessage": "<p>The status message for the conversion task.</p>",  
 "LicenseOperationFailure\$ResourceArn": "<p>Amazon Resource Name (ARN) of the resource.</p>",  
 "LicenseOperationFailure\$ErrorMessage": "<p>Error message.</p>",  
 "LicenseOperationFailure\$OperationName": "<p>Name of the operation.</p>",  
 "LicenseOperationFailure\$ResourceOwnerId": "<p>ID of the Amazon Web Services account that owns the resource.</p>",  
 "LicenseOperationFailure\$OperationRequestedBy": "<p>The requester is \"License Manager Automated Discovery\".</p>",  
 "LicenseSpecification\$LicenseConfigurationArn": "<p>Amazon Resource Name (ARN) of the license configuration.</p>",  
 "LicenseSpecification\$AmiAssociationScope": "<p>Scope of AMI associations. The possible value is <code>cross-account</code>.</p>",  
 "ListAssociationsForLicenseConfigurationRequest\$LicenseConfigurationArn": "<p>Amazon Resource Name (ARN) of a license configuration.</p>",  
 "ListAssociationsForLicenseConfigurationRequest\$NextToken": "<p>Token for the next set of results.</p>",  
 "ListAssociationsForLicenseConfigurationResponse\$NextToken": "<p>Token for the next set of results.</p>",  
 "ListDistributedGrantsRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListDistributedGrantsResponse\$NextToken": "<p>Token for the next set of results.</p>",

"ListFailuresForLicenseConfigurationOperationsRequest\$LicenseConfigurationArn": "<p>Amazon Resource Name of the license configuration.</p>",

"ListFailuresForLicenseConfigurationOperationsRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListFailuresForLicenseConfigurationOperationsResponse\$NextToken": "<p>Token for the next set of results.</p>",

"ListLicenseConfigurationsRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListLicenseConfigurationsResponse\$NextToken": "<p>Token for the next set of results.</p>",

"ListLicenseConversionTasksRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListLicenseConversionTasksResponse\$NextToken": "<p>Token for the next set of results.</p>",

"ListLicenseManagerReportGeneratorsRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListLicenseManagerReportGeneratorsResponse\$NextToken": "<p>Token for the next set of results.</p>",

"ListLicenseSpecificationsForResourceRequest\$ResourceArn": "<p>Amazon Resource Name (ARN) of a resource that has an associated license configuration.</p>",

"ListLicenseSpecificationsForResourceRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListLicenseSpecificationsForResourceResponse\$NextToken": "<p>Token for the next set of results.</p>",

"ListLicenseVersionsRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListLicenseVersionsResponse\$NextToken": "<p>Token for the next set of results.</p>",

"ListLicensesRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListLicensesResponse\$NextToken": "<p>Token for the next set of results.</p>",

"ListReceivedGrantsForOrganizationRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListReceivedGrantsForOrganizationResponse\$NextToken": "<p>Token for the next set of results.</p>",

"ListReceivedGrantsRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListReceivedGrantsResponse\$NextToken": "<p>Token for the next set of results.</p>",

"ListReceivedLicensesForOrganizationRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListReceivedLicensesForOrganizationResponse\$NextToken":

"<p>Token for the next set of results.</p>",

"ListReceivedLicensesRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListReceivedLicensesResponse\$NextToken": "<p>Token for the next set of results.</p>",

"ListResourceInventoryRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListResourceInventoryResponse\$NextToken": "<p>Token for the next set of results.</p>",

"ListTagsForResourceRequest\$ResourceArn": "<p>Amazon Resource Name (ARN) of the license configuration.</p>",

"ListTokensRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListTokensResponse\$NextToken": "<p>Token for the next set of results.</p>",

"ListUsageForLicenseConfigurationRequest\$LicenseConfigurationArn": "<p>Amazon Resource Name (ARN) of the license configuration.</p>",

"ListUsageForLicenseConfigurationRequest\$NextToken": "<p>Token for the next set of results.</p>",

"ListUsageForLicenseConfigurationResponse\$NextToken": "<p>Token for the next set of results.</p>",

"MaxSize3StringList\$member": null,

"Metadata\$Name": "<p>The key name.</p>",

"Metadata\$Value": "<p>The value.</p>",

"ProductInformation\$ResourceType": "<p>Resource type. The possible values are <code>SSM\_MANAGED</code> | <code>RDS</code>.</p>",

"ProductInformationFilter\$ProductInformationFilterName": "<p>Filter name.</p>",

"ProductInformationFilter\$ProductInformationFilterComparator": "<p>Logical operator.</p>",

"RejectGrantResponse\$Version": "<p>Grant version.</p>",

"ReportGenerator\$ReportGeneratorName": "<p>Name of the report generator.</p>",

"ReportGenerator\$LicenseManagerReportGeneratorArn": "<p>Amazon Resource Name (ARN) of the report generator.</p>",

"ReportGenerator\$LastRunStatus": "<p>Status of the last report generation attempt.</p>",

"ReportGenerator\$LastRunFailureReason": "<p>Failure message for the last report generation attempt.</p>",

"ReportGenerator\$LastReportGenerationTime": "<p>Time the last report was generated at.</p>",

"ReportGenerator\$ReportCreatorAccount": "<p>The Amazon Web Services account ID used to create the report generator.</p>",

"ReportGenerator\$Description": "<p>Description of the report generator.</p>",

"ReportGenerator\$CreateTime": "<p>Time the report was created.</p>",

"ResourceInventory\$ResourceId": "<p>ID of the resource.</p>",

"ResourceInventory\$ResourceArn": "<p>Amazon Resource Name (ARN) of the resource.</p>",

"ResourceInventory\$Platform": "<p>Platform of the resource.</p>",

"ResourceInventory\$PlatformVersion": "<p>Platform version of the resource in the inventory.</p>",

"ResourceInventory\$ResourceOwningAccountId": "<p>ID of the account that owns the resource.</p>",

"S3Location\$bucket": "<p>Name of the S3 bucket reports are published to.</p>",

"S3Location\$keyPrefix": "<p>Prefix of the S3 bucket reports are published to.</p>",

"StringList\$member": null,

"Tag\$Key": "<p>Tag key.</p>",

"Tag\$Value": "<p>Tag value.</p>",

"TagKeyList\$member": null,

"TagResourceRequest\$ResourceArn": "<p>Amazon Resource Name (ARN) of the license configuration.</p>",

"TokenData\$TokenId": "<p>Token ID.</p>",

"TokenData\$TokenType": "<p>Type of token generated. The supported value is <code>REFRESH\_TOKEN</code>.</p>",

"TokenData\$LicenseArn": "<p>Amazon Resource Name (ARN) of the license.</p>",

"TokenData\$Status": "<p>Token status. The possible values are <code>AVAILABLE</code> and <code>DELETED</code>.</p>",

"UntagResourceRequest\$ResourceArn": "<p>Amazon Resource Name (ARN) of the license configuration.</p>",

"UpdateLicenseConfigurationRequest\$LicenseConfigurationArn": "<p>Amazon Resource Name (ARN) of the license configuration.</p>",

"UpdateLicenseConfigurationRequest\$Name": "<p>New name of the license configuration.</p>",

"UpdateLicenseConfigurationRequest\$Description": "<p>New description of the license configuration.</p>",

"UpdateLicenseManagerReportGeneratorRequest\$LicenseManagerReportGeneratorArn": "<p>Amazon Resource Name (ARN) of the report generator to update.</p>",

"UpdateLicenseManagerReportGeneratorRequest\$Description": "<p>Description of the report generator.</p>",

"UpdateLicenseSpecificationsForResourceRequest\$ResourceArn": "<p>Amazon Resource Name (ARN) of the Amazon Web Services resource.</p>",

"UpdateServiceSettingsRequest\$S3BucketArn": "<p>Amazon Resource Name (ARN) of the Amazon S3 bucket where the License Manager information is stored.</p>",

"UpdateServiceSettingsRequest\$SnsTopicArn": "<p>Amazon Resource Name (ARN) of the Amazon SNS topic used for License Manager alerts.</p>"

}

```

},
"StringList": {
 "base": null,
 "refs": {
 "CreateLicenseConfigurationRequest$LicenseRules":
 "<p>License rules. The syntax is #name=value (for example, #allowedTenancy=EC2-DedicatedHost). The
 available rules vary by dimension, as follows.</p>

 <p> <code>Cores</code> dimension:
 <code>allowedTenancy</code> | <code>licenseAffinityToHost</code> | <code>maximumCores</code> |
 <code>minimumCores</code> </p>
 <p> <code>Instances</code> dimension:
 <code>allowedTenancy</code> | <code>maximumCores</code> | <code>minimumCores</code> |
 <code>maximumSockets</code> | <code>minimumSockets</code> | <code>maximumVcpus</code> |
 <code>minimumVcpus</code> </p>
 <p> <code>Sockets</code> dimension:
 <code>allowedTenancy</code> | <code>licenseAffinityToHost</code> | <code>maximumSockets</code> |
 <code>minimumSockets</code> </p>
 <p> <code>vCPUs</code> dimension:
 <code>allowedTenancy</code> | <code>honorVcpuOptimization</code> | <code>maximumVcpus</code> |
 <code>minimumVcpus</code> </p>

 <p>The unit for <code>licenseAffinityToHost</code>
 is days and the range is 1 to 180. The possible values for <code>allowedTenancy</code> are <code>EC2-
 Default</code>, <code>EC2-DedicatedHost</code>, and <code>EC2-DedicatedInstance</code>. The possible
 values for <code>honorVcpuOptimization</code> are <code>True</code> and <code>False</code>.</p>",
 "GetLicenseConfigurationResponse$LicenseRules": "<p>License rules.</p>",
 "LicenseConfiguration$LicenseRules": "<p>License rules.</p>",
 "ListLicenseConfigurationsRequest$LicenseConfigurationArns": "<p>Amazon Resource Names (ARN) of the
 license configurations.</p>",
 "ListTokensRequest$TokenIds": "<p>Token IDs.</p>",
 "ProductInformationFilter$ProductInformationFilterValue": "<p>Filter value.</p>",
 "UpdateLicenseConfigurationRequest$LicenseRules": "<p>New license rule. The only rule that you can add
 after you create a license configuration is licenseAffinityToHost.</p>"
 }
}
},
"Tag": {
 "base": "<p>Details about a tag
 for a license configuration.</p>",
 "refs": {
 "TagList$member": null
 }
},
"TagKeyList": {
 "base": null,
 "refs": {
 "UntagResourceRequest$TagKeys": "<p>Keys identifying the tags to remove.</p>"
 }
},
"TagList": {
 "base": null,
 "refs": {
 "CreateLicenseConfigurationRequest$Tags": "<p>Tags to add to the license configuration.</p>",
 "CreateLicenseManagerReportGeneratorRequest$Tags": "<p>Tags to add to the report generator.</p>",
 "GetLicenseConfigurationResponse$Tags": "<p>Tags for the license configuration.</p>",

```

```

 "ListTagsForResourceResponse$Tags": "<p>Information about the tags.</p>",
 "ReportGenerator$Tags": "<p>Tags associated with the report generator.</p>",
 "TagResourceRequest$Tags": "<p>One or more tags.</p>"
 }
},
"TagResourceRequest": {
 "base": null,
 "refs": {
 }
},
"TagResourceResponse": {
 "base": null,
 "refs": {

 }
},
"TokenData": {
 "base": "<p>Describes a token.</p>",
 "refs": {
 "TokenList$member": null
 }
},
"TokenList": {
 "base": null,
 "refs": {
 "ListTokensResponse$Tokens": "<p>Received token details.</p>"
 }
},
"TokenString": {
 "base": null,
 "refs": {
 "CreateTokenResponse$Token": "<p>Refresh token, encoded as a JWT token.</p>",
 "GetAccessTokenRequest$Token": "<p>Refresh token, encoded as a JWT token.</p>",
 "GetAccessTokenResponse$AccessToken": "<p>Temporary access token.</p>"
 }
},
"TokenType": {
 "base": null,
 "refs": {
 "CreateTokenResponse$TokenType": "<p>Token type.</p>"
 }
},
"UnsupportedDigitalSignatureMethodException": {
 "base": "<p>The digital signature method is unsupported. Try your request again.</p>",
 "refs": {
 }
},
"UntagResourceRequest": {

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 "base": null,
 "refs": {
 }
 },
 "UntagResourceResponse":
 {
 "base": null,
 "refs": {
 }
 },
 "UpdateLicenseConfigurationRequest": {
 "base": null,
 "refs": {
 }
 },
 "UpdateLicenseConfigurationResponse": {
 "base": null,
 "refs": {
 }
 },
 "UpdateLicenseManagerReportGeneratorRequest": {
 "base": null,
 "refs": {
 }
 },
 "UpdateLicenseManagerReportGeneratorResponse": {
 "base": null,
 "refs": {
 }
 },
 "UpdateLicenseSpecificationsForResourceRequest": {
 "base": null,
 "refs": {
 }
 },
 "UpdateLicenseSpecificationsForResourceResponse": {
 "base": null,
 "refs": {
 }
 },
 "UpdateServiceSettingsRequest": {
 "base": null,
 "refs": {
 }
 },
 "UpdateServiceSettingsResponse": {
 "base": null,
 "refs": {

```

```

 }
 },
 "UsageOperation": {
 "base": null,
 "refs": {
 "LicenseConversionContext$UsageOperation": "<p>The Usage operation value
that corresponds to the license type you are converting your resource from. For more information about which
platforms correspond to which usage operation values see Sample
data: usage operation by platform </p>"
 }
 },
 "ValidationException": {
 "base": "<p>The provided input is not valid. Try your request again.</p>",
 "refs": {
 }
 }
}
{
 "version": "2.0",
 "service": "<p>With License Manager, you can discover and track your commercial Linux subscriptions on running
Amazon EC2 instances.</p>",
 "operations": {
 "GetServiceSettings": "<p>Lists the Linux subscriptions service settings.</p>",
 "ListLinuxSubscriptionInstances": "<p>Lists the running Amazon EC2 instances that were discovered with
commercial Linux subscriptions.</p>",
 "ListLinuxSubscriptions": "<p>Lists the Linux subscriptions that have been discovered. If you have linked your
organization, the returned results will include data aggregated across your accounts in Organizations.</p>",
 "UpdateServiceSettings": "<p>Updates the service settings for Linux subscriptions.</p>"
 },
 "shapes": {
 "Boolean": {
 "base": null,
 "refs": {
 "UpdateServiceSettingsRequest$AllowUpdate": "<p>Describes if updates are allowed to the service settings for
Linux subscriptions. If you allow updates, you can aggregate Linux subscription data in
more than one home Region.</p>"
 }
 },
 "BoxInteger": {
 "base": null,
 "refs": {
 "ListLinuxSubscriptionInstancesRequest$MaxResults": "<p>Maximum number of results to return in a single
call.</p>",
 "ListLinuxSubscriptionsRequest$MaxResults": "<p>Maximum number of results to return in a single call.</p>"
 }
 }
 }
}

```

```

"BoxLong": {
 "base": null,
 "refs": {
 "Subscription$InstanceCount": "<p>The total amount of running instances using this subscription.</p>"
 }
},
"Filter": {
 "base": "<p>A filter object that is used to return more specific results from a describe operation. Filters can be used to match a set of resources by specific criteria.</p>",
 "refs": {
 "FilterList$member": null
 }
},
"FilterList": {
 "base": null,
 "refs": {
 "ListLinuxSubscriptionInstancesRequest$Filters": "<p>An array of structures that you can use to filter the results to those that match one or more sets of key-value pairs that you specify. For example, you can filter by the name of <code>AmiID</code> with an optional operator to see subscriptions that match, partially match, or don't match a certain Amazon Machine Image (AMI) ID.</p> <p>The valid names for this filter are:</p> <p> <code>AmiID</code> </p> <p> <code>InstanceID</code> </p> <p> <code>AccountID</code> </p> <p> <code>Status</code> </p> <p> <code>Region</code> </p> <p> <code>UsageOperation</code> </p> <p> <code>ProductCode</code> </p> <p> <code>InstanceType</code> </p> <p>The valid Operators for this filter are:</p> <p> <code>contains</code> </p> <p> <code>equals</code> </p> <p> <code>NotEqual</code> </p> ",
 "ListLinuxSubscriptionsRequest$Filters": "<p>An array of structures that you can use to filter the results to those that match one or more sets of key-value pairs that you specify. For example, you can filter by the name of <code>Subscription</code> with an optional operator to see subscriptions that match, partially match, or don't match a certain subscription's name.</p> <p>The valid names for this filter are:</p> <p> <code>Subscription</code> </p> <p>The valid Operators for this filter are:</p> <p> <code>contains</code> </p> <p> <code>equals</code> </p> <p> <code>NotEqual</code> </p> "
 }
},
"GetServiceSettingsRequest": {
 "base": null,
 "refs": {
 }
},
"GetServiceSettingsResponse": {
 "base": null,
 "refs": {
 }
},
"Instance": {
 "base": "<p>Details discovered information about a running instance using Linux subscriptions.</p>",

```

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"refs": {
 "InstanceList$member": null
}
},
"InstanceList": {
 "base": null,
 "refs": {
 "ListLinuxSubscriptionInstancesResponse$Instances":
"<p>An array that contains instance objects.</p>"
 }
},
"InternalServerError": {
 "base": "<p>An exception occurred with the service.</p>",
 "refs": {
 }
},
"LinuxSubscriptionsDiscovery": {
 "base": null,
 "refs": {
 "GetServiceSettingsResponse$LinuxSubscriptionsDiscovery": "<p>Lists if discovery has been enabled for
Linux subscriptions.</p>",
 "UpdateServiceSettingsRequest$LinuxSubscriptionsDiscovery": "<p>Describes if the discovery of Linux
subscriptions is enabled.</p>",
 "UpdateServiceSettingsResponse$LinuxSubscriptionsDiscovery": "<p>Lists if discovery has been enabled for
Linux subscriptions.</p>"
 }
},
"LinuxSubscriptionsDiscoverySettings": {
 "base": "<p>Lists the settings defined for discovering Linux subscriptions.</p>",
 "refs": {
 "GetServiceSettingsResponse$LinuxSubscriptionsDiscoverySettings": "<p>Lists the settings defined for Linux
subscriptions discovery. The settings
include if Organizations integration has been enabled, and which Regions data will be aggregated from.</p>",
 "UpdateServiceSettingsRequest$LinuxSubscriptionsDiscoverySettings": "<p>The settings defined for Linux
subscriptions discovery. The settings include if Organizations integration has been enabled, and which Regions data
will be aggregated from.</p>",
 "UpdateServiceSettingsResponse$LinuxSubscriptionsDiscoverySettings": "<p>The settings defined for Linux
subscriptions discovery. The settings include if Organizations integration has been enabled, and which Regions data
will be aggregated from.</p>"
 }
},
"ListLinuxSubscriptionInstancesRequest": {
 "base": "<p>NextToken length limit is half of ddb accepted limit. Increase this limit if parameters in request
increases.</p>",
 "refs": {
 }
},
"ListLinuxSubscriptionInstancesRequestNextTokenString": {

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```

 "base": null,
 "refs": {
 "ListLinuxSubscriptionInstancesRequest$NextToken":
"<p>Token for the next set of results.</p>"
 }
 },
 "ListLinuxSubscriptionInstancesResponse": {
 "base": null,
 "refs": {
 }
 },
 "ListLinuxSubscriptionsRequest": {
 "base": "<p>NextToken length limit is half of ddb accepted limit. Increase this limit if parameters in request
increases.</p>",
 "refs": {
 }
 },
 "ListLinuxSubscriptionsRequestNextTokenString": {
 "base": null,
 "refs": {
 "ListLinuxSubscriptionsRequest$NextToken": "<p>Token for the next set of results.</p>"
 }
 },
 "ListLinuxSubscriptionsResponse": {
 "base": null,
 "refs": {
 }
 },
 "Operator": {
 "base": null,
 "refs": {
 "Filter$Operator": "<p>An operator for filtering results.</p>"
 }
 },
 "OrganizationIntegration": {
 "base": null,
 "refs": {
 "LinuxSubscriptionsDiscoverySettings$OrganizationIntegration": "<p>Details if you have enabled resource
discovery across
your accounts in Organizations.</p>"
 }
 },
 "ProductCodeList": {
 "base": null,
 "refs": {
 "Instance$ProductCode": "<p>The product code for the instance. For more information, see <a
href=\"https://docs.aws.amazon.com/license-manager/latest/userguide/linux-subscriptions-usage-
operation.html\">Usage operation values in the <i>License Manager User Guide</i> .</p>"
 }
 }
}

```

```

 }
 },
 "Status": {
 "base": null,
 "refs": {
 "GetServiceSettingsResponse$Status": "<p>Indicates the status of Linux subscriptions settings being applied.</p>",
 "UpdateServiceSettingsResponse$Status": "<p>Indicates the status of Linux subscriptions settings being applied.</p>"
 }
 },
 "String": {
 "base": null,
 "refs": {
 "Filter$Name": "<p>The type of name to filter by.</p>",
 "Instance$AccountID": "<p>The account ID which owns the instance.</p>",
 "Instance$AmiId": "<p>The AMI ID used to launch the instance.</p>",
 "Instance$InstanceID": "<p>The instance ID of the resource.</p>",
 "Instance$InstanceType": "<p>The instance type of the resource.</p>",
 "Instance$LastUpdatedTime": "<p>The time in which the last discovery updated the instance details.</p>",
 "Instance$Region": "<p>The Region the instance is running in.</p>",
 "Instance$Status": "<p>The status of the instance.</p>",
 "Instance$SubscriptionName": "<p>The name of the subscription being used by the instance.</p>",
 "Instance$UsageOperation": "<p>The usage operation of the instance. For more information, see For more information, see Usage operation values in the <i>License Manager User Guide</i>.</p>",
 "InternalServerException$message": null,
 "ListLinuxSubscriptionInstancesResponse$NextToken": "<p>Token for the next set of results.</p>",
 "ListLinuxSubscriptionsResponse$NextToken":
 "<p>Token for the next set of results.</p>",
 "ProductCodeList$member": null,
 "StringMap$key": null,
 "StringMap$value": null,
 "Subscription$Name": "<p>The name of the subscription.</p>",
 "Subscription$Type": "<p>The type of subscription. The type can be subscription-included with Amazon EC2, Bring Your Own Subscription model (BYOS), or from the Amazon Web Services Marketplace. Certain subscriptions may use licensing from the Amazon Web Services Marketplace as well as OS licensing from Amazon EC2 or BYOS.</p>",
 "ThrottlingException$message": null,
 "ValidationException$message": null
 }
 },
 "StringList": {
 "base": null,
 "refs": {
 "Filter$Values": "<p>One or more values for the name to filter by.</p>",
 "GetServiceSettingsResponse$HomeRegions": "<p>The Region in which License Manager displays the aggregated data for Linux subscriptions.</p>",

```

```

"LinuxSubscriptionsDiscoverySettings$SourceRegions":
"<p>The Regions in which to discover data for Linux subscriptions.</p>",
 "UpdateServiceSettingsResponse$HomeRegions": "<p>The Region in which License Manager displays the
aggregated data for Linux subscriptions.</p>"
 }
},
"StringListMemberString": {
 "base": null,
 "refs": {
 "StringList$member": null
 }
},
"StringMap": {
 "base": null,
 "refs": {
 "GetServiceSettingsResponse$StatusMessage": "<p>A message which details the Linux subscriptions service
settings current status.</p>",
 "UpdateServiceSettingsResponse$StatusMessage": "<p>A message which details the Linux subscriptions
service settings current status.</p>"
 }
},
"Subscription": {
 "base": "<p>An object which details a discovered Linux subscription.</p>",
 "refs": {
 "SubscriptionList$member": null
 }
},
"SubscriptionList": {
 "base": null,
 "refs": {

"ListLinuxSubscriptionsResponse$Subscriptions": "<p>An array that contains subscription objects.</p>"
 }
},
"ThrottlingException": {
 "base": "<p>The request was denied due to request throttling.</p>",
 "refs": {
 }
},
"UpdateServiceSettingsRequest": {
 "base": null,
 "refs": {
 }
},
"UpdateServiceSettingsResponse": {
 "base": null,
 "refs": {
 }
}

```

```

},
"ValidationException": {
 "base": "<p>The provided input is not valid. Try your request again.</p>",
 "refs": {
 }
}
}
{
 "testCases": [
 {
 "documentation": "For region af-south-1 with FIPS disabled and DualStack disabled",
 "expect": {
 "endpoint": {
 "url": "https://license-manager.af-south-1.amazonaws.com"
 }
 },
 "params": {
 "UseFIPS": false,
 "UseDualStack": false,
 "Region": "af-south-1"
 }
 },
 {
 "documentation": "For region ap-east-1 with FIPS disabled and DualStack disabled",
 "expect": {
 "endpoint": {
 "url": "https://license-manager.ap-east-1.amazonaws.com"
 }
 },
 "params": {
 "UseFIPS": false,
 "UseDualStack": false,
 "Region": "ap-east-1"
 }
 },
 {
 "documentation": "For region ap-northeast-1 with FIPS disabled and DualStack disabled",

 "expect": {
 "endpoint": {
 "url": "https://license-manager.ap-northeast-1.amazonaws.com"
 }
 },
 "params": {
 "UseFIPS": false,
 "UseDualStack": false,
 "Region": "ap-northeast-1"
 }
 }
]
}

```

```

}
},
{
 "documentation": "For region ap-northeast-2 with FIPS disabled and DualStack disabled",
 "expect": {
 "endpoint": {
 "url": "https://license-manager.ap-northeast-2.amazonaws.com"
 }
 },
 "params": {
 "UseFIPS": false,
 "UseDualStack": false,
 "Region": "ap-northeast-2"
 }
},
{
 "documentation": "For region ap-northeast-3 with FIPS disabled and DualStack disabled",
 "expect": {
 "endpoint": {
 "url": "https://license-manager.ap-northeast-3.amazonaws.com"
 }
 },
 "params": {
 "UseFIPS": false,
 "UseDualStack": false,
 "Region": "ap-northeast-3"
 }
},
{
 "documentation": "For region ap-south-1 with FIPS disabled and DualStack disabled",
 "expect": {
 "endpoint": {
 "url": "https://license-manager.ap-south-1.amazonaws.com"
 }
 },
 "params": {
 "UseFIPS": false,
 "UseDualStack": false,
 "Region": "ap-south-1"
 }
},
{
 "documentation": "For region ap-southeast-1 with FIPS disabled and DualStack disabled",
 "expect": {
 "endpoint": {
 "url": "https://license-manager.ap-southeast-1.amazonaws.com"
 }
 },

```

```

 "params": {
 "UseFIPS": false,
 "UseDualStack":
false,
 "Region": "ap-southeast-1"
 }
 },
 {
 "documentation": "For region ap-southeast-2 with FIPS disabled and DualStack disabled",
 "expect": {
 "endpoint": {
 "url": "https://license-manager.ap-southeast-2.amazonaws.com"
 }
 },
 "params": {
 "UseFIPS": false,
 "UseDualStack": false,
 "Region": "ap-southeast-2"
 }
 },
 {
 "documentation": "For region ap-southeast-3 with FIPS disabled and DualStack disabled",
 "expect": {
 "endpoint": {
 "url": "https://license-manager.ap-southeast-3.amazonaws.com"
 }
 },
 "params": {
 "UseFIPS": false,
 "UseDualStack": false,
 "Region": "ap-southeast-3"
 }
 },
 {
 "documentation":
"\"For region ca-central-1 with FIPS disabled and DualStack disabled\",
 "expect": {
 "endpoint": {
 "url": "https://license-manager.ca-central-1.amazonaws.com"
 }
 },
 "params": {
 "UseFIPS": false,
 "UseDualStack": false,
 "Region": "ca-central-1"
 }
 },
 {

```

```

"documentation": "For region eu-central-1 with FIPS disabled and DualStack disabled",
"expect": {
 "endpoint": {
 "url": "https://license-manager.eu-central-1.amazonaws.com"
 }
},
"params": {
 "UseFIPS": false,
 "UseDualStack": false,
 "Region": "eu-central-1"
}
},
{
"documentation": "For region eu-north-1 with FIPS disabled and DualStack disabled",
"expect": {
 "endpoint": {
 "url": "https://license-manager.eu-north-1.amazonaws.com"
 }
},
"params": {
 "UseFIPS": false,
 "UseDualStack": false,
 "Region": "eu-north-1"
}
},
{
"documentation": "For region eu-south-1 with FIPS disabled and DualStack disabled",
"expect": {
 "endpoint": {
 "url": "https://license-manager.eu-south-1.amazonaws.com"
 }
},
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 "Region": "eu-west-2"
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 "documentation": "For region sa-east-1 with FIPS disabled and DualStack disabled",

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"params": {
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 "Region": "us-east-2"
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 "expect": {
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 "params": {
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 "expect": {
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 "Region": "cn-north-1"
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 "expect": {
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 "UseDualStack": false,
 "Region": "us-iso-east-1"
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 "Region": "us-iso-east-1"
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 }
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 "expect": {
 "error": "DualStack is enabled but this partition does not support DualStack"
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 "params": {

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 "documentation": "For region us-isob-east-1 with FIPS disabled and DualStack enabled",
 "expect": {
 "error": "DualStack is enabled but this partition does not support DualStack"
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 "Endpoint": "https://example.com"
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 "Endpoint": "https://example.com"
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 "Endpoint": "https://example.com"
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 "expect": {

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 "Endpoint": "https://example.com"
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 "error": "Invalid Configuration: Missing Region"
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 "UseFIPS": true
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with FIPS disabled and DualStack enabled",

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 "UseFIPS": false
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 "UseFIPS": false
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 }
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 "UseFIPS": true
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 "endpoint": {
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 }
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 "error": "DualStack is enabled but this partition does not support DualStack"
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 "UseFIPS": false
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 "UseFIPS": false
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 "UseFIPS": true
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 "error": "DualStack is enabled but this partition does not support DualStack"
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 "params": {
 "Region": "us-isob-east-1",
 "UseDualStack": false,
 "UseFIPS": false
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 "expect": {
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 "url": "https://example.com"
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 "params": {
 "Region": "us-east-1",
 "UseDualStack": false,
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 "UseFIPS": false,
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 "output_token": "NextToken",
 "limit_key": "MaxResults",
 "result_key": "IdentityProviderSummaries"
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 "ListInstances": {
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 "output_token": "NextToken",
 "limit_key": "MaxResults",

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 "result_key": "InstanceSummaries"
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 "ListProductSubscriptions": {
 "input_token": "NextToken",
 "output_token": "NextToken",
 "limit_key": "MaxResults",
 "result_key": "ProductUserSummaries"
 },
 "ListUserAssociations": {
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 "output_token": "NextToken",
 "limit_key": "MaxResults",
 "result_key": "InstanceUserSummaries"
 }
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 "version": "1.0",
 "parameters": {
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 "required": true,
 "documentation": "The AWS region used to dispatch the request.",
 "type": "String"
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 "UseDualStack": {
 "builtIn": "AWS::UseDualStack",
 "required": true,
 "default": false,
 "documentation": "When true, use the dual-stack endpoint. If the configured endpoint does not support dual-
stack, dispatching the request MAY return an error.",
 "type": "Boolean"
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 "UseFIPS": {
 "builtIn": "AWS::UseFIPS",
 "required": true,
 "default": false,
 "documentation": "When true, send this request to the FIPS-compliant regional endpoint. If the configured
endpoint does not have a FIPS compliant endpoint, dispatching the request will return an error.",
 "type": "Boolean"
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 "Endpoint": {
 "builtIn": "SDK::Endpoint",
 "required": false,
 "documentation": "Override the endpoint used to send this request",
 "type": "String"
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 "argv": [
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 "ref": "Region"
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 "assign": "PartitionResult"
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 "type": "tree",
 "rules": [
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 "conditions": [
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 "fn": "isSet",
 "argv": [
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 "ref": "Endpoint"
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]
 }
]
 }
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"rules": [
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 "fn": "booleanEquals",
 "argv": [
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 "ref": "UseFIPS"
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]
 }
],
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 "type": "error"
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 {
 "conditions": [],
 "type": "tree",
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]

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 "type": "error"
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 "ref": "Endpoint"
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 "properties":
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 "headers": {}
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 "type": "endpoint"
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 "argv": [
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 },
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 {
 "fn": "booleanEquals",
 "argv": [
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```

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 "ref": "UseDualStack"
 },
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]
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 "argv": [
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 "ref": "PartitionResult"
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 "supportsFIPS"
]
 }
]
 }
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 "argv": [
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 "fn": "getAttr",
 "argv": [
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 "ref": "PartitionResult"
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 "supportsDualStack"
]
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]
 }
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 "conditions": [],
 "endpoint": {
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```

fips.{Region}.{PartitionResult#dualStackDnsSuffix}",
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 "headers": {}
 },
 "type": "endpoint"
}
]
},
{
 "conditions": [],
 "error": "FIPS and DualStack are enabled, but this partition does not support one or both",
 "type": "error"
}
]
},
{
 "conditions": [
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 "fn": "booleanEquals",
 "argv": [
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 "ref": "UseFIPS"
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 "conditions": [
 {
 "fn": "booleanEquals",
 "argv": [
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 {
 "fn": "getAttr",
 "argv": [
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 "ref": "PartitionResult"
 },
 "supportsFIPS"
]
 }
]
 }
]
 }
]
},
],

```

```

"type": "tree",
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 "conditions": [],
 "endpoint": {
 "url": "https://license-manager-linux-subscriptions-
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 "properties": {},
 "headers": {}
 },
 "type": "endpoint"
 }
],
 {
 "conditions": [],
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],
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 "argv": [
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 "fn": "getAttr",
 "argv": [
 {
 "ref": "PartitionResult"
 }
]
 }
]
 }
]
 }
]
}

```

```

 },
 "supportsDualStack"
]
 }
]
},
"type": "tree",
"rules": [
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 "conditions": [],
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subscriptions.{Region}.{PartitionResult#dualStackDnsSuffix}",
 "properties": {},
 "headers": {}
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 "type": "endpoint"
 }
],
{
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 "type": "error"
}
]
},
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 "properties": {},
 "headers": {}
 },
 "type": "endpoint"
}
]
}
]
}

```

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 "metadata":{
 "apiVersion":"2018-05-10",
 "endpointPrefix":"license-manager-user-subscriptions",
 "jsonVersion":"1.1",
 "protocol":"rest-json",
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 "serviceId":"License Manager User Subscriptions",
 "signatureVersion":"v4",
 "signingName":"license-manager-user-subscriptions",
 "uid":"license-manager-user-subscriptions-2018-05-10"
 },
 "operations":{
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 "http":{
 "method":"POST",
 "requestUri":"/user/AssociateUser",
 "responseCode":200
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 "input":{"shape":"AssociateUserRequest"},
 "output":{"shape":"AssociateUserResponse"},
 "errors":[
 {"shape":"ServiceQuotaExceededException"}
]
 }
 }
}
```

```

 {"shape":"ConflictException"},
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],
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 "requestUri":"/identity-provider/DeregisterIdentityProvider",
 "responseCode":200
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 {"shape":"AccessDeniedException"}
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 "http":{
 "method":"POST",
 "requestUri":"/user/DisassociateUser",
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 {"shape":"AccessDeniedException"}
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 "output":{"shape":"ListInstancesResponse"},
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 {"shape":"InternalServerError"},
 {"shape":"ResourceNotFoundException"},
 {"shape":"AccessDeniedException"}
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 "http":{
 "method":"POST",
 "requestUri":"/user/ListUserAssociations",
 "responseCode":200
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 {"shape":"ConflictException"},
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 "input":{"shape":"StartProductSubscriptionRequest"},

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}

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 "message":{"shape":"String"}
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 "exception":true
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 "ActiveDirectoryIdentityProvider":{
 "type":"structure",
 "members":{
 "DirectoryId":{"shape":"String"}
 }
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 "AssociateUserRequest":{
 "type":"structure",
 "required":[
 "IdentityProvider",
 "InstanceId",
 "Username"
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 "members":{
 "Domain":{"shape":"String"},
 "IdentityProvider":{"shape":"IdentityProvider"},
 "InstanceId":{"shape":"String"},
 "Username":{"shape":"String"}
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 "Product":{"shape":"String"}
 }
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 "members":{
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 "InstanceId",
 "Username"
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 "IdentityProvider":{"shape":"IdentityProvider"},
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 "Username":{"shape":"String"}
 }
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 "required":["InstanceUserSummary"],
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 "InstanceUserSummary":{"shape":"InstanceUserSummary"}
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 "Operation":{"shape":"String"},
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"FilterList":{
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 },
 "union":true
},
"IdentityProviderSummary":{
 "type":"structure",
 "required":[
 "IdentityProvider",
 "Product",
 "Settings",
 "Status"
],
 "members":{
 "FailureMessage":{"shape":"String"},
 "IdentityProvider":{"shape":"IdentityProvider"},
 "Product":{"shape":"String"},
 "Settings":{"shape":"Settings"},
 "Status":{"shape":"String"}
 }
},
"IdentityProviderSummaryList":{
 "type":"list",
 "member":{"shape":"IdentityProviderSummary"}
},
"InstanceSummary":{
 "type":"structure",
 "required":[
 "InstanceId",
 "Products",
 "Status"
],
 "members":{

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```

 "InstanceId":{"shape":"String"},
 "LastStatusCheckDate":{"shape":"String"},
 "Products":{"shape":"StringList"},
 "Status":{"shape":"String"},
 "StatusMessage":{"shape":"String"}
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},
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 "member":{"shape":"InstanceSummary"}
},
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 "IdentityProvider",
 "InstanceId",
 "Status",
 "Username"
],
 "members":{"
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 "DisassociationDate":{"shape":"String"},
 "Domain":{"shape":"String"},
 "IdentityProvider":{"shape":"IdentityProvider"},
 "InstanceId":{"shape":"String"},
 "Status":{"shape":"String"},
 "StatusMessage":{"shape":"String"},
 "Username":{"shape":"String"}
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 "exception":true,
 "fault":true
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"ListIdentityProvidersRequest":{"
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 "MaxResults":{"shape":"BoxInteger"},
 "NextToken":{"shape":"String"}
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 "NextToken":{"shape":"String"}
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 "Filters":{"shape":"FilterList"},
 "MaxResults":{"shape":"BoxInteger"},
 "NextToken":{"shape":"String"}
 }
 },
 "ListInstancesResponse":{
 "type":"structure",
 "members":{
 "InstanceSummaries":{"shape":"InstanceSummaryList"},
 "NextToken":{"shape":"String"}
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 },
 "ListProductSubscriptionsRequest":{
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 "IdentityProvider",
 "Product"
],
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 "IdentityProvider":{"shape":"IdentityProvider"},
 "MaxResults":{"shape":"BoxInteger"},
 "NextToken":{"shape":"String"},
 "Product":{"shape":"String"}
 }
 },
 "ListProductSubscriptionsResponse":{
 "type":"structure",
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 "NextToken":{"shape":"String"},
 "ProductUserSummaries":{"shape":"ProductUserSummaryList"}
 }
 },
 "ListUserAssociationsRequest":{
 "type":"structure",

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"required":[
 "IdentityProvider",
 "InstanceId"
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"members":{
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 "IdentityProvider":{"shape":"IdentityProvider"},
 "InstanceId":{"shape":"String"},
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 "NextToken":{"shape":"String"}
}
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"ListUserAssociationsResponse":{
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}
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 "IdentityProvider",
 "Product",
 "Status",
 "Username"
],
"members":{
 "Domain":{"shape":"String"},
 "IdentityProvider":{"shape":"IdentityProvider"},
 "Product":{"shape":"String"},
 "Status":{"shape":"String"},
 "StatusMessage":{"shape":"String"},
 "SubscriptionEndDate":{"shape":"String"},
 "SubscriptionStartDate":{"shape":"String"},
 "Username":{"shape":"String"}
}
},
"ProductUserSummaryList":{
 "type":"list",
 "member":{"shape":"ProductUserSummary"}
},
"RegisterIdentityProviderRequest":{
 "type":"structure",
 "required":[
 "IdentityProvider",
 "Product"

```

```

],
"members":{
 "IdentityProvider":{"shape":"IdentityProvider"},
 "Product":{"shape":"String"},
 "Settings":{"shape":"Settings"}
}
},
"RegisterIdentityProviderResponse":{
 "type":"structure",
 "required":["IdentityProviderSummary"],
 "members":{
 "IdentityProviderSummary":{"shape":"IdentityProviderSummary"}
 }
},
"ResourceNotFoundException":{
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 "members":{
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 "error":{
 "statusCode":404,
 "senderFault":true
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 "exception":true
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 "min":5,
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 "members":{
 "message":{"shape":"String"}
 },
 "exception":true
},
"Settings":{
 "type":"structure",
 "required":[
 "SecurityGroupId",
 "Subnets"
],
 "members":{
 "SecurityGroupId":{"shape":"SecurityGroup"},
 "Subnets":{"shape":"SettingsSubnetsList"}
 }
}

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},
"SettingsSubnetsList":{
 "type":"list",
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"StartProductSubscriptionRequest":{
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 "required":[
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 "Product",
 "Username"
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 "members":{
 "Domain":{"shape":"String"},
 "IdentityProvider":{"shape":"IdentityProvider"},
 "Product":{"shape":"String"},
 "Username":{"shape":"String"}
 }
},
"StartProductSubscriptionResponse":{
 "type":"structure",
 "required":["ProductUserSummary"],
 "members":{
 "ProductUserSummary":{"shape":"ProductUserSummary"}
 }
},
"StopProductSubscriptionRequest":{
 "type":"structure",
 "required":[
 "IdentityProvider",
 "Product",
 "Username"
],
 "members":{
 "Domain":{"shape":"String"},
 "IdentityProvider":{"shape":"IdentityProvider"},
 "Product":{"shape":"String"},
 "Username":{"shape":"String"}
 }
},
"StopProductSubscriptionResponse":{
 "type":"structure",
 "required":["ProductUserSummary"],
 "members":{
 "ProductUserSummary":{"shape":"ProductUserSummary"}
 }
},

```

```

"String":{"type":"string"},
"StringList":{"
 "type":"list",
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},
"Subnet":{"
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},
"Subnets":{"
 "type":"list",
 "member":{"shape":"Subnet"}
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"ThrottlingException":{"
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 "members":{"
 "message":{"shape":"String"}
 }
},
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},
"UpdateIdentityProviderSettingsRequest":{"
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 "IdentityProvider",
 "Product",
 "UpdateSettings"
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 "Product":{"shape":"String"},
 "UpdateSettings":{"shape":"UpdateSettings"}
 }
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"UpdateIdentityProviderSettingsResponse":{"
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 "members":{"
 "IdentityProviderSummary":{"shape":"IdentityProviderSummary"}
 }
},
"UpdateSettings":{"
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 "required":[
 "AddSubnets",
 "RemoveSubnets"
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"RemoveSubnets":{"shape":"Subnets"},
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"ValidationException":{"
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"members":{"
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},
"exception":true
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}
}
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{
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 "required": false,
 "documentation": "The AWS region used to dispatch the request.",
 "type": "String"
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 "UseDualStack": {
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 "default": false,
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stack, dispatching the request MAY return an error.",
 "type": "Boolean"
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 "UseFIPS": {
 "builtIn": "AWS::UseFIPS",
 "required": true,
 "default": false,
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endpoint does not have a FIPS compliant endpoint, dispatching the request will return an error.",
 "type": "Boolean"
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 "Endpoint": {
 "builtIn": "SDK::Endpoint",
 "required": false,
 "documentation": "Override the endpoint used to send this request",
 "type": "String"
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 "ref": "Endpoint"
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]
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]
 }
],
"error": "Invalid Configuration: FIPS and custom

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```

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 "conditions": [],

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},
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}
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 "argv": [
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```

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true

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```

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```

```

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```

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},
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"rules": [

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manager.{Region}.{PartitionResult#dualStackDnsSuffix}",
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 "type": "endpoint"
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 "type": "error"
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 "conditions": [],
 "type": "tree",
 "rules": [
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 "conditions": [],
 "endpoint": {

```

```

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 "headers": {}
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 "type": "endpoint"
}
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}
]
}
]
},
{
 "conditions": [],
 "error": "Invalid Configuration: Missing Region",
 "type": "error"
}
]
}
]
}

```

# 1.730 go-proxy v0.0.0-20230731152917-f99041a5c027

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# 1.740 xxhash 2.1.2

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