



Open Source Used In AMP for Endpoints Connector (Windows) 8.4.2

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Contents

```
1.1 bzip2 1.0.8
1.2 graceful 1.2.15
   1.2.1 Available under license
1.3 json-cpp 1.9.3
   1.3.1 Available under license
1.4 rapidxml 1.13
   1.4.1 Available under license
1.5 units 0.0.0-20151022065526-2efee857e7cf
   1.5.1 Available under license
1.6 libmspack 0.10.1alpha
   1.6.1 Available under license
1.7 jansson 2.14
   1.7.1 Available under license
1.8 httpparser 2.9.4
   1.8.1 Available under license
1.9 yara 4.1.3
   1.9.1 Available under license
1.10 kingpin 2.2.5
   1.10.1 Available under license
1.11 json-c 0.16
   1.11.1 Available under license
1.12 sqlite 3.39.3
   1.12.1 Available under license
1.13 expat 2.5.0
```

1.13.1 Available under license

1.14 fmt 9.1.0

1.14.1 Available under license
1.15 spdlog 1.10.0
1.15.1 Available under license
1.16 pcre 10.42
1.16.1 Available under license
1.17 foreign-types-macros v0.2.2
1.17.1 Available under license
1.18 iana-time-zone v0.1.53
1.18.1 Available under license
1.19 quote v1.0.23
1.19.1 Available under license
1.20 pest v2.1.3
1.20.1 Available under license
1.21 aead v0.4.3
1.21.1 Available under license
1.22 instant v0.1.12
1.22.1 Available under license
1.23 heck v0.3.3
1.23.1 Available under license
1.24 libc v0.2.139
4 0 4 4 A 11 - 1 1 1 11

1.24.1 Available under license

1.25 serde_yaml v0.8.26

1.25.1 Available under license

1.26 aspect-weave v0.2.1

1.26.1 Available under license

1.27 bytecheck v0.6.9

1.27.1 Available under license

1.28 lock_api v0.4.9

1.28.1 Available under license

1.29 x25519-dalek v1.2.0

1.29.1 Available under license

1.30 duplicate v0.2.9

1.30.1 Available under license

1.31 base-64 v0.13.1

1.31.1 Available under license

1.32 xsalsa20poly1305 v0.8.0

1.32.1 Available under license

1.33 runtime v3.1.0

1.33.1 Available under license

1.34 num-traits v0.2.15 1.34.1 Available under license 1.35 ffi v3.1.0 1.35.1 Available under license 1.36 cfg-if v0.1.10 1.36.1 Available under license 1.37 darling v0.10.2 1.37.1 Available under license 1.38 maplit v1.0.2 1.38.1 Available under license 1.39 digest v0.9.0 1.39.1 Available under license 1.40 lazy_static v1.4.0 1.40.1 Available under license 1.41 thiserror v1.0.38 1.41.1 Available under license 1.42 proc-macro-error-attr v1.0.4 1.42.1 Available under license 1.43 smallvec v1.10.0 1.43.1 Available under license 1.44 crc32fast v1.3.2 1.44.1 Available under license 1.45 ryu v1.0.12 1.45.1 Available under license 1.46 foreign-types-shared v0.3.1 1.46.1 Available under license 1.47 base-64 v0.12.3 1.47.1 Available under license 1.48 parking lot core v0.8.6 1.48.1 Available under license 1.49 ucd-trie v0.1.5 1.49.1 Available under license 1.50 anyhow v1.0.68 1.50.1 Available under license 1.51 hyperscan-sys v0.3.2

1.50 anyhow v1.0.68
1.50.1 Available under license

1.51 hyperscan-sys v0.3.2
1.51.1 Available under license

1.52 ident_case v1.0.1
1.52.1 Available under license

1.53 miniz_oxide v0.6.2

1.53.1 Available under license
1.54 ahash v0.7.6
1.54.1 Available under license
1.55 typenum v1.16.0
1.55.1 Available under license
1.56 generic-array v0.14.6
1.56.1 Available under license
1.57 crossbeam-utils v0.8.14
1.57.1 Available under license
1.58 pest_generator v2.1.3
1.58.1 Available under license
1.59 chrono v0.4.23
1.59.1 Available under license
1.60 either v1.8.0
1.60.1 Available under license
1.61 metered v0.8.0
1.61.1 Available under license
1.62 parking_lot v0.11.2
1.62.1 Available under license
1.63 strsim v0.9.3
1.63.1 Available under license
1.64 log v0.4.17
1.64.1 Available under license
1.65 winapi-util v0.1.5
1.65.1 Available under license
1.66 itertools v0.10.5
1.66.1 Available under license
1.67 scopeguard v1.1.0
1.67.1 Available under license
1.68 zeroize_derive v1.3.3
1.68.1 Available under license
1.69 asp v1.1.0
1.69.1 Available under license
1.70 opaque-debug v0.3.0
1.70.1 Available under license

1.71 unsafe-libyaml v0.2.5

1.72 heck v0.4.0

1.71.1 Available under license

1.72.1 Available under license

1.73 object v0.30.3
1.73.1 Available under license
1.74 assert_matches v1.3.0
1.74.1 Available under license
1.75 unicode-segmentation v1.10.0
1.75.1 Available under license
1.76 log-derive v0.4.1
1.76.1 Available under license
1.77 unicode-ident v1.0.6
1.77.1 Available under license
1.78 rend v0.3.6
1.78.1 Available under license
1.79 yaml-rust v0.4.5
1.79.1 Available under license
1.80 proc-macro-error v1.0.4
1.80.1 Available under license
1.81 poly1305 v0.7.2
1.81.1 Available under license
1.82 getrandom v0.2.8
1.82.1 Available under license
1.83 hdrhistogram v7.5.2
1.83.1 Available under license
1.84 num-integer v0.1.45
1.84.1 Available under license
1.85 ffi-support v0.4.4
1.85.1 Available under license
1.86 snafu v0.7.4
1.86.1 Available under license
1.87 time v0.1.45
1.87.1 Available under license
1.88 crossbeam-channel v0.5.6
1.88.1 Available under license
1.89 winapi v0.3.9
1.89.1 Available under license
4.00 destina a constat 40.0

1.92 derive_more v0.99.17

1.92.1 Available under license
1.93 itoa v1.0.5
1.93.1 Available under license
1.94 rustc-demangle v0.1.21
1.94.1 Available under license
1.95 linked-hash-map v0.5.6
1.95.1 Available under license
1.96 pest_derive v2.1.0
1.96.1 Available under license
1.97 indoc v1.0.8
1.97.1 Available under license
1.98 serde_derive v1.0.152
1.98.1 Available under license
1.99 regex v1.5.6
1.99.1 Available under license
1.100 digest v0.10.6
1.100.1 Available under license
1.101 regex-syntax v0.6.28
1.101.1 Available under license
1.102 keccak v0.1.3
1.102.1 Available under license
1.103 atomic v0.5.1
1.103.1 Available under license
1.104 synattra v0.2.1
1.104.1 Available under license

1.105 metered-macro v0.8.0

1.105.1 Available under license

1.106 gimli v0.27.1

1.106.1 Available under license

1.107 proc-macro2 v1.0.50

1.107.1 Available under license

1.108 convert_case v0.4.0

1.108.1 Available under license

1.109 foreign-types v0.5.0

1.109.1 Available under license

1.110 chacha20 v0.8.2

1.110.1 Available under license

1.111 unicode-xid v0.2.4

1.111.1 Available under license

1.112 zeroize v1.3.0 1.112.1 Available under license 1.113 rkyv v0.7.39 1.113.1 Available under license 1.114 snafu-derive v0.7.4 1.114.1 Available under license 1.115 walkdir v2.3.2 1.115.1 Available under license 1.116 serde yaml v0.9.17 1.116.1 Available under license 1.117 ptr meta v0.1.4 1.117.1 Available under license 1.118 flate2 v1.0.25 1.118.1 Available under license 1.119 hashbrown v0.12.3 1.119.1 Available under license 1.120 chacha20poly1305 v0.9.1 1.120.1 Available under license **1.121 synstructure v0.12.6** 1.121.1 Available under license 1.122 bincode v2.0.0-rc.2 1.122.1 Available under license 1.123 darling macro v0.10.2 1.123.1 Available under license 1.124 auto enums core v0.7.12 1.124.1 Available under license 1.125 crypto-common v0.1.6 1.125.1 Available under license 1.126 auto enums derive v0.7.12 1.126.1 Available under license 1.127 indexmap v1.9.2 1.127.1 Available under license 1.128 ptr_meta_derive v0.1.4 1.128.1 Available under license 1.129 adler v1.0.2 1.129.1 Available under license 1.130 derive utils v0.11.2 1.130.1 Available under license 1.131 pest_meta v2.1.3

1.131.1 Available under license
1.132 cpufeatures v0.2.5
1.132.1 Available under license
1.133 rand_core v0.6.4
1.133.1 Available under license
1.134 rkyv_derive v0.7.39
1.134.1 Available under license
1.135 capnp v0.13.7
1.135.1 Available under license
1.136 rand_core v0.5.1
1.136.1 Available under license
1.137 thiserror-impl v1.0.38
1.137.1 Available under license
1.138 memchr v2.5.0
1.138.1 Available under license
1.139 serde v1.0.152
1.139.1 Available under license
1.140 curve25519-dalek v3.2.1
1.140.1 Available under license
1.141 once_cell v1.12.1
1.141.1 Available under license
1.142 bytecheck_derive v0.6.9
1.142 bytecheck_derive v0.6.9 1.142.1 Available under license
1.142.1 Available under license 1.143 fnv v1.0.7
1.142.1 Available under license
1.142.1 Available under license 1.143 fnv v1.0.7
1.142.1 Available under license 1.143 fnv v1.0.7 1.143.1 Available under license
1.142.1 Available under license 1.143 fnv v1.0.7 1.143.1 Available under license 1.144 malloc_buf v1.0.0
1.142.1 Available under license 1.143 fnv v1.0.7 1.143.1 Available under license 1.144 malloc_buf v1.0.0 1.144.1 Available under license
1.142.1 Available under license 1.143 fnv v1.0.7 1.143.1 Available under license 1.144 malloc_buf v1.0.0 1.144.1 Available under license 1.145 doc-comment v0.3.3
1.142.1 Available under license 1.143 fnv v1.0.7 1.143.1 Available under license 1.144 malloc_buf v1.0.0 1.144.1 Available under license 1.145 doc-comment v0.3.3 1.145.1 Available under license
1.142.1 Available under license 1.143 fnv v1.0.7 1.143.1 Available under license 1.144 malloc_buf v1.0.0 1.144.1 Available under license 1.145 doc-comment v0.3.3 1.145.1 Available under license 1.146 backtrace v0.3.67
1.142.1 Available under license 1.143 fnv v1.0.7 1.143.1 Available under license 1.144 malloc_buf v1.0.0 1.144.1 Available under license 1.145 doc-comment v0.3.3 1.145.1 Available under license 1.146 backtrace v0.3.67 1.146.1 Available under license
1.142.1 Available under license 1.143 fnv v1.0.7 1.143.1 Available under license 1.144 malloc_buf v1.0.0 1.144.1 Available under license 1.145 doc-comment v0.3.3 1.145.1 Available under license 1.146 backtrace v0.3.67 1.146.1 Available under license 1.147 universal-hash v0.4.1
1.142.1 Available under license 1.143 fnv v1.0.7 1.143.1 Available under license 1.144 malloc_buf v1.0.0 1.144.1 Available under license 1.145 doc-comment v0.3.3 1.145.1 Available under license 1.146 backtrace v0.3.67 1.146.1 Available under license 1.147 universal-hash v0.4.1 1.147.1 Available under license
1.142.1 Available under license 1.143 fnv v1.0.7 1.143.1 Available under license 1.144 malloc_buf v1.0.0 1.144.1 Available under license 1.145 doc-comment v0.3.3 1.145.1 Available under license 1.146 backtrace v0.3.67 1.146.1 Available under license 1.147 universal-hash v0.4.1 1.147.1 Available under license 1.148 addr2line v0.19.0
1.142.1 Available under license 1.143 fnv v1.0.7 1.143.1 Available under license 1.144 malloc_buf v1.0.0 1.144.1 Available under license 1.145 doc-comment v0.3.3 1.145.1 Available under license 1.146 backtrace v0.3.67 1.146.1 Available under license 1.147 universal-hash v0.4.1 1.147.1 Available under license 1.148 addr2line v0.19.0 1.148.1 Available under license

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1.151 zwohash v0.1.2 1.151.1 Available under license 1.152 fortify derive v0.2.0 1.152.1 Available under license 1.153 serde json v1.0.91 1.153.1 Available under license 1.154 cfg-if v1.0.0 1.154.1 Available under license 1.155 macros v3.0.0

1.155.1 Available under license

1.156 block-buffer v0.10.3

1.156.1 Available under license

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1.157.1 Available under license

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1.158.1 Available under license

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1.159.1 Available under license

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1.160.1 Available under license

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1.161.1 Available under license

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1.165.1 Available under license

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1.166.1 Available under license

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1.167.1 Available under license

1.168 salsa v0.9.0

1.168.1 Available under license

1.169 byteorder v1.4.3

1.169.1 Available under license

1.170 semver v1.0.16

1.170.1 Available under license
1.171 cipher v0.3.0
1.171.1 Available under license
1.172 crypto_box v0.7.2
1.172.1 Available under license
1.173 decorum v0.3.1
1.173.1 Available under license
1.174 unicase v2.6.0
1.174.1 Available under license
1.175 same-file v1.0.6
1.175.1 Available under license
1.176 hex v0.4.3
1.176.1 Available under license
1.177 alecthomas-template 0.0.0-20160405071501-a0175ee3bccc
1.177.1 Available under license
1.178 jsonschema 2.2.5
1.178.1 Available under license
1.179 sqlite 3.42.0
1.179.1 Available under license
1.180 openssl 1.1.1u
1.180.1 Available under license
1.181 libxml2 2.11.4
1.181.1 Available under license
1.182 openssl 3.0.9
1.182.1 Available under license
1.183 x-net 0.11.0
1.183.1 Available under license
1.184 capnproto 0.10.4
1.184.1 Available under license
1.185 zlib 1.2.13
1.185.1 Available under license
1.186 bzip2 1.0.6
1.186.1 Available under license
1.187 curl 8.4.0

1.187.1 Available under license

1.188 nghttp2 1.57.0

1.188.1 Available under license

1.189 zlib 1.2.8

1.189.1 Available under license

1.190 curl 8.6.0

1.190.1 Available under license

1.191 openssl 3.0.13

1.191.1 Available under license

1.192 zlib 1.3.1.1

1.192.1 Available under license

1.193 protobuf 100.100.10

1.193.1 Available under license

1.194 golang 1.22

1.194.1 Available under license

1.1 bzip2 1.0.8

1.2 graceful 1.2.15

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1.6 libmspack 0.10.1alpha

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1.7 jansson 2.14

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1.8 httpparser 2.9.4

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1.9 yara 4.1.3

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1.10 kingpin 2.2.5

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1.12 sqlite 3.39.3

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1.14 fmt 9.1.0

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A. HISTORY OF THE SOFTWARE

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Deriv	ed Y	ear	Owner	r GPL-
f	rom			compa	atible? (1)
0.9.0 thru 1	1.2	1991	1-1995	CWI	yes
1.3 thru 1.5	5.2 1.2	199	95-1999	CNR	I yes
1.6	1.5.2	2000	CN	RI	no
2.0	1.6	2000	BeO	pen.co	om no
1.6.1	1.6	2001	CN	RI	yes (2)

2.1	2.0+1.6	5.1 2001	PSF	no
2.0.1	2.0+1.6.1 2001		PSF	yes
2.1.1	2.1+2.0.1 2001		PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3				
2.1.2	2002	PSF		
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-20	003 PSF	yes
2.3.1	2.3	2002-20	003 PSF	yes
2.3.2	2.3.1	2002-2	003 PSF	yes
2.3.3	2.3.2	2002-2	003 PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005 PSF		yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	2006 PSF	
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007 PSF		yes
2.5.2	2.5.1	2008 PSF		yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008 PSF		yes
2.6.1	2.6	2008 PSF		yes
2.6.2	2.6.1	2009 PSF		yes
2.6.3	2.6.2	2009 PSF		yes
2.6.4	2.6.3	2009 PSF		yes
2.6.5	2.6.4	2010 PSF		yes
3.0	2.6	2008 PSF		yes
3.0.1	3.0	2009 PSF		yes
3.1	3.0.1	2009 PSF		yes
3.1.1	3.1	2009 PSF		yes
3.1.2	3.1.1	2010 PSF		yes
3.1.3	3.1.2	2010 PSF		yes
3.1.4	3.1.3	2011	PSF	yes
3.2	3.1	2011 PSF		yes
3.2.1	3.2	2011		
PSF	yes			
3.2.2	3.2.1	2011	PSF	yes
3.2.3	3.2.2	2012	PSF	yes
3.3.0	3.2	2012	PSF	yes

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1.15 spdlog 1.10.0

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1.16 pcre 10.42

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End		
/****	********	********
*	pcre2grep program	*
****	***********	**********

/* This is a grep program that uses the 8-bit PCRE regular expression library via the PCRE2 updated API to do its pattern matching. On Unix-like, Windows, and native z/OS systems it can recurse into directories, and in z/OS it can handle PDS files.

Note that for native z/OS, in addition to defining the NATIVE_ZOS macro, an additional header is required. That header is not included in the main PCRE2 distribution because other apparatus is needed to compile pcre2grep for z/OS. The header can be found in the special z/OS distribution, which is available from www.zaconsultants.net or from www.cbttape.org.

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1.17 foreign-types-macros v0.2.2

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1.22 instant v0.1.12

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1.24 libc v0.2.139

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1.25 serde_yaml v0.8.26

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1.26 aspect-weave v0.2.1

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1.34 num-traits v0.2.15

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1.41 thiserror v1.0.38

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1.47 base-64 v0.12.3

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1.48 parking_lot_core v0.8.6

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1.50 anyhow v1.0.68

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1.51 hyperscan-sys v0.3.2

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rust-hyperscan

```
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hyperscan/actions/workflows/ci.yml/badge.svg)](https://github.com/flier/rust-hyperscan/actions/workflows/ci.yml)
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hyperscan/hyperscan/index.html)
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[Hyperscan](https://github.com/intel/hyperscan) is a high-performance regular expression matching library.
## Usage
To use, add the following line to Cargo.toml under [dependencies]:
```toml
hyperscan = "0.3"
Examples
```rust
use hyperscan::prelude::*;
fn
main() {
 let pattern = pattern! {"test"; CASELESS | SOM_LEFTMOST};
  let db: BlockDatabase = pattern.build().unwrap();
  let scratch = db.alloc_scratch().unwrap();
  let mut matches = vec![];
  db.scan("some test data", &scratch, |id, from, to, flags| {
    println!("found pattern #{} @ [{}, {})", id, from, to);
    matches.push(from..to);
    Matching::Continue
  }).unwrap();
  assert_eq!(matches, vec![5..9]);
}
## Features
```

Hyperscan v5 API

Starting with Hyperscan v5.0, several new APIs and flags have been introduced.

'rust-hyperscan' uses the latest version of the API by default, providing new features such as 'Literal'.

If you want to work with Hyperscan v4.x, you can disable `v5` feature at compile time.

```
"toml
[dependencies.hyperscan]
version = "0.3"
default-features = false
features = ["full"]
""
```

Chimera API

In order to improve regular expression compatibility, Hyperscan v5.0 starts to provide a PCRE-compatible [Chimera](http://intel.github.io/hyperscan/dev-reference/chimera.html) library.

To enable `Chimera` support, you need to manually download PCRE 8.41 or above, unzip to the source directory of Hyperscan 5.x, compile and install it.

```
"bash
$ cd hyperscan-5.4.0
$ wget https://ftp.pcre.org/pub/pcre/pcre-8.45.tar.gz
$ mkdir pcre
$ tar xvf pcre-8.45.tar.gz --strip-components=1 --directory pcre

$ mkdir build && cd build
$ cmake .. -DCMAKE_INSTALL_PREFIX=`pwd` -DBUILD_STATIC_LIBS=on -G Ninja
$ ninja
$ ninja install
""
```

Then point to the hyperscan installation directory with the `PKG_CONFIG_PATH` environment variable and enable `chimera` feature.

```
""bash

$ PKG_CONFIG_PATH=<CMAKE_INSTALL_PREFIX>/lib/pkgconfig cargo build
""

The `chimera` feature should be enabled.

"``toml
[dependencies]
hyperscan = { version = "0.3", features = ["chimera"] }
```

Note: The `Chimera` library does not support dynamic library linking mode, `static` feature is automatically enabled

```
when `chimera` is enabled.
```

Static Linking Mode

Hyperscan Runtime

As of version 0.2, `rust-hyperscan` uses dynamic library linking mode by default. If you need link a static library, you can use the `static` feature.

```
""toml
[dependencies]
hyperscan = { version = "0.3", features = ["static"] }
""
```

Hyperscan provides [a standalone runtime library](http://intel.github.io/hyperscan/dev-reference/serialization.html#the-runtime-library), which can be used separately. If you don't need to compile regular expressions at runtime, you can reduce the size of the executable using `runtime` mode and get rid of C++ dependencies.

```
"toml
[dependencies.hyperscan]
version = "0.3"
default-features = false
features = ["runtime"]
```

Benchmark

To provide a performance comparison, the `Hyperscan`, `Chimera` and `regex` performance testing tools are provided here.

They will use the same test set on different length data.

```
| Level | Pattern |
|------|
|------|
| Easy0 | ABCDEFGHIJKLMNOPQRSTUVWXYZ$ |
|
| Easy0i | (?i)ABCDEFGHIJklmnopqrstuvwxyz$ | | | | | | | | | | | | | | | | | | | | | | |
| Easy1 | A[AB]B[BC]C[CD]D[DE]E[EF]F[FG]G[GH]H[HI]I[IJ]J$ |
| Medium | [XYZ]ABCDEFGHIJKLMNOPQRSTUVWXYZ$ |
| Hard | [ -~]*ABCDEFGHIJKLMNOPQRSTUVWXYZ$ |
| Hard | ABCD||CDEF||EFGH||GHIJ||IJKL||KLMN||MNOP||OPQR||QRST||STUV||UVWX||WXYZ |
```

You can use the [cargo criterion](https://github.com/bheisler/cargo-criterion) command to run benchmark on your environment.

```
```bash
$ cargo criterion --features chimera
 Finished bench [optimized] target(s) in 0.24s
 time: [7.8000 ns 7.8566 ns 7.9212 ns]
hyperscan/Hard/16
 thrpt: [1.8812 GiB/s 1.8967 GiB/s 1.9104 GiB/s]
hyperscan/Hard/32
 time: [53.495 ns 53.668 ns 53.850 ns]
 thrpt: [566.71 MiB/s 568.64 MiB/s 570.48 MiB/s]
hyperscan/Hard/1024 time: [91.912 ns 95.150 ns 101.64 ns]
 thrpt: [9.3826 GiB/s 10.023 GiB/s 10.376 GiB/s]
hyperscan/Hard/32768 time: [1.1840 us 1.1917 us 1.2015 us]
 thrpt: [25.400 GiB/s 25.608 GiB/s 25.776 GiB/s]
hyperscan/Hard/1048576 time: [35.849 us 35.981 us 36.133 us]
 thrpt: [27.027 GiB/s 27.141 GiB/s 27.241 GiB/s]
hyperscan/Hard/33554432 time: [2.1729 ms 2.1893 ms 2.2075 ms]
 thrpt: [14.156 GiB/s 14.274 GiB/s 14.381 GiB/s]
hyperscan/Medium/16 time: [7.8242 ns 7.9619 ns 8.1801 ns]
 thrpt: [1.8216 GiB/s 1.8716 GiB/s 1.9045 GiB/s]
hyperscan/Medium/32 time: [71.114 ns 71.583 ns 72.090 ns]
 thrpt: [423.33 MiB/s 426.32 MiB/s 429.13 MiB/s]
hyperscan/Medium/1024 time: [110.53 ns 111.09 ns 111.75 ns]
 thrpt: [8.5343 GiB/s 8.5845 GiB/s 8.6280 GiB/s]
hyperscan/Medium/32768 time: [1.2145 us 1.2289 us 1.2502 us]
 thrpt: [24.410 GiB/s 24.834 GiB/s 25.128 GiB/s]
hyperscan/Medium/1048576
 time: [36.109 us 37.559 us 40.516 us]
 thrpt: [24.103
GiB/s 26.001 GiB/s 27.045 GiB/s]
hyperscan/Medium/33554432
 time: [2.1737 ms 2.1863 ms 2.1998 ms]
 thrpt: [14.206 GiB/s 14.293 GiB/s 14.376 GiB/s]
hyperscan/Easy0/16
 time: [7.6203 ns 7.7540 ns 7.9810 ns]
 thrpt: [1.8671 GiB/s 1.9217 GiB/s 1.9555 GiB/s]
hyperscan/Easy0/32
 time: [59.472 ns 60.330 ns 61.681 ns]
 thrpt: [494.76 MiB/s 505.85 MiB/s 513.14 MiB/s]
hyperscan/Easy0/1024 time: [100.62 ns 102.37 ns 105.50 ns]
 thrpt: [9.0395 GiB/s 9.3161 GiB/s 9.4779 GiB/s]
hyperscan/Easy0/32768 time: [1.1906 us 1.1943 us 1.1987 us]
 thrpt: [25.459 GiB/s 25.552 GiB/s 25.632 GiB/s]
hyperscan/Easy0/1048576 time: [36.014 us 36.183 us 36.378 us]
 thrpt: [26.845 GiB/s 26.990 GiB/s 27.116 GiB/s]
hyperscan/Easy0/33554432
 time: [2.1796 ms 2.2412 ms 2.3535 ms]
 thrpt:
 [13.278 GiB/s 13.943 GiB/s 14.338 GiB/s]
hyperscan/Easy1/16
 time: [7.5647 ns 7.5955 ns 7.6288 ns]
 thrpt: [1.9533 GiB/s 1.9618 GiB/s 1.9698 GiB/s]
```

hyperscan/Easy1/32 time: [78.666 ns 79.158 ns 79.806 ns] thrpt: [382.40 MiB/s 385.53 MiB/s 387.94 MiB/s] hyperscan/Easy1/1024 time: [139.51 ns 139.88 ns 140.28 ns] thrpt: [6.7982 GiB/s 6.8179 GiB/s 6.8359 GiB/s] hyperscan/Easy1/32768 time: [1.7645 us 1.8316 us 1.9747 us] thrpt: [15.454 GiB/s 16.661 GiB/s 17.296 GiB/s] hyperscan/Easy1/1048576 time: [54.465 us 54.690 us 54.957 us] thrpt: [17.770 GiB/s 17.856 GiB/s 17.930 GiB/s] hyperscan/Easy1/33554432 time: [2.5835 ms 2.5940 ms 2.6056 ms] thrpt: [11.994 GiB/s 12.047 GiB/s 12.096 GiB/s] hyperscan/Easy0i/16 time: [7.5739 ns 7.5992 ns 7.6260 ns] thrpt: [1.9540 GiB/s 1.9609 GiB/s 1.9674 GiB/s] hyperscan/Easy0i/32 time: [63.005 ns 64.754 ns 67.552 ns] thrpt: [451.77 MiB/s 471.28 MiB/s 484.37 MiB/s] hyperscan/Easy0i/1024 time: [114.28 ns 116.08 ns 118.43 ns] thrpt: [8.0526 GiB/s 8.2157 GiB/s 8.3450 GiB/s] hyperscan/Easy0i/32768 time: [1.3169 us 1.3209 us 1.3256 us] thrpt: [23.022 GiB/s 23.103 GiB/s 23.174 GiB/s] hyperscan/Easy0i/1048576 time: [40.118 us 40.363 us 40.628 us] thrpt: [24.037 GiB/s 24.194 GiB/s 24.342 GiB/s] hyperscan/Easy0i/33554432 time: [2.2489 ms 2.2769 ms 2.3150 ms] thrpt: [13.499 GiB/s 13.725 GiB/s 13.896 GiB/s] hyperscan/Hard1/16 time: [38.670 ns 40.512 ns 43.454 ns] thrpt: [351.15 MiB/s 376.65 MiB/s 394.59 MiB/s] hyperscan/Hard1/32 time: [40.461 ns 40.692 ns 40.890 ns] thrpt: [746.32 MiB/s 749.97 MiB/s 754.24 MiB/s] hyperscan/Hard1/1024 time: [68.407 ns 68.681 ns 69.002 ns] thrpt: [13.821 GiB/s 13.886 GiB/s 13.941 GiB/s] hyperscan/Hard1/32768 time: [1.0370 us 1.0411 us 1.0455 us] thrpt: [29.190 GiB/s 29.314 GiB/s 29.429 GiB/s] hyperscan/Hard1/1048576 time: [34.754 us 35.279 us 36.310 us] thrpt: [26.895 GiB/s 27.681 GiB/s 28.099 GiB/s] hyperscan/Hard1/33554432 time: [2.3153 ms 2.3878 ms 2.4730 ms] thrpt: [12.637 GiB/s 13.087 GiB/s 13.497 GiB/s] chimera/Hard/16 time: [21.959 ns 22.034 ns 22.121 ns] thrpt: [689.79 MiB/s 692.50 MiB/s 694.87 MiB/s] chimera/Hard/32 time: [45.730 ns 45.872 ns 46.046 ns] thrpt: [662.76 MiB/s 665.28 MiB/s 667.34 MiB/s] chimera/Hard/1024 time: [116.41 ns 121.81 ns 132.81 ns] thrpt: [7.1810 GiB/s 7.8292

GiB/s 8.1923 GiB/s] time: [1.2021 us 1.2064 us 1.2124 us] chimera/Hard/32768 thrpt: [25.171 GiB/s 25.296 GiB/s 25.387 GiB/s] chimera/Hard/1048576 time: [35.805 us 35.916 us 36.050 us] thrpt: [27.089 GiB/s 27.190 GiB/s 27.274 GiB/s] chimera/Hard/33554432 time: [2.2012 ms 2.2206 ms 2.2414 ms] thrpt: [13.942 GiB/s 14.073 GiB/s 14.197 GiB/s] chimera/Medium/16 time: [21.899 ns 22.288 ns 23.108 ns] thrpt: [660.33 MiB/s 684.63 MiB/s 696.77 MiB/s] chimera/Medium/32 time: [49.151 ns 49.310 ns 49.487 ns] thrpt: [616.68 MiB/s 618.89 MiB/s 620.89 MiB/s] chimera/Medium/1024 time: [128.00 ns 128.48 ns 129.00 ns] thrpt: [7.3926 GiB/s 7.4229 GiB/s 7.4505 GiB/s] chimera/Medium/32768 time: [1.2143 us 1.2178 us 1.2219 us] thrpt: [24.976 GiB/s 25.059 GiB/s 25.132 GiB/s] chimera/Medium/1048576 time: [35.888 us 36.224 us 36.839 us] thrpt: [26.509 GiB/s 26.959 GiB/s 27.212 GiB/s] chimera/Medium/33554432 time: [2.2379 ms 2.2767 ms 2.3200 ms] thrpt: [13.470 GiB/s 13.726 GiB/s 13.964 GiB/s] chimera/Easy0/16 time: [22.006 ns 22.074 ns 22.145 ns] thrpt: [689.05 MiB/s 691.25 MiB/s 693.40 MiB/s] chimera/Easy0/32 time: [45.707 ns 46.510 ns 47.881 ns] thrpt: [637.37 MiB/s 656.15 MiB/s 667.68 MiB/s] chimera/Easy0/1024 time: [116.18 ns 118.38 ns 121.96 ns] thrpt: [7.8196 GiB/s 8.0559 GiB/s 8.2085 GiB/s] chimera/Easy0/32768 time: [1.2089 us 1.2149 us 1.2222 us] thrpt: [24.970 GiB/s 25.120 GiB/s 25.245 GiB/s] chimera/Easy0/1048576 time: [35.747 us 35.839 us 35.949 us] thrpt: [27.165 GiB/s 27.248 GiB/s 27.318 GiB/s] chimera/Easy0/33554432 time: [2.1717 ms 2.1862 ms 2.2021 ms] thrpt: [14.191 GiB/s 14.294 GiB/s 14.389 GiB/s] chimera/Easy1/16 time: [21.898 ns 21.957 ns 22.019 ns] thrpt: [692.99 MiB/s 694.95 MiB/s 696.80 MiB/s] chimera/Easy1/32 time: [54.226 ns 58.548 ns 63.641 ns] thrpt: [479.53 MiB/s 521.24 MiB/s 562.78 MiB/s] chimera/Easy1/1024 time: [156.46 ns 156.94 ns 157.50 ns] thrpt: [6.0551 GiB/s 6.0769 GiB/s 6.0954 GiB/s] chimera/Easy1/32768 time: [1.9545 us 2.4792 us 3.5112 us] thrpt: [8.6914 GiB/s 12.310 GiB/s 15.614 GiB/s] chimera/Easy1/1048576 time: [61.846 us 80.517 us 107.45 us] thrpt: [9.0885 GiB/s 12.129 GiB/s 15.790 GiB/s] chimera/Easy1/33554432 time: [3.5006 ms 3.8279 ms 4.2312 ms] thrpt: [7.3857 GiB/s 8.1637 GiB/s 8.9271 GiB/s] chimera/Easy0i/16 time: [32.880 ns 37.164 ns 42.523 ns]

thrpt: [358.83

```
MiB/s 410.58 MiB/s 464.07 MiB/s]
chimera/Easy0i/32
 time: [56.519 ns 60.221 ns 64.878 ns]
 thrpt: [470.38 MiB/s 506.76 MiB/s 539.95 MiB/s]
chimera/Easy0i/1024 time: [131.94 ns 132.87 ns 133.96 ns]
 thrpt: [7.1191 GiB/s 7.1775 GiB/s 7.2283 GiB/s]
chimera/Easy0i/32768 time: [1.6345 us 1.7481 us 1.9095 us]
 thrpt: [15.982 GiB/s 17.457 GiB/s 18.671 GiB/s]
chimera/Easy0i/1048576 time: [45.820 us 47.466 us 49.573 us]
 thrpt: [19.699 GiB/s 20.574 GiB/s 21.313 GiB/s]
chimera/Easy0i/33554432 time: [2.6227 ms 2.6561 ms 2.6926 ms]
 thrpt: [11.606 GiB/s 11.765 GiB/s 11.915 GiB/s]
chimera/Hard1/16
 time: [62.354 ns 63.248 ns 64.400 ns]
 thrpt: [236.94 MiB/s 241.25 MiB/s 244.71 MiB/s]
chimera/Hard1/32
 time: [62.204 ns 64.787 ns 68.518 ns]
 thrpt: [445.39 MiB/s 471.05 MiB/s 490.60 MiB/s]
chimera/Hard1/1024
 time: [100.28 ns 107.50 ns 119.79 ns]
 thrpt: [7.9612 GiB/s 8.8711 GiB/s 9.5099 GiB/s]
chimera/Hard1/32768 time: [1.1941 us 1.2423 us 1.3333 us]
 thrpt: [22.889 GiB/s 24.565 GiB/s 25.557 GiB/s]
chimera/Hard1/1048576 time: [40.332 us 41.404 us 42.798 us]
 thrpt: [22.818 GiB/s 23.586 GiB/s 24.213 GiB/s]
chimera/Hard1/33554432 time: [3.0922 ms 3.4004 ms 3.7717 ms]
 thrpt: [8.2854 GiB/s 9.1901 GiB/s 10.106 GiB/s]
regex/Hard/16
 time: [65.931 ns 67.258 ns 68.895 ns]
 thrpt: [221.48 MiB/s 226.87 MiB/s 231.44 MiB/s]
 time: [113.10 ns 121.71 ns 132.71 ns]
regex/Hard/32
 thrpt: [229.95 MiB/s 250.73 MiB/s 269.82 MiB/s]
regex/Hard/1024
 time: [2.1262 us 2.1694 us 2.2317 us]
 thrpt: [437.58 MiB/s 450.16 MiB/s 459.30 MiB/s]
regex/Hard/32768
 time: [68.672 us 74.051
us 81.856 us]
 thrpt: [381.77 MiB/s 422.01 MiB/s 455.06 MiB/s]
regex/Hard/1048576 time: [2.1402 ms 2.1658 ms 2.1936 ms]
 thrpt: [455.86 MiB/s 461.73 MiB/s 467.24 MiB/s]
Benchmarking regex/Hard/33554432: Warming up for 3.0000 s
Warning: Unable to complete 100 samples in 5.0s. You may wish to increase target time to 6.8s, or reduce sample
count to 70.
regex/Hard/33554432 time: [69.916 ms 72.581 ms 76.022 ms]
 thrpt: [420.93 MiB/s 440.88 MiB/s 457.69 MiB/s]
regex/Medium/16
 time: [39.695 ns 40.709 ns 41.880 ns]
 thrpt: [364.34 MiB/s 374.82 MiB/s 384.40 MiB/s]
regex/Medium/32
 time: [51.597 ns 51.816 ns 52.057 ns]
 thrpt: [586.23 MiB/s 588.96 MiB/s 591.45 MiB/s]
regex/Medium/1024
 time: [158.24 ns 162.78 ns 169.19 ns]
 thrpt: [5.6365 GiB/s 5.8587 GiB/s 6.0269 GiB/s]
```

time: [3.6467

regex/Medium/32768

us 3.7579 us 3.9074 us] thrpt: [7.8102 GiB/s 8.1210 GiB/s 8.3685 GiB/s] regex/Medium/1048576 time: [125.20 us 134.81 us 150.08 us] thrpt: [6.5072 GiB/s 7.2439 GiB/s 7.7998 GiB/s] regex/Medium/33554432 time: [4.6222 ms 4.8445 ms 5.1140 ms] thrpt: [6.1106 GiB/s 6.4507 GiB/s 6.7609 GiB/s] time: [34.249 ns 34.529 ns 34.823 ns] regex/Easy0/16 thrpt: [438.18 MiB/s 441.91 MiB/s 445.52 MiB/s] regex/Easy0/32 time: [45.272 ns 45.964 ns 46.787 ns] thrpt: [652.26 MiB/s 663.95 MiB/s 674.09 MiB/s] regex/Easy0/1024 time: [66.692 ns 67.038 ns 67.416 ns] thrpt: [14.146 GiB/s 14.226 GiB/s 14.300 GiB/s] regex/Easy0/32768 time: [1.1983 us 1.2147 us 1.2343 us] thrpt: [24.725 GiB/s 25.123 GiB/s 25.467 GiB/s] regex/Easy0/1048576 time: [43.438 us 44.470 us 45.709 us] thrpt: [21.365 GiB/s 21.960 GiB/s 22.482 GiB/s] regex/Easy0/33554432 time: [2.4127 ms 2.4772 ms 2.5653 ms] thrpt: [12.182 GiB/s 12.615 GiB/s 12.952 GiB/s] time: [50.337 ns 50.917 ns 51.635 ns] regex/Easy1/16 thrpt: [295.51 MiB/s 299.68 MiB/s 303.14 MiB/s] regex/Easy1/32 time: [50.931 ns 52.127 ns 53.770 ns] thrpt: [567.56 MiB/s 585.45 MiB/s 599.20 MiB/s] regex/Easy1/1024 time: [66.875 ns 72.588 ns 79.624 ns] thrpt: [11.977 GiB/s 13.138 GiB/s 14.261 GiB/s] regex/Easy1/32768 time: [448.08 ns 489.86 ns 551.24 ns] thrpt: [55.361 GiB/s 62.299 GiB/s 68.108 GiB/s] regex/Easy1/1048576 time: [25.172 us 28.716 us 33.628 us] thrpt: [29.040 GiB/s 34.008 GiB/s 38.796 GiB/s] regex/Easy1/33554432 time: [2.3208 ms 2.4041 ms 2.4967 ms] thrpt: [12.517 GiB/s 12.999 GiB/s 13.465 GiB/s] regex/Easy0i/16 time: [59.379 ns 60.330 ns 61.471 ns] thrpt: [248.23 MiB/s 252.92 MiB/s 256.97 MiB/s] regex/Easy0i/32 time: [86.053 ns 91.097 ns 98.327 ns] thrpt: [310.37 MiB/s 335.00 MiB/s 354.64 MiB/s] regex/Easy0i/1024 time: [151.25 ns 152.59 ns 154.10 ns] thrpt: [6.1888 GiB/s 6.2499 GiB/s 6.3052 GiB/s] regex/Easy0i/32768 time: [3.6745 us 3.7282 us 3.7843 us] thrpt: [8.0642 GiB/s 8.1857 GiB/s 8.3052 GiB/s] regex/Easy0i/1048576 time: [134.03 us 142.00 us 151.84 us] thrpt: [6.4317 GiB/s 6.8774 GiB/s 7.2859 GiB/s] regex/Easy0i/33554432 time: [4.9993 ms 5.7185 ms 6.6768 ms] thrpt: [4.6804 GiB/s 5.4647 GiB/s 6.2509 GiB/s] regex/Hard1/16 time: [56.829 ns 62.347 ns 71.392 ns] thrpt: [213.73 MiB/s 244.74 MiB/s 268.51 MiB/s] regex/Hard1/32 time:

[99.740 ns 109.86 ns 122.72 ns]

thrpt: [248.67 MiB/s 277.78 MiB/s 305.97 MiB/s]

regex/Hard1/1024 time: [155.81 ns 166.22 ns 181.80 ns]

thrpt: [5.2458 GiB/s 5.7375 GiB/s 6.1209 GiB/s]

regex/Hard1/32768 time: [4.2781 us 4.5519 us 4.9237 us]

thrpt: [6.1981 GiB/s 6.7044 GiB/s 7.1334 GiB/s]

regex/Hard1/1048576 time: [199.14 us 242.67 us 293.85 us]

thrpt: [3.3233 GiB/s 4.0243 GiB/s 4.9040 GiB/s]

regex/Hard1/33554432 time: [6.0598 ms 6.6442 ms 7.3072 ms]

thrpt: [4.2766 GiB/s 4.7034 GiB/s 5.1569 GiB/s]

•••

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### Found in path(s):

\* /opt/cola/permits/1579896911\_1677736219.8168688/0/rust-hyperscan-master-zip/rust-hyperscan-master/README.md

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# 1.56 generic-array v0.14.6

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# 1.65 winapi-util v0.1.5

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## 1.70 opaque-debug v0.3.0

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# 1.73 object v0.30.3

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# 1.77 unicode-ident v1.0.6

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# 1.80 proc-macro-error v1.0.4

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# 1.82 getrandom v0.2.8

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# 1.83 hdrhistogram v7.5.2

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# 1.95 linked-hash-map v0.5.6

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# 1.112 zeroize v1.3.0

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# 1.113 rkyv v0.7.39

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# 1.114 snafu-derive v0.7.4

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# 1.115 walkdir v2.3.2

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## 1.119 hashbrown v0.12.3

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David Renshaw: Primary Author

Dan Burkert: The [initial implementation](https://github.com/dwrensha/capnproto-rust/pull/42) of nonblocking reading and writing.

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# 1.144 malloc\_buf v1.0.0

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## 1.147 universal-hash v0.4.1

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## 1.149 bit-vec v0.6.3

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## 1.157 common v1.1.0

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# 1.158 bitflags v1.3.2

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# 1.159 syn v1.0.107

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# 1.161 subtle v2.4.1

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# 1.162 nom v7.1.3

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# 1.163 hyperscan v0.3.2

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```
rust-hyperscan
[![Continuous integration](https://github.com/flier/rust-
hyperscan/actions/workflows/ci.yml/badge.svg)](https://github.com/flier/rust-hyperscan/actions/workflows/ci.yml)
[![Github Pages](https://github.com/flier/rust-
hyperscan/actions/workflows/pages.yml/badge.svg?branch=master)] (https://github.com/flier/rust-pages.yml/badge.svg?branch=master)] (https://github.com/flier/rust-pages.yml/badge.svg) (https://github.com/flier/rust-pages.github.com/flier/rust-pages.github.com/flier/rust-pages.github.com/flier/rust-pages.github.com/flier/rust-pages.github.com/flier/rust-pages.github.com/flier/rust-pages.github.com/flier/rust-pages.github.com/flier/rust-pages.github.com/flier/rust-pages.github.com/flier/rust-pages.github.com/flier/rust-pages.github.com/flier/rust
hyperscan/actions/workflows/pages.yml)
[![crate](https://img.shields.io/crates/v/hyperscan.svg)](https://crates.io/crates/hyperscan)
[![docs](https://img.shields.io/badge/docs-next-brightgreen)](https://flier.github.io/rust-
hyperscan/hyperscan/index.html)
[![Crates.io](https://img.shields.io/crates/l/hyperscan)](https://spdx.org/licenses/Apache-2.0.html)
[Hyperscan](https://github.com/intel/hyperscan) is a high-performance regular expression matching library.
Usage
To use, add the following line to Cargo.toml under [dependencies]:
```toml
hyperscan = "0.3"
## Examples
```rust
use hyperscan::prelude::*;
fn
 main() {
 let pattern = pattern! {"test"; CASELESS | SOM_LEFTMOST};
 let db: BlockDatabase = pattern.build().unwrap();
 let scratch = db.alloc_scratch().unwrap();
 let mut matches = vec![];
```

```
db.scan("some test data", &scratch, |id, from, to, flags| {
 println!("found pattern #{} @ [{}, {})", id, from, to);
 matches.push(from..to);
 Matching::Continue
 }).unwrap();
 assert_eq!(matches, vec![5..9]);
}
Features
Hyperscan v5 API
Starting with Hyperscan v5.0, several new APIs and flags have been introduced.
`rust-hyperscan` uses the latest version of the API by default, providing new features such as `Literal`.
If you want to work with Hyperscan v4.x, you can disable `v5` feature at compile time.
```toml
[dependencies.hyperscan]
version = "0.3"
default-features = false
features = ["full"]
### Chimera API
In order to improve regular expression compatibility, Hyperscan v5.0 starts to provide a PCRE-compatible
[Chimera](http://intel.github.io/hyperscan/dev-reference/chimera.html) library.
To enable 'Chimera' support, you need to manually download PCRE 8.41 or above, unzip to the source directory of
Hyperscan 5.x, compile and install it.
```bash
$ cd hyperscan-5.4.0
$ wget https://ftp.pcre.org/pub/pcre/pcre-8.45.tar.gz
$ mkdir pcre
$ tar xvf pcre-8.45.tar.gz --strip-components=1 --directory pcre
$ mkdir build && cd build
$ cmake .. -DCMAKE_INSTALL_PREFIX=`pwd` -DBUILD_STATIC_LIBS=on -G Ninja
$ ninja
$ ninja install
```

Then point to the hyperscan installation directory with the `PKG\_CONFIG\_PATH` environment variable and enable `chimera` feature.

```
""bash

PKG_CONFIG_PATH=<CMAKE_INSTALL_PREFIX>/lib/pkgconfig cargo build
""

The `chimera` feature should be enabled.

"`toml
[dependencies]
hyperscan = { version = "0.3", features = ["chimera"] }

""

Note: The `Chimera` library does not support dynamic library linking mode, `static` feature is automatically enabled when `chimera` is enabled.

Static Linking Mode
```

As of version 0.2, `rust-hyperscan` uses dynamic library linking mode by default. If you need link a static library, you can use the `static` feature.

```
```toml
[dependencies]
hyperscan = { version = "0.3", features = ["static"] }
```
```

Hyperscan provides [a standalone runtime library](http://intel.github.io/hyperscan/dev-reference/serialization.html#the-runtime-library), which can be used separately. If you don't need to compile regular expressions at runtime, you can reduce the size of the executable using `runtime` mode and get rid of C++ dependencies.

```
"toml
[dependencies.hyperscan]
version = "0.3"
default-features = false
features = ["runtime"]
""
```

## Benchmark

### Hyperscan Runtime

To provide a performance comparison, the `Hyperscan`, `Chimera` and `regex` performance testing tools are provided here.

They will use the same test set on different length data.

```
| Level | Pattern |
|-----|
| Easy0 | ABCDEFGHIJKLMNOPQRSTUVWXYZ$ |
Easy0i | (?i)ABCDEFGHIJklmnopgrstuvwxyz$ |
| Easy1 | A[AB]B[BC]C[CD]D[DE]E[EF]F[FG]G[GH]H[HI]I[IJ]J$ |
| Medium | [XYZ]ABCDEFGHIJKLMNOPQRSTUVWXYZ$ |
| Hard | [-~]*ABCDEFGHIJKLMNOPQRSTUVWXYZ$ |
| Hard1 | ABCD\|CDEF\|EFGH\|GHIJ\|IJKL\|KLMN\|MNOP\|OPQR\|QRST\|STUV\|UVWX\|WXYZ |
You can use the [cargo criterion](https://github.com/bheisler/cargo-criterion) command to run benchmark on your
environment.
```bash
$ cargo criterion --features chimera
 Finished bench [optimized] target(s) in 0.24s
hyperscan/Hard/16
                    time: [7.8000 ns 7.8566 ns 7.9212 ns]
             thrpt: [1.8812 GiB/s 1.8967 GiB/s 1.9104 GiB/s]
hyperscan/Hard/32
                   time: [53.495 ns 53.668 ns 53.850 ns]
             thrpt: [566.71 MiB/s 568.64 MiB/s 570.48 MiB/s]
hyperscan/Hard/1024 time: [91.912 ns 95.150 ns 101.64 ns]
             thrpt: [9.3826 GiB/s 10.023 GiB/s 10.376 GiB/s]
hyperscan/Hard/32768 time: [1.1840 us 1.1917 us 1.2015 us]
 thrpt: [25.400 GiB/s 25.608 GiB/s 25.776 GiB/s]
hyperscan/Hard/1048576 time: [35.849 us 35.981 us 36.133 us]
             thrpt: [27.027 GiB/s 27.141 GiB/s 27.241 GiB/s]
hyperscan/Hard/33554432 time: [2.1729 ms 2.1893 ms 2.2075 ms]
             thrpt: [14.156 GiB/s 14.274 GiB/s 14.381 GiB/s]
hyperscan/Medium/16 time: [7.8242 ns 7.9619 ns 8.1801 ns]
             thrpt: [1.8216 GiB/s 1.8716 GiB/s 1.9045 GiB/s]
hyperscan/Medium/32 time: [71.114 ns 71.583 ns 72.090 ns]
             thrpt: [423.33 MiB/s 426.32 MiB/s 429.13 MiB/s]
hyperscan/Medium/1024 time: [110.53 ns 111.09 ns 111.75 ns]
             thrpt: [8.5343 GiB/s 8.5845 GiB/s 8.6280 GiB/s]
hyperscan/Medium/32768 time: [1.2145 us 1.2289 us 1.2502 us]
             thrpt: [24.410 GiB/s 24.834 GiB/s 25.128 GiB/s]
hyperscan/Medium/1048576
             time: [36.109 us 37.559 us 40.516 us]
             thrpt: [24.103
GiB/s 26.001 GiB/s 27.045 GiB/s]
hyperscan/Medium/33554432
             time: [2.1737 ms 2.1863 ms 2.1998 ms]
             thrpt: [14.206 GiB/s 14.293 GiB/s 14.376 GiB/s]
```

hyperscan/Easy0/16 time: [7.6203 ns 7.7540 ns 7.9810 ns] thrpt: [1.8671 GiB/s 1.9217 GiB/s 1.9555 GiB/s] hyperscan/Easy0/32 time: [59.472 ns 60.330 ns 61.681 ns] thrpt: [494.76 MiB/s 505.85 MiB/s 513.14 MiB/s] hyperscan/Easy0/1024 time: [100.62 ns 102.37 ns 105.50 ns] thrpt: [9.0395 GiB/s 9.3161 GiB/s 9.4779 GiB/s] hyperscan/Easy0/32768 time: [1.1906 us 1.1943 us 1.1987 us] thrpt: [25.459 GiB/s 25.552 GiB/s 25.632 GiB/s] hyperscan/Easy0/1048576 time: [36.014 us 36.183 us 36.378 us] thrpt: [26.845 GiB/s 26.990 GiB/s 27.116 GiB/s] hyperscan/Easy0/33554432 time: [2.1796 ms 2.2412 ms 2.3535 ms] thrpt: [13.278 GiB/s 13.943 GiB/s 14.338 GiB/s] hyperscan/Easy1/16 time: [7.5647 ns 7.5955 ns 7.6288 ns] thrpt: [1.9533 GiB/s 1.9618 GiB/s 1.9698 GiB/s] hyperscan/Easy1/32 time: [78.666 ns 79.158 ns 79.806 ns] thrpt: [382.40 MiB/s 385.53 MiB/s 387.94 MiB/s] hyperscan/Easy1/1024 time: [139.51 ns 139.88 ns 140.28 ns] thrpt: [6.7982 GiB/s 6.8179 GiB/s 6.8359 GiB/s] hyperscan/Easy1/32768 time: [1.7645 us 1.8316 us 1.9747 us] thrpt: [15.454 GiB/s 16.661 GiB/s 17.296 GiB/s] hyperscan/Easy1/1048576 time: [54.465 us 54.690 us 54.957 us] thrpt: [17.770 GiB/s 17.856 GiB/s 17.930 GiB/s] hyperscan/Easy1/33554432 time: [2.5835 ms 2.5940 ms 2.6056 ms] thrpt: [11.994 GiB/s 12.047 GiB/s 12.096 GiB/s] hyperscan/Easy0i/16 time: [7.5739 ns 7.5992 ns 7.6260 ns] thrpt: [1.9540 GiB/s 1.9609 GiB/s 1.9674 GiB/s] hyperscan/Easy0i/32 time: [63.005 ns 64.754 ns 67.552 ns] thrpt: [451.77 MiB/s 471.28 MiB/s 484.37 MiB/s] hyperscan/Easy0i/1024 time: [114.28 ns 116.08 ns 118.43 ns] thrpt: [8.0526 GiB/s 8.2157 GiB/s 8.3450 GiB/s] hyperscan/Easy0i/32768 time: [1.3169 us 1.3209 us 1.3256 us] thrpt: [23.022 GiB/s 23.103 GiB/s 23.174 GiB/s] hyperscan/Easy0i/1048576 time: [40.118 us 40.363 us 40.628 us] thrpt: [24.037 GiB/s 24.194 GiB/s 24.342 GiB/s] hyperscan/Easy0i/33554432 time: [2.2489 ms 2.2769 ms 2.3150 ms] thrpt: [13.499 GiB/s 13.725 GiB/s 13.896 GiB/s] hyperscan/Hard1/16 time: [38.670 ns 40.512 ns 43.454 ns] thrpt: [351.15 MiB/s 376.65 MiB/s 394.59 MiB/s] hyperscan/Hard1/32 time: [40.461 ns 40.692 ns 40.890 ns] thrpt: [746.32 MiB/s 749.97 MiB/s 754.24 MiB/s] hyperscan/Hard1/1024 time: [68.407 ns 68.681 ns 69.002 ns]

thrpt: [13.821 GiB/s 13.886 GiB/s 13.941 GiB/s] hyperscan/Hard1/32768 time: [1.0370 us 1.0411 us 1.0455 us] thrpt: [29.190 GiB/s 29.314 GiB/s 29.429 GiB/s] hyperscan/Hard1/1048576 time: [34.754 us 35.279 us 36.310 us] thrpt: [26.895 GiB/s 27.681 GiB/s 28.099 GiB/s] hyperscan/Hard1/33554432 time: [2.3153 ms 2.3878 ms 2.4730 ms] thrpt: [12.637 GiB/s 13.087 GiB/s 13.497 GiB/s] chimera/Hard/16 time: [21.959 ns 22.034 ns 22.121 ns] thrpt: [689.79 MiB/s 692.50 MiB/s 694.87 MiB/s] chimera/Hard/32 time: [45.730 ns 45.872 ns 46.046 ns] thrpt: [662.76 MiB/s 665.28 MiB/s 667.34 MiB/s] chimera/Hard/1024 time: [116.41 ns 121.81 ns 132.81 ns] thrpt: [7.1810 GiB/s 7.8292 GiB/s 8.1923 GiB/s] chimera/Hard/32768 time: [1.2021 us 1.2064 us 1.2124 us] thrpt: [25.171 GiB/s 25.296 GiB/s 25.387 GiB/s] chimera/Hard/1048576 time: [35.805 us 35.916 us 36.050 us] thrpt: [27.089 GiB/s 27.190 GiB/s 27.274 GiB/s] chimera/Hard/33554432 time: [2.2012 ms 2.2206 ms 2.2414 ms] thrpt: [13.942 GiB/s 14.073 GiB/s 14.197 GiB/s] chimera/Medium/16 time: [21.899 ns 22.288 ns 23.108 ns] thrpt: [660.33 MiB/s 684.63 MiB/s 696.77 MiB/s] chimera/Medium/32 time: [49.151 ns 49.310 ns 49.487 ns] thrpt: [616.68 MiB/s 618.89 MiB/s 620.89 MiB/s] chimera/Medium/1024 time: [128.00 ns 128.48 ns 129.00 ns] thrpt: [7.3926 GiB/s 7.4229 GiB/s 7.4505 GiB/s] chimera/Medium/32768 time: [1.2143 us 1.2178 us 1.2219 us] thrpt: [24.976 GiB/s 25.059 GiB/s 25.132 GiB/s] chimera/Medium/1048576 time: [35.888 us 36.224 us 36.839 us] thrpt: [26.509 GiB/s 26.959 GiB/s 27.212 GiB/s] chimera/Medium/33554432 time: [2.2379 ms 2.2767 ms 2.3200 ms] thrpt: [13.470 GiB/s 13.726 GiB/s 13.964 GiB/s] chimera/Easy0/16 time: [22.006 ns 22.074 ns 22.145 ns] thrpt: [689.05 MiB/s 691.25 MiB/s 693.40 MiB/s] chimera/Easy0/32 time: [45.707 ns 46.510 ns 47.881 ns] thrpt: [637.37 MiB/s 656.15 MiB/s 667.68 MiB/s] chimera/Easy0/1024 time: [116.18 ns 118.38 ns 121.96 ns] thrpt: [7.8196 GiB/s 8.0559 GiB/s 8.2085 GiB/s] chimera/Easy0/32768 time: [1.2089 us 1.2149 us 1.2222 us] thrpt: [24.970 GiB/s 25.120 GiB/s 25.245 GiB/s] chimera/Easy0/1048576 time: [35.747 us 35.839 us 35.949 us] thrpt: [27.165 GiB/s 27.248 GiB/s 27.318 GiB/s] chimera/Easy0/33554432 time: [2.1717 ms 2.1862 ms 2.2021 ms] thrpt: [14.191 GiB/s 14.294 GiB/s 14.389 GiB/s]

chimera/Easy1/16 time: [21.898 ns 21.957 ns 22.019 ns] thrpt: [692.99 MiB/s 694.95 MiB/s 696.80 MiB/s] chimera/Easy1/32 time: [54.226 ns 58.548 ns 63.641 ns] thrpt: [479.53 MiB/s 521.24 MiB/s 562.78 MiB/s] chimera/Easy1/1024 time: [156.46 ns 156.94 ns 157.50 ns] thrpt: [6.0551 GiB/s 6.0769 GiB/s 6.0954 GiB/s] chimera/Easy1/32768 time: [1.9545 us 2.4792 us 3.5112 us] thrpt: [8.6914 GiB/s 12.310 GiB/s 15.614 GiB/s] chimera/Easy1/1048576 time: [61.846 us 80.517 us 107.45 us] thrpt: [9.0885 GiB/s 12.129 GiB/s 15.790 GiB/s] chimera/Easy1/33554432 time: [3.5006 ms 3.8279 ms 4.2312 ms] thrpt: [7.3857 GiB/s 8.1637 GiB/s 8.9271 GiB/s] chimera/Easy0i/16 time: [32.880 ns 37.164 ns 42.523 ns] thrpt: [358.83 MiB/s 410.58 MiB/s 464.07 MiB/s] chimera/Easy0i/32 time: [56.519 ns 60.221 ns 64.878 ns] thrpt: [470.38 MiB/s 506.76 MiB/s 539.95 MiB/s] chimera/Easy0i/1024 time: [131.94 ns 132.87 ns 133.96 ns] thrpt: [7.1191 GiB/s 7.1775 GiB/s 7.2283 GiB/s] chimera/Easy0i/32768 time: [1.6345 us 1.7481 us 1.9095 us] thrpt: [15.982 GiB/s 17.457 GiB/s 18.671 GiB/s] chimera/Easy0i/1048576 time: [45.820 us 47.466 us 49.573 us] thrpt: [19.699 GiB/s 20.574 GiB/s 21.313 GiB/s] chimera/Easy0i/33554432 time: [2.6227 ms 2.6561 ms 2.6926 ms] thrpt: [11.606 GiB/s 11.765 GiB/s 11.915 GiB/s] chimera/Hard1/16 time: [62.354 ns 63.248 ns 64.400 ns] thrpt: [236.94 MiB/s 241.25 MiB/s 244.71 MiB/s] chimera/Hard1/32 time: [62.204 ns 64.787 ns 68.518 ns] thrpt: [445.39 MiB/s 471.05 MiB/s 490.60 MiB/s] chimera/Hard1/1024 time: [100.28 ns 107.50 ns 119.79 ns] thrpt: [7.9612 GiB/s 8.8711 GiB/s 9.5099 GiB/s] chimera/Hard1/32768 time: [1.1941 us 1.2423 us 1.3333 us] thrpt: [22.889 GiB/s 24.565 GiB/s 25.557 GiB/s] chimera/Hard1/1048576 time: [40.332 us 41.404 us 42.798 us] thrpt: [22.818 GiB/s 23.586 GiB/s 24.213 GiB/s] chimera/Hard1/33554432 time: [3.0922 ms 3.4004 ms 3.7717 ms] thrpt: [8.2854 GiB/s 9.1901 GiB/s 10.106 GiB/s] time: [65.931 ns 67.258 ns 68.895 ns] regex/Hard/16 thrpt: [221.48 MiB/s 226.87 MiB/s 231.44 MiB/s] time: [113.10 ns 121.71 ns 132.71 ns] regex/Hard/32 thrpt: [229.95 MiB/s 250.73 MiB/s 269.82 MiB/s] regex/Hard/1024 time: [2.1262 us 2.1694 us 2.2317 us] thrpt: [437.58 MiB/s 450.16 MiB/s 459.30 MiB/s] regex/Hard/32768 time: [68.672 us 74.051 us 81.856 us] thrpt: [381.77 MiB/s 422.01 MiB/s 455.06 MiB/s]

```
thrpt: [455.86 MiB/s 461.73 MiB/s 467.24 MiB/s]
Benchmarking regex/Hard/33554432: Warming up for 3.0000 s
Warning: Unable to complete 100 samples in 5.0s. You may wish to increase target time to 6.8s, or reduce sample
count to 70.
regex/Hard/33554432 time: [69.916 ms 72.581 ms 76.022 ms]
             thrpt: [420.93 MiB/s 440.88 MiB/s 457.69 MiB/s]
regex/Medium/16
                     time: [39.695 ns 40.709 ns 41.880 ns]
             thrpt: [364.34 MiB/s 374.82 MiB/s 384.40 MiB/s]
regex/Medium/32
                     time: [51.597 ns 51.816 ns 52.057 ns]
             thrpt: [586.23 MiB/s 588.96 MiB/s 591.45 MiB/s]
regex/Medium/1024
                      time: [158.24 ns 162.78 ns 169.19 ns]
             thrpt: [5.6365 GiB/s 5.8587 GiB/s 6.0269 GiB/s]
regex/Medium/32768
                       time: [3.6467
us 3.7579 us 3.9074 us]
             thrpt: [7.8102 GiB/s 8.1210 GiB/s 8.3685 GiB/s]
regex/Medium/1048576 time: [125.20 us 134.81 us 150.08 us]
             thrpt: [6.5072 GiB/s 7.2439 GiB/s 7.7998 GiB/s]
regex/Medium/33554432 time: [4.6222 ms 4.8445 ms 5.1140 ms]
             thrpt: [6.1106 GiB/s 6.4507 GiB/s 6.7609 GiB/s]
regex/Easy0/16
                    time: [34.249 ns 34.529 ns 34.823 ns]
             thrpt: [438.18 MiB/s 441.91 MiB/s 445.52 MiB/s]
regex/Easy0/32
                    time: [45.272 ns 45.964 ns 46.787 ns]
             thrpt: [652.26 MiB/s 663.95 MiB/s 674.09 MiB/s]
regex/Easy0/1024
                    time: [66.692 ns 67.038 ns 67.416 ns]
             thrpt: [14.146 GiB/s 14.226 GiB/s 14.300 GiB/s]
regex/Easy0/32768
                     time: [1.1983 us 1.2147 us 1.2343 us]
             thrpt: [24.725 GiB/s 25.123 GiB/s 25.467 GiB/s]
regex/Easy0/1048576 time: [43.438 us 44.470 us 45.709 us]
     thrpt: [21.365 GiB/s 21.960 GiB/s 22.482 GiB/s]
regex/Easy0/33554432 time: [2.4127 ms 2.4772 ms 2.5653 ms]
             thrpt: [12.182 GiB/s 12.615 GiB/s 12.952 GiB/s]
regex/Easy1/16
                    time: [50.337 ns 50.917 ns 51.635 ns]
             thrpt: [295.51 MiB/s 299.68 MiB/s 303.14 MiB/s]
regex/Easy1/32
                    time: [50.931 ns 52.127 ns 53.770 ns]
             thrpt: [567.56 MiB/s 585.45 MiB/s 599.20 MiB/s]
regex/Easy1/1024
                     time: [66.875 ns 72.588 ns 79.624 ns]
             thrpt: [11.977 GiB/s 13.138 GiB/s 14.261 GiB/s]
regex/Easy1/32768
                     time: [448.08 ns 489.86 ns 551.24 ns]
             thrpt: [55.361 GiB/s 62.299 GiB/s 68.108 GiB/s]
regex/Easy1/1048576 time: [25.172 us 28.716 us 33.628 us]
             thrpt: [29.040 GiB/s 34.008 GiB/s 38.796 GiB/s]
regex/Easy1/33554432 time: [2.3208 ms 2.4041 ms 2.4967 ms]
             thrpt: [12.517 GiB/s 12.999 GiB/s
13.465 GiB/s]
regex/Easy0i/16
                    time: [59.379 ns 60.330 ns 61.471 ns]
             thrpt: [248.23 MiB/s 252.92 MiB/s 256.97 MiB/s]
```

time: [2.1402 ms 2.1658 ms 2.1936 ms]

regex/Hard/1048576

```
regex/Easy0i/32
                    time: [86.053 ns 91.097 ns 98.327 ns]
             thrpt: [310.37 MiB/s 335.00 MiB/s 354.64 MiB/s]
regex/Easy0i/1024
                     time: [151.25 ns 152.59 ns 154.10 ns]
             thrpt: [6.1888 GiB/s 6.2499 GiB/s 6.3052 GiB/s]
regex/Easy0i/32768
                     time: [3.6745 us 3.7282 us 3.7843 us]
             thrpt: [8.0642 GiB/s 8.1857 GiB/s 8.3052 GiB/s]
regex/Easy0i/1048576 time: [134.03 us 142.00 us 151.84 us]
             thrpt: [6.4317 GiB/s 6.8774 GiB/s 7.2859 GiB/s]
regex/Easy0i/33554432 time: [4.9993 ms 5.7185 ms 6.6768 ms]
             thrpt: [4.6804 GiB/s 5.4647 GiB/s 6.2509 GiB/s]
regex/Hard1/16
                    time: [56.829 ns 62.347 ns 71.392 ns]
             thrpt: [213.73 MiB/s 244.74 MiB/s 268.51 MiB/s]
regex/Hard1/32
 [99.740 ns 109.86 ns 122.72 ns]
             thrpt: [248.67 MiB/s 277.78 MiB/s 305.97 MiB/s]
regex/Hard1/1024
                     time: [155.81 ns 166.22 ns 181.80 ns]
             thrpt: [5.2458 GiB/s 5.7375 GiB/s 6.1209 GiB/s]
regex/Hard1/32768
                     time: [4.2781 us 4.5519 us 4.9237 us]
             thrpt: [6.1981 GiB/s 6.7044 GiB/s 7.1334 GiB/s]
regex/Hard1/1048576 time: [199.14 us 242.67 us 293.85 us]
             thrpt: [3.3233 GiB/s 4.0243 GiB/s 4.9040 GiB/s]
regex/Hard1/33554432 time: [6.0598 ms 6.6442 ms 7.3072 ms]
             thrpt: [4.2766 GiB/s 4.7034 GiB/s 5.1569 GiB/s]
```

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Found in path(s):

 $*/opt/cola/permits/1579897142_1677736182.1690714/0/flier-rust-hyperscan-v0-3-2-0-ge2471ff-tar-gz/flier-rust-hyperscan-e2471ff/README.md$

1.164 fortify v0.4.1

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1.165 auto_enums v0.7.12

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1.166 minimal-lexical v0.2.1

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`src/bellerophon.rs` is loosely based off the Golang implementation, found

[here](https://github.com/golang/go/blob/b10849fbb97a2244c086991b4623ae9f32c212d0/src/strconv/extfloat.go). That code (used if the `compact` feature is enabled) is subject to a [3-clause BSD

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1.167 aho-corasick v0.7.20

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1.168 salsa v0.9.0

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1.170 semver v1.0.16

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1.171 cipher v0.3.0

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1.172 crypto_box v0.7.2

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1.175 same-file v1.0.6

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1.176 hex v0.4.3

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/*!
* fancyF

* fancyBox - jQuery Plugin

* version: 2.1.5 (Fri, 14 Jun 2013)

* @requires jQuery v1.6 or later

*

* Examples at http://fancyapps.com/fancybox/

* License: www.fancyapps.com/fancybox/#license

*

* Copyright 2012 Janis Skarnelis - janis@fancyapps.com

```
*
*/
```

Found in path(s):

 $*/opt/cola/permits/1579896675_1677736173.912254/0/iissnan-hexo-theme-next-v0-4-3-0-g5de0cfc-tar-gz/iissnan-hexo-theme-next-adef360/source/vendors/fancybox/source/jquery.fancybox.js$

No license file was found, but licenses were detected in source scan.

```
/*! VelocityJS.org (1.2.2). (C) 2014 Julian Shapiro. MIT @license: en.wikipedia.org/wiki/MIT_License */ /*! VelocityJS.org jQuery Shim (1.0.1). (C) 2014 The jQuery Foundation. MIT @license: en.wikipedia.org/wiki/MIT_License. */
```

Found in path(s):

 $*/opt/cola/permits/1579896675_1677736173.912254/0/iissnan-hexo-theme-next-v0-4-3-0-g5de0cfc-tar-gz/iissnan-hexo-theme-next-adef360/source/vendors/velocity/velocity.min.js$

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fancyBox

fancyBox is a tool that offers a nice and elegant way to add zooming functionality for images, html content and multi-media on your webpages.

More information and examples: http://www.fancyapps.com/fancybox/

License: http://www.fancyapps.com/fancybox/#license

Copyright (c) 2012 Janis Skarnelis - janis@fancyapps.com

How to use

To get started, download the plugin, unzip it and copy files to your website/application directory. Load files in the <head> section of your HTML document. Make sure you also add the jQuery library.

Create your links with a `title` if you want a title to be shown, and add a class:

```
<a href="large_image.jpg" class="fancybox" title="Sample title"><img src="small_image.jpg" /></a>
```

If you have a set of related items that you would like to group,

additionally include a group name in the `rel` (or `data-fancybox-group`) attribute:

```
<a href="large_1.jpg" class="fancybox" rel="gallery" title="Sample title 1"><img src="small_1.jpg" /></a> <a href="large_2.jpg" class="fancybox" rel="gallery" title="Sample title 1"><img src="small_2.jpg" /></a>
```

Initialise the script like this:

```
<script>
$(document).ready(function() {
    $('.fancybox').fancybox();
});
</script>
```

May also be passed an optional options object which will extend the default values. Example:

```
<script>
  $(document).ready(function() {
    $('.fancybox').fancybox({
       padding : 0,
       openEffect : 'elastic'
    });
});
</script>
```

Tip: Automatically group and apply fancyBox to all images:

```
 ("a[href\$='.jpg'],a[href\$='.jpg'],a[href\$='.gif']").attr('rel', 'gallery').fancybox();
```

Script uses the 'href' attribute of the matched elements to obtain the location of the content and to figure out content type you want to display.

You can specify type directly by adding classname (fancybox.image, fancybox.iframe, etc) or `data-fancybox-type` attribute:

```
//Ajax:
<a href="/example.html" class="fancybox fancybox.ajax">Example</a>
//or
<a href="/example.html" class="fancybox" data-fancybox-type="ajax">Example</a>
//Iframe:
<a href="example.html" class="fancybox fancybox.iframe">Example</a>
//Inline (will display an element with `id="example"`)
<a href="#example" class="fancybox">Example</a>
//SWF:
<a href="example.swf" class="fancybox">Example</a>
```

```
//Image:
<a href="example.jpg" class="fancybox">Example</a>
```

Note, ajax requests are subject to the [same origin policy](http://en.wikipedia.org/wiki/Same_origin_policy).

fancyBox will not be able to get content type, it will try to guess based on 'href' and will quit silently if would not succeed.

(this is different from previsous versions where 'ajax' was used as default type or an error message was displayed).

Advanced

Helpers

Helpers provide a simple mechanism to extend the capabilities of fancyBox. There are two built-in helpers - 'overlay' and 'title'.

You can disable them, set custom options or enable other helpers. Examples:

```
//Disable title helper
$(".fancybox").fancybox({
  helpers: {
     title: null
  }
});
//Disable overlay helper
$(".fancybox").fancybox({
  helpers: {
    overlay: null
  }
});
//Change title position and overlay color
$(".fancybox").fancybox({
  helpers: {
    title: {
       type: 'inside'
     },
    overlay: {
       css: {
 'background': 'rgba(255,255,255,0.5)'
     }
  }
});
```

//Enable thumbnail helper and set custom options

```
$(".fancybox").fancybox({
    helpers: {
      thumbs: {
         width: 50,
         height: 50
       }
    }
  });
### API
Also available are event driven callback methods. The 'this' keyword refers to the current or upcoming object
(depends on callback method). Here is how you can change title:
 $(".fancybox").fancybox({
    beforeLoad : function() {
      this.title = 'Image' + (this.index + 1) + ' of ' + this.group.length + (this.title?' - ' + this.title:");
         "this.element" refers to current element, so you can, for example, use the "alt" attribute of the image to
store the title:
         this.title = $(this.element).find('img').attr('alt');
    }
  });
It's possible to open fancyBox programmatically in various
ways:
 //HTML content:
 $.fancybox( '<div><h1>Lorem Lipsum</h1>Lorem lipsum</div>', {
    title: 'Custom Title'
  });
 //DOM element:
 $.fancybox( $("#inline"), {
    title: 'Custom Title'
  });
 //Custom object:
 $.fancybox({
    href: 'example.jpg',
    title: 'Custom Title'
  });
 //Array of objects:
```

\$.fancybox([

```
href: 'example1.jpg',
      title: 'Custom Title 1'
    },
      href: 'example2.jpg',
      title: 'Custom Title 2'
 ], {
    padding: 0
  });
There are several methods that allow you to interact with and manipulate fancyBox, example:
 //Close fancybox:
 $.fancybox.close();
There is a simply way to access wrapping elements using JS:
 $.fancybox.wrap
 $.fancybox.skin
 $.fancybox.outer
 $.fancybox.inner
You can override CSS to customize the look. For example, make navigation arrows always visible,
change width and move
them outside of area (use this snippet after including fancybox.css):
 .fancybox-nav span {
    visibility: visible;
  }
 .fancybox-nav {
    width: 80px;
  }
 .fancybox-prev {
    left: -80px;
  }
 .fancybox-next {
```

In that case, you might want to increase space around box:

```
$(".fancybox").fancybox({
margin : [20, 60, 20, 60]
```

right: -80px;

}

```
});
```

```
Bug tracker
```

Have a bug? Please create an issue on GitHub at https://github.com/fancyapps/fancyBox/issues

Found in path(s):

 $*/opt/cola/permits/1579896675_1677736173.912254/0/iissnan-hexo-theme-next-v0-4-3-0-g5de0cfc-tar-gz/iissnan-hexo-theme-next-adef360/source/vendors/fancybox/README.md$

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en.wikipedia.org/wiki/MIT_License. */
/* Technique by Erik Moller. MIT license: https://gist.github.com/paulirish/1579671 */
/* Array compacting. Copyright Lo-Dash. MIT License: https://github.com/lodash/lodash/blob/master/LICENSE.txt
*/
/* Copyright Martin Bohm. MIT License: https://gist.github.com/Tomalak/818a78a226a0738eaade */
/* Bezier curve function generator. Copyright Gaetan Renaudeau. MIT License:
http://en.wikipedia.org/wiki/MIT_License */
/* Runge-Kutta spring physics function generator. Adapted from Framer.js, copyright Koen Bok. MIT License:
http://en.wikipedia.org/wiki/MIT_License */
```

Found in path(s):

 $*/opt/cola/permits/1579896675_1677736173.912254/0/iissnan-hexo-theme-next-v0-4-3-0-g5de0cfc-tar-gz/iissnan-hexo-theme-next-adef360/source/vendors/velocity/velocity.js$

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```
/*! normalize.css v3.0.2 | MIT License | git.io/normalize */

/**

* 1. Set default font family to sans-serif.

* 2. Prevent iOS text size adjust after orientation change, without disabling

* user zoom.

*/

html {
font-family: sans-serif; /* 1 */
-ms-text-size-adjust: 100%; /* 2 */
-webkit-text-size-adjust: 100%; /* 2 */
}

/**

* Remove default margin.

*/
```

```
body {
margin: 0;
/* HTML5 display definitions
/**
* Correct `block` display not defined for any HTML5 element in IE 8/9.
* Correct `block` display not defined for `details` or `summary` in IE 10/11
* and Firefox.
* Correct `block` display not defined for `main` in IE 11.
article,
aside,
details,
figcaption,
figure,
footer,
header,
hgroup,
main,
menu,
nav,
section,
summary {
display: block;
}
/**
* 1. Correct `inline-block` display not defined in IE 8/9.
* 2. Normalize vertical alignment of `progress` in Chrome, Firefox, and Opera.
*/
audio,
canvas,
progress,
video {
display: inline-block; /* 1 */
vertical-align: baseline; /* 2 */
}
* Prevent modern browsers from displaying `audio` without controls.
* Remove excess height in iOS 5 devices.
*/
```

```
audio:not([controls]) {
display: none;
height: 0;
}
/**
* Address `[hidden]` styling not present in IE 8/9/10.
* Hide the `template` element in IE 8/9/11, Safari, and Firefox < 22.
[hidden],
template {
display: none;
}
/* Links
/**
* Remove the gray background color from active links in IE 10.
a {
background-color: transparent;
}
/**
* Improve readability when focused and also mouse hovered in all browsers.
a:active,
a:hover {
outline: 0;
}
/* Text-level semantics
/**
* Address styling
not present in IE 8/9/10/11, Safari, and Chrome.
abbr[title] {
border-bottom: 1px dotted;
/**
```

```
* Address style set to `bolder` in Firefox 4+, Safari, and Chrome.
b,
strong {
font-weight: bold;
}
/**
* Address styling not present in Safari and Chrome.
dfn {
font-style: italic;
/**
* Address variable `h1` font-size and margin within `section` and `article`
* contexts in Firefox 4+, Safari, and Chrome.
*/
h1 {
font-size: 2em;
margin: 0.67em 0;
}
/**
* Address styling not present in IE 8/9.
mark {
background: #ff0;
color: #000;
}
* Address inconsistent and variable font size in all browsers.
*/
small {
font-size: 80%;
}
* Prevent `sub` and `sup` affecting `line-height` in all browsers.
sub,
```

```
sup {
font-size: 75%;
line-height: 0;
position: relative;
vertical-align: baseline;
sup {
top: -0.5em;
}
sub {
bottom: -0.25em;
}
/* Embedded content
*/
/**
* Remove border when inside `a` element in IE 8/9/10.
img {
border: 0;
}
/**
* Correct overflow not hidden in IE 9/10/11.
svg:not(:root) {
overflow: hidden;
}
/* Grouping content
* Address margin not present in IE 8/9 and Safari.
*/
figure {
margin: 1em 40px;
}
* Address differences between Firefox and other browsers.
```

```
*/
hr {
-moz-box-sizing: content-box;
box-sizing: content-box;
height: 0;
}
* Contain overflow in all browsers.
pre {
overflow: auto;
/**
* Address odd 'em'-unit font size rendering in all browsers.
code,
kbd,
pre,
samp {
font-family: monospace, monospace;
font-size: 1em;
/* Forms
* Known limitation: by default, Chrome and Safari on OS X allow very limited
* styling of `select`, unless a `border` property is set.
*/
/**
* 1. Correct color not being inherited.
* Known issue: affects color of disabled elements.
* 2. Correct font properties not being inherited.
* 3. Address margins set differently in Firefox 4+, Safari, and Chrome.
button,
input,
optgroup,
select,
textarea {
```

```
color: inherit; /* 1 */
font: inherit; /* 2 */
margin: 0; /* 3 */
}
/**
* Address 'overflow' set to 'hidden' in IE 8/9/10/11.
button {
overflow: visible;
/**
* Address inconsistent `text-transform` inheritance for `button` and `select`.
* All other form control elements do not inherit `text-transform` values.
* Correct `button` style inheritance in Firefox, IE 8/9/10/11, and Opera.
* Correct `select` style inheritance in Firefox.
*/
button,
select {
text-transform: none;
/**
* 1. Avoid the WebKit bug in Android 4.0.* where (2) destroys native `audio`
* and `video` controls.
* 2. Correct inability to style clickable `input` types in iOS.
* 3. Improve usability and consistency of cursor
style between image-type
   `input` and others.
button,
html input[type="button"], /* 1 */
input[type="reset"],
input[type="submit"] {
-webkit-appearance: button; /* 2 */
cursor: pointer; /* 3 */
}
/**
* Re-set default cursor for disabled elements.
button[disabled],
html input[disabled] {
```

```
cursor: default;
}
/**
* Remove inner padding and border in Firefox 4+.
button::-moz-focus-inner,
input::-moz-focus-inner {
border: 0;
padding: 0;
/**
* Address Firefox 4+ setting `line-height` on `input` using `!important` in
* the UA stylesheet.
*/
input {
line-height: normal;
/**
* It's recommended that you don't attempt to style these elements.
* Firefox's implementation doesn't respect box-sizing, padding, or width.
* 1. Address box sizing set to `content-box` in IE 8/9/10.
* 2. Remove excess padding in IE 8/9/10.
*/
input[type="checkbox"],
input[type="radio"] {
box-sizing: border-box; /* 1 */
padding: 0; /* 2 */
}
/**
* Fix the cursor
style for Chrome's increment/decrement buttons. For certain
* `font-size` values of the `input`, it causes the cursor style of the
* decrement button to change from `default` to `text`.
input[type="number"]::-webkit-inner-spin-button,
input[type="number"]::-webkit-outer-spin-button {
height: auto;
}
```

```
/**
* 1. Address `appearance` set to `searchfield` in Safari and Chrome.
* 2. Address `box-sizing` set to `border-box` in Safari and Chrome
* (include `-moz` to future-proof).
input[type="search"] {
-webkit-appearance: textfield; /* 1 */
-moz-box-sizing: content-box;
-webkit-box-sizing: content-box; /* 2 */
box-sizing: content-box;
/**
* Remove inner padding and search cancel button in Safari and Chrome on OS X.
* Safari (but not Chrome) clips the cancel button when the search input has
* padding (and `textfield` appearance).
input[type="search"]::-webkit-search-cancel-button,
input[type="search"]::-webkit-search-decoration {
-webkit-appearance: none;
}
* Define consistent border, margin, and padding.
fieldset {
border: 1px solid #c0c0c0;
margin: 0 2px;
padding: 0.35em 0.625em 0.75em;
* 1. Correct `color` not being inherited in IE 8/9/10/11.
* 2. Remove padding so people aren't caught out if they zero out fieldsets.
*/
legend {
border: 0; /* 1 */
padding: 0; /* 2 */
}
/**
* Remove default vertical scrollbar in IE 8/9/10/11.
*/
```

```
textarea {
overflow: auto;
/**
* Don't inherit the `font-weight` (applied by a rule above).
* NOTE: the default cannot safely be changed in Chrome and Safari on OS X.
*/
optgroup {
font-weight: bold;
/* Tables
* Remove most spacing between table cells.
table {
border-collapse: collapse;
border-spacing: 0;
td.
th {
padding: 0;
}
Found in path(s):
*/opt/cola/permits/1579896675_1677736173.912254/0/iissnan-hexo-theme-next-v0-4-3-0-g5de0cfc-tar-gz/iissnan-
hexo-theme-next-adef360/source/css/_common/_core/normalize.styl
No license file was found, but licenses were detected in source scan.
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Found in path(s):
*/opt/cola/permits/1579896675_1677736173.912254/0/iissnan-hexo-theme-next-v0-4-3-0-g5de0cfc-tar-gz/iissnan-
hexo-theme-next-adef360/source/vendors/velocity/velocity.ui.min.js
*/opt/cola/permits/1579896675_1677736173.912254/0/iissnan-hexo-theme-next-v0-4-3-0-g5de0cfc-tar-gz/iissnan-
hexo-theme-next-adef360/source/vendors/velocity/velocity.ui.js
No license file was found, but licenses were detected in source scan.
* Bootstrap: scrollspy.js v3.3.2
* http://getbootstrap.com/javascript/#scrollspy
```

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Found in path(s):

 $*/opt/cola/permits/1579896675_1677736173.912254/0/iissnan-hexo-theme-next-v0-4-3-0-g5de0cfc-tar-gz/iissnan-hexo-theme-next-adef360/source/js/bootstrap.scrollspy.js$

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 $/opt/cola/permits/1579896675_1677736173.912254/0/iissnan-hexo-theme-next-v0-4-3-0-g5de0cfc-tar-gz/iissnan-hexo-theme-next-adef360/source/fonts/lato/Lato-Bold.ttf: binary file matches$

/opt/cola/permits/1579896675_1677736173.912254/0/iissnan-hexo-theme-next-v0-4-3-0-g5de0cfc-tar-gz/iissnan-hexo-theme-next-adef360/source/fonts/lato/Lato-BoldItalic.ttf: binary file matches

 $/opt/cola/permits/1579896675_1677736173.912254/0/iissnan-hexo-theme-next-v0-4-3-0-g5de0cfc-tar-gz/iissnan-hexo-theme-next-adef360/source/fonts/lato/Lato-Italic.ttf: binary file matches$

/opt/cola/permits/1579896675_1677736173.912254/0/iissnan-hexo-theme-next-v0-4-3-0-g5de0cfc-tar-gz/iissnan-hexo-theme-next-adef360/source/fonts/lato/Lato-Regular.ttf: binary file matches

Found in path(s):

* /bin/grep

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*

- * Thanks to: http://adomas.org/javascript-mouse-wheel/ for some pointers.
- * Thanks to: Mathias Bank(http://www.mathias-bank.de) for a scope bug fix.
- * Thanks to: Seamus Leahy for adding deltaX and deltaY

*

* Version: 3.0.6

*

* Requires: 1.2.2+

*/

Found in path(s):

 $*/opt/cola/permits/1579896675_1677736173.912254/0/iissnan-hexo-theme-next-v0-4-3-0-g5de0cfc-tar-gz/iissnan-hexo-theme-next-adef360/source/vendors/fancybox/lib/jquery.mousewheel-3.0.6.pack.js$

1.177 alecthomas-template 0.0.0-20160405071501-a0175ee3bccc

1.177.1 Available under license:

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1.178 jsonschema 2.2.5

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1.179 sqlite 3.42.0

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1.180 openssl 1.1.1u

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1.181 libxml2 2.11.4

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1.182 openssl 3.0.9

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Kamal Marhubi <kamal@marhubi.com>: JSON parser

Oliver Kuckertz <oliver.kuckertz@mologie.de>: FdObserver POLLPRI support Harris

Hancock <vortrab@gmail.com>: MSVC support

Branislav Katreniak branislav.katreniak@digitalstrom.com: JSON decode

Matthew Maurer <matthew.r.maurer@gmail.com>: Canonicalization Support

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1.185 zlib 1.2.13

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1.186 bzip2 1.0.6

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| Julian Seward, jseward@bzip.org | |
|--|--|
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| | |
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1.187 curl 8.4.0

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1.189 zlib 1.2.8

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1.191 openssl 3.0.13

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1.192 zlib 1.3.1.1

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1.193 protobuf 100.100.10

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This file contains a list of people who have made large contributions to the public version of Protocol Buffers.

Original Protocol Buffers design and implementation:

Sanjay Ghemawat <sanjay@google.com>
Jeff Dean <jeff@google.com>
Daniel Dulitz <daniel@google.com>
Craig Silverstein
Paul Haahr <haahr@google.com>
Corey Anderson <corin@google.com>
(and many others)

Proto2 C++ and Java primary author: Kenton Varda <kenton@google.com>

Proto2 Python primary authors:
Will Robinson <robinson@google.com>
Petar Petrov <petar@google.com>

Java Nano primary authors:
Brian Duff <bduff@google.com>
Tom Chao <chaot@google.com>
Max Cai <maxtroy@google.com>
Ulas Kirazci <ulas@google.com>

Large code contributions:

Jason Hsueh <jasonh@google.com>
Joseph Schorr <jschorr@google.com>
Wenbo Zhu <wenboz@google.com>

Large quantity of code reviews:

Scott Bruce <sbruce@google.com>
Frank Yellin

Neal Norwitz <nnorwitz@google.com>
Jeffrey Yasskin <jyasskin@google.com>
Ambrose
Feinstein <ambrose@google.com>

Documentation:

Lisa Carey <|carey@google.com>

Maven packaging:

Gregory Kick < gak@google.com>

Patch contributors:

Kevin Ko <kevin.s.ko@gmail.com>

* Small patch to handle trailing slashes in --proto path flag.

Johan Euphrosine cproppy@aminche.com>

* Small patch to fix Python CallMethod().

Ulrich Kunitz <kune@deine-taler.de>

* Small optimizations to Python serialization.

Leandro Lucarella < llucax@gmail.com>

- * VI syntax highlighting tweaks.
- * Fix compiler to not make output executable.

Dilip Joseph dilip.antony.joseph@gmail.com

* Heuristic detection of sub-messages when printing unknown fields in text format.

Brian Atkinson <nairb774@gmail.com>

* Added @Override annotation to generated Java code where appropriate.

Vincent Choinire < Choiniere. Vincent@hydro.qc.ca>

* Tru64 support.

Monty Taylor < monty.taylor@gmail.com>

* Solaris 10 + Sun Studio fixes.

Alek Storm <alek.storm@gmail.com>

* Slicing support for repeated scalar fields for the Python API.

Oleg Smolsky <oleg.smolsky@gmail.com>

- * MS Visual Studio error format option.
- * Detect unordered map in stl hash.m4.

Brian Olson brian Olson brian Olson brian Olson bri

* gzip/zlib I/O support.

Michael Poole <mdpoole@troilus.org>

- * Fixed warnings about generated constructors not explicitly initializing all fields (only present with certain compiler settings).
- * Added generation of field number constants.

Wink Saville <wink@google.com>

* Fixed initialization ordering problem in logging code.

Will Pierce <willp@nuclei.com>

* Small patch improving performance of in Python serialization.

Alexandre Vassalotti <alexandre@peadrop.com>

* Emacs mode for Protocol Buffers (editors/protobuf-mode.el).

Scott Stafford <scott.stafford@gmail.com>

* Added Swap(), SwapElements(), and RemoveLast() to Reflection interface.

Alexander Melnikov <alm@sibmail.ru>

* HPUX support.

Oliver Jowett <oliver.jowett@gmail.com>

- * Detect whether zlib is new enough in configure script.
- * Fixes for Solaris 10 32/64-bit confusion.

Evan Jones <evanj@mit.edu>

- * Optimize Java serialization code when writing a small message to a stream.
- * Optimize Java serialization of strings so that UTF-8 encoding happens only once per string per serialization call.
- * Clean up some Java warnings.
- * Fix bug with permanent callbacks that delete themselves when run.

Michael Kucharski < m.kucharski@gmail.com>

 $*\ Added\ CodedInputStream.getTotalBytesRead().$

Kacper Kowalik <xarthisius.kk@gmail.com>

* Fixed m4/acx_pthread.m4 problem for some Linux distributions.

William Orr <will@worrbase.com>

- * Fixed detection of sched_yield on Solaris.
- * Added atomicops for Solaris

Andrew Paprocki <andrew@ishiboo.com>

- * Fixed minor IBM xlC compiler build issues
- * Added atomicops for AIX (POWER)

Nipunn Koorapati <nipunn1313@gmail.com>

- * Provide a type alias field ValueType
- on EnumTypeWrapper
- * Match service argument names to abstract interface

1.194 golang 1.22

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