



# Open Source Used In vmoperator darwin

### Cisco Systems, Inc.

www.cisco.com

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco website at www.cisco.com/go/offices.

Text Part Number: 78EE117C99-2090923405

This document contains licenses and notices for open source software used in this product. With respect to the free/open source software listed in this document, if you have any questions or wish to receive a copy of any source code to which you may be entitled under the applicable free/open source license(s) (such as the GNU Lesser/General Public License), please submit this form.

In your requests please include the following reference number 78EE117C99-2090923405

### **Contents**

```
1.1 kingpin 2.2.6
  1.1.1 Available under license
1.2 template v0.0.0-20190718012654-fb15b899a751
   1.2.1 Available under license
1.3 gopkg-in-alecthomas-kingpin-v2 v2.2.6
   1.3.1 Available under license
1.4 golang-protobuf-extensions v1.0.2-0.20181231171920-c182affec369
   1.4.1 Available under license
1.5 run v1.1.0
   1.5.1 Available under license
1.6 clientmodel v0.2.0
   1.6.1 Available under license
1.7 errors v0.9.1
   1.7.1 Available under license
1.8 perks v1.0.1
   1.8.1 Available under license
1.9 xxhash v2.1.2
   1.9.1 Available under license
1.10 githubcomgolangprotobuf v1.5.2
  1.10.1 Available under license
1.11 perks 1.0.1
   1.11.1 Available under license
```

1.12 oklog-run 1.1.0

1.13 xxhash 2.1.2

1.12.1 Available under license

1.13.1 Available under license

### 1.14 go serialization benchmarks 2.2.6 1.14.1 Available under license 1.15 parse 0.0.0-20190718012654-fb15b899a751 1.15.1 Available under license 1.16 prometheus-procfs 0.7.3 1.16.1 Available under license 1.17 busybox 1.34.1 1.17.1 Available under license 1.18 logfmt v0.5.1 1.18.1 Available under license 1.19 procfs v0.7.3 1.19.1 Available under license 1.20 units 0.0.0-20211218093645-b94a6e3cc137 1.20.1 Available under license 1.21 protobuf v1.28.0 1.21.1 Available under license 1.22 fsnotify 1.5.4 1.22.1 Available under license 1.23 errors 0.9.1 1.23.1 Available under license 1.24 goprotobuf 1.5.2 1.24.1 Available under license 1.25 golang-protobuf-extensions 1.0.2-0.20181231171920-c182affec369 1.25.1 Available under license 1.26 protobuf 1.28.0 1.26.1 Available under license 1.27 githubcomfsnotifyfsnotify v1.5.4 1.27.1 Available under license 1.28 go-kit-log 0.2.1 1.28.1 Available under license 1.29 logfmt 0.5.1 1.29.1 Available under license 1.30 golang 1.18.4

1.30.1 Available under license

1.31 x-sys 0.0.0-20220712014510-0a85c31ab51e

1.31.1 Available under license

1.32 prometheus-common 0.37.0

1.32.1 Available under license

1.33 prometheus-client v1.12.2

1.33.1 Available under license

### 1.34 prometheus-operator (devel)

1.34.1 Available under license

### 1.35 common v0.37.0

1.35.1 Available under license

### 1.36 thanos 0.27.0

1.36.1 Available under license

### 1.37 x-sys v0.0.0-20220712014510-0a85c31ab51e

1.37.1 Available under license

### 1.38 prometheus-client 0.2.0

1.38.1 Available under license

### 1.39 thanos v0.27.0

1.39.1 Available under license

### 1.40 units v0.0.0-20211218093645-b94a6e3cc137

1.40.1 Available under license

### 1.41 github.com/go-kit/log v0.2.1

1.41.1 Available under license

### 1.42 prometheus-operator-prometheus-operator v0.58.0

1.42.1 Available under license

### 1.1 kingpin 2.2.6

### 1.1.1 Available under license:

Copyright (C) 2014 Alec Thomas

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

# 1.2 template v0.0.0-20190718012654fb15b899a751

### 1.2.1 Available under license:

Copyright (c) 2012 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER

OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

### 1.3 gopkg-in-alecthomas-kingpin-v2 v2.2.6

### 1.3.1 Available under license:

Copyright (C) 2014 Alec Thomas

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

# 1.4 golang-protobuf-extensions v1.0.2-0.20181231171920-c182affec369

### 1.4.1 Available under license:

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial

revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License.

each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work

or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate

4. Redistribution. You may reproduce and distribute copies of the

as of the date such litigation is filed.

Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding

those notices that do not

pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided

that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special,

incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Copyright 2012 Matt T. Proud (matt.proud@gmail.com)

Unless required by applicable law or agreed to in writing, software 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.

# 1.5 run v1.1.0

### 1.5.1 Available under license:

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial

revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License,

each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the

Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices

- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding

those notices that do not

pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions.
  Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct,

indirect, special,

incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software 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.

### 1.6 clientmodel v0.2.0

### 1.6.1 Available under license:

Data model artifacts for Prometheus. Copyright 2012-2015 The Prometheus Authors

This product includes software developed at SoundCloud Ltd. (http://soundcloud.com/).

Apache License

Version 2.0, January 2004

http://www.apache.org/licenses/

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial

revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

Grant of Patent License. Subject to the terms and conditions of this License.

each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the

Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding

those notices that do not

pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution

notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions

- for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.
- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special,

incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor

has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software 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.

### 1.7 errors v0.9.1

### 1.7.1 Available under license:

Copyright (c) 2015, Dave Cheney <dave@cheney.net> All rights reserved.

Redistribution and use in source and binary forms, with or without

modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR

SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

### 1.8 perks v1.0.1

### 1.8.1 Available under license:

Copyright (C) 2013 Blake Mizerany

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE

SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

### 1.9 xxhash v2.1.2

### 1.9.1 Available under license:

GNU GENERAL PUBLIC LICENSE Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price.

Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

## GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

- 2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:
  - a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of

Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable
   source code, which must be distributed under the terms of Sections
   1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

- 4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.
- 5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or

distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

- 6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.
- 7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent

license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to

be a consequence of the rest of this License.

- 8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.
- 9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### **NO WARRANTY**

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY

FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES,

INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR

THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU

General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute

under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989 Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this

is what you want to do, use the GNU Lesser General Public License instead of this License. xxHash Library
Copyright (c) 2012-2020 Yann Collet
All rights reserved.

BSD 2-Clause License (https://www.opensource.org/licenses/bsd-license.php)

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON

ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

### 1.10 githubcomgolangprotobuf v1.5.2

### 1.10.1 Available under license:

- # This source code was written by the Go contributors.
- # The master list of contributors is in the main Go distribution,
- # visible at http://tip.golang.org/CONTRIBUTORS.

Copyright 2010 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER

OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

### 1.11 perks 1.0.1

### 1.11.1 Available under license:

GNU GENERAL PUBLIC LICENSE Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc., <a href="http://fsf.org/">http://fsf.org/</a>

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not

price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software

patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

# GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

- 2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:
  - a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections

of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

- 3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:
  - a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections
    1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three

years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution

of the source code, even though third parties are not compelled to copy the source along with the object code.

- 4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.
- 5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

- 6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.
- 7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program

at all. For example, if a patent

license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to

the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among

countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

#### Each version is

given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

### NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED

FREE OF CHARGE, THERE IS NO WARRANTY

FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY

YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
{description}
Copyright (C) {year} {fullname}
```

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by

the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type
`show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

{signature of Ty Coon}, 1 April 1989 Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public

License instead of this License.

## 1.12 oklog-run 1.1.0

### 1.12.1 Available under license:

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,

including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial

revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of

this License,

each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the

Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding

those notices that do not

pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside

or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions.
  Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct,

indirect, special,

incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software 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.

## 1.13 xxhash 2.1.2

#### 1.13.1 Available under license:

Copyright (c) 2016 Caleb Spare

MIT License

Permission is hereby granted, free of charge, to any person obtaining

a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH

THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

# 1.14 go\_serialization\_benchmarks 2.2.6

### 1.14.1 Available under license:

Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii)

beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the

#### Work and for which the

editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication

on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

#### 3. Grant

of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as

of the date such litigation is filed.

- 4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must
  - include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents

of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own

copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly

negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill,

work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole

responsibility, not on behalf

of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

#### Licensed

under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software 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.

# 1.15 parse 0.0.0-20190718012654fb15b899a751

### 1.15.1 Available under license:

Copyright (c) 2012 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER

OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## 1.16 prometheus-procfs 0.7.3

## 1.16.1 Available under license:

Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License. "Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial

revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License,
- each Contributor hereby grants to You a perpetual,
  worldwide, non-exclusive, no-charge, royalty-free, irrevocable
  (except as stated in this section) patent license to make, have made,
  use, offer to sell, sell, import, and otherwise transfer the Work,
  where such license applies only to those patent claims licensable
  by such Contributor that are necessarily infringed by their
  Contribution(s) alone or by combination of their Contribution(s)
  with the Work to which such Contribution(s) was submitted. If You
  institute patent litigation against any entity (including a
  cross-claim or counterclaim in a lawsuit) alleging that the Work
  or a Contribution incorporated within the Work constitutes direct
  or contributory patent infringement, then any patent licenses
  granted to You under this License for that Work shall terminate
  as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the

Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its

distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding

those notices that do not

pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct,

indirect, special,

incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software 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.

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

Copyright 2014-2015 The Prometheus Authors

This product includes software developed at SoundCloud Ltd. (http://soundcloud.com/).

## 1.17 busybox 1.34.1

### 1.17.1 Available under license:

bzip2 applet in busybox is based on lightly-modified source of bzip2 version 1.0.4. bzip2 source is distributed under the following conditions (copied verbatim from LICENSE file)

This program, "bzip2", the associated library "libbzip2", and all documentation, are copyright (C) 1996-2006 Julian R Seward. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
- Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
- 4. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Julian Seward, Cambridge, UK. jseward@bzip.org bzip2/libbzip2 version 1.0.4 of 20 December 2006 --- A note on GPL versions

BusyBox is distributed under version 2 of the General Public License (included in its entirety, below). Version 2 is the only version of this license which this version of BusyBox (or modified versions derived from this one) may be distributed under.

\_\_\_\_\_

#### GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc. 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

#### Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's

software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for

a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

## GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this

License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

- 2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:
- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based

on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

- 3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:
  - a) Accompany it with the complete corresponding machine-readable
     source code, which must be distributed under the terms of Sections
     1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

- 4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.
- 5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.
- 6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.
- 7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under

any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity

of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

- 8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.
- 9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make

exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

#### NO WARRANTY

- 11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.
- 12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

#### END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this

when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989 Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

## 1.18 logfmt v0.5.1

### 1.18.1 Available under license:

The MIT License (MIT)

Copyright (c) 2015 go-logfmt

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN

CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

## 1.19 procfs v0.7.3

## 1.19.1 Available under license:

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity

exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial

revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License,

each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the

Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding

those notices that do not

pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents

of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions

- for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.
- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special,

incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill,

work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software 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. procfs provides functions to retrieve system, kernel and process

Copyright 2014-2015 The Prometheus Authors

This product includes software developed at SoundCloud Ltd. (http://soundcloud.com/).

metrics from the pseudo-filesystem proc.

# 1.20 units 0.0.0-20211218093645b94a6e3cc137

### 1.20.1 Available under license :

Copyright (C) 2014 Alec Thomas

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

## 1.21 protobuf v1.28.0

### 1.21.1 Available under license:

Copyright (c) 2018 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER

OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

- # This source code was written by the Go contributors.
- # The master list of contributors is in the main Go distribution,
- # visible at https://tip.golang.org/CONTRIBUTORS.

## 1.22 fsnotify 1.5.4

### 1.22.1 Available under license:

Copyright (c) 2012 The Go Authors. All rights reserved. Copyright (c) 2012-2019 fsnotify Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR

PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE

## 1.23 errors 0.9.1

#### 1.23.1 Available under license:

Copyright (c) 2015, Dave Cheney <dave@cheney.net> All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR

SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## 1.24 goprotobuf 1.5.2

### 1.24.1 Available under license:

Copyright (c) 2013, The GoGo Authors. All rights reserved.

Protocol Buffers for Go with Gadgets

Go support for Protocol Buffers - Google's data interchange format

Copyright 2010 The Go Authors. All rights reserved. https://github.com/golang/protobuf

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"

AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Anton Povarov <anton.povarov@gmail.com>

Brian Goff <cpuguy83@gmail.com>

Clayton Coleman < ccoleman@redhat.com>

Denis Smirnov <denis.smirnov.91@gmail.com>

DongYun Kang <ceram1000@gmail.com>

Dwayne Schultz <dschultz@pivotal.io>

Georg Apitz < gapitz@pivotal.io>

Gustav Paul <gustav.paul@gmail.com>

Johan Brandhorst < johan.brandhorst@gmail.com>

John Shahid < jvshahid@gmail.com>

John Tuley <john@tuley.org>

Laurent <a href="mailto:laurent@adyoulike.com">laurent@adyoulike.com</a>

Patrick Lee <patrick@dropbox.com>

Peter Edge <peter.edge@gmail.com>

Roger Johansson < rogeralsing@gmail.com>

Sam Nguyen <sam.nguyen@sendgrid.com>

Sergio Arbeo <serabe@gmail.com>

Stephen J Day <stephen.day@docker.com>

Tamir Duberstein <tamird@gmail.com>

Todd Eisenberger <teisenberger@dropbox.com>

Tormod Erevik Lea <tormodlea@gmail.com>

Vyacheslav Kim <kane@sendgrid.com>

Walter Schulze <a walterschulze@gmail.com>

# 1.25 golang-protobuf-extensions 1.0.2-0.20181231171920-c182affec369

### 1.25.1 Available under license:

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the

editorial

revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License,
- each Contributor hereby grants to You a perpetual,
  worldwide, non-exclusive, no-charge, royalty-free, irrevocable
  (except as stated in this section) patent license to make, have made,
  use, offer to sell, sell, import, and otherwise transfer the Work,
  where such license applies only to those patent claims licensable
  by such Contributor that are necessarily infringed by their
  Contribution(s) alone or by combination of their Contribution(s)
  with the Work to which such Contribution(s) was submitted. If You
  institute patent litigation against any entity (including a
  cross-claim or counterclaim in a lawsuit) alleging that the Work
  or a Contribution incorporated within the Work constitutes direct
  or contributory patent infringement, then any patent licenses
  granted to You under this License for that Work shall terminate
  as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the

Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding

those notices that do not

pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of

this License, without any additional terms or conditions.

Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct,

indirect, special,

incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software 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.

Copyright 2012 Matt T. Proud (matt.proud@gmail.com)

# 1.26 protobuf 1.28.0

### 1.26.1 Available under license:

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

```
* Copyright 2017 The gRPC Authors
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
   http://www.apache.org/licenses/LICENSE-2.0
* Unless required by applicable law or agreed to in writing, software
```

- \* 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.

Found in path(s):

```
jar/io/grpc/protobuf/StatusProto.java
*/opt/cola/permits/1337382426_1654193578.9690335/0/grpc-protobuf-1-28-0-sources-1-
jar/io/grpc/protobuf/package-info.java
*/opt/cola/permits/1337382426_1654193578.9690335/0/grpc-protobuf-1-28-0-sources-1-
jar/io/grpc/protobuf/ProtoServiceDescriptorSupplier.java
jar/io/grpc/protobuf/ProtoMethodDescriptorSupplier.java
No license file was found, but licenses were detected in source scan.
* Copyright 2014 The gRPC Authors
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
   http://www.apache.org/licenses/LICENSE-2.0
* Unless required by applicable law or agreed to in writing, software
* 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.
*/
Found in path(s):
*/opt/cola/permits/1337382426_1654193578.9690335/0/grpc-protobuf-1-28-0-sources-1-
jar/io/grpc/protobuf/ProtoUtils.java
No license file was found, but licenses were detected in source scan.
* Copyright 2016 The gRPC Authors
* Licensed under the Apache License, Version 2.0 (the "License");
* you may not use this file except in compliance with the License.
* You may obtain a copy of the License at
   http://www.apache.org/licenses/LICENSE-2.0
* Unless required by applicable law or agreed to in writing, software
* 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.
*/
```

\*/opt/cola/permits/1337382426\_1654193578.9690335/0/grpc-protobuf-1-28-0-sources-1-

Found in path(s):

 $*/opt/cola/permits/1337382426\_1654193578.9690335/0/grpc-protobuf-1-28-0-sources-1-jar/io/grpc/protobuf/ProtoFileDescriptorSupplier.java$ 

# 1.27 githubcomfsnotifyfsnotify v1.5.4

### 1.27.1 Available under license:

Copyright (c) 2012 The Go Authors. All rights reserved. Copyright (c) 2012-2019 fsnotify Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR

PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE. EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

# 1.28 go-kit-log 0.2.1

### 1.28.1 Available under license:

MIT License

Copyright (c) 2021 Go kit

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal

in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH

THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

The MIT License (MIT)

Copyright (c) 2014 Simon Eskildsen

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF

OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

# 1.29 logfmt 0.5.1

#### 1.29.1 Available under license:

The MIT License (MIT)

Copyright (c) 2015 go-logfmt

Permission is hereby granted, free of charge, to any person obtaining a copy

of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN

CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

# 1.30 golang 1.18.4

### 1.30.1 Available under license:

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial

revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

Grant of Patent License. Subject to the terms and conditions of this License.

each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the

Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding

those notices that do not

pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution

notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions

- for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.
- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special,

incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor

has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software 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.

- # This source code was written by the Go contributors.
- # The master list of contributors is in the main Go distribution,
- # visible at http://tip.golang.org/CONTRIBUTORS.
- # This is the official list of people who can contribute
- # (and typically have contributed) code to the Go repository.
- # The AUTHORS file lists the copyright holders; this file
- # lists people. For example, Google employees are listed here
- # but not in AUTHORS, because Google holds the copyright.

#

```
# Names should be added to this file only after verifying that
# the individual or the individual's organization has agreed to
# the appropriate Contributor License Agreement, found here:
#
   http://code.google.com/legal/individual-cla-v1.0.html
   http://code.google.com/legal/corporate-cla-v1.0.html
# The agreement for individuals can be filled out on the web.
# Names should be added to this file like so:
   Individual's name < submission email address>
   Individual's name <submission email address> <email2> <emailN>
# An entry with multiple email addresses specifies that the
# first address should be used in the submit logs and
# that the other addresses should be recognized
as the
# same person when interacting with Gerrit.
# Please keep the list sorted.
Aamir Khan <syst3m.w0rm@gmail.com>
Aaron Beitch <aaronb@arista.com>
Aaron Bieber <deftly@gmail.com>
Aaron Cannon <cannona@fireantproductions.com>
Aaron France <aaron.l.france@gmail.com>
Aaron Jacobs <jacobsa@google.com>
Aaron Jensen <jensen.aaro@gmail.com>
Aaron Kemp < kemp.aaron@gmail.com>
Aaron Patterson <tenderlove@ruby-lang.org>
Aaron Sheah <aaronsheah@gmail.com>
Aaron Stein <aaronstein12@gmail.com>
Aaron Torres <tcboox@gmail.com>
Aaron Zinman <aaron@azinman.com>
Aarti Parikh <aarti.parikh@gmail.com>
Abdullah Al Maruf <mymail.maruf@gmail.com>
Abe Haskins <abeisgreat@abeisgreat.com>
Abhinav Gupta <abhinav.g90@gmail.com>
Adam Azarchs <adam.azarchs@10xgenomics.com>
Adam Bender <abender@google.com>
Adam Eijdenberg <adam@continusec.com>
Adam Harvey <aharvey@php.net>
Adam Kisala <adam.kisala@gmail.com>
Adam Langley <agl@golang.org>
Adam Medzinski <adam.medzinski@gmail.com>
Adam Mitha <adam.mitha@gmail.com>
Adam
```

Shannon <adamkshannon@gmail.com>

Adam Shelton <ashelt90@gmail.com>

Adam Sindelar <adamsh@google.com>

Adam Thomason <athomason@gmail.com>

Adam Williams <pwnfactory@gmail.com>

Adam Woodbeck <adam@woodbeck.net>

Adarsh Ravichandran <adarshravichandran91@gmail.com>

Adel Rodrguez <adel.rodriguez@leftfieldlabs.com>

Adin Scannell <ascannell@google.com>

Aditya Harindar <aditya.harindar@gmail.com>

Aditya Mukerjee <dev@chimeracoder.net>

Adrian Hesketh <adrianhesketh@hushmail.com>

Adrian Nos <nos.adrian@gmail.com>

Adrian O'Grady <elpollouk@gmail.com>

Adrien Bustany <adrien-xx-google@bustany.org>

Adrien Delorme <adrien.delorme@icloud.com>

Adrien Petel eteladrien@gmail.com>

Acio Jnior <aeciodantasjunior@gmail.com>

Aeneas Rekkas (arekkas) <aeneas@ory.am>

Afanasev Stanislav <phpprogger@gmail.com>

Agis Anastasopoulos <agis.anast@gmail.com>

Agniva De Sarker <agnivade@yahoo.co.in>

Ahmed W. Mones <oneofone@gmail.com>

Ahmet Aktrk <aakturk000@gmail.com>

Ahmet Alp Balkan <ahmetb@google.com>

Ahmet

Soormally <ahmet@mangomm.co.uk>

Ahmy Yulrizka <yulrizka@gmail.com>

Ahsun Ahmed <ahmed.ahsun@gmail.com>

Aidan Coyle <packrat386@gmail.com>

Aiden Scandella <ai@uber.com>

Ainar Garipov <gugl.zadolbal@gmail.com>

Aishraj Dahal <aishraj@users.noreply.github.com>

Ajanthan Balachandran <balaajanthan@gmail.com>

Akhil Indurti <aindurti@gmail.com>

Akihiro Suda <suda.kyoto@gmail.com>

Akshat Kumar < seed@mail.nanosouffle.net>

Al Cutter <al@google.com>

Alan Braithwaite <alan@ipaddr.org>

Alan Donovan <adonovan@google.com>

Alan Shreve <alan@inconshreveable.com>

Albert Nigmatzianov <albertnigma@gmail.com>

Albert Strasheim <fullung@gmail.com>

Albert Teoh <albert.teoh@gmail.com>

Albert Yu <yukinying@gmail.com>

Alberto Bertogli <albertito@blitiri.com.ar>

Alberto Donizetti <alb.donizetti@gmail.com>

Alberto Garca Hierro <alberto@garciahierro.com> <alberto.garcia.hierro@gmail.com>

Alec Benzer <alec.benzer@gmail.com>

Alejandro Garca Montoro <alejandro.garciamontoro@gmail.com>

Aleksa Sarai <cyphar@cyphar.com>

Aleksandar

Dezelin <dezelin@gmail.com>

Aleksandr Lukinykh <a.lukinykh@xsolla.com>

Aleksandr Razumov <ar@cydev.ru>

Alekseev Artem <a.artem060@gmail.com>

Aleksei Tirman <aleksei.tirman@jetbrains.com>

Alessandro Arzilli <alessandro.arzilli@gmail.com>

Alessandro Baffa <alessandro.baffa@gmail.com>

Alex A Skinner <alex@lx.lc>

Alex Brainman <alex.brainman@gmail.com>

Alex Bramley <abramley@google.com>

Alex Browne <stephenalexbrowne@gmail.com>

Alex Buchanan <buchanae@gmail.com>

Alex Carol <alex.carol.c@gmail.com>

Alex Gaynor <alex@alloy.us>

Alex Harford <alex.harford@saucelabs.com>

Alex Hays <alex.hays@leftfieldlabs.com>

Alex Jin <toalexjin@gmail.com>

Alex Kohler <alexjohnkohler@gmail.com>

Alex Myasoedov <msoedov@gmail.com>

Alex Opie <amtopie@gmail.com>

Alex Plugaru <alex@plugaru.org> <alexandru.plugaru@gmail.com>

Alex Schade <39062967+aschade92@users.noreply.github.com>

Alex Schroeder <alex@gnu.org>

Alex Sergeyev <abc@alexsergeyev.com>

Alex Tokarev <aleksator@gmail.com>

Alex Vaghin <crhyme@google.com>

Alex

Zhirov <azhirov@google.com>

Alexander Demakin <alexander.demakin@gmail.com>

Alexander Dring <email@alexd.ch>

Alexander F Rdseth <alexander.rodseth@appeartv.com>

Alexander Greim <alexxx@iltempo.de>

Alexander Guz <kalimatas@gmail.com>

Alexander Kauer <alexander@affine.space>

Alexander Klauer < Alexander. Klauer@googlemail.com>

Alexander Kucherenko <alxkchr@gmail.com>

Alexander Larsson <alexander.larsson@gmail.com>

Alexander Lourier <aml@rulezz.ru>

Alexander Melentyev <alexander@melentyev.org>

Alexander Menzhinsky <amenzhinsky@gmail.com>

Alexander Morozov < lk4d4math@gmail.com>

Alexander Neumann <alexander@bumpern.de>

Alexander Nohe <alex.nohe427@gmail.com>

Alexander Orlov <alexander.orlov@loxal.net>

Alexander Pantyukhin <apantykhin@gmail.com>

Alexander Polcyn <apolcyn@google.com>

Alexander Rakoczy <alex@golang.org>

Alexander Reece <a wreece @gmail.com>

Alexander Surma < surma@surmair.de>

Alexander Yastrebov < yastrebov.alex@gmail.com>

Alexander Zhavnerchik <alex.vizor@gmail.com>

Alexander

Zillion <alex@alexzillion.com>

Alexander Zolotov <goldifit@gmail.com>

Alexandr Mayorskiy <a.mayorskiy@corp.mail.ru>

Alexandre Cesaro <alexandre.cesaro@gmail.com>

Alexandre Fiori <fiorix@gmail.com>

Alexandre Maari <draeron@gmail.com>

Alexandre Normand <alexandre.normand@gmail.com>

Alexandre Parentea <aubonbeurre@gmail.com>

Alexandre Viau <alexandre@alexandreviau.net>

Alexandru Mooi <br/>
<br/>
brtzsnr@gmail.com>

Alexei Sholik <alcosholik@gmail.com>

Alexey Alexandrov <aalexand@google.com>

Alexey Borzenkov <snaury@gmail.com>

Alexey Naidonov <alexey.naidyonov@gmail.com>

Alexey Neganov <neganovalexey@gmail.com>

Alexey Palazhchenko <alexey.palazhchenko@gmail.com>

Alexey Semenyuk <alexsemenyuk88@gmail.com>

Alexey Vilenskiy <br/> <br/>bynovhack@gmail.com>

Alexis Hildebrandt <surryhill@gmail.com>

Alexis Hunt < lexer@google.com>

Alexis Imperial-Legrand <ail@google.com>

Ali Farooq <ali.farooq0@pm.me>

Ali Rizvi-Santiago <arizvisa@gmail.com>

Aliaksandr Valialkin <valyala@gmail.com>

Alice Merrick <amerrick@google.com>

Alif

Rachmawadi <subosito@gmail.com>

Allan Guwatudde <guwats10@gmail.com>

Allan Simon <allan.simon@supinfo.com>

Allen Li <ayatane@google.com>

Alok Menghrajani <alok.menghrajani@gmail.com>

Alwin Doss <alwindoss84@gmail.com>

Aman Gupta <aman@tmm1.net>

Amarjeet Anand <amarjeetanandsingh@gmail.com>

Amelia Downs <adowns@vmware.com>

Amir Mohammad Saied <amir@gluegadget.com>

Amit Kumar <mittalmailbox@gmail.com>

Amr Mohammed <merodiro@gmail.com>

Amrut Joshi <amrut.joshi@gmail.com>

An Long <aisk1988@gmail.com>

An Xiao < hac@zju.edu.cn>

Anand K. Mistry <anand@mistry.ninja>

Ananya Saxena <ananyasaxena1@gmail.com>

Anatol Pomozov <anatol.pomozov@gmail.com>

Anders Pearson <anders@columbia.edu>

Anderson Queiroz <contato@andersonq.eti.br>

Andr Carvalho <asantostc@gmail.com>

Andre Marianiello <andremarianiello@users.noreply.github.com>

Andr Martins <aanm90@gmail.com>

Andre Nathan <andrenth@gmail.com>

Andrea Nodari <andrea.nodari91@gmail.com>

Andrea Simonini <andrea.simonini@gmail.com>

Andrea Spadaccini

<spadaccio@google.com>

Andreas Auernhammer <aead@mail.de>

Andreas Jellinghaus <andreas@ionisiert.de> <anj@google.com>

Andreas Litt <andreas.litt@gmail.com>

Andrei Enshin <b1os@bk.ru>

Andrei Gherzan <andrei@resin.io>

Andrei Korzhevskii <a.korzhevskiy@gmail.com>

Andrei Matei <andrei@cockroachlabs.com>

Andrei Tudor Clin <mail@acln.ro>

Andrei Vagin <a vagin@google.com>

Andrei Vieru <euvieru@gmail.com>

Andres Erbsen <andreser@google.com>

Andres Lowrie <andres.lowrie@gmail.com>

Andrew Austin <andrewaclt@gmail.com>

Andrew Balholm <andybalholm@gmail.com>

Andrew Benton <andrewmbenton@gmail.com>

Andrew Bonventre <andybons@chromium.org>

Andrew Braunstein <a wbraunstein@gmail.com>

Andrew Bursavich <abursavich@gmail.com>

Andrew Ekstedt <andrew.ekstedt@gmail.com>

Andrew Etter <andrew.etter@gmail.com>

Andrew G. Morgan <agm@google.com>

Andrew Gerrand <adg@golang.org>

Andrew Harding <andrew@spacemonkey.com>

Andrew Jackura <a jackura@google.com>

Andrew Kemm <andrewkemm@gmail.com>

Andrew LeFevre <capnspacehook@gmail.com>

Andrew

Louis <alouis@digitalocean.com>

Andrew Lutomirski <andy@luto.us>

Andrew Medvedev <andrew.y.medvedev@gmail.com>

Andrew Pilloud <andrewpilloud@igneoussystems.com>

Andrew Pogrebnoy <absourd.noise@gmail.com>

Andrew Poydence <a poydence@pivotal.io>

Andrew Pritchard <a href="mailto:awpritchard@gmail.com">awpritchard@gmail.com</a>

Andrew Radev <andrey.radev@gmail.com>
Andrew Skiba <skibaa@gmail.com>
Andrew Stormont <astormont@racktopsystems.com>
Andrew Stribblehill <ads@wompom.org>
Andrew Szeto <andrew@jabagawee.com>

Andrew Todd <andrew.todd@wework.com>

4 1 W 11 1 1 1 1 1 1 1

Andrew Wansink < wansink@uber.com>

Andrew Werner <andrew@upthere.com> <awerner32@gmail.com>

Andrew Wilkins <axwalk@gmail.com>

Andrew Williams < williams.andrew@gmail.com>

Andrew Z Allen <me@andrewzallen.com>

Andrey Bokhanko <andreybokhanko@gmail.com>

Andrey Mirtchovski <mirtchovski@gmail.com>

Andrey Petrov <andrey.petrov@shazow.net>

Andrii Soldatenko <andrii.soldatenko@gmail.com>

Andrii Soluk <isoluchok@gmail.com>

Andriy Lytvynov <lytvynov.a.v@gmail.com>

Andrzej

eel <andrii.zhezhel@gmail.com>

Andy Balholm <andy@balholm.com>

Andy Davis <andy@bigandian.com>

Andy Finkenstadt <a finkenstadt@zynga.com>

Andy Lindeman < andy@lindeman.io>

Andy Maloney <asmaloney@gmail.com>

Andy Pan <panjf2000@gmail.com> <panjf2000@golangcn.org> <i@andypan.me>

Andy Walker < walkeraj@gmail.com>

Andy Wang <cbeuw.andy@gmail.com>

Andy Williams <andy@andy.xyz>

Andy Zhao <andyzhao@google.com>

Andzej Maciusovic <andzej.maciusovic@gmail.com>

Anfernee Yongkun Gui <anfernee.gui@gmail.com>

Angelo Bulfone <mbulfone@gmail.com>

Anh Hai Trinh <anh.hai.trinh@gmail.com>

Anit Gandhi <anitgandhi@gmail.com>

Ankit Goyal <ankit3goyal@gmail.com>

Anmol Sethi <anmol@aubble.com>

Annirudh Prasad <annirudh@wandb.com>

Anschel Schaffer-Cohen <anschelsc@gmail.com>

Anthony Alves < cvballa3g0@gmail.com>

Anthony Canino <anthony.canino1@gmail.com>

Anthony Eufemio <anthony.eufemio@gmail.com>

Anthony Fok <foka@debian.org>

Anthony Martin <ality@pbrane.org>

Anthony Sottile <a sottile @umich.edu>

Anthony Starks

<ajstarks@gmail.com>

Anthony Voutas <voutasaurus@gmail.com>

Anthony Woods <a woods@raintank.io>

Antoine GIRARD <sapk@sapk.fr>

Antoine Martin <antoine97.martin@gmail.com>

Anton Gyllenberg <anton@iki.fi>

Anton Kuklin <anton.a.kuklin@gmail.com>

Antonin Amand <antonin.amand@gmail.com>

Antonio Antelo <aantelov87@gmail.com>

Antonio Bibiano <antbbn@gmail.com>

Antonio Garcia <garcia.olais@gmail.com>

Antonio Huete Jimenez <tuxillo@quantumachine.net>

Antonio Murdaca <runcom@redhat.com>

Antonio Ojea <antonio.ojea.garcia@gmail.com>

Antonio Troina <thoeni@gmail.com>

Anze Kolar <me@akolar.com>

Aofei Sheng <aofei@aofeisheng.com>

Apisak Darakananda <pongad@gmail.com>

Aram Hvrneanu <aram@mgk.ro>

Araragi Hokuto <kanseihonbucho@protonmail.com>

Arash Bina <arash@arash.io>

Archana Ravindar <aravind5@in.ibm.com>

Arda Gl <ardaguclu@gmail.com>

Areski Belaid <areski@gmail.com>

Ariel Mashraki <ariel@mashraki.co.il>

Arkadi Pyuro <arkadi@google.com>

Arlo Breault <arlolra@gmail.com>

Arnaud Ysmal <arnaud.ysmal@gmail.com>

Arne

Hormann <arnehormann@gmail.com>

Arnout Engelen <arnout@bzzt.net>

Aron Nopanen <aron.nopanen@gmail.com>

Arran Walker <arran.walker@fiveturns.org>

Artem Alekseev <artem.alekseev@intel.com>

Artem Khvastunov <artem.khvastunov@jetbrains.com>

Artem Kolin <artemkaxboy@gmail.com>

Arthur Fabre <arthur@arthurfabre.com>

Arthur Khashaev <arthur@khashaev.ru>

Artur M. Wolff <artur.m.wolff@gmail.com>

Artyom Pervukhin <artyom.pervukhin@gmail.com>

Arvindh Rajesh Tamilmani <art@a-30.net>

Ashish Bhate <ab.listsubs@gmail.com>

Ashish Gandhi <ag@ashishgandhi.org>

Asim Shankar <asimshankar@gmail.com>

Assel Meher <asselmeher@gmail.com>

Atin Malaviya <amalaviy@akamai.com>

Ato Araki <ato.araki@gmail.com>

Atsushi Toyama <atsushi.tohyama.160.333@gmail.com>

Audrey Lim <audreylh@gmail.com>

Audrius Butkevicius <audrius.butkevicius@gmail.com>

Augusto Roman <aroman@gmail.com>

Aulus Egnatius Varialus <varialus@gmail.com>

Aurlien Rainone <aurelien.rainone@gmail.com>

Aurlio A. Heckert <aurium@gmail.com>

Austin

Clements <austin@google.com> <aclements@csail.mit.edu>

Avi Flax <avi@timehop.com>

Aviv Klasquin Komissar <avivklas@gmail.com>

awaw fumin <awawfumin@gmail.com>

Awn Umar <awn@cryptolosophy.io>

Axel Wagner <axel.wagner.hh@googlemail.com>

Ayan George <ayan@ayan.net>

Ayanamist Yang <ayanamist@gmail.com>

Ayke van Laethem <aykevanlaethem@gmail.com>

Aymerick Jhanne <aymerick@jehanne.org>

Ayzat Sadykov <ayzat.ziko.93@gmail.com>

Azat Kaumov < kaumov.a.r@gmail.com>

Baiju Muthukadan <baiju.m.mail@gmail.com>

Balaram Makam <br/>
<br/>
bmakam.qdt@qualcommdatacenter.com>

Balazs Lecz < leczb@google.com>

Baokun Lee <nototon@gmail.com> <bk@golangcn.org>

Barnaby Keene <accounts@southcla.ws>

Bartomiej Klimczak <bartlomiej.klimczak88@gmail.com>

Bartosz Grzybowski <melkorm@gmail.com>

Bartosz Oler <br/>
<br/>
brtsz@google.com>

Bassam Ojeil <br/>
<br/>
bojeil@google.com>

Bastian Ike <bastian.ike@gmail.com>

Ben Burkert <br/> <br/> ben@benburkert.com>

Ben Cartwright-Cox <Ben@Benjojo.co.uk>

Ben Eitzen <eitzenb@golang.org>

Ben Fried <ben.fried@gmail.com>

Ben

Haines <br/> <br/>bhainesva@gmail.com>

Ben Hoyt <br/> <br/>benhoyt@gmail.com>

Ben Hutchings <a href="mailto:ben.hutchings@essensium.com">ben.hutchings@essensium.com</a>

Ben Kraft <benkraft@khanacademy.org>

Ben Laurie <ben@links.org> <benl@google.com>

Ben Lubar <br/> <br/>ben.lubar@gmail.com>

Ben Lynn <br/> <br/>benlynn@gmail.com>

Ben Olive <sionide21@gmail.com>

Ben Schwartz <br/> bemasc@google.com>

Ben Shi <powerman1st@163.com>

Ben Toews <mastahyeti@gmail.com>

Benjamin Barenblat <br/> <br/> bbaren@google.com>

Benjamin Black <b@b3k.us>

Benjamin Cable <cable.benjamin@gmail.com>

Benjamin Hsieh <tanookiben@users.noreply.github.com>

Benjamin Peterson <br/> <br/> benjamin@python.org>

Benjamin Prosnitz <br/> <br/> bprosnitz@google.com>

Benjamin Wester <br/> <br/> bwester@squareup.com>

Benjamin Wuethrich <br/> <br/> benjamin.wuethrich@gmail.com>

Benny Siegert <br/> siegert@gmail.com>

Benoit Sigoure <tsunanet@gmail.com>

Berengar Lehr < Berengar. Lehr@gmx.de>

Berkant Ipek <41230766+0xbkt@users.noreply.github.com>

Beth Brown <ecbrown@google.com>

Bharath Kumar Uppala <uppala.bharath@gmail.com>

Bharath Thiruveedula <tbharath91@gmail.com>

Bhavin

Gandhi <br/> <br/> bhavin7392@gmail.com>

Bill Neubauer <wcn@golang.org> <wcn@google.com> <bill.neubauer@gmail.com>

Bill O'Farrell <billo@ca.ibm.com>

Bill Prin < waprin@google.com>

Bill Thiede <couchmoney@gmail.com>

Bill Zissimopoulos <br/> <br/>billziss@navimatics.com>

Billie Harold Cleek <br/>
<br/>
bhcleek@gmail.com>

Billy Lynch <wlynch@google.com>

Billy Zaelani Malik <m.billyzaelani@gmail.com>

Bjrn Erik Pedersen <br/> <br/> bjorn.erik.pedersen@gmail.com>

Bjorn Tillenius <br/> <br/>bjorn@tillenius.me>

Bjorn Tipling <br/> <br/> bjorn.tipling@gmail.com>

Blain Smith <rebelgeek@blainsmith.com>

Blake Gentry <br/> <br/>blakesgentry@gmail.com>

Blake Mesdag <br/> <br/> blakemesdag@gmail.com>

Blake Mizerany <br/> <br/>blake.mizerany@gmail.com>

Blixt <me@blixt.nyc>

Bob Briski <rbriski@gmail.com>

Bob McNaughton <br/> <br/>bobmcn@gmail.com>

Bob Potter <br/>
<br/>
bobby.potter@gmail.com>

Bobby DeSimone <br/> <br/>bobbydesimone@gmail.com>

Bobby Powers <br/> <br/>bobbypowers@gmail.com>

Boqin Qin <bobbqqin@gmail.com>

Boris Nagaev <nagaev@google.com>

Boshi Lian <bolian@microsoft.com>

Brad Burch

<brad.burch@gmail.com>

Brad Erickson <a href="mailto:bderickson@gmail.com">bderickson@gmail.com</a>

Brad Fitzpatrick <bradfitz@golang.org> <bradfitz@gmail.com>

Brad Garcia <br/>
<br/>
dgarcia@golang.org>

Brad Jones <rbjones@google.com>

Brad Morgan <br/> <br/>brad@morgabra.com>

Brad Whitaker <br/>
<br/>
bwhitaker@fastly.com>

Braden Bassingthwaite <br/> <br/>bbassingthwaite@vendasta.com>

Bradford Lamson-Scribner <br/> <br/> brad.lamson@gmail.com>

Bradley Falzon <br/>
<br/>
brad@teambrad.net>

Brady Catherman <br/>
<br/>
brady@gmail.com>

Brady Sullivan <br/> srady@bsull.com>

Branden J. Brown <zephyrtronium@gmail.com>

Brandon Bennett <br/> bbennett@fb.com>

Brandon Gilmore <varz@google.com>

Brandon Philips <br/> <br/>brandon@ifup.org>

Brandon Ryan <br/> <br/> bjryan19@gmail.com>

Brave Cow <rsr715@gmail.com>

Brayden Cloud <bcloud@google.com>

Brendan Daniel Tracey <tracey.brendan@gmail.com>

Brendan O'Dea <bod@golang.org>

Brett Cannon <br/> <br/>bcannon@gmail.com>

Brett Merrill <br/> brett.j.merrill94@gmail.com>

Brian Dellisanti <bri> dellisanti@gmail.com>

Brian Downs <br/> <br/> brian.downs@gmail.com>

Brian Falk <falk@logicparty.org>

Brian G. Merrell <br/> <br/> bgmerrell@gmail.com>

Brian

Gitonga Marete <marete@toshnix.com> <bgmarete@gmail.com> <bgm@google.com>

Brian Kennedy <a href="mailto:btkennedy@gmail.com">btkennedy@gmail.com</a>

Brian Kessler <br/> <br/> brian.m.kessler@gmail.com>

Brian Ketelsen <a href="mailto:ketelsen@gmail.com">bketelsen@gmail.com</a>

Brian Slesinsky <skybrian@google.com>

Brian Smith <ohohvi@gmail.com>

Brian Starke <bri> starke@gmail.com>

Bruce Huang <a href="mailto:helbingxxx@gmail.com">helbingxxx@gmail.com</a>

Bryan Alexander < Kozical@msn.com>

Bryan Boreham <br/> <br/> bjboreham@gmail.com>

Bryan C. Mills <br/> <br/>bcmills@google.com>

Bryan Chan <br/> <br/>bryan.chan@ca.ibm.com>

Bryan Ford <br/> brynosaurus@gmail.com>

Bryan Heden <b.heden@gmail.com>

Bulat Gaifullin <gaifullinbf@gmail.com>

Burak Guven <br/> <br/> bguven@gmail.com>

Caine Tighe <arctanofyourface@gmail.com>

Caio Marcelo de Oliveira Filho <caio.oliveira@intel.com>

Caleb Martinez <accounts@calebmartinez.com>

Caleb Spare <cespare@gmail.com>

Carl Chatfield < carlchatfield@gmail.com>

Carl Henrik Lunde <chlunde@ifi.uio.no>

Carl Jackson <carl@stripe.com>

Carl Johnson <me@carlmjohnson.net>

Carl Mastrangelo <notcarl@google.com>

Carl Menezes

<carleeto@gmail.com>

Carl Shapiro <cshapiro@google.com> <cshapiro@golang.org>

Carlisia Campos <carlisia@grokkingtech.io>

Carlo Alberto Ferraris < cafxx@strayorange.com>

Carlos Alexandro Becker < caarlos 0@gmail.com>

Carlos Amedee <carlos@golang.org>

Carlos Castillo <cookieo9@gmail.com>

Carlos Cirello <uldericofilho@gmail.com>

Carlos Eduardo <me@carlosedp.com>

Carlos Eduardo Seo <cseo@linux.vnet.ibm.com>

Carlos Iriarte <ciriarte@gmail.com>

Carlos Souza <carloshrsouza@gmail.com>

Carolyn Van Slyck <me@carolynvanslyck.com>

Carrie Bynon <cbynon@gmail.com>

Carson Hoffman <c@rsonhoffman.com>

Cary Hull <chull@google.com>

Case Nelson < case.nelson@gmail.com>

Casey Callendrello <squeed@gmail.com>

Casey Marshall <casey.marshall@gmail.com>

Catalin Nicutar < cnicutar@google.com>

Catalin Patulea <catalinp@google.com>

Cathal O'Callaghan < cathalsocallaghan@gmail.com>

Cedric Staub < cs@squareup.com>

Cezar S Espinola <cezarsa@gmail.com>

Chad Rosier <mrosier.qdt@qualcommdatacenter.com>

ChaiShushan <chaishushan@gmail.com>

Changkun

Ou <hi@changkun.us>

Channing Kimble-Brown < channing@golang.org>

Chao Xu <xuchao@google.com>

Chaoqun Han <a href="mailto:chaoqun">hanssccv@gmail.com</a>

Charles Fenwick Elliott < Charles @ Fenwick Elliott.io>

Charles Kenney <charlesc.kenney@gmail.com>

Charles L. Dorian <cldorian@gmail.com>

Charles Lee <zombie.fml@gmail.com>

Charles Weill < weill@google.com>

Charlie Getzen <charlie@bolt.com>

Charlie Moog <moogcharlie@gmail.com>

Charlotte Brandhorst-Satzkorn < catzkorn@gmail.com>

Chauncy Cullitan <chauncyc@google.com>

Chen Zhidong <njutczd@gmail.com>

Chen Zhihan <energiehund@gmail.com>

Cheng Wang < wangchengiscool@gmail.com>

Cherry Mui <cherryyz@google.com>

Chew Choon Keat <choonkeat@gmail.com>

Chia-Chi Hsu <wuchi5457@gmail.com>

Chiawen Chen <golopot@gmail.com>

Chirag Sukhala <cchirag77@gmail.com>

Cholerae Hu <choleraehyq@gmail.com>

 $Chotepud\ Teo < AlexRouSg@users.noreply.github.com >$ 

Chressie Himpel <chressie@google.com>

Chris Ball <chris@printf.net>

Chris Biscardi <chris@christopherbiscardi.com>

Chris

Broadfoot <cbro@golang.org>

Chris Dollin <ehog.hedge@gmail.com>

Chris Farmiloe <chrisfarms@gmail.com>

Chris Hines <chris.cs.guy@gmail.com>

Chris Howey <howeyc@gmail.com>

Chris Hundt <hundt@google.com>

Chris Jones <chris@cjones.org> <chris.jones.yar@gmail.com>

Chris Kastorff <encryptio@gmail.com>

Chris Le Roy <br/>
<br/>
brompwnie@users.noreply.github.com>

Chris Lennert <calennert@gmail.com>

Chris Liles <caveryliles@gmail.com>

Chris Manghane <cmang@golang.org>

Chris Marchesi <chrism@vancluevertech.com>

Chris McGee <sirnewton\_01@yahoo.ca> <newton688@gmail.com>

Chris Raynor <raynor@google.com>

Chris Roche <rodaine@gmail.com>

Chris Smith <chrsmith@users.noreply.github.com>

Chris Stockton <chrisstocktonaz@gmail.com>

Chris Taylor <taylorza@gmail.com>

Chris Waldon <christopher.waldon.dev@gmail.com>

Chris Zou <chriszou@ca.ibm.com>

Christian Alexander <christian@linux.com>

Christian Couder <chriscool@tuxfamily.org>

Christian Himpel <chressie@googlemail.com> <chressie@gmail.com>

Christian Muehlhaeuser <muesli@gmail.com>

Christian

Pellegrin <chri@evolware.org>

Christian R. Petrin < christianpetrin@gmail.com>

Christian Svensson <br/> <br/> blue@cmd.nu>

Christine Hansmann < chhansmann@gmail.com>

Christoffer Buchholz <christoffer.buchholz@gmail.com>

Christoph Blecker <admin@toph.ca>

Christoph Hack <christoph@tux21b.org>

Christopher Cahoon <a href="mailto:chris.cahoon@gmail.com">chris.cahoon@gmail.com</a>

Christopher Guiney <chris@guiney.net>

Christopher Henderson < chris@chenderson.org>

Christopher Hlubek <christopher.hlubek@networkteam.com>

Christopher Koch <chrisko@google.com>

Christopher Loessl <cloessl+github@gmail.com>

Christopher Nelson <nadiasvertex@gmail.com>

Christopher Nielsen <m4dh4tt3r@gmail.com>

Christopher Redden <christopher.redden@gmail.com>

Christopher Swenson <cswenson@google.com>

 $Christopher\ Thomas\ <53317512 + chrisssthomas\ @users.noreply.github.com>$ 

Christopher Wedgwood <cw@f00f.org>

Christos Zoulas <christos@zoulas.com> <zoulasc@gmail.com>

Christy Perez <christy@linux.vnet.ibm.com>

CL Sung <clsung@gmail.com> <cl\_sung@htc.com>

Clment

Chigot <clement.chigot@atos.net>

Clement Skau <clementskau@gmail.com>

Clint J. Edwards <clint.j.edwards@gmail.com>

Cody Oss <the.cody.oss@gmail.com>

Colby Ranger < cranger@google.com>

Colin Arnott <colin@urandom.co.uk>

Colin Cross <ccross@android.com>

Colin Edwards <colin@recursivepenguin.com>

Colin Kennedy <moshen.colin@gmail.com>

Colin Nelson <colnnelson@google.com>

Colin Rice <clr@google.com>

Conrad Irwin <conrad.irwin@gmail.com>

Conrad Meyer <cemeyer@cs.washington.edu>

Conrado Gouvea < conradoplg@gmail.com>

Constantin Konstantinidis <constantinkonstantinidis@gmail.com>

Corey Thomasson <cthom.lists@gmail.com>

Corne van der Plas <vdplas@gmail.com>

Cosmos Nicolaou < cnicolaou@google.com>

Costin Chirvasuta <ctin@google.com>

Craig Citro <craigcitro@google.com>

Cristian Staretu <unclejacksons@gmail.com>

Cristo Garca <cgg.code@gmail.com>

cui fliter <imcusg@gmail.com>

Cuihtlauac ALVARADO < cuihtlauac .alvarado@orange.com >

Cuong Manh Le <cuong@orijtech.com>

Curtis La Graff <curtis@lagraff.me>

Cyrill

Schumacher < cyrill@schumacher.fm>

Dai Jie <gzdaijie@gmail.com>

Dai Wentao <dwt136@gmail.com>

Daisuke Fujita <dtanshi45@gmail.com>

Daisuke Suzuki <daisuzu@gmail.com>

Daker Fernandes Pinheiro <daker.fernandes.pinheiro@intel.com>

Damian Gryski <dgryski@gmail.com>

Damien Lespiau <damien.lespiau@gmail.com> <damien.lespiau@intel.com>

Damien Mathieu <42@dmathieu.com>

Damien Neil <dneil@google.com>

Damien Tournoud <damien@platform.sh>

Dan Ballard <dan@mindstab.net>

Dan Caddigan <goldcaddy77@gmail.com>

 $Dan\ Callahan\ <\! dan.callahan\ @\ gmail.com\!>$ 

Dan Harrington <a href="mailto:harringtond@google.com">harringtond@google.com</a>

Dan Jacques <dnj@google.com>

Dan Johnson <computerdruid@google.com>

Dan McArdle <a href="mailto:dmcardle@google.com">dmcArdle <a href="mailto:dmcardle@google.com">dmcArdle@google.com</a>

Dan Peterson <dpiddy@gmail.com>

Dan Pupius <dan@medium.com>

Dan Scales <a href="mailto:danscales@google.com">danscales@google.com</a>

Dan Sinclair <dan.sinclair@gmail.com>

Daniel Cohen <a href="mailto:dcohen@gatech.edu">dcohen@gatech.edu</a>

Daniel Cormier <danielc@knowbe4.com>

Danil de Kok <me@danieldk.eu>

Daniel Fleischman <danielfleischman@gmail.com>

Daniel Ingram <ingramds@appstate.edu>

Daniel

Johansson <dajo2002@gmail.com>

Daniel Kerwin <d.kerwin@gini.net>

Daniel Kessler <dkess@google.com>

Daniel Krech <eikeon@eikeon.com>

Daniel Kumor <rdkumor@gmail.com>

Daniel Langner <s8572327@gmail.com>

Daniel Lidn <daniel.liden.87@gmail.com>

Daniel Lublin <daniel@lublin.se>

Daniel Mangum <georgedanielmangum@gmail.com>

Daniel Marshall <daniel.marshall2@ibm.com>

Daniel Mart <mvdan@mvdan.cc>

Daniel McCarney <cpu@letsencrypt.org>

Daniel Morsing <a href="mailto:daniel.morsing@gmail.com">daniel.morsing@gmail.com</a>

Daniel Nadasi <a href="mailto:dnadasi@google.com">dnadasi@google.com</a>

Daniel Nephin <dnephin@gmail.com>

Daniel Ortiz Pereira da Silva <daniel.particular@gmail.com>

Daniel S. Fava <danielsfava@gmail.com>

Daniel Skinner <daniel@dasa.cc>

Daniel Speichert <daniel@speichert.pl>

Daniel Theophanes <kardianos@gmail.com>

Daniel Upton <daniel@floppy.co>

Daniela Petruzalek <daniela.petruzalek@gmail.com>

Danish Dua <danishdua@google.com>

Danish Prakash <grafitykoncept@gmail.com>

Danny Rosseau <a href="mailto:com/daniel.rosseau@gmail.com/">com/daniel.rosseau@gmail.com/</a>

Daria Kolistratova <daria.kolistratova@intel.com>

Darien

Raymond <admin@v2ray.com>

Darren Elwood <darren@textnode.com>

Darren Grant <darren.e.grant@gmail.com>

Darren McCleary <darren.rmc@gmail.com>

Darshan Parajuli <parajulidarshan@gmail.com>

Datong Sun <dndx@idndx.com>

Dave Borowitz <dborowitz@google.com>

Dave Bort <dbort@golang.org>

Dave Cheney <dave@cheney.net>

Dave Day <djd@golang.org>

Dave Grijalva <dgrijalva@ngmoco.com>

Dave MacFarlane <driusan@gmail.com>

Dave Pifke <dave@pifke.org>

Dave Russell <forfuncsake@gmail.com>

David Anderson <a href="mailto:danderson@google.com">danderson@google.com</a>

David Barnett <dbarnett@google.com>

David Benjamin <davidben@google.com>

David Black <dblack@atlassian.com>

David Bond <davidsbond93@gmail.com>

David Brophy <a href="mailto:dave@brophy.uk">dave@brophy.uk</a>

David Brgin <676c7473@gmail.com>

David Calavera <david.calavera@gmail.com>

David Carlier <devnexen@gmail.com>

David Carter <fresco.raja@gmail.com>

David Chase <drchase@google.com>

David Covert <davidhcovert@gmail.com>

David Crawshaw <a href="mailto:com"><crawshaw@google.com"><crawshaw@golang.org></a>

David

du Colombier <0intro@gmail.com>

David Finkel <david.finkel@gmail.com>

David Forsythe <dforsythe@gmail.com>

David G. Andersen <a href="mailto:dave.andersen@gmail.com">dave.andersen@gmail.com</a>

David Glasser < glasser@meteor.com>

David Golden <david@autopragmatic.com>

David Heuschmann < heuschmann.d@gmail.com>

David Howden <a href="mailto:com/dhowden@gmail.com/">dhowden@gmail.com/</a>

David Hubbard <dsp@google.com>

David Jakob Fritz <david.jakob.fritz@gmail.com>

David Jones <dxjones@gmail.com>

David Lazar <a href="mailto:lazard@golang.org">lazard@golang.org</a>

David Leon Gil <coruus@gmail.com>

David McLeish <davemc@google.com>

David Ndungu <dnjuguna@gmail.com>

David NewHamlet <david@newhamlet.com>

David Presotto presotto@gmail.com>

David Qu <davidqu12345@gmail.com>

David R. Jenni <david.r.jenni@gmail.com>

David Sansome <me@davidsansome.com>

David Stainton <dstainton415@gmail.com>

David Symonds <a href="mailto:dsymonds@golang.org">dsymonds@golang.org</a>

David Thomas <davidthomas426@gmail.com>

David Timm < dtimm@pivotal.io>

David Titarenco <david.titarenco@gmail.com>

David Tolpin <david.tolpin@gmail.com>

David Url <david@urld.io>

David

Volquartz Lebech <david@lebech.info>

David Wimmer <davidlwimmer@gmail.com>

Davies Liu <davies.liu@gmail.com>

Davor Kapsa <davor.kapsa@gmail.com>

Dean Eigenmann <7621705+decanus@users.noreply.github.com>

Dean Prichard <dean.prichard@gmail.com>

Deepak Jois <deepak.jois@gmail.com>

Deepak S <deepakspavoodath@gmail.com>

Denis Bernard <db047h@gmail.com>

Denis Brandolini <denis.brandolini@gmail.com>

Denis Isaev <idenx@yandex.com>

Denis Nagorny <denis.nagorny@intel.com>

Dennis Kuhnert <mail.kuhnert@gmail.com>

Denys Honsiorovskyi <honsiorovskyi@gmail.com>

Denys Smirnov <denis.smirnov.91@gmail.com>

Derek Buitenhuis <derek.buitenhuis@gmail.com>

Derek Che <drc@yahoo-inc.com>

Derek McGowan <derek@mcgstyle.net>

Derek Parker <parkerderek86@gmail.com>

Derek Phan <derekphan94@gmail.com>

Derek Shockey <derek.shockey@gmail.com>

Dev Ojha <dojha12@gmail.com>

Dev Zhoujun <dev.zhoujun@gmail.com>

Devon H. O'Dell <devon.odell@gmail.com>

Dhaivat Pandit <dhaivatpandit@gmail.com>

Dhananjay Nakrani <dhananjayn@google.com>

Dhiru

Kholia <dhiru.kholia@gmail.com>

Dhruvdutt Jadhav <a href="mailto:dhruvdutt.jadhav@gmail.com">dhruvdutt.jadhav@gmail.com</a>

Di Xiao <dixiao@google.com>

Didier Spezia < didier.06@gmail.com>

Diego Medina <fmpwizard@gmail.com>

Diego Siqueira <diego9889@gmail.com>

Dieter Plaetinck <dieter@raintank.io>

Dilyn Corner <dilyn.corner@gmail.com>

Dimitri Sokolyuk <sokolyuk@gmail.com>

Dimitri Tcaciuc <dtcaciuc@gmail.com>

Dina Garmash <dgrmsh@gmail.com>

Diogo Pinela <diogoid7400@gmail.com>

Dirk Gadsden <dirk@esherido.com>

Diwaker Gupta <diwakergupta@gmail.com>

Dmitri Goutnik <dgoutnik@gmail.com>

Dmitri Popov <operator@cv.dp-net.com>

Dmitri Shuralyov <dmitshur@golang.org> <dmitri@shuralyov.com>

Dmitrii Okunev <xaionaro@gmail.com>

Dmitriy Cherchenko <dcherchenko@gmail.com>

Dmitriy Dudkin <dudkin.dmitriy@gmail.com>

Dmitriy Shelenin <deemok@googlemail.com> <deemok@gmail.com>

Dmitriy Vyukov <a href="mailto:dvyukov@google.com">dvyukov@google.com</a>

Dmitry Chestnykh <dchest@gmail.com>

Dmitry Doroginin <doroginin@gmail.com>

Dmitry Mottl <dmitry.mottl@gmail.com>

**Dmitry** 

Neverov <dmitry.neverov@gmail.com>

Dmitry Savintsev <dsavints@gmail.com>

Dmitry Yakunin <nonamezeil@gmail.com>

Dmytro Shynkevych <dm.shynk@gmail.com>

Doga Fincan <doga@icloud.com>

Domas Tamaauskas <puerdomus@gmail.com>

Domen Ipavec <domen@ipavec.net>

Dominic Della Valle <ddvpublic@Gmail.com>

Dominic Green <dominicgreen1@gmail.com>

Dominik Honnef <dominik.honnef@gmail.com>

Dominik Vogt <vogt@linux.vnet.ibm.com>

Don Byington <don@dbyington.com>

Donald Huang <don.hcd@gmail.com>

Dong-hee Na <donghee.na92@gmail.com>

Donovan Hide <donovanhide@gmail.com>

Doug Anderson <douga@google.com>

Doug Fawley <dfawley@google.com>

Douglas Danger Manley <doug.manley@gmail.com>

Drew Flower <drewvanstone@gmail.com>

Drew Hintz <adhintz@google.com>

Drew Richardson <a href="mailto:drewrichardson@gmail.com">drewrichardson@gmail.com</a>

Duco van Amstel <duco.vanamstel@gmail.com>

Duncan Holm <mail@frou.org>

Dustin Carlino <dcarlino@google.com>

Dustin Herbison <diherbis@gmail.com>

Dustin Long <dustmop@gmail.com>

Dustin Sallings <a href="mailto:dsallings@gmail.com">dsallings@gmail.com</a>

Dustin

Shields-Cloues <dcloues@gmail.com>

Dustin Spicuzza <dustin.spicuzza@gmail.com>

Dvir Volk <dvir@everything.me> <dvirsky@gmail.com>

Dylan Waits <dylan@waits.io>

Ed Schouten <ed@nuxi.nl>

Edan Bedrik <3d4nb3@gmail.com>

Eddie Scholtz <escholtz@google.com>

Eden Li <eden.li@gmail.com>

Eduard Urbach <e.urbach@gmail.com>

Eduardo Ramalho <eduardo.ramalho@gmail.com>

Eduardo Villaseor <evillasrmx@gmail.com>

Edward Muller <edwardam@interlix.com>

Egon Elbre <egonelbre@gmail.com>

Ehren Kret <ehren.kret@gmail.com>

Eitan Adler < lists@eitanadler.com>

Eivind Uggedal <eivind@uggedal.com>

El Mostafa Idrassi <el.mostafa.idrassi@gmail.com>

Elbert Fliek <efliek@gmail.com>

Eldar Rakhimberdin <ibeono@gmail.com>

Elena Grahovac <elena@grahovac.me>

Eli Bendersky <eliben@google.com>

Elias Naur <mail@eliasnaur.com> <elias.naur@gmail.com>

Elliot Morrison-Reed <elliotmr@gmail.com>

Ellison Leao <ellisonleao@gmail.com>

Elvina Yakubova <elvinayakubova@gmail.com>

Emerson Lin < linyintor@gmail.com>

Emil Bektimirov <lefelys@gmail.com>

Emil

Hessman <emil@hessman.se>

Emil Mursalimov <mursalimovemeel@gmail.com>

Emilien Kenler < hello@emilienkenler.com>

Emmanuel Odeke <emm.odeke@gmail.com> <odeke@ualberta.ca>

Emrecan Bati <emrecanbati@gmail.com>

Eno Compton <enocom@google.com>

Eoghan Sherry <ejsherry@gmail.com>

Eric Biggers <e biggers@google.com>

Eric Brown <br/> browne@vmware.com>

Eric Chiang <eric.chiang.m@gmail.com>

Eric Clark <zerohp@gmail.com>

Eric Daniels <eric@erdaniels.com>

Eric Engestrom <eric@engestrom.ch>

Eric Garrido <ekg@google.com>

Eric Koleda <ekoleda+devrel@google.com>

Eric Lagergren <ericscottlagergren@gmail.com>

Eric Milliken <emilliken@gmail.com>

Eric Pauley <eric@pauley.me>

Eric Ponce <tricokun@gmail.com>

Eric Rescorla <ekr@rtfm.com>

Eric Roshan-Eisner <eric.d.eisner@gmail.com>

Eric Rutherford <erutherford@gmail.com>

Eric Rykwalder <e.rykwalder@gmail.com>

Eric Wang <wangchaogo1990@gmail.com>

Erick Tryzelaar <etryzelaar@google.com>

Erik Aigner <aigner.erik@gmail.com>

Erik Dubbelboer <erik@dubbelboer.com>

Erik

St. Martin <alakriti@gmail.com>

Erik Staab <estaab@google.com>

Erik Westrup <erik.westrup@gmail.com>

Erin Masatsugu <erin.masatsugu@gmail.com>

Ernest Chiang <ernest\_chiang@htc.com>

Erwin Oegema <br/>
<br/>
blablaechthema@hotmail.com>

Esko Luontola <esko.luontola@gmail.com>

Ethan Anderson <e anderson @ atlassian.com>

Ethan Burns <eaburns@google.com>

Ethan Hur <ethan0311@gmail.com>

Ethan Miller <eamiller@us.ibm.com>

Ethan Reesor <ethan.reesor@gmail.com>

Euan Kemp <euank@euank.com>

Eugene Formanenko <mo4islona@gmail.com>

Eugene Kalinin <e.v.kalinin@gmail.com>

Evan Broder <evan@stripe.com>

Evan Brown <evanbrown@google.com>

Evan Digby <evandigby@gmail.com>

Evan Hicks <evan.hicks2@gmail.com>

Evan Jones <ej@evanjones.ca>

Evan Klitzke <evan@eklitzke.org>

Evan Kroske <evankroske@google.com>

Evan Martin <evan.martin@gmail.com>

Evan Phoenix <evan@phx.io>

Evan Shaw <chickencha@gmail.com>

Evgeniy Kulikov <tuxuls@gmail.com>

Evgeniy Polyakov <zbr@ioremap.net>

Ewan Chou <coocood@gmail.com>

Ewan Valentine

<ewan.valentine89@gmail.com>

Eyal Posener posener@gmail.com>

F. Talha Altnel <talhaaltinel@hotmail.com>

Fabian Wickborn <fabian@wickborn.net>

Fabian Zaremba <fabian@youremail.eu>

Fabio Falzoi <fabio.falzoi84@gmail.com>

Fabrizio Milo <mistobaan@gmail.com>

Faiyaz Ahmed <ahmedf@vmware.com>

Fan Hongjian <fan.howard@gmail.com>

Fangming Fang <fangming.fang@arm.com>

Fannie Zhang <fannie.zhang@arm.com>

Fatih Arslan <fatih@arslan.io>

Fazal Majid <majid@apsalar.com>

Fazlul Shahriar <fshahriar@gmail.com>

Federico Bond <federicobond@gmail.com>

Federico Guerinoni < guerinoni.federico@gmail.com>

Federico Simoncelli <fsimonce@redhat.com>

Fedor Indutny <fedor@indutny.com>

Fedor Korotkiy <dartslon@gmail.com>

Felipe Oliveira <felipeweb.programador@gmail.com>

Felix Bnemann <Felix.Buenemann@gmail.com>

Felix Cornelius <9767036+fcornelius@users.noreply.github.com>

Felix Geisendrfer <haimuiba@gmail.com>

Felix Kollmann <fk@konsorten.de>

Ferenc Szabo <frncmx@gmail.com>

Fernandez Ludovic < lfernandez.dev@gmail.com>

Filip

Gruszczyski <gruszczy@gmail.com>

Filip Haglund <drathier@users.noreply.github.com>

Filip Stanis <fstanis@google.com>

Filippo Valsorda <filippo@golang.org> <filippo@cloudflare.com> <hi@filippo.io>

Firmansyah Adiputra <frm.adiputra@gmail.com>

Florian Forster <octo@google.com>

Florian Uekermann <florian@uekermann-online.de> <f1@uekermann-online.de>

Florian Weimer <fw@deneb.enyo.de>

Florin Papa <fpapa@google.com>

Florin Patan <florinpatan@gmail.com>

Folke Behrens <folke@google.com>

Ford Hurley <ford.hurley@gmail.com>

Forest Johnson <forest.n.johnson@gmail.com>

Francesc Campoy <campoy@golang.org>

Francesco Guardiani <francescoguard@gmail.com>

Francesco Renzi <rentziass@gmail.com>

Francisco Claude <fclaude@recoded.cl>

Francisco Rojas <francisco.rojas.gallegos@gmail.com>

Francisco Souza <franciscossouza@gmail.com>

Frank Chiarulli Jr <frank@frankchiarulli.com>

Frank Schroeder <frank.schroeder@gmail.com>

Frank Somers <fsomers@arista.com>

Frederic Guillot <frederic.guillot@gmail.com>

Frederick

Kelly Mayle III <frederickmayle@gmail.com>

Frederik Ring <frederik.ring@gmail.com>

Frederik Zipp <fzipp@gmx.de>

Frediano Ziglio <freddy77@gmail.com>

Fredrik Enestad <fredrik.enestad@soundtrackyourbrand.com>

Fredrik Forsmo <fredrik.forsmo@gmail.com>

Fredrik Wallgren <fredrik.wallgren@gmail.com>

Frew Schmidt <github@frew.co>

Frithjof Schulze <schulze@math.uni-hannover.de> <sfrithjof@gmail.com>

Frits van Bommel <fvbommel@gmail.com>

Fujimoto Kyosuke <kyoro.f@gmail.com>

Fumitoshi Ukai <ukai@google.com>

G. Hussain Chinoy <ghchinoy@gmail.com>

Gaal Yahas <gaal@google.com>

Gabrel Arthr Ptursson <gabriel@system.is>

Gabriel Aszalos <gabriel.aszalos@gmail.com>

Gabriel Guzman < gabe.guzman@gmail.com>

Gabriel Nelle <tehsphinx@web.de>

Gabriel Nicolas Avellaneda <avellaneda.gabriel@gmail.com>

Gabriel Rosenhouse <rosenhouse@gmail.com>

Gabriel Russell <gabriel.russell@gmail.com>

Gabriel Vasile <gabriel.vasile0793@gmail.com>

Gareth Paul Jones <gpj@foursquare.com>

Garret Kelly <gdk@google.com>

Garrick

Evans <garrick@google.com>

Garry McNulty <garrmcnu@gmail.com>

Gary Burd <gary@beagledreams.com> <gary.burd@gmail.com> Gary Elliott <garyelliott@google.com> Gaurav Singh <gaurav1086@gmail.com> Gaurish Sharma <contact@gaurishsharma.com> Gautham Thambidorai <gautham.dorai@gmail.com> Gauthier Jolly <gauthier.jolly@gmail.com> Gawen Arab <gawen.arab@c.zen.ly> Geert-Johan Riemer <gjr19912@gmail.com> Genevieve Luyt <genevieve.luyt@gmail.com> Gengliang Wang <a href="mailto:com">changliang <a href="mailto:com">changlia Geoff Berry <gberry.qdt@qualcommdatacenter.com> Geoffroy Lorieux <lorieux.g@gmail.com> Geon Kim < geon0250@gmail.com> Georg Reinke < guelfey@gmail.com> George Gkirtsou <ggirtsou@gmail.com> George Hartzell <a href="mailto:hartzell@alerce.com">hartzell@alerce.com</a> George Looshch <looshch@loosh.ch> George Shammas <george@shamm.as> <georgyo@gmail.com> George Tsilias <tsiliasg@gmail.com> Gerasimos (Makis) Maropoulos <kataras2006@hotmail.com> Gerasimos Dimitriadis < gedimitr@gmail.com> Gergely Brautigam <skarlso777@gmail.com> Gernot Vormayr < gvormayr@gmail.com> Gert Cuykens < gert.cuykens@gmail.com> Getulio Snchez <valentin2507@gmail.com> Ghazni Nattarshah < ghazni.nattarshah@gmail.com> Gianguido Sora` <g.sora4@gmail.com> Gideon Jan-Wessel Redelinghuys <gjredelinghuys@gmail.com> Giles Lean < giles.lean@pobox.com> Giovanni Bajo <rasky@develer.com> GitHub User @180909 (70465953) <734461790@qq.com> GitHub User @6543 (24977596) <6543@obermui.de> GitHub User @aca (50316549) <acadx0@gmail.com> GitHub User @ajnirp (1688456) <ajnirp@users.noreply.github.com> GitHub User @ajz01 (4744634) <ajzdenek@gmail.com> GitHub User @alkesh26 (1019076) <alkesh26@gmail.com> GitHub User @andig (184815) < cpuidle @gmx.de> GitHub User @andrius4669 (4699695) <andrius4669@gmail.com> GitHub User @as (8127015) <as.utf8@gmail.com> GitHub User @bakape (7851952) <bakape@gmail.com> GitHub User @bgadrian (830001) <aditza8@gmail.com>

```
GitHub User @cncal (23520240) <flycalvin@qq.com>
GitHub User @DQNEO (188741) <dqneoo@gmail.com>
GitHub User @Dreamacro (8615343) <chuainian@gmail.com>
GitHub User @dupoxy (1143957) <dupoxy@users.noreply.github.com>
GitHub User @EndlessCheng (7086966) <loli.con@qq.com>
GitHub User @erifan (31343225) <eric.fang@arm.com>
GitHub User @esell (9735165) <eujon.sellers@gmail.com>
GitHub User @fatedier (7346661) <fatedier@gmail.com>
GitHub User @frennkie (6499251) <mail@rhab.de>
GitHub User @geedchin (11672310) < geedchin@gmail.com>
GitHub User @GrigoriyMikhalkin (3637857) < grigoriymikhalkin@gmail.com>
GitHub User @Gusted (25481501) <williamzijl7@hotmail.com>
GitHub User @hengwu0 (41297446) <41297446+hengwu0@users.noreply.github.com>
GitHub User @hitzhangjie (3725760) <hit.zhangjie@gmail.com>
GitHub User @hkhere (33268704) <33268704+hkhere@users.noreply.github.com>
GitHub User
@hopehook (7326168) <hopehook.com@gmail.com>
GitHub User @hqpko (13887251) <whaibin01@hotmail.com>
GitHub User @Illirgway (5428603) <illirgway@gmail.com>
GitHub User @itchyny (375258) <itchyny@hatena.ne.jp>
GitHub User @jinmiaoluo (39730824) <jinmiaoluo@icloud.com>
GitHub User @jopbrown (6345470) <msshane2008@gmail.com>
GitHub User @kazyshr (30496953) <kazyshr0301@gmail.com>
GitHub User @kc1212 (1093806) <kc1212@users.noreply.github.com>
GitHub User @komisan19 (18901496) <komiyama6219@gmail.com>
GitHub User @korzhao (64203902) <korzhao95@gmail.com>
GitHub User @Kropekk (13366453) <kamilkropiewnicki@gmail.com>
GitHub User @lgbgbl (65756378) <lgbgbl@qq.com>
GitHub User @lhl2617 (33488131) <l.h.lee2617@gmail.com>
GitHub User @linguohua (3434367) <lghchinaidea@gmail.com>
GitHub User @lloydchang (1329685) < lloydchang @gmail.com>
GitHub User @LotusFenn (13775899) <fenn.lotus@gmail.com>
GitHub User @luochuanhang (96416201) <chuanhangluo@gmail.com>
GitHub User @ly303550688 (11519839) <yang.liu636@gmail.com>
GitHub
User @madiganz (18340029) < zacharywmadigan@gmail.com>
GitHub User @maltalex (10195391) < code @bit48.net>
GitHub User @markruler (38225900) <csu0414@gmail.com>
GitHub User @Matts966 (28551465) <Matts966@users.noreply.github.com>
GitHub User @micnncim (21333876) <micnncim@gmail.com>
GitHub User @mkishere (224617) <224617+mkishere@users.noreply.github.com>
GitHub User @nu50218 (40682920) <nu_ll@icloud.com>
GitHub User @OlgaVlPetrova (44112727) <OVPpetrova@gmail.com>
GitHub User @pierwill (19642016) <pierwill@users.noreply.github.com>
GitHub User @pityonline (438222) <pityonline@gmail.com>
GitHub User @po3rin (29445112) <abctail30@gmail.com>
GitHub User @pokutuna (57545) <popopopopokutuna@gmail.com>
GitHub User @povsister (11040951) <pov@mahou-shoujo.moe>
```

```
GitHub User @pytimer (17105586) < lixin20101023@gmail.com>
GitHub User @qcrao (7698088) <qcrao91@gmail.com>
GitHub User @ramenjuniti (32011829) <ramenjuniti@gmail.com>
GitHub User @renthraysk (30576707) <renthraysk@gmail.com>
GitHub
User @roudkerk (52280478) <roudkerk@google.com>
GitHub User @saitarunreddy (21041941) <saitarunreddypalla@gmail.com>
GitHub User @SataQiu (9354727) <shidaqiu2018@gmail.com>
GitHub User @seifchen (23326132) < chenxuefeng 1207@gmail.com>
GitHub User @shogo-ma (9860598) < Choroma 194@gmail.com>
GitHub User @sivchari (55221074) <shibuuuu5@gmail.com>
GitHub User @skanehira (7888591) <sho19921005@gmail.com>
GitHub User @soolaugust (10558124) <soolaugust@gmail.com>
GitHub User @surechen (7249331) <surechen17@gmail.com>
GitHub User @syumai (6882878) <syumai@gmail.com>
GitHub User @tangxi666 (48145175) <tx1275044634@gmail.com>
GitHub User @tatsumack (4510569) <tatsu.mack@gmail.com>
GitHub User @tell-k (26263) <ffk2005@gmail.com>
GitHub User @tennashi (10219626) <tennashio@gmail.com>
GitHub User @uhei (2116845) <uhei@users.noreply.github.com>
GitHub User @uji (49834542) <ujiprog@gmail.com>
GitHub User @unbyte (5772358) <i@shangyes.net>
GitHub User @uropek (39370426) <uropek@gmail.com>
GitHub
User @utkarsh-extc (53217283) <utkarsh.extc@gmail.com>
GitHub User @witchard (4994659) <witchard@hotmail.co.uk>
GitHub User @wmdngngng (22067700) <wangmingdong@gmail.com>
GitHub User @wolf1996 (5901874) <ksgiv37@gmail.com>
GitHub User @yah01 (12216890) < kagaminehuan@gmail.com>
GitHub User @yuanhh (1298735) <yuan415030@gmail.com>
GitHub User @zikaeroh (48577114) <zikaeroh@gmail.com>
GitHub User @ZZMarquis (7624583) <zhonglingjian3821@163.com>
Giulio Iotti <dullgiulio@gmail.com>
Giulio Micheloni < giulio.micheloni@gmail.com>
Giuseppe Valente <gvalente@arista.com>
Gleb Stepanov <glebstepanov1992@gmail.com>
Glenn Brown <glennb@google.com>
Glenn Lewis <gmlewis@google.com>
Gordon Klaus <gordon.klaus@gmail.com>
Gordon Tyler <gordon@doxxx.net>
Grace Han <hgrace503@gmail.com>
Graham King <graham4king@gmail.com>
Graham Miller < graham.miller@gmail.com>
Grant Griffiths <ggp493@gmail.com>
Green Lightning < GreenLightning.git@googlemail.com>
Greg Poirier < greg.istehbest@gmail.com>
Greg Steuck
```

<gnezdo+github@google.com>

Greg Thelen <gthelen@google.com>

Greg Ward < greg@gerg.ca>

Grgoire Delattre <gregoire.delattre@gmail.com>

Gregory Man <man.gregory@gmail.com>

Gregory Petrosyan <gregory.petrosyan@gmail.com>

Guilherme Caruso < gui.martinscaruso@gmail.com>

Guilherme Garnier < guilherme.garnier@gmail.com>

Guilherme Goncalves < guilhermeaugustosg@gmail.com>

Guilherme Rezende < guilhermebr@gmail.com>

Guilherme Souza <32180229+gqgs@users.noreply.github.com>

Guillaume Blaquiere < guillaume.blaquiere@gmail.com>

Guillaume J. Charmes < guillaume@charmes.net>

Guillaume Sottas < guillaumesottas@gmail.com>

Gnther Noack <gnoack@google.com>

Guobiao Mei <meiguobiao@gmail.com>

Guodong Li <guodongli@google.com>

Guoliang Wang <iamwgliang@gmail.com>

Guoqi Chen <chenguoqi@loongson.cn>

Gustav Paul <gustav.paul@gmail.com>

Gustav Westling <gustav@westling.xyz>

Gustavo Franco < gustavor franco @ gmail.com>

Gustavo Niemeyer <gustavo@niemeyer.net> <n13m3y3r@gmail.com>

Gwenael Treguier < gwenn.kahz@gmail.com>

Gyu-Ho

Lee <gyuhox@gmail.com>

H. brahim Gngr <igungor@gmail.com>

Hajime Hoshi <a href="mailto:hajimehoshi@gmail.com">hajimehoshi@gmail.com</a>

 $Hall grimur\ Gunnarsson < halg@google.com >$ 

HAMANO Tsukasa <hamano@osstech.co.jp>

Han-Wen Nienhuys <hanwen@google.com>

Hang Qian <a href="mailto:hangqian90@gmail.com">hangqian90@gmail.com</a>

Hanjun Kim <hallazzang@gmail.com>

Hanlin He <hanling.he@gmail.com>

Hanlin Shi <shihanlin9@gmail.com>

Hans Nielsen <a href="mailto:hans@stackallocated.com">hans@stackallocated.com</a>

Hao Mou <mouhao.mu@gmail.com>

Haoran Luo <a href="mailto:com/">haoran.luo@chaitin.com/</a>

Haosdent Huang <a href="mailto:haosdent@gmail.com">haosdent@gmail.com</a>

Harald Nordgren <a href="mailto:haraldnordgren@gmail.com">haraldnordgren@gmail.com</a>

Hari haran <hariharan.uno@gmail.com>

Hariharan Srinath <srinathh@gmail.com>

 $Harley\ Laue\ < losing generation @gmail.com >$ 

Harry Moreno <morenoh149@gmail.com>

Harshavardhana < hrshvardhana@gmail.com >

Hasan Ozgan <hasan@ozgan.net>

Hasit Bhatt <hasit.p.bhatt@gmail.com>

Hauke Lffler <a href="mailto:local">hloeffler@users.noreply.github.com</a>

Hvard Haugen <a href="mailto:haugen@gmail.com">haugen@gmail.com</a>

He Liu liulonnie@gmail.com>

Hector Chu <hectorchu@gmail.com>

Hector Martin Cantero <hector@marcansoft.com>

Hein Khant

Zaw <heinkhantzaw1@gmail.com>

Henning Schmiedehausen <henning@schmiedehausen.org>

Henrik Edwards <a href="mailto:henrik.edwards@gmail.com">henrik.edwards@gmail.com</a>

Henrik Hodne <henrik@hodne.io>

Henrique Vicente <a href="mailto:kenriquevicente@gmail.com">henrique Vicente <a href="mailto:kenriquevicente@gmail.com">henrique Vicente <a href="mailto:kenriquevicente@gmail.com">henriquevicente@gmail.com</a>

Henry Adi Sumarto <a href="mailto:kenry.adisumarto@gmail.com">henry.adisumarto@gmail.com</a>

Henry Bubert <google@mindeco.de>

Henry Chang <mr.changyuheng@gmail.com>

Henry Clifford < h.a.clifford@gmail.com>

Henry Wong < liushuai.wang@elastic.co>

Herbert Georg Fischer <a href="mailto:herbert.fischer@gmail.com">herbert.fischer@gmail.com</a>

Herbie Ong <herbie@google.com>

Heschi Kreinick <heschi@google.com>

Hidetatsu Yaginuma <ygnmhdtt@gmail.com>

Hilko Bengen <br/> <br/> bengen@hilluzination.de>

Himanshu Kishna Srivastava <28himanshu@gmail.com>

Hiroaki Nakamura <hnakamur@gmail.com>

Hiromichi Ema <ema.hiro@gmail.com>

Hironao OTSUBO <motemen@gmail.com>

Hiroshi Ioka <hirochachacha@gmail.com>

Hitoshi Mitake <mitake.hitoshi@gmail.com>

Holden Huang < ttyh061@gmail.com>

Hong Ruiqi <a href="mailto:kongruiqi@gmail.com">hong Ruiqi <a href="mailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmailto:kongruiqi@gmail

Hongfei Tan <feilengcui008@gmail.com>

Horacio Duran <a href="mailto:duran@gmail.com">horacio.duran@gmail.com</a>

Horst Rutter < hhrutter@gmail.com>

Hossein

Sheikh Attar <a href="mailto:hattar@google.com">hattar@google.com</a>

Hossein Zolfi <a href="mailto:kossein.zolfi@gmail.com">kossein.zolfi@gmail.com</a>

Howard Zhang <a href="mailto:howard.zhang@arm.com">howard.zhang@arm.com</a>

Hsin Tsao <tsao@google.com>

Hsin-Ho Yeh <yhh92u@gmail.com>

Hu Keping <a href="mailto:hukeping@huawei.com">hukeping@huawei.com</a>

Huan Du <i@huandu.me>

Hugues Bruant < hugues.bruant@gmail.com>

Huy Le <huy.dinh.le.89@gmail.com>

Hyang-Ah Hana Kim <hakim@google.com> <hyangah@gmail.com>

Hyoyoung Chang <a href="mailto:hyoyoung@gmail.com">hyoyoung@gmail.com</a>

Ian Cottrell <i ancottrell@google.com>

Ian Davis <nospam@iandavis.com>

Ian Gudger <ian@loosescre.ws>

Ian Haken <ihaken@netflix.com>

Ian Kent <iankent85@gmail.com>

Ian Lance Taylor <iant@golang.org>

Ian Leue <ian@appboy.com>

Ian Mckay <iann0036@gmail.com>

Ian Tay <iantay@google.com>

Ian Zapolsky <ianzapolsky@gmail.com>

Ibrahim AshShohail <ibra.sho@gmail.com>

Icarus Sparry <golang@icarus.freeuk.com>

Iccha Sethi <icchasethi@gmail.com>

Ichinose Shogo <shogo82148@gmail.com>

Idora Shinatose <idora.shinatose@gmail.com>

Ignacio Hagopian <jsign.uy@gmail.com>

Igor Bernstein <igorbernstein@google.com>

Igor

Bolotnikov <igor.v.bolotnikov@gmail.com>

Igor Dolzhikov <br/> <br/> sriverz@gmail.com>

Igor Vashyst <ivashyst@gmail.com>

Igor Zhilianin <igor.zhilianin@gmail.com>

Ikko Ashimine <eltociear@gmail.com>

Illya Yalovyy <yalovoy@gmail.com>

Ilya Chukov <56119080+Elias506@users.noreply.github.com>

Ilya Mateyko <me@astrophena.name>

Ilya Sinelnikov <sidhmangh@gmail.com>

Ilya Tocar <ilya.tocar@intel.com>

INADA Naoki <songofacandy@gmail.com>

Inanc Gumus <m@inanc.io>

Ingo Gottwald <in.gottwald@gmail.com>

Ingo Krabbe <i krabbe.ask@gmail.com>

Ingo Oeser <nightlyone@googlemail.com> <nightlyone@gmail.com>

Ioannis Georgoulas < geototti21@hotmail.com>

Irbe Krumina <irbekrm@gmail.com>

Irfan Sharif <irfanmahmoudsharif@gmail.com>

Irieda Noboru <irieda@gmail.com>

Isaac Ardis <isaac.ardis@gmail.com>

Isaac Wagner <ibw@isaacwagner.me>

Isfan Azhabil <isfanazhabil@gmail.com>

Iskander Sharipov <iskander.sharipov@intel.com> <quasilyte@gmail.com>

Issac Trotts <issactrotts@google.com>

Ivan Babrou <ivan@cloudflare.com>

Ivan

Bertona <ivan.bertona@gmail.com>

Ivan Krasin <a href="mailto:krasin@golang.org">krasin@golang.org</a>

Ivan Kutuzov <arbrix@gmail.com>

Ivan Markin <sw@nogoegst.net>

Ivan Moscoso <moscoso@gmail.com>

Ivan Osadchiy <ivan.osadchii@gmail.com>

Ivan Sharavuev <shpiwan@gmail.com>

Ivan Trubach <mr.trubach@icloud.com>

Ivan Ukhov <ivan.ukhov@gmail.com>

```
Ivy Evans <ivy@ivyevans.net>
Jaana Burcu Dogan <jbd@google.com> <jbd@golang.org> <burcujdogan@gmail.com>
Jaap Aarts < jaap.aarts 1@gmail.com>
Jack Britton < jackxbritton@gmail.com>
Jack Lindamood <ilindamo@justin.tv>
Jack You <jamesyou@google.com>
Jacob Baskin < jbaskin@google.com>
Jacob Blain Christen <dweomer5@gmail.com>
Jacob H. Haven < jacob@cloudflare.com>
Jacob Hoffman-Andrews < github@hoffman-andrews.com>
Jacob Walker < jacobwalker 0814@gmail.com>
Jaden Teng <long.asyn@gmail.com>
Jae Kwon <jae@tendermint.com>
Jake B <doogie1012@gmail.com>
Jake Ciolek <jakub@ciolek.dev>
Jakob Borg <jakob@nym.se>
Jakob Weisblat <jakobw@mit.edu>
Jakub ajka <jcajka@redhat.com>
Jakub Kaczmarzyk <jakubk@mit.edu>
Jakub
Ryszard Czarnowicz < j.czarnowicz@gmail.com>
Jakub Warczarek < jakub.warczarek@gmail.com>
Jamal Carvalho < jamal.a.carvalho@gmail.com>
James Aguilar < jaguilar@google.com>
James Bardin < j.bardin@gmail.com>
James Chacon < jchacon@google.com>
James Clarke < irtc27@jrtc27.com>
James Cowgill < James. Cowgill@imgtec.com>
James Craig Burley <james-github@burleyarch.com>
James David Chalfant <james.chalfant@gmail.com>
James Eady <jmeady@google.com>
James Fennell < jpfennell@google.com>
James Fysh <james.fysh@gmail.com>
James Gray <james@james4k.com>
James Harris <mailjamesharris@gmail.com>
James Hartig <fastest963@gmail.com>
James Kasten < jdkasten@google.com>
James Lawrence <jljatone@gmail.com>
James Meneghello <rawrz0r@gmail.com>
James Myers <ifmyers9@gmail.com>
James Naftel <james.naftel@gmail.com>
James Neve <jamesoneve@gmail.com>
James Nugent <james@jen20.com>
```

Open Source Used in vmoperator darwin 109

James P. Cooper <jamespcooper@gmail.com>

James Schofield <james@shoeboxapp.com>

James

James Robinson < jamesr@google.com> < jamesr.gatech@gmail.com>

Smith <jrs1995@icloud.com>

James Sweet <james.sweet88@googlemail.com>

James Toy <nil@opensesame.st>

James Treanor < jtreanor 3@gmail.com>

James Tucker <raggi@google.com>

James Whitehead <jnwhiteh@gmail.com>

Jamie Beverly <jamie.r.beverly@gmail.com>

Jamie Gennis <jgennis@google.com> <jgennis@gmail.com>

Jamie Kerr < jkerr 113@googlemail.com>

Jamie Liu <jamieliu@google.com>

Jamie Stackhouse < contin673@gmail.com>

Jamie Turner <jamwt@dropbox.com>

Jamie Wilkinson < jaq@spacepants.org>

Jamil Djadala <djadala@gmail.com>

Jan Berktold < jan@berktold.co>

Jan H. Hosang < jan.hosang@gmail.com>

Jan Kratochvil < jan.kratochvil@redhat.com>

Jan Lehnardt < jan@apache.org>

Jan Mercl <0xjnml@gmail.com> <befelemepeseveze@gmail.com>

Jan Newmarch < jan.newmarch@gmail.com>

Jan Pilzer < jan.pilzer@gmx.de>

Jan Steinke <jan.steinke@gmail.com>

Jan Ziak <0xe2.0x9a.0x9b@gmail.com>

Jani Monoses < jani.monoses@ubuntu.com> < jani.monoses@gmail.com>

Jannis Andrija Schnitzer < jannis@schnitzer.im>

Jared Allard

<jaredallard@users.noreply.github.com>

Jared Culp <jculp14@gmail.com>

Jaroslavas Poepko < jp@webmaster.ms>

Jason A. Donenfeld <Jason@zx2c4.com>

Jason Baker <jason-baker@users.noreply.github.com>

Jason Barnett < jason.w.barnett@gmail.com>

Jason Buberel <jbuberel@google.com>

Jason Chu < jasonchujc@gmail.com>

Jason Del Ponte <delpontej@gmail.com>

Jason Hall <jasonhall@google.com>

Jason Keene <jasonkeene@gmail.com>

Jason LeBrun <jblebrun@gmail.com>

Jason Smale <jsmale@zendesk.com>

Jason Travis <infomaniac7@gmail.com>

Jason Wangsadinata < jwangsadinata@gmail.com>

Javier Kohen <jkohen@google.com>

Javier Revillas <a href="mailto:revillas@massivedynamic.io">revillas@massivedynamic.io</a>

Javier Segura <javism@gmail.com>

Jay Chen <chenjie@chenjie.info>

Jay Conrod < jayconrod@google.com>

Jay Lee <BusyJayLee@gmail.com>

Jay Taylor <outtatime@gmail.com>

Jay Weisskopf <jay@jayschwa.net>

Jean de Klerk <deklerk@google.com>

Jean-Andr Santoni < jean.andre.santoni@gmail.com>

Jean-Franois Bustarret < jf@bustarret.com>

Jean-Francois Cantin < jfcantin@gmail.com>

Jean-Hadrien

Chabran < jh@chabran.fr>

Jean-Marc Eurin < jmeurin@google.com>

Jean-Nicolas Moal < jn.moal@gmail.com>

Jed Denlea < jed@fastly.com>

Jdrzej Szczepaniak <jbszczepaniak@gmail.com>

Jeet Parekh <jeetparekh96@gmail.com>

Jeevanandam M < jeeva@myjeeva.com>

Jeff (Zhefu) Jiang <jeffjiang@google.com>

Jeff Craig < jeffcraig@google.com>

Jeff Dupont <jeff.dupont@gmail.com>

Jeff Hodges <jeff@somethingsimilar.com>

Jeff Johnson <jrjohnson@google.com>

Jeff R. Allen <jra@nella.org> <peff.allen@gmail.com>

Jeff Sickel <jas@corpus-callosum.com>

Jeff Wendling <jeff@spacemonkey.com>

Jeff Wentworth < j.wentworth@gmail.com>

Jeff Widman < jeff@jeffwidman.com>

Jeffrey H < jeffreyh192@gmail.com>

Jelte Fennema <github-tech@jeltef.nl>

Jens Frederich < jfrederich@gmail.com>

Jeremiah Harmsen < jeremiah@google.com>

Jeremy Banks <\_@jeremy.ca>

Jeremy Canady < jcanady@gmail.com>

Jeremy Faller < jeremy@golang.org>

Jeremy Jackins < jeremyjackins@gmail.com>

Jeremy Jay <jeremy@pbnjay.com>

Jeremy Schlatter < jeremy.schlatter@gmail.com>

Jero

Bado <tokidokitalkyou@gmail.com>

Jeroen Bobbeldijk <jerbob92@gmail.com>

Jeroen Simonetti < jeroen@simonetti.nl>

Jrme Doucet <jerdct@gmail.com>

Jerrin Shaji George <jerrinsg@gmail.com>

Jess Frazelle <me@jessfraz.com>

Jesse Szwedko <jesse.szwedko@gmail.com>

Jess Espino <jespinog@gmail.com>

Jia Zhan <jzhan@uber.com>

Jiacai Liu <jiacai 2050@gmail.com>

Jiahao Lu <lujjjh@gmail.com>

Jiahua Wang <wjh180909@gmail.com>

Jianing Yu <jnyu@google.com>

Jianqiao Li <jianqiaoli@google.com>

Jiayu Yi <yijiayu@gmail.com>

Jie Ma <jienius@outlook.com>

Jihyun Yu <yjh0502@gmail.com>

Jim Cote < jfcote87@gmail.com>

Jim Kingdon <jim@bolt.me>

Jim McGrath <jimmc2@gmail.com>

Jim Minter < iminter@redhat.com>

Jimmy Frasche <soapboxcicero@gmail.com>

Jimmy Zelinskie <jimmyzelinskie@gmail.com>

Jin-wook Jeong <jeweljar@hanmail.net>

Jingcheng Zhang <diogin@gmail.com>

Jingguo Yao <yaojingguo@gmail.com>

Jingnan Si <jingnan.si@gmail.com>

Jinkun Zhang <franksnolf@gmail.com>

Jinwen Wo <wojinwen@huawei.com>

Jiong Du

<londevil@gmail.com>

Jirka Dank <dnk@mail.muni.cz>

Jiulong Wang <jiulongw@gmail.com>

Joakim Sernbrant <serbaut@gmail.com>

Jochen Weber < jochen.weber80@gmail.com>

Joe Bowbeer < joe.bowbeer@gmail.com>

Joe Cortopassi <joe@joecortopassi.com>

Joe Farrell < joe2farrell@gmail.com>

Joe Harrison < joehazzers@gmail.com>

Joe Henke <joed.henke@gmail.com>

Joe Kyo <xunianzu@gmail.com>

Joe Poirier < jdpoirier@gmail.com>

Joe Richey <joerichey@google.com>

Joe Shaw <joe@joeshaw.org>

Joe Sylve <joe.sylve@gmail.com>

Joe Tsai <joetsai@digital-static.net>

Joel Courtney <euphemize@gmail.com>

Joel Ferrier < joelferrier@google.com>

Joel Sing <joel@sing.id.au> <jsing@google.com>

Jol Stemmer < jstemmer@google.com>

Joel Stemmer < stemmertech@gmail.com>

Joey Geiger < jgeiger@users.noreply.github.com>

Johan Brandhorst < johan.brandhorst@gmail.com>

Johan Euphrosine cproppy@google.com>

Johan Jansson < johan.jansson@iki.fi>

Johan Knutzen <johan@senri.se>

Johan Sageryd <j@1616.se>

Johannes Altmanninger <aclopte@gmail.com>

**Johannes** 

Huning <johannes.huning@gmail.com>

John Asmuth < jasmuth@gmail.com>

John Bampton < jbampton@gmail.com>

John Beisley <huin@google.com>

John C Barstow <jbowtie@amathaine.com>

John DeNero <denero@google.com>

John Dethridge <jcd@golang.org>

John Gibb <johngibb@gmail.com>

John Gilik <john@jgilik.com>

John Graham-Cumming <jgc@jgc.org> <jgrahamc@gmail.com>

John Howard Palevich < jack.palevich@gmail.com>

John Jago <johnjago@protonmail.com>

John Jeffery <jjeffery@sp.com.au>

John Jenkins <twodopeshaggy@gmail.com>

John Kelly <jkelly@squarespace.com>

John Leidegren < john.leidegren@gmail.com>

John McCabe <john@johnmccabe.net>

John Moore <johnkenneth.moore@gmail.com>

John Newlin < jnewlin@google.com>

John Olheiser < john.olheiser@gmail.com>

John Papandriopoulos < jpap.code@gmail.com>

John Potocny <johnp@vividcortex.com>

John R. Lenton < jlenton@gmail.com>

John Schnake <schnake.john@gmail.com>

John Shahid < jvshahid@gmail.com>

John Tuley <john@tuley.org>

John Weldon < johnweldon 4@gmail.com>

Johnny Luo <johnnyluo1980@gmail.com>

Jon

Chen < jchen@justin.tv>

Jon Johnson <jonjohnson@google.com>

Jonas Bernoulli < jonas@bernoul.li>

Jonathan Albrecht <jonathan.albrecht@ibm.com>

Jonathan Allie <jonallie@google.com>

Jonathan Amsterdam <jba@google.com>

Jonathan Boulle <jonathanboulle@gmail.com>

Jonathan Chen <a href="mailto:dijonkitchen@users.noreply.github.com">dijonkitchen@users.noreply.github.com</a>

Jonathan Feinberg <feinberg@google.com>

Jonathan Gold <jgold.bg@gmail.com>

Jonathan Hseu <jhseu@google.com>

Jonathan Mark < jhmark@xenops.com> < jhmark000@gmail.com>

Jonathan Nieder <jrn@google.com>

Jonathan Pentecost <pentecostjonathan@gmail.com>

Jonathan Pittman < jmpittman@google.com> < jonathan.mark.pittman@gmail.com>

Jonathan Rudenberg <jonathan@titanous.com>

Jonathan Stacks < jonstacks13@gmail.com>

Jonathan Swinney <jswinney@amazon.com>

Jonathan Wills <runningwild@gmail.com>

Jonathon Lacher < jonathon.lacher@gmail.com>

Jongmin Kim <atomaths@gmail.com>

Joonas Kuorilehto <joneskoo@derbian.fi>

Joop Kiefte <ikojba@gmail.com> <joop@kiefte.net> Jordan Christiansen <xordspar0@gmail.com> Jordan Krage <jmank88@gmail.com> Jordan Lewis <jordanthelewis@gmail.com> Jordan Liggitt < liggitt@google.com>

Jordan Rhee < jordanrh@microsoft.com>

Jordan Rupprecht <rupprecht@google.com>

Jordi Martin <jordimartin@gmail.com>

Jorge Araya <jorgejavieran@yahoo.com.mx>

Jorge L. Fatta <jorge.fatta@auth0.com>

Jorge Troncoso < jatron@google.com>

Jos Visser <josv@google.com>

Josa Gesell <josa@gesell.me>

Jose Luis Vzquez Gonzlez <josvazg@gmail.com>

Joseph Bonneau <jcb@google.com>

Joseph Holsten <joseph@josephholsten.com>

Joseph Morag <sefim96@gmail.com>

Josh Baum <joshbaum@google.com>

Josh Bleecher Snyder <josharian@gmail.com>

Josh Chorlton < jchorlton@gmail.com>

Josh Deprez <josh.deprez@gmail.com>

Josh Goebel <dreamer3@gmail.com>

Josh Hoak <jhoak@google.com>

Josh Holland <jrh@joshh.co.uk>

Josh Rickmar < irick@companyzero.com>

Josh Roppo <joshroppo@gmail.com>

Josh Varga < josh.varga@gmail.com>

Joshua Bezaleel Abednego <joshua.bezaleel@gmail.com>

Joshua Boelter < joshua.boelter@intel.com>

Joshua

Chase <jcjoshuachase@gmail.com>

Joshua Crowgey <jcrowgey@uw.edu>

Joshua Harshman <joshgreyhat@gmail.com>

Joshua M. Clulow <josh.clulow@joyent.com>

Joshua Rubin <joshua@rubixconsulting.com>

Josselin Costanzi <josselin@costanzi.fr>

Jostein Stuhaug <js@solidsystem.no>

JP Sugarbroad <jpsugar@google.com>

JT Olds <itolds@xnet5.com>

JT Olio <hello@jtolio.com>

Juan Carlos < juanjcsr@gmail.com>

Juan Pablo Civile <elementohb@gmail.com>

Jude Pereira < judebpereira@gmail.com>

Jukka-Pekka Kekkonen <karatepekka@gmail.com>

Julia Hansbrough <flowerhack@google.com>

Julian Kornberger <jk+github@digineo.de>

Julian Pastarmov <pastarmovj@google.com>

Julian Phillips < julian@quantumfyre.co.uk>

Julian Tibble <julian.tibble@gmail.com>

Julie Qiu <julie@golang.org>

Julien Kauffmann < julien.kauffmann@freelan.org>

Julien Salleyron < julien.salleyron@gmail.com>

Julien Schmidt <google@julienschmidt.com>

Julien Tant < julien@craftyx.fr>

Julio Montes < julio.montes@intel.com>

Jun Zhang <jim.zoumo@gmail.com>

Junchen

Li <junchen.li@arm.com>

Junda Liu <junda@celer.network>

Jungho Ahn <jhahn@google.com>

Junya Hayashi <ledmonster@gmail.com>

Juraj Sukop <sukop@users.noreply.github.com>

Jure Ham <jure.ham@zemanta.com>

Justin Gracenin < jgracenin@gmail.com>

Justin Li <git@justinli.net>

Justin Nu <nuss.justin@gmail.com>

Justyn Temme <justyntemme@gmail.com>

Kai Backman <kaib@golang.org>

Kai Dong <dokia2357@gmail.com>

Kai Lke <kai@kinvolk.io>

Kai Trukenmller < ktye78@gmail.com>

Kale Blankenship <kale@lemnisys.com>

Kaleb Elwert < kelwert@atlassian.com>

Kalman Bekesi <kalmanb@google.com>

Kamal Aboul-Hosn <aboulhosn@google.com>

Kamil Chmielewski <kamil.chm@gmail.com>

Kamil Kisiel <kamil@kamilkisiel.net> <kamil.kisiel@gmail.com>

 $Kamil\ Rytarowski\ {<} krytarowski\ @users.noreply.github.com{>}$ 

Kang Hu <hukangustc@gmail.com>

Kanta Ebihara <kantaebihara@gmail.com>

Karan Dhiman <karandhi@ca.ibm.com>

Karel Pazdera <pazderak@gmail.com>

Karoly Negyesi <chx1975@gmail.com>

Karsten Khler <karsten.koehler95@gmail.com>

Karthik

Nayak < karthik.188@gmail.com>

Kashav Madan <kshvmdn@gmail.com>

Kate Manson <a href="manson@izettle.com">kate.manson@izettle.com</a>

Katharine Berry < ktbry@google.com>

Katie Hockman < katie@golang.org>

Kato Kazuyoshi <kato.kazuyoshi@gmail.com>

Katrina Owen <a href="mailto:katrina.owen@gmail.com">katrina.owen@gmail.com</a>

Kaviraj Kanagaraj <kavirajkanagaraj@gmail.com>

Kay Zhu <kayzhu@google.com>

Kazuhiro Sera <seratch@gmail.com>

KB Sriram <kbsriram@google.com>

Keegan Carruthers-Smith < keegan.csmith@gmail.com>

Kei Son <hey.calmdown@gmail.com>

Keiichi Hirobe <chalenge.akane@gmail.com>

Keiji Yoshida <keijiyoshida.mail@gmail.com>

Keisuke Kishimoto <keisuke.kishimoto@gmail.com>

Keith Ball <inflatablewoman@gmail.com>

Keith Randall < khr@golang.org>

Keith Rarick < kr@xph.us>

Kelsey Hightower <kelsey.hightower@gmail.com>

Kelvin Foo Chuan Lyi <vmirage@gmail.com>

Kemal Elmizan < kemalelmizan@gmail.com>

Ken Friedenbach <kenliz@cruzio.com>

Ken Rockot <ken@oz.gs> <ken.rockot@gmail.com>

Ken Sedgwick <ken@bonsai.com>

Ken Thompson <ken@golang.org>

Kenichi

Tsunokawa <kenichi.tsunokawa@gmail.com>

Kenji Kaneda <a href="mailto:kenji.kaneda@gmail.com">kenji.kaneda@gmail.com</a>

Kenji Yano <kenji.yano@gmail.com>

Kenneth Shaw <kenshaw@gmail.com>

Kenny Grant <kennygrant@gmail.com>

Kensei Nakada <handbomusic@gmail.com>

Kenta Mori <zoncoen@gmail.com>

Kerollos Magdy <kerolloz@yahoo.com>

Ketan Parmar < ketanbparmar@gmail.com>

Kevan Swanberg <a href="mailto:kevswanberg@gmail.com">kevswanberg@gmail.com</a>

Kevin Albertson <a href="mailto:kevin.albertson@mongodb.com">kevin.albertson@mongodb.com</a>

Kevin Ballard <kevin@sb.org>

Kevin Burke < kev@inburke.com>

Kvin Dunglas <dunglas@gmail.com>

Kevin Gillette <extemporalgenome@gmail.com>

Kevin Herro < kevin 109104@gmail.com>

Kevin Kirsche <a href="mailto:kev.kirsche@gmail.com">kev.kirsche@gmail.com</a>

Kevin Klues <klueska@gmail.com> <klueska@google.com>

Kevin Malachowski <chowski@google.com>

Kevin Parsons < kevpar@microsoft.com>

Kevin Ruffin < kruffin@gmail.com>

Kevin Vu <kevin.m.vu@gmail.com>

Kevin Zita <br/> <br/> bleedgreenandgold@gmail.com>

Keyan Pishdadian < kpishdadian@gmail.com>

Keyuan Li <keyuanli123@gmail.com>

Kezhu Wang <kezhuw@gmail.com>

Khosrow Moossavi <khos2ow@gmail.com>

Kieran

Colford < kieran@kcolford.com>

Kieran Gorman < kieran.j.gorman@gmail.com>

Kim Shrier <kshrier@racktopsystems.com>

Kim Yongbin <kybinz@gmail.com>

Kir Kolyshkin <kolyshkin@gmail.com>

Kirill Korotaev < kirill x@gmail.com>

Kirill Motkov < Motkov. Kirill@gmail.com>

Kirill Smelkov < kirr@nexedi.com>

Kirill Tatchihin <kirabsuir@gmail.com>

Kirk Han < kirk91.han@gmail.com>

Kirklin McDonald < kirklin.mcdonald@gmail.com>

KJ Tsanaktsidis <a href="mailto:ktsanaktsidis@zendesk.com">ktsanaktsidis@zendesk.com</a>

Klaus Post <klauspost@gmail.com>

Kodie Goodwin <kodiegoodwin@gmail.com>

Koichi Shiraishi <zchee.io@gmail.com>

Koki Ide <niconegoto@yahoo.co.jp>

Koki Tomoshige <tomocy.dev@gmail.com>

Komu Wairagu <komuw05@gmail.com>

Konstantin < konstantin 8105@gmail.com>

Konstantin Shaposhnikov <k.shaposhnikov@gmail.com>

Koya IWAMURA <kiwamura0314@gmail.com>

Kris Kwiatkowski <kris@cloudflare.com>

Kris Nova < kris@nivenly.com>

Kris Rousey <a href="mailto:krousey@google.com">krousey@google.com</a>

Krishna Birla < krishnabirla 16@gmail.com>

Kristopher Watts <traetox@gmail.com>

Krzysztof

Dbrowski <krzysdabro@live.com>

Kshitij Saraogi <a href="mailto:kshitijsaraogi@gmail.com">kshitijsaraogi@gmail.com</a>

Kun Li < likunarmstrong@gmail.com>

Kunpei Sakai <namusyaka@gmail.com>

Kuntal Majumder <hellozee@disroot.org>

Kush Patel <a href="mailto:kush.patel@hootsuite.com">kush.patel@hootsuite.com</a>

Kyle Consalus <consalus@gmail.com>

Kyle Isom <kyle@gokyle.net>

Kyle Jones <kyle@kyledj.com>

Kyle Lemons <kyle@kylelemons.net> <kevlar@google.com>

Kyle Nusbaum <kyle@datadog.com>

Kyle Shannon <kyle@pobox.com>

Kyle Spiers <eiais@google.com>

Kyle Wood <kyle@kylewood.cc>

Kyohei Kadota < lufia@lufia.org>

Kyrylo Silin <silin@kyrylo.org>

L Campbell <unpantsu@gmail.com>

Lai Jiangshan <eag0628@gmail.com>

Lajos Papp < lalyos@yahoo.com>

Lakshay Garg < lakshay.garg.1996@gmail.com>

Lann Martin < lannm@google.com>

Lanre Adelowo <yo@lanre.wtf>

Lapo Luchini <lapo@lapo.it>

Larry Clapp <a href="mailto:larry@theclapp.org">Larry Clapp <a href="mailto:larry@theclapp.org">larry@theclapp.org</a>

Larry Hosken <a href="mailto:lahosken@golang.org">lahosken@golang.org</a>

Lars Jeppesen < jeppesen.lars@gmail.com>

Lars Lehtonen <a href="mailto:lars.lehtonen@gmail.com">lars.lehtonen@gmail.com</a>

Lars Wiegman < lars@namsral.com>

Larz Conwell <a href="mailto:com/">Larz Conwell@gmail.com/">com/</a>

Laurent

Voisin lpvoisin@gmail.com>

Laurie Clark-Michalek <laurie@qubit.com>

LE Manh Cuong <cuong.manhle.vn@gmail.com>

Lee Hinman <a href="mailto:hinman@gmail.com">hinman@gmail.com</a>

Lee Packham lpackham@gmail.com>

Lehner Florian <dev@der-flo.net>

Leigh McCulloch <leighmcc@gmail.com>

Leo Antunes <leo@costela.net>

Leo Rudberg <ljr@google.com>

Leon Klingele < git@leonklingele.de>

Leonard Wang <wangdeyu0907@gmail.com> <wangdeyu@golangcn.org>

Leonardo Comelli <leonardo.comelli@gmail.com>

Leonel Quinteros < leonel.quinteros@gmail.com>

Lev Shamardin <shamardin@gmail.com>

Lewin Bormann < lewin.bormann@gmail.com>

Lewis Waddicor <nemesismk2@gmail.com>

Li-Yu Yu <aaronyu@google.com>

Liam Haworth < liam@haworth.id.au>

Lily Chung <a href="mailto:clilkchung@gmail.com">clilkchung@gmail.com</a>

Lingchao Xin <douglarek@gmail.com>

Lion Yang eaosc.xyz>

Liz Rice < liz@lizrice.com>

Lize Cai lizzzcail@gmail.com>

Lloyd Dewolf <foolswisdom@gmail.com>

Llus Batlle i Rossell <viric@viric.name>

Lorenz Bauer < lmb@cloudflare.com>

Lorenz Brun < lorenz@brun.one>

Lorenz Nickel <mail@lorenznickel.de>

Lorenzo

Masini <rugginoso@develer.com>

Lorenzo Stoakes <a href="mailto:stoakes@gmail.com">stoakes@gmail.com</a>

Louis Kruger <louisk@google.com>

Luan Santos <cfcluan@gmail.com>

Lubomir I. Ivanov <neolit123@gmail.com>

Luca Bruno <luca.bruno@coreos.com>

Luca Greco < luca.greco@alcacoop.it>

Luca Spiller < luca@stackednotion.com>

Lucas Bremgartner < lucas.bremgartner@gmail.com>

Lucas Clemente < lclemente @google.com>

Lucien Stuker < lucien.stuker@gmail.com>

Lucio De Re <lucio.dere@gmail.com>

Ludi Rehak < ludi317@gmail.com>

Luigi Riefolo < luigi.riefolo@gmail.com>

Luit van Drongelen <luitvd@gmail.com>

Luka Zakrajek <tr00.g33k@gmail.com>

Luka Zitnik < luka.zitnik@gmail.com>

Lukasz Milewski <a href="mailewski@gmail.com">lmmilewski@gmail.com</a>

Luke Champine < luke.champine@gmail.com>

Luke Curley <qpingu@gmail.com>

Luke Granger-Brown < git@lukegb.com>

Luke Shumaker < lukeshu@datawire.io>

Luke Young <bored-engineer@users.noreply.github.com>

Luna Duclos < luna.duclos@palmstonegames.com>

Luuk van Dijk <lvd@golang.org> <lvd@google.com>

Lyle Franklin < lylejfranklin@gmail.com>

Lynn

Boger <a href="mailto:laboger@linux.vnet.ibm.com">laboger@linux.vnet.ibm.com</a>

Ma Peiqi <mapeiqi2017@gmail.com>

Maarten Bezemer <maarten.bezemer@gmail.com>

Maciej Dbski <maciejd@google.com>

Madhu Rajanna <madhupr007@gmail.com>

Magnus Hiie <magnus.hiie@gmail.com>

Mahdi Hosseini Moghaddam <seyed.mahdi.hosseini.moghaddam@ibm.com>

Maia Lee <maia.lee@leftfieldlabs.com>

Maicon Costa <maiconscosta@gmail.com>

Mak Kolybabi <mak@kolybabi.com>

Maksym Trykur <maksym.trykur@gmail.com>

Mal Curtis <mal@mal.co.nz>

Manfred Touron <m@42.am>

Manigandan Dharmalingam <manigandan.jeff@gmail.com>

Manish Goregaokar <manishsmail@gmail.com>

Manlio Perillo <manlio.perillo@gmail.com>

Manoj Dayaram <platform-dev@moovweb.com> <manoj.dayaram@moovweb.com>

Mansour Rahimi <rahimi.mnr@gmail.com>

Manu Garg <manugarg@google.com>

Manu S Ajith <neo@codingarena.in>

Manuel Mendez <mmendez534@gmail.com>

Marat Khabibullin <marat.khabibullin@jetbrains.com>

Marc Sanmiquel <marcsanmiquel@gmail.com>

Marc Weistroff <marc@weistroff.net>

Marc-Antoine Ruel <maruel@chromium.org>

Marcel

Edmund Franke <marcel.edmund.franke@gmail.com>

Marcel van Lohuizen <mpvl@golang.org>

Marcelo Cantos <marcelo.cantos@gmail.com>

Marcelo E. Magallon <marcelo.magallon@gmail.com>

Marco Gazerro <gazerro@open2b.com>

Marco Hennings <marco.hennings@freiheit.com>

Marcus Weiner <marcus.weiner@gmail.com>

Marcus Willock <crazcalm@gmail.com>

Marga Manterola <marga@google.com>

Mariano Cano <mariano@smallstep.com>

Marin Bai <marin.basic02@gmail.com>

Mario Arranz <marioarranzr@gmail.com>

Marius A. Eriksen <marius@grailbio.com>

Marius Nuennerich <mnu@google.com>

Mark Adams <mark@markadams.me>

Mark Bucciarelli <mkbucc@gmail.com>

Mark Dain <mark@markdain.net>

Mark Glines <mark@glines.org>

Mark Hansen <markhansen@google.com>

Mark Harrison <marhar@google.com>

Mark Jeffery <dandare100@gmail.com>

Mark Percival <m@mdp.im>

Mark Pulford <mark@kyne.com.au>

Mark Rushakoff <mark.rushakoff@gmail.com>

Mark Ryan <mark.d.ryan@intel.com>

Mark Severson <miquella@gmail.com>

Mark Theunissen <mark.theunissen@gmail.com>

Mark

Villacampa <m@markvillacampa.com>

Mark Wolfe <mark@wolfe.id.au>

Mark Zavislak <zavislak@google.com>

Marko Juhani Silokunnas <marko.silokunnas@gmail.com>

Marko Kevac <marko@kevac.org>

Marko Kungla <marko.kungla@gmail.com>

Marko Mikulicic <mkm@google.com>

Marko Mudrinic <mudrinic.mare@gmail.com>

Marko Tiikkaja <marko@joh.to>

Markus Duft <markus.duft@salomon.at>

Markus Sonderegger <marraison@gmail.com>

Markus Zimmermann <zimmski@gmail.com>

Marten Seemann < martenseemann@gmail.com>

Martin Asquino <martin.asquino@gmail.com>

Martin Bertschler <mbertschler@gmail.com>

Martin Garton <garton@gmail.com>

Martin Habbecke <marhab@google.com>

Martin Hamrle <martin.hamrle@gmail.com>

Martin Hoefling <martin.hoefling@gmx.de>

Martin Kreichgauer <martinkr@google.com>

Martin Kunc <martinkunc@users.noreply.github.com>

Martin Lindhe <martin.j.lindhe@gmail.com>

Martin Mhrmann <martin@golang.org> <moehrmann@google.com> <martisch@uos.de>

Martin Neubauer < m.ne@gmx.net>

Martin Olsen <github.com@martinolsen.net>

Martin

Olsson <martin@minimum.se>

Martin Probst <martin@probst.io>

Martin Sucha <anty.sk+git@gmail.com>

Martin Tournoij <martin@arp242.net>

Martins Sipenko <martins.sipenko@gmail.com>

Martynas Budrinas <mabu@google.com>

Marvin Stenger <marvin.stenger94@gmail.com>

Marwan Sulaiman <marwan.sulaiman@work.co>

Maryan Hratson <gmarik@gmail.com>

Masahiro Furudate <masahiro.furudate@gmail.com>

Masahiro Wakame < vvakame@gmail.com>

Masaki Yoshida <yoshida.masaki@gmail.com>

Masaya Watanabe <sfbgwm30@gmail.com>

Mat Byczkowski <mbyczkowski@gmail.com>

Mat Ryer <thatmatryer@gmail.com>

Mt Gulys <mgulyas86@gmail.com>

Matej Bao <matejbaco@gmail.com>

Mateus Amin <mateus.amin@gmail.com>

Mateusz Czapliski <czapkofan@gmail.com>

Matheus Alcantara <matheusssilv97@gmail.com>

Mathias Beke < git@denbeke.be>

Mathias Hall-Andersen <mathias@hall-andersen.dk>

Mathias Leppich <mleppich@muhqu.de>

Mathieu Lonjaret <mathieu.lonjaret@gmail.com>

Mats Lidell <mats.lidell@cag.se> <mats.lidell@gmail.com>

Matt

Aimonetti <mattaimonetti@gmail.com>

Matt Blair <me@matthewblair.net>

Matt Bostock <matt@mattbostock.com>

Matt Brown <mdbrown@google.com>

Matt Dee <mdee@hioscar.com>

Matt Drollette <matt@drollette.com>

Matt Harden <matt.harden@gmail.com>

 $Matt\ Jibson<\!matt.jibson@gmail.com\!>$ 

Matt Joiner <anacrolix@gmail.com>

Matt Jones <mrjones@google.com>

Matt Juran <thepciet@gmail.com>

Matt Layher <mdlayher@gmail.com>

Matt Masurka <masurka@google.com>

Matt Pearring <br/>
<br/>
broskies@google.com>

Matt Reiferson <a href="mailto:kmreiferson@gmail.com">kmreiferson@gmail.com</a>

Matt Robenolt <matt@ydekproductions.com>

Matt Strong <mstrong1341@gmail.com>

Matt T. Proud <matt.proud@gmail.com>

 $Matt\ Williams\ <\! gh@mattyw.net\!><\! mattyjwilliams\ @gmail.com\!>$ 

Matthew Brennan < matty.brennan@gmail.com>

Matthew Broberg <matthewbbroberg@gmail.com>

Matthew Cottingham <mattcottingham@gmail.com>

Matthew Dempsky <mdempsky@google.com>

Matthew Denton <mdenton@skyportsystems.com>

Matthew Holt <Matthew.Holt+git@gmail.com>

Matthew Horsnell <matthew.horsnell@gmail.com>

Matthew

Waters < mwwaters@gmail.com>

Matthias Dtsch <matze@mdoetsch.de>

Matthias Frei <matthias.frei@inf.ethz.ch>

Matthieu Hauglustaine <matt.hauglustaine@gmail.com>

Matthieu Olivier <olivier.matthieu@gmail.com>

Matthijs Kooijman <matthijs@stdin.nl>

Mattias Appelgren <mattias@ppelgren.se>

Mauricio Alvarado <mauricio.alvarado@leftfieldlabs.com>

Max Drosdo.www <g1ran1q@gmail.com>

Max Riveiro <kavu13@gmail.com>

Max Schmitt <max@schmitt.mx>

Max Semenik <maxsem.wiki@gmail.com>

Max Ushakov <ushmax@gmail.com>

Maxim Eryomenko <moeryomenko@gmail.com>

Maxim Khitrov <max@mxcrypt.com>

Maxim Pimenov <mpimenov@google.com>

Maxim Pugachev <pugachev.mm@gmail.com>

Maxim Ushakov <ushakov@google.com>

Maxime de Roucy <maxime.deroucy@gmail.com>

Mximo Cuadros Ortiz <mcuadros@gmail.com>

Maxwell Krohn <themax@gmail.com>

Maya Rashish <maya@NetBSD.org>

Mayank Kumar < krmayankk@gmail.com>

Mehrad Sadeghi <2012.linkinpark@gmail.com>

Meir Fischer <meirfischer@gmail.com>

Meng Zhuo <mengzhuo1203@gmail.com> <mzh@golangcn.org>

Mhd

Sulhan <m.shulhan@gmail.com>

Mia Zhu < Crystal Zhu 1025 getu @gmail.com>

Micah Stetson <micah.stetson@gmail.com>

Michael Anthony Knyszek <mknyszek@google.com>

Michael Brandenburg <mbrandenburg@bolste.com>

Michael Chaten <mchaten@gmail.com>

Michael Cook <code@mdcook.net>

Michael Darakananda <pongad@google.com>

Michael Dorner <mail@michaeldorner.de>

Michael Edwards <medwards@walledcity.ca>

Michael Elkins <michael.elkins@gmail.com>

Michael Ellis <micellis@justin.tv>

Michael Fraenkel <michael.fraenkel@gmail.com>

Michael Fromberger <michael.j.fromberger@gmail.com>

Michael Gehring <mg@ebfe.org> <gnirheg.leahcim@gmail.com>

Michael Henderson <mdhender@users.noreply.github.com>

Michael Hendricks <michael@ndrix.org>

Michael Hoisie <hoisie@gmail.com>

Michael Hudson-Doyle <michael.hudson@linaro.org>

Michael Kasch <michael.kasch@gmail.com>

Michael Kufl <golang@c.michael-kaeufl.de>

Michael Kelly <mjk@google.com>

Michal Lvesque-Dion <mlevesquedion@google.com>

Michael Lewis <mikelikespie@gmail.com>

Michael

MacInnis < Michael.P.MacInnis@gmail.com>

Michael Marineau <michael.marineau@coreos.com>

Michael Matloob <matloob@google.com>

Michael McConville <momcconville@gmail.com>

Michael McGreevy <mcgreevy@golang.org>

Michael McLoughlin <mmcloughlin@gmail.com>

Michael Munday <mike.munday@ibm.com>

Michael Pearson <mipearson@gmail.com>

Michael Piatek <piatek@google.com>

Michael Pratt <mpratt@google.com>

Michael Schaller < michael @ 5challer.de>

Michael Schurter <michael.schurter@gmail.com>

Michael Shields <mshields@google.com>

Michael Stapelberg <michael@stapelberg.de> <mstplbrg@googlemail.com>

Michael Steinert <mike.steinert@gmail.com>

Michael T. Jones <mtj@google.com> <michael.jones@gmail.com>

Michael Teichgrber <mteichgraeber@gmx.de> <mt4swm@googlemail.com>

Michael Traver <mtraver@google.com>

Michael Vetter < g.bluehut@gmail.com>

Michael Vogt <mvo@ubuntu.com>

Michail Kargakis <mkargaki@redhat.com>

Michal Bohuslvek <mbohuslavek@gmail.com>

Michal Cierniak < cierniak @google.com>

Micha Derkacz <ziutek@lnet.pl>

Michal

Franc < lam.michal.franc@gmail.com>

Michal Hruby <michal@axiom.co>

Micha owicki <mlowicki@gmail.com>

Michal Pristas <michal.pristas@gmail.com>

Michal Rostecki <mrostecki@suse.de>

Michal Stokluska <mstoklus@redhat.com>

Michalis Kargakis <michaliskargakis@gmail.com>

Michel Lespinasse <walken@google.com>

Michel Levieux <mlevieux42@gmail.com>

Michele Di Pede <michele.di.pede@gmail.com>

Mickael Kerjean <mickael.kerjean@gmail.com>

Mickey Reiss <mickeyreiss@gmail.com>

Miek Gieben <miek@miek.nl> <remigius.gieben@gmail.com>

Miguel Acero <acero@google.com>

Miguel Mendez <stxmendez@gmail.com>

Miguel Molina <hi@mvader.me>

Mihai Borobocea < Mihai Borobocea @gmail.com >

Mihai Moldovan <ionic@ionic.de>

Mihai Todor <todormihai@gmail.com>

Mihail Minaev <minaev.mike@gmail.com>

Mikael Tillenius <mikti42@gmail.com>

Mike Andrews <mra@xoba.com>

Mike Appleby <mike@app.leby.org>

Mike Danese <mikedanese@google.com>

Mike Houston <mike@kothar.net>

Mike Kabischev <a href="mailto:kabischev@gmail.com">kabischev@gmail.com</a>

Mike Rosset <mike.rosset@gmail.com>

Mike

Samuel <mikesamuel@gmail.com>

Mike Solomon <msolo@gmail.com>

Mike Strosaker <strosake@us.ibm.com>

Mike Tsao <mike@sowbug.com>

Mike Wiacek <mjwiacek@google.com>

Mikhail Faraponov <11322032+moredure@users.noreply.github.com>

Mikhail Fesenko cproggga@gmail.com>

Mikhail Gusarov <dottedmag@dottedmag.net>

Mikhail Panchenko <m@mihasya.com>

Miki Tebeka <miki.tebeka@gmail.com>

Mikio Hara <mikioh.mikioh@gmail.com>

Mikkel Krautz <mikkel@krautz.dk> <krautz@gmail.com>

Mikoaj Baranowski <mikolajb@gmail.com>

Milan Knezevic <milan.knezevic@mips.com>

Milan Patel <br/>
<br/>
dicelot3@gmail.com>

Milutin Jovanovic <jovanovic.milutin@gmail.com>

MinJae Kwon <mingrammer@gmail.com>

Miquel Sabat Sol <mikisabate@gmail.com>

Mirko Hansen <baaazen@gmail.com>

Miroslav Genov <mgenov@gmail.com>

Misty De Meo <mistydemeo@gmail.com>

Mohamed Attahri < mohamed@attahri.com>

Mohit Agarwal <mohit@sdf.org>

Mohit kumar Bajoria <mohitbajo36@gmail.com>

Mohit Verma <vmohit.93@gmail.com>

Momchil Velikov <momchil.velikov@gmail.com>

Monis

Khan <mkhan@redhat.com>

Monty Taylor <mordred@inaugust.com>

Moritz Fain <moritz@fain.io>

Moriyoshi Koizumi <mozo@mozo.jp>

Morten Siebuhr <sbhr@sbhr.dk>

Mshe van der Sterre <moshevds@gmail.com>

Mostafa Solati <mostafa.solati@gmail.com>

Mostyn Bramley-Moore <mostyn@antipode.se>

Mrunal Patel <mrunalp@gmail.com>

Muhammad Falak R Wani <falakreyaz@gmail.com>

Muhammad Hamza Farrukh < hamzafarrukh 141@gmail.com>

Muhammed Uluyol <uluyol0@gmail.com>

Muir Manders <muir@mnd.rs>

Mukesh Sharma <sharma.mukesh439@gmail.com>

Mura Li <mura\_li@castech.com.tw>

Mykhailo Lesyk <mikhail@lesyk.org>

Nahum Shalman <nahamu@gmail.com>

Naman Aggarwal <aggarwal.nam@gmail.com>

Naman Gera <namangera15@gmail.com>

Nan Deng <monnand@gmail.com>

Nao Yonashiro <owan.orisano@gmail.com>

Naoki Kanatani <k12naoki@gmail.com>

Natanael Copa <ncopa@mirantis.com>

Nate Wilkinson <nathanwilk7@gmail.com>

Nathan Cantelmo < n.cantelmo@gmail.com>

Nathan Caza <mastercactapus@gmail.com>

Nathan Dias <nathan.dias@orijtech.com>

Nathan

Fiscaletti <nathan.fiscaletti@vrazo.com>

Nathan Humphreys <nkhumphreys@gmail.com>

Nathan John Youngman <nj@nathany.com>

Nathan Otterness <otternes@cs.unc.edu>

Nathan P Finch <nate.finch@gmail.com>

Nathan VanBenschoten <nvanbenschoten@gmail.com>

Nathan Youngman < git@nathany.com>

Nathan(yinian) Hu <nathanhu@google.com>

Nathaniel Cook <nvcook42@gmail.com>

Naveen Kumar Sangi <naveenkumarsangi@protonmail.com>

Neeilan Selvalingam <neeilan96@gmail.com>

Neelesh Chandola <neelesh.c98@gmail.com>

Nehal J Wani < nehaljw.kkd1@gmail.com>

Neil Alexander < neilalexander @ neilalexander.dev>

Neil Lyons <nwjlyons@googlemail.com>

Neuman Vong <neuman.vong@gmail.com>

Neven Sajko <nsajko@gmail.com>

Nevins Bartolomeo <nevins.bartolomeo@gmail.com>

Niall Sheridan <nsheridan@gmail.com>

Nic Day <nic.day@me.com>

Nicholas Asimov <nicholas@asimov.me>

Nicholas Katsaros < nick@nickkatsaros.com>

Nicholas Maniscalco <nicholas@maniscalco.com>

Nicholas Ng <nickng@nickng.io>

Nicholas Presta <nick@nickpresta.ca> <nick1presta@gmail.com>

**Nicholas** 

Sullivan <nicholas.sullivan@gmail.com>

Nicholas Waples <nwaples@gmail.com>

Nick Anthony <Liberatys@outlook.com>

Nick Cooper <nmvc@google.com>

Nick Craig-Wood <nick@craig-wood.com> <nickew@gmail.com>

Nick Harper <nharper@google.com>

Nick Kubala < nkubala@google.com>

Nick Leli <nicholasleli@gmail.com>

Nick Miyake <nmiyake@users.noreply.github.com>

Nick Patavalis <nick.patavalis@gmail.com>

Nick Petroni <npetroni@cs.umd.edu>

Nick Robinson < nrobinson 13@gmail.com>

Nick Sherron < nsherron 90@gmail.com>

Nick Smolin <nick27surgut@gmail.com>

Nicolas BRULEZ <n.brulez@gmail.com>

Nicolas Kaiser <nikai@nikai.net>

Nicolas Owens <mischief@offblast.org>

Nicolas S. Dade <nic.dade@gmail.com>

Niek Sanders < niek.sanders@gmail.com>

Niels Widger <niels.widger@gmail.com>

Nigel Kerr < nigel.kerr@gmail.com>

Nigel Tao <nigeltao@golang.org>

Nik Nyby <nnyby@columbia.edu>

Nikhil Benesch <nikhil.benesch@gmail.com>

Nikita Gillmann <nikita@n0.is> <ng0@n0.is>

Nikita Kryuchkov <nkryuchkov 10@gmail.com>

Nikita

Melekhin <nimelehin@gmail.com>

Nikita Vanyasin <nikita.vanyasin@gmail.com>

Niklas Schnelle <niklas.schnelle@gmail.com>

Niko Dziemba <niko@dziemba.com>

Nikolay Turpitko <nikolay@turpitko.com>

Nikson Kanti Paul <nikson.sust@gmail.com>

Nils Larsgrd <nilsmagnus@gmail.com>

Nir Soffer <nirsof@gmail.com>

Niranjan Godbole <niranjan8192@gmail.com>

Nishanth Shanmugham <nishanth.gerrard@gmail.com>

Noah Campbell <noahcampbell@gmail.com>

Noah Goldman <noahg34@gmail.com>

Noah Santschi-Cooney <noah@santschi-cooney.ch>

Noble Johnson <noblepoly@gmail.com>

Nodir Turakulov <nodir@google.com>

Noel Georgi <git@frezbo.com>

Nooras Saba <saba@golang.org>

 $Norber to\ Lopes\ < nlopes.ml@gmail.com >$ 

Norman B. Lancaster <qbradq@gmail.com>

Nuno Cruces <ncruces@users.noreply.github.com>

Obei Sideg <obei.sideg@gmail.com>

Obeyda Djeffal <djefobey@gmail.com>

Odin Ugedal <odin@ugedal.com>

Oleg Bulatov <dmage@yandex-team.ru>

Oleg Vakheta <helginet@gmail.com>

Oleku Konko <oleku.konko@gmail.com>

Oling Cat <olingcat@gmail.com>

Oliver

Hookins <ohookins@gmail.com>

Oliver Powell <oliverpowell84@gmail.com>

Oliver Stenbom <ostenbom@pivotal.io>

Oliver Tan <otan@cockroachlabs.com>

Oliver Tonnhofer <olt@bogosoft.com>

Olivier Antoine <olivier.antoine@gmail.com>

Olivier Duperray <duperray.olivier@gmail.com>

Olivier Mengu <olivier.mengue@gmail.com>

Olivier Poitrey <rs@dailymotion.com>

Olivier Saingre <osaingre@gmail.com>

Olivier Wulveryck <olivier.wulveryck@gmail.com>

Omar Jarjur <ojarjur@google.com>

Onkar Jadhav <omjadhav2610@gmail.com>

Ori Bernstein <ori@eigenstate.org>

Ori Rawlings <orirawlings@gmail.com>

Oryan Moshe <iamoryanmoshe@gmail.com>

Osamu TONOMORI <osamingo@gmail.com>

Oscar Sderlund <oscar.soderlund@einride.tech>

zgr Kesim <oec-go@kesim.org>

Pablo Caderno < kaderno@gmail.com>

Pablo Lalloni <plalloni@gmail.com>

Pablo Rozas Larraondo <pablo.larraondo@anu.edu.au>

Pablo Santiago Blum de Aguiar <scorphus@gmail.com>

Padraig Kitterick <padraigkitterick@gmail.com>

Pallat Anchaleechamaikorn < yod.pallat@gmail.com>

Pan

Chenglong <1004907659@qq.com>

Panos Georgiadis <

Pantelis Sampaziotis <psampaz@gmail.com>

Paolo Giarrusso < p.giarrusso@gmail.com>

Paolo Martini <mrtnpaolo@gmail.com>

Parker Moore <parkrmoore@gmail.com>

Parminder Singh parmsingh101@gmail.com>

Pascal Dierich <pascal@pascaldierich.com>

Pascal S. de Kloe <pascal@quies.net>

Paschalis Tsilias <paschalis.tsilias@gmail.com>

Pasi Thkp <pasi.tahkapaa@gmail.com>

Pat Moroney <pat@pat.email>

Patrick Barker <br/> <br/> barkerp@vmware.com>

Patrick Crosby <patrick@stathat.com>

Patrick Gundlach <gundlach@speedata.de>

Patrick Higgins <patrick.allen.higgins@gmail.com>

Patrick Jones <ithuriel@google.com>

Patrick Lee <pattyshack101@gmail.com>

Patrick Mzard <patrick@mezard.eu>

Patrick Mylund Nielsen <patrick@patrickmn.com>

Patrick Pelletier <pp.pelletier@gmail.com>

Patrick Riley <pfr@google.com>

Patrick Smith <pat42smith@gmail.com>

Patrik Lundin <patrik@sigterm.se>

Patrik Nyblom <pnyb@google.com>

Paul

A Querna <paul.querna@gmail.com>

Paul Borman <br/> <br/> borman@google.com>

Paul Boyd <br/>
<br/>
boyd.paul2@gmail.com>

Paul Chang <paulchang@google.com>

Paul D. Weber <x0bdev@gmail.com>

Paul Davis <43160081+Pawls@users.noreply.github.com>

Paul E. Murphy <murp@ibm.com>

Paul Forgey <paulf@tessier-ashpool.net>

Paul Hammond <paul@paulhammond.org>

Paul Hankin <paulhankin@google.com>

Paul Jolly <paul@myitcv.org.uk>

Paul Lalonde <paul.a.lalonde@gmail.com>

Paul M Furley <paul@paulfurley.com>

Paul Marks pmarks@google.com>

Paul Meyer <paul.meyer@microsoft.com>

Paul Nasrat pnasrat@google.com>

Paul PISCUC <paul.piscuc@gmail.com>

Paul Querna <pquerna@apache.org>

Paul Rosania <paul.rosania@gmail.com>

Paul Ruest pruest@gmail.com>

Paul Sbarra <Sbarra.Paul@gmail.com>

Paul Smith <paulsmith@pobox.com> <paulsmith@gmail.com>

Paul Tyng <paul@paultyng.net>

Paul van Brouwershaven <paul@vanbrouwershaven.com>

Paul Wankadia <junyer@google.com>

Paulo Casaretto cpcasaretto@gmail.com>

Paulo

Gomes <paulo.gomes.uk@gmail.com>

Pavel Kositsyn.pa@phystech.edu>

Pavel Paulau <pavel.paulau@gmail.com>

Pavel Watson < watsonpavel@gmail.com>

Pavel Zinovkin <pavel.zinovkin@gmail.com>

Pavlo Sumkin < ymkins@gmail.com>

Pawel Knap <pawelknap88@gmail.com>

Pawel Szczur <filemon@google.com>

Pawe Szulik <pawel.szulik@intel.com>

Pedro Lopez Mareque <pedro.lopez.mareque@gmail.com>

Pei Xian Chee < luciolas 1991@gmail.com>

Pei-Ming Wu <p408865@gmail.com>

Pen Tree <appletree2479@outlook.com>

Peng Gao <peng.gao.dut@gmail.com>

Percy Wegmann <ox.to.a.cart@gmail.com>

Perry Abbott <perry.j.abbott@gmail.com>

Petar Dambovaliev <petar.atanasov.1987@gmail.com>

Petar Maymounkov <petarm@gmail.com>

Peter Armitage <peter.armitage@gmail.com>

Peter Bourgon <peter@bourgon.org>

Peter Collingbourne <pcc@google.com>

Peter Conerly pconerly@gmail.com>

Peter Dotchev <dotchev@gmail.com>

Peter Froehlich <peter.hans.froehlich@gmail.com>

Peter Gonda <pgonda@google.com>

Peter Hoyes <pahoyes@gmail.com>

Peter

Kleiweg <pkleiweg@xs4all.nl>

Peter McKenzie <petermck@google.com>

Peter Moody opmoody@uber.com>

Peter Morjan pmorjan@gmail.com>

Peter Mundy <go.peter.90@gmail.com>

Peter Nguyen <peter@mictis.com>

Pter Surnyi <speter.go1@gmail.com>

Pter Szab <pts@google.com>

Pter Szilgyi <peterke@gmail.com>

Peter Teichman epteichman@fastly.com>

Peter Tseng ptseng@squareup.com>

Peter Waldschmidt <peter@waldschmidt.com>

Peter Waller <peter.waller@gmail.com>

Peter Weinberger <pjw@golang.org>

Peter Williams <pwil3058@gmail.com>

Peter Wu <pwu@cloudflare.com>

Peter Zhang <i@ddatsh.com>

Petr Jedin <petr.jediny@gmail.com>

Petrica Voicu <pvoicu@paypal.com>

Phil Pearl <philip.j.r.pearl@gmail.com>

Phil Pennock <pdp@golang.org>

Philip Brgesen <philip.borgesen@gmail.com>

Philip Brown <phil@bolthole.com>

Philip Hofer <phofer@umich.edu>

Philip Nelson <me@pnelson.ca>

Philipp Sauter <sauterp@protonmail.com>

Philipp Stephani <phst@google.com>

Phillip Campbell <15082+phillc@users.noreply.github.com>

Pierre

Carru <pierre.carru@eshard.com>

Pierre Prinetti <pierreprinetti@gmail.com>

Pierre Roullon epierre.roullon@gmail.com>

Piers <google@hellopiers.pro>

Pieter Droogendijk <pieter@binky.org.uk>

Pietro Gagliardi <pietro10@mac.com>

Piyush Mishra <piyush@codeitout.com>

Plekhanov Maxim < kishtatix@gmail.com>

Poh Zi How <poh.zihow@gmail.com>

Polina Osadcha <polliosa@google.com>

Pontus Leitzler < leitzler @gmail.com>

Povilas Versockas <p.versockas@gmail.com>

Prajwal Koirala <16564273+Prajwal-Koirala@users.noreply.github.com>

Prasanga Siripala <pj@pjebs.com.au>

Pravendra Singh <a href="mailto:hackpravj@gmail.com">hackpravj@gmail.com</a>

Preetam Jinka <pj@preet.am>

Pure White <wu.purewhite@gmail.com>

Qais Patankar <qaisjp@gmail.com>

Qiuxuan Zhu <ilsh1022@gmail.com>

Quan Tran <qeed.quan@gmail.com>

Quan Yong

Zhai <qyzhai@gmail.com>

Quentin Perez qperez@ocs.online.net>

Quentin Renard <contact@asticode.com>

Quentin Smith <quentin@golang.org>

Quey-Liang Kao <s101062801@m101.nthu.edu.tw>

Quim Muntal <quimmuntal@gmail.com>

Quinn Slack <sqs@sourcegraph.com>

Quinten Yearsley <qyearsley@chromium.org>

Quoc-Viet Nguyen <afelion@gmail.com>

Rabin Gaire <rabingaire20@gmail.com>

Radek Simko <radek.simko@gmail.com>

Radek Sohlich <sohlich@gmail.com>

Radu Berinde <radu@cockroachlabs.com>

Rafal Jeczalik <rjeczalik@gmail.com>

Raghavendra Nagaraj <jamdagni86@gmail.com>

Rahul Bajaj <rahulrb0509@gmail.com>

Rahul Chaudhry <rahulchaudhry@chromium.org>

Rahul Wadhwani < rahulwadhwani 21@gmail.com>

Raif S. Naffah <go@naffah-raif.name>

Rajat Goel <rajat.goel2010@gmail.com>

Rajath Agasthya <rajathagasthya@gmail.com>

Rajender Reddy Kompally <rajenderreddykompally@gmail.com>

Ralph Corderoy <ralph@inputplus.co.uk>

Ramazan AYYILDIZ <rayyildiz@gmail.com>

Ramesh Dharan <a href="mailto:dharan@google.com">dharan@google.com</a>

Randy Reddig < randy@alta.software>

Raph

Levien <raph@google.com>

Raphael Geronimi <raphael.geronimi@gmail.com>

Raul Silvera <rsilvera@google.com>

Ravil Bikbulatov < weeellz12@gmail.com>

RaviTeja Pothana <ravi.tezu@gmail.com>

Ray Tung <rtung@thoughtworks.com>

Ray Wu <ray@liftoff.io>

Raymond Kazlauskas <raima220@gmail.com>

Rebecca Stambler < rstambler @ golang.org>

Reilly Watson < reilly watson@gmail.com>

Reinaldo de Souza Jr <juniorz@gmail.com>

Remi Gillig <remigillig@gmail.com>

 $Rmy\ Oudompheng\ <\! oudomphe@phare.normalesup.org\! >\! <\! remyoudompheng\ @gmail.com\! >\! <\! remyoudompheng\ @gmail.com\! >\! <\! remyoudompheng\ @gmail.com\! >\! <\! <\! remyoudompheng\ @gmail.com\! >\! <$ 

Ren Ogaki <re.yuz77777@gmail.com>

Rens Rikkerink < Ikkerens@users.noreply.github.com>

Rhys Hiltner <rhys@justin.tv>

Ricardo Padilha <ricardospadilha@gmail.com>

Ricardo Pchevuzinske Katz <ricardo.katz@serpro.gov.br>

Ricardo Seriani <ricardo.seriani@gmail.com>

Rich Hong <hong.rich@gmail.com>

Richard Barnes <rlb@ipv.sx>

Richard Crowley <r@rcrowley.org>

Richard Dingwall <rdingwall@gmail.com>

Richard Eric Gavaletz < gavaletz@gmail.com>

Richard Gibson < richard.gibson@gmail.com>

Richard

Miller <miller.research@gmail.com>

Richard Musiol <mail@richard-musiol.de> <neelance@gmail.com>

Richard Pickering <richard.pickering@hotmail.co.uk>

Richard Ulmer < codesoap@mailbox.org>

Richard Wilkes <wilkes@me.com>

Rick Arnold <rickarnoldjr@gmail.com>

Rick Hudson <rlh@golang.org>

Rick Sayre <whorfin@gmail.com>

Rijnard van Tonder < rvantonder @gmail.com>

Riku Voipio <riku.voipio@linaro.org>

Riley Avron <ra.git@posteo.net>

Risto Jaakko Saarelma <rsaarelm@gmail.com>

Rob Earhart <earhart@google.com>

Rob Findley <rfindley@google.com>

Rob Norman <rob.norman@infinitycloud.com>

Rob Phoenix <rob@robphoenix.com>

Rob Pike <r@golang.org>

Robert Ayrapetyan <robert.ayrapetyan@gmail.com>

Robert Burke <rebo@google.com>

Robert Daniel Kortschak <a href="mailto:kortschak@adelaide.edu.au"><a href="mailto:kortschak.io">kortschak.io</a>

Robert Dinu <r@varp.se>

Robert Engels <rengels@ix.netcom.com>

Robert Figueiredo <robfig@gmail.com>

Robert Griesemer <gri@golang.org>

Robert Hencke <robert.hencke@gmail.com>

Robert Iannucci <iannucci@google.com>

Robert

Kuska <rkuska@gmail.com>

Robert Obryk <robryk@gmail.com>

Robert Sesek <rsesek@google.com>

Robert Snedegar <roberts@google.com>

Robert Stepanek <robert.stepanek@gmail.com>

Robert van Gent <rvangent@google.com>

Robert-Andr Mauchin <zebob.m@gmail.com>

Roberto Clapis <robclap8@gmail.com>

Roberto Selbach <roberto@selbach.ca>

Robin Eklind < r.eklind.87@gmail.com>

Robin Zhong <robin@robinzhong.co>

Rodolfo Carvalho <rhcarvalho@gmail.com>

Rodolfo Rodriguez < rodolfobgibson@gmail.com>

Rodrigo Moraes de Oliveira <rodrigo.moraes@gmail.com>

Rodrigo Rafael Monti Kochenburger <divoxx@gmail.com>

Roger Pau Monn <royger@gmail.com>

Roger Peppe <rogpeppe@gmail.com>

Rohan Challa <rohan@golang.org>

Rohan Verma < rohanverma 2004@gmail.com>

Rohith Ravi <entombedvirus@gmail.com>

Roi Martin cjroi.martin@gmail.com>

Roland Illig <roland.illig@gmx.de>

Roland Shoemaker < rolandshoemaker@gmail.com>

Romain Baugue <romain.baugue@elwinar.com>

Roman Budnikov <romanyx90@yandex.ru>

Roman Kollr <roman.kollar.0@gmail.com>

Roman

Shchekin <mrqtros@gmail.com>

Ron Hashimoto <mail@h2so5.net>

Ron Minnich <rminnich@gmail.com>

Ronnie Ebrin <ebrin.ronnie@protonmail.com>

Ross Chater <rdchater@gmail.com>

Ross Kinsey <rossikinsey@gmail.com>

 $Ross\ Light < light@google.com> < rlight2@gmail.com>$ 

Ross Smith II <ross@smithii.com>

Rowan Marshall < rowanajmarshall@gmail.com>

Rowan Worth <sqweek@gmail.com>

Rudi Kramer < rudi.kramer@gmail.com>

Rui Ueyama <ruiu@google.com>

Ruixin Bao <ruixin.bao@ibm.com>

Ruslan Andreev <ruslan.andreev@huawei.com>

Ruslan Nigmatullin <elessar@dropbox.com>

Russ Cox <rsc@golang.org>

Russell Haering <russellhaering@gmail.com>

Ryan Bagwell < ryanbagwell@outlook.com>

Ryan Barrett <ryanb@google.com>

Ryan Boehning <ryan.boehning@apcera.com>

Ryan Brown <ribrdb@google.com>

Ryan Canty cjrcanty@gmail.com>

Ryan Dahl <ry@tinyclouds.org>

Ryan Hitchman <a href="mailto:kitchmanr@gmail.com">hitchmanr@gmail.com</a>

Ryan Kohler <ryankohler@google.com>

Ryan Leung <rleungx@gmail.com>

Ryan Lower crpjlower@gmail.com>

Ryan Roden-Corrent <ryan@rcorre.net>

Ryan

Seys <ryan@ryanseys.com>

Ryan Slade <ryanslade@gmail.com>

Ryan Zhang <ryan.zhang@docker.com>

Ryoichi KATO <ryo1kato@gmail.com>

Ryoya Sekino <ryoyasekino 1993@gmail.com>

Ryuji Iwata <qt.luigi@gmail.com>

Ryuma Yoshida <ryuma.y1117@gmail.com>

Ryuzo Yamamoto <ryuzo.yamamoto@gmail.com>

S.alar Onur < caglar@10ur.org>

Sabin Mihai Rapan <sabin.rapan@gmail.com>

Sad Pencil <qh06@qq.com>

Sai Cheemalapati <saicheems@google.com>

Sai Kiran Dasika < kirandasika 30@gmail.com>

Sakeven Jiang <jc5930@sina.cn>

Salaheddin M. Mahmud <salah.mahmud@gmail.com>

Salmn Aljammz <s@0x65.net>

Sam Arnold <sarnold64@bloomberg.net>

Sam Boyer < tech@samboyer.org>

Sam Chen <chenxsan@gmail.com>

Sam Cross <samgcdev@gmail.com>

Sam Ding <samding@ca.ibm.com>

Sam Hug <samuel.b.hug@gmail.com>

Sam Thorogood <thorogood@google.com> <sam.thorogood@gmail.com>

Sam Whited <sam@samwhited.com>

Sam Xie <xsambundy@gmail.com>

Sameer Ajmani <sameer@golang.org> <ajmani@gmail.com>

Sami Commerot <samic@google.com>

Sami Pnknen <sami.ponkanen@gmail.com>

Samuel

Kelemen <SCKelemen@users.noreply.github.com>

Samuel Tan <samueltan@google.com>

Samuele Pedroni <pedronis@lucediurna.net>

San Ye <xyesan@gmail.com>

Sander van Harmelen <sander@vanharmelen.nl>

Sanjay Menakuru <balasanjay@gmail.com>

Santhosh Kumar Tekuri <santhosh.tekuri@gmail.com>

Santiago De la Cruz <51337247+xhit@users.noreply.github.com>

Sarah Adams <shadams@google.com>

Sardorbek Pulatov <sardorbek.pulatov@outlook.com>

Sascha Brawer < sascha@brawer.ch>

Sasha Lionheart < lionhearts@google.com>

Sasha Sobol <sasha@scaledinference.com>

Satoru Kitaguchi <rule.the.fate.myfirststory@gmail.com>

Scott Barron <scott.barron@github.com>

Scott Bell <scott@sctsm.com>

Scott Cotton <scott@mindowl.com>

Scott Crunkleton < crunk1@gmail.com>

Scott Ferguson <scottwferg@gmail.com>

Scott Lawrence <bytbox@gmail.com>

Scott Mansfield <smansfield@netflix.com>

Scott Ragan <ragansa@fb.com>

Scott Schwartz <scotts@golang.org>

Scott Van Woudenberg <scottvw@google.com>

Sean Burford <sburford@google.com>

Sean

Chen <oohcode@gmail.com>

Sean Chittenden <seanc@joyent.com>

Sean Christopherson <sean.j.christopherson@intel.com>

Sean Dolphin <Sean.Dolphin@kpcompass.com>

Sean Harger <sharger@google.com>

Sean Harrington <sean.harrington@leftfieldlabs.com>

Sean Hildebrand <seanwhildebrand@gmail.com>

Sean Liao <seankhliao@gmail.com>

Sean Rees <sean@erifax.org>

Sebastiaan van Stijn <github@gone.nl>

Sebastian Chlopecki <sebsebmc@gmail.com>

Sebastian Kinne <skinne@google.com>

Sebastian Schmidt <yath@google.com>

Sebastien Binet <seb.binet@gmail.com>

Sbastien Paolacci <sebastien.paolacci@gmail.com>

Sebastien Williams-Wynn <sebastien@cytora.com>

Segev Finer <segev208@gmail.com>

Seiji Takahashi <timaki.st@gmail.com>

Sergei Lemeshkin <sergeilem@gmail.com>

Sergei Skorobogatov <skorobo@rambler.ru>

Sergei Zagurskii <gvozdoder@gmail.com>

Sergey 'SnakE' Gromov <snake.scaly@gmail.com>

Sergey Arseev <sergey.arseev@intel.com>

Sergey Dobrodey <sergey.dobrodey@synesis.ru>

Sergey Frolov <sfrolov@google.com>

Sergey Glushchenko

<gsserge@gmail.com>

Sergey Ivanov <ser1325@gmail.com>

Sergey Kacheev <S.Kacheev@gmail.com>

Sergey Lukjanov <me@slukjanov.name>

Sergey Mishin <sergeymishine@gmail.com>

Sergey Mudrik <sergey.mudrik@gmail.com>

Sergey Semin < gray 12511@gmail.com>

Sergey Yanykin <syanykin@ozon.ru>

Sergio Luis O. B. Correia <sergio@correia.cc>

Sergiusz Bazanski <br/>
<br/>
bazanski@gmail.com>

Serhat Giydiren <serhatgiydiren@gmail.com>

Serhii Aheienko <serhii.aheienko@gmail.com>

Seth Hoenig <seth.a.hoenig@gmail.com>

Seth Vargo <sethvargo@gmail.com>

Shaba Abhiram <shabarivas.abhiram@gmail.com>

Shahar Kohanim <skohanim@gmail.com>

Shailesh Suryawanshi <ss.shailesh28@gmail.com>

Shamil Garatuev <garatuev@gmail.com>

Shamim Akhtar <shamim.rhce@gmail.com>

Shane Hansen <shanemhansen@gmail.com>

Shang Jian Ding <sding3@ncsu.edu>

Shaozhen Ding <dsz0111@gmail.com>

Shaquille Que <shaquille@golang.org>

Shaquille Wyan Que <shaqqywyan@gmail.com>

Shaun Dunning <shaun.dunning@uservoice.com>

Shawn Elliott <selliott@microsoft.com>

Shawn

Ledbetter < sledbetter@google.com>

Shawn Smith <shawn.p.smith@gmail.com>

Shawn Walker-Salas <shawn.walker@oracle.com>

Shenghou Ma <minux@golang.org> <minux.ma@gmail.com>

Shengjing Zhu <zsj950618@gmail.com>

Shengyu Zhang <a href="mailto:shengyu.zhang@chaitin.com">shengyu.zhang@chaitin.com</a>

Shi Han Ng <shihanng@gmail.com>

ShihCheng Tu <mrtoastcheng@gmail.com>

Shijie Hao <haormj@gmail.com>

Shin Fan <shinfan@google.com>

Shinji Tanaka <shinji.tanaka@gmail.com>

Shinnosuke Sawada <6warashi9@gmail.com>

Shintaro Kaneko <kaneshin0120@gmail.com>

Shivakumar GN <shivakumar.gn@gmail.com>

Shivani Singhal <shivani.singhal2804@gmail.com>

Shivansh Rai <shivansh@freebsd.org>

Shivashis Padhi <shivashispadhi@gmail.com>

Shoshin Nikita <shoshin\_nikita@fastmail.com>

Shota Sugiura <s.shota.710.3506@gmail.com>

Shubham Sharma <shubham.sha12@gmail.com>

Shuhei Takahashi <nya@chromium.org>

Shun Fan <sfan@google.com>

Silvan Jegen <s.jegen@gmail.com>

Simo Gomes Viana <simaogmv@gmail.com>

Simarpreet Singh <simar@linux.com>

Simon Drake <simondrake1990@gmail.com>

Simon

Ferquel <simon.ferquel@docker.com>

Simon Frei <freisim93@gmail.com>

Simon Jefford <simon.jefford@gmail.com>

Simon Law <sfllaw@sfllaw.ca>

Simon Rawet <simon@rawet.se>

Simon Rozman <simon@rozman.si>

Simon Ser <contact@emersion.fr>

Simon Thulbourn <simon+github@thulbourn.com>

Simon Whitehead <chemnova@gmail.com>

Sina Siadat <siadat@gmail.com>

Sjoerd Siebinga <sjoerd.siebinga@gmail.com>

Sokolov Yura <funny.falcon@gmail.com>

Song Gao <song@gao.io>

Song Lim <songlim327@gmail.com>

Songjiayang 1@gmail.com>

Songlin Jiang <hollowman@hollowman.ml>

Soojin Nam <jsunam@gmail.com>

Sren L. Hansen <soren@linux2go.dk>

Sparrow Li < liyuancylx@gmail.com>

Spencer Kocot <spencerkocot@gmail.com>

Spencer Nelson <s@spenczar.com>

Spencer Tung <spencertung@google.com>

Spenser Black <spenserblack01@gmail.com>

Spring Mc <heresy.mc@gmail.com>

Srdjan Petrovic <spetrovic@google.com>

Sridhar Venkatakrishnan <sridhar@laddoo.net>

Srinidhi Kaushik <shrinidhi.kaushik@gmail.com>

StalkR <stalkr@stalkr.net>

Stan

Hu <stanhu@gmail.com>

Stan Schwertly <stan@schwertly.com>

Stanislav Afanasev <php.progger@gmail.com>

Steeve Morin <steeve.morin@gmail.com>

Stefan Baebler <sbaebler@outbrain.com>

Stefan Nilsson <snilsson@nada.kth.se> <trolleriprofessorn@gmail.com>

Stepan Shabalin <neverliberty@gmail.com>

Stephan Klatt <stephan.klatt@gmail.com>

Stephan Renatus <srenatus@chef.io>

Stephan Zuercher <zuercher@gmail.com>

Stphane Travostino <stephane.travostino@gmail.com>

Stephen Lewis <stephen@sock.org.uk>

Stephen Lu <steuhs@users.noreply.github.com>

Stephen Ma < stephenm@golang.org>

Stephen McQuay <stephen@mcquay.me>

Stephen Searles <stephens2424@gmail.com>

Stephen Weinberg <stephen@q5comm.com>

Steve Francia <spf@golang.org>

Steve Gilbert <stevegilbert23@gmail.com>

Steve LoFurno <slofurno@gmail.com>

Steve McCoy <mccoyst@gmail.com>

Steve Mynott <steve.mynott@gmail.com>

Steve Newman <snewman@google.com>

Steve Phillips <elimisteve@gmail.com>

Steve Streeting <steve@stevestreeting.com>

Steve Traut <straut@google.com>

Steven

Buss <sbuss@google.com>

Steven Elliot Harris <seharris@gmail.com>

Steven Erenst <stevenerenst@gmail.com>

Steven Hartland <steven.hartland@multiplay.co.uk>

Steven Littiebrant <imgroxx@gmail.com>

Steven Maude < git@stevenmaude.co.uk>

Steven Wilkin <stevenwilkin@gmail.com>

Stuart Jansen <sjansen@buscaluz.org>

Subham Sarkar < sarkar.subhams2@gmail.com>

Sue Spence <virtuallysue@gmail.com>

Sugu Sougoumarane <ssougou@gmail.com>

Suharsh Sivakumar <suharshs@google.com>

Sukrit Handa <sukrit.handa@utoronto.ca>

Sunny <me@darkowlzz.space>

Suriyaa Sundararuban <suriyaasundararuban@gmail.com>

Suvaditya Sur <suvaditya.sur@gmail.com>

Suyash <dextrous93@gmail.com>

Suzy Mueller <suzmue@golang.org>

Sven Almgren <sven@tras.se>

Sven Blumenstein <svbl@google.com>

Sven Lee <lee1300394324@gmail.com>

Sven Taute <sven.taute@gmail.com>

Sylvain Zimmer <sylvain@sylvainzimmer.com>

Syohei YOSHIDA <syohex@gmail.com>

Szabolcs Nagy <nsz@port70.net>

Taavi Kivisik <taavi.kivisik@gmail.com>

Tad Fisher <tadfisher@gmail.com>

Tad

Glines <tad.glines@gmail.com>

Tadas Valiukas <tadovas@gmail.com>

Tadeo Kondrak <me@tadeo.ca>

Taesu Pyo <pyotaesu@gmail.com>

Tai Le <letientai299@gmail.com>

Taj Khattra <taj.khattra@gmail.com>

Takashi Matsuo <tmatsuo@google.com>

Takashi Mima <tks.m1205@gmail.com>

Takayoshi Nishida <takayoshi.nishida@gmail.com>

Takeshi YAMANASHI <9.nashi@gmail.com>

Takuto Ikuta < tikuta@google.com>

Takuya Ueda <uedatakuya@gmail.com>

Tal Shprecher <tshprecher@gmail.com>

Tams Gulcsi <tgulacsi78@gmail.com>

Tamir Duberstein <tamird@gmail.com>

Tao Qingyun <qingyunha@gmail.com>

Tao Shen <shentaoskyking@gmail.com>

Tao Wang <twang2218@gmail.com>

Tarmigan Casebolt <tarmigan@gmail.com>

Taro Aoki <aizu.s1230022@gmail.com>

Taru Karttunen <taruti@taruti.net>

Tatsuhiro Tsujikawa <tatsuhiro.t@gmail.com>

Tatsuya Kaneko <m.ddotx.f@gmail.com>

Taufiq Rahman <taufiqrx8@gmail.com>

Teague Cole <tnc1443@gmail.com>

Ted Kornish < golang@tedkornish.com>

Tejasvi Nareddy <tejunareddy@gmail.com>

Terin Stock <terinjokes@gmail.com>

Terrel

Shumway <gopher@shumway.us>

Tetsuo Kiso <tetsuokiso9@gmail.com>

Than McIntosh <thanm@google.com>

 $Than abodee\ Charoen piriyakij < wingyminus@gmail.com >$ 

Thanatat Tamtan <acoshift@gmail.com>

The Hatsune Daishi <nao20010128@gmail.com>

Thiago Avelino <t@avelino.xxx>

Thiago Fransosi Farina <thiago.farina@gmail.com> <tfarina@chromium.org>

Thom Wiggers <thom@thomwiggers.nl>

Thomas Alan Copeland <a href="mailto:</a> <a href="mailto:copeland@gmail.com">copeland@gmail.com</a>

Thomas Bonfort <thomas.bonfort@gmail.com>

Thomas Bouldin <inlined@google.com>

Thomas Bruyelle <thomas.bruyelle@gmail.com>

 $Thomas\ Bushnell,\ BSG\,< tbushnell@google.com>$ 

Thomas de Zeeuw <thomasdezeeuw@gmail.com>

Thomas Desrosiers <thomasdesr@gmail.com>

Thomas Habets <a href="mailto:habets@google.com">habets@google.com</a>>

Thomas Kappler <tkappler@gmail.com>

Thomas Meson <zllak@hycik.org>

Thomas Symborski <thomas.symborski@gmail.com>

Thomas Wanielista <tomwans@gmail.com>

Thorben Krueger <a href="mailto:krueger@gmail.com">thorben Krueger@gmail.com</a>

Thordur Bjornsson <thorduri@secnorth.net>

Tiago Peczenyj <tpeczenyj@weborama.com>

Tiago

Queiroz <contato@tiago.eti.br>

Tianji Wu <the729@gmail.com>

Tianon Gravi <admwiggin@gmail.com>

Tilman Dilo <tilman.dilo@gmail.com>

Tim Cooijmans <a href="mailto:cimcooijmans@gmail.com">cimcooijmans@gmail.com</a>

Tim Cooper <tim.cooper@layeh.com>

Tim Ebringer < tim.ebringer@gmail.com>

Tim Heckman <t@heckman.io>

Tim Henderson <tim.tadh@gmail.com>

Tim Hockin <thockin@google.com>

Tim King <taking@google.com>

Tim Mhlmann <muhlemmer@gmail.com>

Tim Swast <swast@google.com>

Tim Wright <tenortim@gmail.com>

Tim Xu <xiaoxubeii@gmail.com>

Timmy Douglas <timmyd983@gmail.com>

Timo Savola <timo.savola@gmail.com>

Timo Truyts <alkaloid.btx@gmail.com>

Timothy Gu <timothygu99@gmail.com>

Timothy Studd <tim@timstudd.com>

Tipp Moseley <tipp@google.com>

Tiwei Bie <tiwei.btw@antgroup.com>

Tobias Assarsson <tobias.assarsson@gmail.com>

Tobias Columbus <tobias.columbus@gmail.com> <tobias.columbus@googlemail.com>

Tobias Klauser < tklauser@distanz.ch>

Tobias Kohlbau <tobias@kohlbau.de>

Toby Burress < kurin@google.com>

Todd Kulesza < tkulesza@google.com>

Todd

Neal <todd@tneal.org>

Todd Wang <toddwang@gmail.com>

Tom Anthony < git@tomanthony.co.uk>

Tom Bergan <tombergan@google.com>

Tom Freudenberg <tom.freudenberg@4commerce.de>

Tom Heng <zhm20070928@gmail.com>

Tom Lanyon <tomlanyon@google.com>

Tom Levy <tomlevy93@gmail.com>

Tom Limoncelli <tal@whatexit.org>

Tom Linford <tomlinford@gmail.com>

Tom Panton <tom@tomandtally.co.uk>

Tom Parkin <tom.parkin@gmail.com>

Tom Payne <twpayne@gmail.com>

Tom Szymanski <tgs@google.com>

Tom Thorogood <me+google@tomthorogood.co.uk>

Tom Wilkie <tom@weave.works>

Tom Zierbock <tomzierbock@gmail.com>

Tomas Dabasinskas <tomas@dabasinskas.net>

Tommy Schaefer <tommy.schaefer@teecom.com>

Tomohiro Kusumoto <zabio1192@gmail.com>

Tomoya Ishizaki <zaq1tomo@gmail.com>

Tonis Tiigi <tonistiigi@gmail.com>

Tony Reix <tony.reix@bull.net>

Tony Walker <walkert.uk@gmail.com>

Tooru Takahashi <tooru.takahashi134@gmail.com>

Tor Andersson < tor.andersson@gmail.com>

Torben Schinke <torben.schinke@neotos.de>

Tormod Erevik Lea <tormodlea@gmail.com>

**Toshihiro** 

Shiino <shiino.toshihiro@gmail.com>

Toshiki Shima <hayabusa1419@gmail.com>

Totoro W <tw19881113@gmail.com>

Travis Bischel <travis.bischel@gmail.com>

Travis Cline <travis.cline@gmail.com>

Trevor Dixon trevordixon@gmail.com>

Trevor Strohman <a href="mailto:trevor.strohman@gmail.com">trevor.strohman@gmail.com</a>

Trey Lawrence <a href="mailto:lawrence.trey@gmail.com">Lawrence <a href="mailto:lawrence.trey@gmail.com">lawrence.trey@gmail.com</a>

Trey Roessig <trey.roessig@gmail.com>

Trey Tacon <ttacon@gmail.com>

Tristan Amini <tamini01@ca.ibm.com>

Tristan Colgate <tcolgate@gmail.com>

Tristan Ooohry <ooohry@gmail.com>

Tristan Rice <rice@fn.lc>

Troels Thomsen <troels@thomsen.io>

Trong Bui <trong.buiquoc@gmail.com>

Trung Nguyen <trung.n.k@gmail.com>

Tsuji Daishiro <dram.dt.shonan@gmail.com>

Tudor Golubenco <tudor.g@gmail.com>

Tugdual Saunier < tugdual.saunier@gmail.com>

Tuo Shan <sturbo89@gmail.com> <shantuo@google.com>

Tyler Bui-Palsulich <tpalsulich@google.com>

Tyler Bunnell <tylerbunnell@gmail.com>

Tyler Treat <ttreat31@gmail.com>

Tyson Andre <tysonandre775@gmail.com>

Tzach Shabtay <tzachshabtay@gmail.com>

Tzu-Chiao

Yeh <su3g4284zo6y7@gmail.com>

Tzu-Jung Lee <roylee17@currant.com>

Udalov Max <re.udalov@gmail.com>

Uddeshya Singh <singhuddeshyaofficial@gmail.com>

Ugorji Nwoke <ugorji@gmail.com>

Ulf Holm Nielsen <doktor@dyregod.dk>

Ulrich Kunitz <uli.kunitz@gmail.com>

Umang Parmar <umangjparmar@gmail.com>

Uriel Mangado <uriel@berlinblue.org>

Urvil Patel <patelurvil38@gmail.com>

Utkarsh Dixit <53217283+utkarsh-extc@users.noreply.github.com>

Uttam C Pawar <uttam.c.pawar@intel.com>

Vadim Grek <vadimprog@gmail.com>

Vadim Vygonets <unixdj@gmail.com>

Val Polouchkine <vpolouch@justin.tv>

Valentin Vidic <vvidic@valentin-vidic.from.hr>

Vaughn Iverson <vsivsi@yahoo.com>

Vee Zhang <veezhang@126.com> <vveezhang@gmail.com>

Vega Garcia Luis Alfonso <vegacom@gmail.com>

Venil Noronha <veniln@vmware.com>

Veselkov Konstantin <kostozyb@gmail.com>

Viacheslav Poturaev <vearutop@gmail.com>

Victor Chudnovsky <vchudnov@google.com>

Victor Michel <victor@optimyze.cloud>

Victor Vrantchan <vrancean+github@gmail.com>

Vignesh

Ramachandra < vickyramachandra@gmail.com>

Vikas Kedia <vikask@google.com>

Ville Skytt <ville.skytta@iki.fi>

Vincent Ambo <tazjin@googlemail.com>

Vincent Batts <vbatts@hashbangbash.com> <vbatts@gmail.com>

Vincent Vanackere <vincent.vanackere@gmail.com>

Vinu Rajashekhar <vinutheraj@gmail.com>

Vish Subramanian < vish@google.com>

Vishal Dalwadi <dalwadivishal26@gmail.com>

Vishvananda Ishaya <vishvananda@gmail.com>

Visweswara R < r.visweswara@gmail.com>

Vitaly Zdanevich <zdanevich.vitaly@ya.ru>

Vitor De Mario <vitordemario@gmail.com>

Vivek Sekhar < vsekhar@google.com>

Vivek V <iamvivekv96@gmail.com>

Vivian Liang <vli>vliang88@gmail.com>

Vlad Krasnov <vlad@cloudflare.com>

Vladimir Evgrafov <evgrafov.vladimir@gmail.com>

Vladimir Kovpak <cn007b@gmail.com>

Vladimir Kuzmin < vkuzmin@uber.com>

Vladimir Mihailenco <vladimir.webdev@gmail.com>

Vladimir Nikishenko <vova616@gmail.com>

Vladimir Stefanovic <vladimir.stefanovic@imgtec.com>

Vladimir Varankin <nek.narqo@gmail.com>

Vojtech Bocek <vbocek@gmail.com>

Volker

Dobler <dr.volker.dobler@gmail.com>

Volodymyr Paprotski <vpaprots@ca.ibm.com>

Vyacheslav Pachkov <slava.pach@gmail.com>

W. Trevor King <wking@tremily.us>

Wade Simmons <wade@wades.im>

Wagner Riffel <wgrriffel@gmail.com>

Walt Della <walt@javins.net>

Walter Poupore <wpoupore@google.com>

Wander Lairson Costa < wcosta@mozilla.com>

Wang Xuerui < git@xen0n.name>

Warren Fernandes <warren.f.fernandes@gmail.com>

Wayne Ashley Berry <wayneashleyberry@gmail.com>

Wedson Almeida Filho < wedsonaf@google.com>

Weerasak Chongnguluam <singpor@gmail.com>

Wi Cngru <crvv.mail@gmail.com>

Wei Fu <fhfuwei@163.com>

Wei Guangjing < vcc.163@gmail.com>

Wei Xiao <wei.xiao@arm.com>

Wei Xikai <xykwei@gmail.com>

Weichao Tang <tevic.tt@gmail.com>

Weilu Jia <optix2000@gmail.com>

Weixie Cui <cuiweixie@gmail.com> <523516579@qq.com>

Wembley G. Leach, Jr <wembley.gl@gmail.com>

Wenlei (Frank) He <wlhe@google.com>

Wenzel Lowe < lowewenzel@gmail.com>

Wil Selwood < wselwood@gmail.com >

Wilfried Teiken < wteiken@google.com>

Will

Beason < will beason @gmail.com>

Will Chan <willchan@google.com>

Will Faught < will.faught@gmail.com>

Will Morrow <wmorrow.qdt@qualcommdatacenter.com>

Will Norris <willnorris@google.com>

Will Storey <will@summercat.com>

Willem van der Schyff <willemvds@gmail.com>

William Chan <willchan@chromium.org>

William Chang <mr.williamchang@gmail.com>

William Josephson < wjosephson@gmail.com>

William Langford <wlangfor@gmail.com>

William Orr <will@worrbase.com> <ay1244@gmail.com>

William Poussier < william.poussier@gmail.com>

Wisdom Omuya <deafgoat@gmail.com>

Wu Yunzhou <yunzhouwu@gmail.com>

Xi Ruoyao <xry23333@gmail.com>

Xia Bin <snyh@snyh.org>

Xiangdong Ji <xiangdong.ji@arm.com>

Xiaodong Liu <teaofmoli@gmail.com>

Xing Gao <18340825824@163.com>

Xing Xing <mikespook@gmail.com>

Xingqang Bai <br/> <br/> bxq2011hust@qq.com>

Xu Fei <badgangkiller@gmail.com>

Xudong Zhang <felixmelon@gmail.com>

Xudong Zheng <7pkvm5aw@slicealias.com>

Xuyang Kang < xuyangkang@gmail.com>

Yamagishi Kazutoshi <ykzts@desire.sh>

Yan

Zou <yzou@google.com>

Yang Hau <vulxj0j8j8@gmail.com>

Yang Tian < linuxty@gmail.com>

Yann Hodique <yhodique@google.com>

Yann Kerherv <yann.kerherve@gmail.com>

Yann Salan <yannsalaun1@gmail.com>

Yannic Bonenberger <contact@yannic-bonenberger.com>

Yao Zhang <lunaria21@gmail.com>

Yaron de Leeuw <jarondl@google.com>

Yaroslav Vorobiov <yar.vorobiov@gmail.com>

Yasha Bubnov < girokompass@gmail.com>

Yasser Abdolmaleki <yasser@yasser.ca>

Yasuharu Goto <matope.ono@gmail.com>

Yasuhiro Matsumoto <mattn.jp@gmail.com>

Yasutaka Shinzaki <shinzaki@yasu26.tech>

Yasuyuki Oka <yasuyk@gmail.com>

Yazen Shunnar < yazen.shunnar@gmail.com>

Yestin Sun <ylh@pdx.edu>

Yesudeep Mangalapilly <yesudeep@google.com>

Yissakhar Z. Beck <yissakhar.beck@gmail.com>

Yo-An Lin <yoanlin93@gmail.com>

Yohei Takeda < yo.tak0812@gmail.com>

Yongjian Xu <i3dmaster@gmail.com>

Yorman Arias <cixtords@gmail.com>

Yoshiyuki Kanno <nekotaroh@gmail.com> <yoshiyuki.kanno@stoic.co.jp>

Yoshiyuki Mineo <yoshiyuki.mineo@gmail.com>

Yosuke Akatsuka

<yosuke.akatsuka@gmail.com>

Youfu Zhang <zhangyoufu@gmail.com>

Yu Heng Zhang <annita.zhang@cn.ibm.com>

Yu Xuan Zhang <zyxsh@cn.ibm.com>

Yu, Li-Yu <afg984@gmail.com>

Yuichi Kishimoto <yk2220s@gmail.com>

Yuichi Nishiwaki <yuichi.nishiwaki@gmail.com>

Yuji Yaginuma <yuuji.yaginuma@gmail.com>

Yuki Ito <mrno110y@gmail.com>

Yuki OKUSHI <huyuumi.dev@gmail.com>

Yuki Osaki <yuki.osaki7@gmail.com>

Yuki Yugui Sonoda <yugui@google.com>

Yukihiro Nishinaka <6elpinal@gmail.com>

YunQiang Su <syq@debian.org>

Yuntao Wang <ytcoode@gmail.com>

Yury Smolsky <yury@smolsky.by>

Yusuke Kagiwada <block.rxckin.beats@gmail.com> Yuusei Kuwana <kuwana@kumama.org> Yuval Pavel Zholkover <paulzhol@gmail.com> Yves Junqueira <yvesj@google.com> <yves.junqueira@gmail.com> Zac Bergquist <zbergquist99@gmail.com> Zach Bintliff <zbintliff@gmail.com> Zach Gershman <zachgersh@gmail.com> Zach Hoffman <zrhoffman@apache.org> Zach Jones <zachj1@gmail.com> Zachary Amsden <zach@thundertoken.com> Zachary Burkett <zburkett@splitcubestudios.com> Zachary Gershman <zgershman@pivotal.io> Zaiyang Li <zaiyangli777@gmail.com> Zak <zrjknill@gmail.com> Zakatell Kanda <hi@zkanda.io> Zellyn Hunter <zellyn@squareup.com> <zellyn@gmail.com> Zev Goldstein < zev.goldstein@gmail.com> Zhang Boyang <zhangboyang.id@gmail.com> Zheng Dayu <davidzheng23@gmail.com> Zheng Xu <zheng.xu@arm.com> Zhengyu He <hzy@google.com> Zhi Zheng <zhi.zheng052@gmail.com> Zhongpeng Lin <zplin@uber.com> Zhongtao Chen <chenzhongtao@126.com> Zhongwei Yao <zhongwei.yao@arm.com> Zhou Guangyuan <zhouguangyuan.xian@gmail.com> Zhou Peng <p@ctriple.cn> Ziad Hatahet <hatahet@gmail.com> Ziheng Liu <lzhfromustc@gmail.com> Zizhao Zhang <a href="mailto:style-type-15">btw515wolf2@gmail.com</a> Zorion Arrizabalaga <zorionk@gmail.com> Zvonimir Pavlinovic <zpavlinovic@google.com> Zyad A. Ali <zyad.ali.me@gmail.com> <a.maksadbek@gmail.com> <max.faceless.frei@gmail.com> <hagen1778@gmail.com> <tbunyk@gmail.com> <faxriddinjon@gmail.com> <zs349596@gmail.com> <br/>bronze1man@gmail.com> # People who have agreed to one of the CLAs and can contribute patches. # The AUTHORS file lists the copyright holders; this file # lists people. For example, Google employees are listed here # but not in AUTHORS, because Google holds the copyright. # https://developers.google.com/open-source/cla/individual # https://developers.google.com/open-source/cla/corporate

# Names should be added to this file as:

# Name <email address>

Raul Silvera <rsilvera@google.com>

Tipp Moseley <tipp@google.com>

Hyoun Kyu Cho <netforce@google.com>

Martin Spier <spiermar@gmail.com>

Taco de Wolff <tacodewolff@gmail.com>

Andrew Hunter <andrewhhunter@gmail.com>

Copyright (c) 2009 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER

OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

- # This source code was written by the Go contributors.
- # The master list of contributors is in the main Go distribution,
- # visible at https://tip.golang.org/CONTRIBUTORS.

Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial

revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted"

means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this
- License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the

Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and

- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding

those notices that do not

pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions.
  Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each

Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct,

indirect, special,

incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

All rights reserved.

Unless required by applicable law or agreed to in writing, software 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.

Copyright 2010-2017 Mike Bostock

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the author nor the names of contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR

ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Copyright (c) 2019 The Go Authors. All rights reserved.

Delica de discondination de la companya del companya del companya de la companya

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer

in the documentation and/or other materials provided with the distribution.

\* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER

OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Copyright (c) 2015 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER

OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Copyright 2009-2017 Andrea Leofreddi <a.leofreddi@vleo.net>. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- 3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS

OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY

AND FITNESS FOR A PARTICULAR

PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL COPYRIGHT HOLDERS OR

CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR

SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON

ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF

ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The views and conclusions contained in the software and documentation are those of the authors and should not be interpreted as representing official policies, either expressed or implied, of Andrea Leofreddi.

# 1.31 x-sys 0.0.0-20220712014510-

# 0a85c31ab51e

## 1.31.1 Available under license:

- # This source code was written by the Go contributors.
- # The master list of contributors is in the main Go distribution,
- # visible at http://tip.golang.org/CONTRIBUTORS.

Copyright (c) 2009 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

<sup>\*</sup> Redistributions of source code must retain the above copyright

notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER

OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

# 1.32 prometheus-common 0.37.0

## 1.32.1 Available under license:

Common libraries shared by Prometheus Go components. Copyright 2015 The Prometheus Authors

This product includes software developed at SoundCloud Ltd. (http://soundcloud.com/).

Apache License

Version 2.0, January 2004

http://www.apache.org/licenses/

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial

revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License.

each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the

Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding

those notices that do not

pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise,

unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct,

indirect, special,

incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software 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.

# 1.33 prometheus-client v1.12.2

## 1.33.1 Available under license:

Prometheus instrumentation library for Go applications Copyright 2012-2015 The Prometheus Authors

This product includes software developed at SoundCloud Ltd. (http://soundcloud.com/).

The following components are included in this product:

perks - a fork of https://github.com/bmizerany/perks
https://github.com/beorn7/perks
Copyright 2013-2015 Blake Mizerany, Bjrn Rabenstein
See https://github.com/beorn7/perks/blob/master/README.md for license details.

Go support for Protocol Buffers - Google's data interchange format http://github.com/golang/protobuf/
Copyright 2010 The Go Authors
See source code for license details.

http://www.apache.org/licenses/

Support for streaming Protocol Buffer messages for the Go language (golang). https://github.com/matttproud/golang\_protobuf\_extensions

Copyright 2013 Matt T. Proud

Licensed under the Apache License, Version 2.0

Apache License

Version 2.0, January 2004

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the

outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial

revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of

this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

Grant of Patent License. Subject to the terms and conditions of this License.

each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the

Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding

those notices that do not

pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed

as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions.
  Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct,

indirect, special,

incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software 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.

# 1.34 prometheus-operator (devel)

## 1.34.1 Available under license:

CoreOS Project Copyright 2015 CoreOS, Inc

This product includes software developed at CoreOS, Inc. (http://www.coreos.com/).

Apache License

Version 2.0, January 2004 http://www.apache.org/licenses/

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You"

(or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations,

#### or other modifications

represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems

that are managed by, or on behalf of, the

Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants
- to You a perpetual,

worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work

or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

- Redistribution. You may reproduce and distribute copies of the Work
- or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not

pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution

of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental.
- or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted

against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software 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.

# 1.35 common v0.37.0

## 1.35.1 Available under license:

Common libraries shared by Prometheus Go components. Copyright 2015 The Prometheus Authors

This product includes software developed at SoundCloud Ltd. (http://soundcloud.com/).

Apache License

Version 2.0, January 2004

http://www.apache.org/licenses/

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,

and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial

revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to

communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License,
- each Contributor hereby grants to You a perpetual,
  worldwide, non-exclusive, no-charge, royalty-free, irrevocable
  (except as stated in this section) patent license to make, have made,
  use, offer to sell, sell, import, and otherwise transfer the Work,
  where such license applies only to those patent claims licensable
  by such Contributor that are necessarily infringed by their
  Contribution(s) alone or by combination of their Contribution(s)
  with the Work to which such Contribution(s) was submitted. If You
  institute patent litigation against any entity (including a
  cross-claim or counterclaim in a lawsuit) alleging that the Work
  or a Contribution incorporated within the Work constitutes direct
  or contributory patent infringement, then any patent licenses
  granted to You under this License for that Work shall terminate
  as of the date such litigation is filed.
- 4. Redistribution. You may reproduce and distribute copies of the

Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and

attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding

those notices that do not

pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or

implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct,

indirect, special,

incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

Unless required by applicable law or agreed to in writing, software 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.

## 1.36 thanos 0.27.0

## 1.36.1 Available under license:

Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial

revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License,
- each Contributor hereby grants to You a perpetual,
  worldwide, non-exclusive, no-charge, royalty-free, irrevocable
  (except as stated in this section) patent license to make, have made,
  use, offer to sell, sell, import, and otherwise transfer the Work,
  where such license applies only to those patent claims licensable
  by such Contributor that are necessarily infringed by their
  Contribution(s) alone or by combination of their Contribution(s)

with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the

Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding

those notices that do not

pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions

- for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.
- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct,

indirect, special,

incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software 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.

# 1.37 x-sys v0.0.0-20220712014510-0a85c31ab51e

## 1.37.1 Available under license:

- # This source code was written by the Go contributors.
- # The master list of contributors is in the main Go distribution,
- # visible at http://tip.golang.org/CONTRIBUTORS.

Copyright (c) 2009 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

\* Redistributions of source code must retain the above copyright

notice, this list of conditions and the following disclaimer.

- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER

OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

# 1.38 prometheus-client 0.2.0

## 1.38.1 Available under license:

The MIT License (MIT)

Copyright (c) 2017 tweede golf

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN

CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

## 1.39 thanos v0.27.0

## 1.39.1 Available under license:

Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

#### TERMS AND CONDITIONS FOR USE. REPRODUCTION. AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License,

each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the

Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding

those notices that do not

pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions

for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions.

Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct,

indirect, special,

incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software 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.

# 1.40 units v0.0.0-20211218093645b94a6e3cc137

#### 1.40.1 Available under license:

Copyright (C) 2014 Alec Thomas

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE

# 1.41 github.com/go-kit/log v0.2.1

## 1.41.1 Available under license:

MIT License

Copyright (c) 2021 Go kit

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH

THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

The MIT License (MIT)

Copyright (c) 2014 Simon Eskildsen

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,

OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

# 1.42 prometheus-operator-prometheus-operator v0.58.0

## 1.42.1 Available under license:

CoreOS Project Copyright 2015 CoreOS, Inc

This product includes software developed at CoreOS, Inc.

(http://www.coreos.com/).

Apache License

Version 2.0, January 2004 http://www.apache.org/licenses/

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

#### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You"

(or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations,

#### or other modifications

represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems

that are managed by, or on behalf of, the

Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

- 2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
- 3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants
- to You a perpetual,

worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work,

where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

- Redistribution. You may reproduce and distribute copies of the Work
- or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
  - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
  - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
  - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
  - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not

pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and

may provide additional or different license terms and conditions for use, reproduction, or distribution

- of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.
- 5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
- 6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
- 7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
- 8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental.
- or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
- 9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this

License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software 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.

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: www.cisco.com/go/trademarks. Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1110R)

©2024 Cisco Systems, Inc. All rights reserved.