ılıılı cısco



Open Source Used In spa-ise-bridgeghost 2.1.610.454

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: 78EE117C99-1374772553

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 contact us at external-opensource-requests@cisco.com.

In your requests please include the following reference number 78EE117C99-1374772553

Contents

| 1.1 ants 2.4.3 |
|--|
| 1.1.1 Available under license |
| 1.2 logrus 1.0.4 |
| 1.2.1 Available under license |
| 1.3 mgo 2.0.0-20160801194620-b6121c6199b7 |
| 1.3.1 Available under license |
| 1.4 x-sys 0.0.0-20210615035016-665e8c7367d1 |
| 1.4.1 Available under license |
| 1.5 go-metrics 20220323 |
| 1.5.1 Available under license |
| 1.6 errors 0.9.1 |
| 1.6.1 Available under license |
| 1.7 cast 1.3.1 |
| 1.7.1 Available under license |
| 1.8 x-crypto 0.0.0-20210220033148-5ea612d1eb83 |
| 1.8.1 Available under license |
| 1.9 spf13-pflag 1.0.5 |
| 1.9.1 Available under license |
| 1.10 go-retryablehttp 0.7.0 |
| 1.10.1 Available under license |
| 1.11 go-restful 3.3.1 |
| 1.11.1 Available under license |
| 1.12 properties 1.8.4 |
| 1.12.1 Available under license |
| 1.13 panjf2000-ants 2.4.3 |
| 1.13.1 Available under license |
| |

1.14 rcrowley-go-metrics 0.0.0-20200313005456-10cdbea86bc0

1.14.1 Available under license

1.15 streadway-amqp 1.0.0

1.15.1 Available under license

1.16 yaml 2.3.0

1.16.1 Available under license

1.17 rsocket-go 0.8.4

1.17.1 Available under license

1.18 gorilla 1.4.2

1.18.1 Available under license

1.19 spacemonkeygo-openssl 0.0.0-20181017203307-c2dcc5cca94a

1.19.1 Available under license

1.20 mitchellh-mapstructure 1.3.3

1.20.1 Available under license

1.21 hcl 1.0.1-vault-3

1.21.1 Available under license

1.22 fsnotify 1.4.9

1.22.1 Available under license

1.23 jjeffcaii-reactor-go 0.5.1

1.23.1 Available under license

1.24 google-uuid 1.1.2

1.24.1 Available under license

1.25 x-text 0.3.3

1.25.1 Available under license

1.26 go.uber.org/atomi 1.7.0

1.26.1 Available under license

1.27 viper 1.0.0

1.27.1 Available under license

1.28 jwalterweatherman 1.1.0

1.28.1 Available under license

1.29 go-toml 1.8.1

1.29.1 Available under license

1.30 protobuf 1.23.0

1.30.1 Available under license

1.31 spacemonkeygo-spacelog 0.0.0-20180420211403-2296661a0572

1.31.1 Available under license

1.32 go-yaml 2.3.0

1.32.1 Available under license

1.33 hcl 1.0.0

1.33.1 Available under license 1.34 afero 1.4.1 1.34.1 Available under license 1.35 jwt-go 3.2.0+incompatible 1.35.1 Available under license 1.36 amgp 1.0.0 1.36.1 Available under license 1.37 go-cleanhttp 0.5.1 1.37.1 Available under license 1.38 goprotobuf 1.4.2 1.38.1 Available under license 1.39 x-term 0.0.0-20201126162022-7de9c90e9dd1 1.39.1 Available under license 1.40 protobuf 1.4.2 1.40.1 Available under license 1.41 go 1.16.1 1.41.1 Available under license

1.1 ants 2.4.3

1.1.1 Available under license :

MIT License

Copyright (c) 2018 Andy Pan

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 logrus 1.0.4 1.2.1 Available under license :

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.

1.3 mgo 2.0.0-20160801194620-b6121c6199b7

1.3.1 Available under license :

mgo - MongoDB driver for Go

Copyright (c) 2010-2013 - Gustavo Niemeyer <gustavo@niemeyer.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.

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. BSON library for Go

Copyright (c) 2010-2012 - Gustavo Niemeyer <gustavo@niemeyer.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.

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) 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.

1.4 x-sys 0.0.0-20210615035016-665e8c7367d1

1.4.1 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.

1.5 go-metrics 20220323 1.5.1 Available under license :

The MIT License (MIT)

Copyright (c) 2013 Armon Dadgar

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.

1.6 errors 0.9.1

1.6.1 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, 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.

1.7 cast 1.3.1

1.7.1 Available under license :

The MIT License (MIT)

Copyright (c) 2014 Steve Francia

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.

1.8 x-crypto 0.0.0-20210220033148-5ea612d1eb83

1.8.1 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 https://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.

1.9 spf13-pflag 1.0.5

1.9.1 Available under license :

Copyright (c) 2012 Alex Ogier. All rights reserved. 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.

1.10 go-retryablehttp 0.7.0

1.10.1 Available under license :

Mozilla Public License, version 2.0

- 1. Definitions
- 1.1. "Contributor"

means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

1.2. "Contributor Version"

means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

1.3. "Contribution"

means Covered Software of a particular Contributor.

1.4. "Covered Software"

means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

- 1.5. "Incompatible With Secondary Licenses" means
 - a. that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or
 - b. that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.
- 1.6. "Executable Form"

means any form of the work other than Source Code Form.

1.7. "Larger Work"

means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

1.8. "License"

means this document.

1.9. "Licensable"

means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. "Modifications"

means any of the following:

- a. any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or
- b. any new file in Source Code Form that contains any Covered Software.
- 1.11. "Patent Claims" of a Contributor

means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. "Secondary License"

means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

1.13. "Source Code Form"

means the form of the work preferred for making modifications.

1.14. "You" (or "Your")

means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants and Conditions

2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

- a. under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and
- b. under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

a. for any code that a Contributor has removed from Covered Software; or

- b. for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or
- c. under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks,

or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

3. Responsibilities

3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

- 3.2. Distribution of Executable Form
 - If You distribute Covered Software in Executable Form then:
 - a. such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost

of distribution to the recipient; and

b. You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Termination

- 5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.
- 5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.
- 5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

6. Disclaimer of Warranty

Covered Software is provided under this License on an "as is" basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

7. Limitation of Liability

Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses, even if such party shall have been informed of the possibility of such damages. This limitation of liability shall not apply to liability for death or personal injury resulting from such party's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation may not apply to You.

8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

10. Versions of the License

10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at http://mozilla.org/MPL/2.0/.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

Exhibit B - "Incompatible With Secondary Licenses" Notice

This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.

1.11 go-restful 3.3.1

1.11.1 Available under license :

Copyright (c) 2012,2013 Ernest Micklei

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.

1.12 properties 1.8.4

1.12.1 Available under license :

Copyright (c) 2013-2020, Frank Schroeder

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 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.

1.13 panjf2000-ants 2.4.3

1.13.1 Available under license :

MIT License

Copyright (c) 2018 Andy Pan

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 rcrowley-go-metrics 0.0.0-20200313005456-10cdbea86bc0

1.14.1 Available under license :

Copyright 2012 Richard Crowley. 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.

THIS SOFTWARE IS PROVIDED BY RICHARD CROWLEY ``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 RICHARD CROWLEY 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 Richard Crowley.

1.15 streadway-amqp 1.0.0

1.15.1 Available under license :

Copyright (c) 2012-2019, Sean Treadway, SoundCloud Ltd. 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, 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 yaml 2.3.0

1.16.1 Available under license :

Copyright 2011-2016 Canonical Ltd.

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.

> 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. The following files were ported to Go from C files of libyaml, and thus

are still covered by their original copyright and license:

apic.go emitterc.go parserc.go readerc.go scannerc.go writerc.go yamlh.go yamlprivateh.go

Copyright (c) 2006 Kirill Simonov

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.

1.17 rsocket-go 0.8.4

1.17.1 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.

1.18 gorilla 1.4.2

1.18.1 Available under license :

Copyright (c) 2013 The Gorilla WebSocket 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.

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, 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.

1.19 spacemonkeygo-openssl 0.0.0-20181017203307-c2dcc5cca94a 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 "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: You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that You changed the files; and

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

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.

1.20 mitchellh-mapstructure 1.3.3

1.20.1 Available under license :

The MIT License (MIT)

Copyright (c) 2013 Mitchell Hashimoto

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 hcl 1.0.1-vault-3

1.21.1 Available under license :

Mozilla Public License, version 2.0

1. Definitions

1.1. Contributor

means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

1.2. Contributor Version

means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributors Contribution.

1.3. Contribution

means Covered Software of a particular Contributor.

1.4. Covered Software

means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

- 1.5. Incompatible With Secondary Licenses means
 - a. that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or
 - b. that the Covered Software was made available under the terms of version1.1 or earlier of the License, but not also under the terms of aSecondary License.
- 1.6. Executable Form

means any form of the work other than Source Code Form.

1.7. Larger Work

means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

1.8. License

means this document.

1.9. Licensable

means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. Modifications

means any of the following:

a. any file in Source Code Form that results from an addition to, deletion

from, or modification of the contents of Covered Software; or

b. any new file in Source Code Form that contains any Covered Software.

1.11. Patent Claims of a Contributor

means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. Secondary License

means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

1.13. Source Code Form

means the form of the work preferred for making modifications.

1.14. You (or Your)

means an individual or a legal entity exercising rights under this License. For legal entities, You includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, control means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants and Conditions

2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

- a. under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and
- b. under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions

or its Contributor Version.

2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

a. for any code that a Contributor has removed from Covered Software; or

- b. for infringements caused by: (i) Your and any other third partys modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or
- c. under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

3. Responsibilities

3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients rights in the Source Code Form.

3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

- a. such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and
- b. You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients rights in the Source Code Form under this License.

3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Termination

- 5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.
- 5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License

shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

6. Disclaimer of Warranty

Covered Software is provided under this License on an as is basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

7. Limitation of Liability

Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses, even if such party shall have been informed of the possibility of such damages. This limitation of liability shall not apply to liability for death or personal injury resulting from such partys negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion and limitation may not apply to You.

8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a partys ability to bring cross-claims or counter-claims.

9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

10. Versions of the License

10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at http://mozilla.org/MPL/2.0/.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

Exhibit B - Incompatible With Secondary Licenses Notice

This Source Code Form is Incompatible With Secondary Licenses, as defined by the Mozilla Public License, v. 2.0.

1.22 fsnotify 1.4.9

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 OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.23 jjeffcaii-reactor-go 0.5.1

1.23.1 Available under license :

MIT License

Copyright (c) 2019 Jeffsky

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.

1.24 google-uuid 1.1.2

1.24.1 Available under license :

Paul Borman <borman@google.com> bmatsuo shawnps theory jboverfelt dsymonds cd1 wallclockbuilder dansouza Copyright (c) 2009,2014 Google Inc. 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.

1.25 x-text 0.3.3

1.25.1 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.

1.26 go.uber.org/atomi 1.7.0

1.26.1 Available under license :

Copyright (c) 2016 Uber Technologies, Inc.

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.

1.27 viper 1.0.0

1.27.1 Available under license :

The MIT License (MIT)

Copyright (c) 2014 Steve Francia

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

1.28 jwalterweatherman 1.1.0 1.28.1 Available under license :

The MIT License (MIT)

Copyright (c) 2014 Steve Francia

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 go-toml 1.8.1

1.29.1 Available under license :

The MIT License (MIT)

Copyright (c) 2013 - 2017 Thomas Pelletier, Eric Anderton

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 protobuf 1.23.0

1.30.1 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.

1.31 spacemonkeygo-spacelog 0.0.0-20180420211403-2296661a0572

1.31.1 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:

You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that You changed the files; and

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

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.

1.32 go-yaml 2.3.0

1.32.1 Available under license :

Copyright 2011-2016 Canonical Ltd.

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.

> 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.

The following files were ported to Go from C files of libyaml, and thus are still covered by their original copyright and license:

apic.go emitterc.go parserc.go readerc.go scannerc.go writerc.go yamlh.go yamlprivateh.go

Copyright (c) 2006 Kirill Simonov

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.

1.33 hcl 1.0.0

1.33.1 Available under license :

Mozilla Public License, version 2.0

- 1. Definitions
- 1.1. Contributor

means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

1.2. Contributor Version

means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributors Contribution.

1.3. Contribution

means Covered Software of a particular Contributor.

1.4. Covered Software

means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

- 1.5. Incompatible With Secondary Licenses means
 - a. that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or
 - b. that the Covered Software was made available under the terms of version1.1 or earlier of the License, but not also under the terms of a

Secondary License.

1.6. Executable Form

means any form of the work other than Source Code Form.

1.7. Larger Work

means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

1.8. License

means this document.

1.9. Licensable

means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. Modifications

means any of the following:

- a. any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or
- b. any new file in Source Code Form that contains any Covered Software.
- 1.11. Patent Claims of a Contributor

means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. Secondary License

means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

1.13. Source Code Form

means the form of the work preferred for making modifications.

1.14. You (or Your)

means an individual or a legal entity exercising rights under this License. For legal entities, You includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, control means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants and Conditions

2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

- a. under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and
- b. under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

- a. for any code that a Contributor has removed from Covered Software; or
- b. for infringements caused by: (i) Your and any other third partys modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or

c. under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

3. Responsibilities

3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients rights in the Source Code Form.

3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

a. such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the

Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

b. You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients rights in the Source Code Form under this License.

3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Termination

- 5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.
- 5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.
- 5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

6. Disclaimer of Warranty

Covered Software is provided under this License on an as is basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

7. Limitation of Liability

Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses, even if such party shall have been informed of the possibility of such damages. This limitation of liability shall not apply to liability for death or personal injury resulting from such partys negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion and limitation may not apply to You.

8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a partys ability to bring cross-claims or counter-claims.

9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

10. Versions of the License

10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at http://mozilla.org/MPL/2.0/.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

Exhibit B - Incompatible With Secondary Licenses Notice

This Source Code Form is Incompatible With Secondary Licenses, as defined by the Mozilla Public License, v. 2.0.

1.34 afero 1.4.1

1.34.1 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.
- 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.

1.35 jwt-go 3.2.0+incompatible

Copyright (c) 2012 Dave Grijalva

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.

1.36 amqp 1.0.0

1.36.1 Available under license :

GNU LESSER GENERAL PUBLIC LICENSE Version 2.1, February 1999 Copyright (C) 1991, 1999 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.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, 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 and use pieces of it in new free programs; and that you are informed that you can do these things.

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

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, 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 library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete 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 distribute a copy of this License along with the Library.

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 Library or any portion of it, thus forming a work based on the Library, 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) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, 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 Library, 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 Library.

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

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you 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.

If distribution of 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 satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the

user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be 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.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things: a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library 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.

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

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library 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 with this License.

11. 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 Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library 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 Library.

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.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library 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.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser 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 Library 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 Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, 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

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "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 LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. 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 LIBRARY 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 LIBRARY (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 LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

1.37 go-cleanhttp 0.5.1

1.37.1 Available under license :

Mozilla Public License, version 2.0

- 1. Definitions
- 1.1. "Contributor"

means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

1.2. "Contributor Version"

means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

1.3. "Contribution"

means Covered Software of a particular Contributor.

1.4. "Covered Software"

means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

- 1.5. "Incompatible With Secondary Licenses" means
 - a. that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or
 - b. that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.
- 1.6. "Executable Form"

means any form of the work other than Source Code Form.

1.7. "Larger Work"

means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

1.8. "License"

means this document.

1.9. "Licensable"

means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. "Modifications"

means any of the following:

- a. any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or
- b. any new file in Source Code Form that contains any Covered Software.

1.11. "Patent Claims" of a Contributor

means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. "Secondary License"

means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

1.13. "Source Code Form"

means the form of the work preferred for making modifications.

1.14. "You" (or "Your")

means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants and Conditions

2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

- a. under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and
- b. under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

- a. for any code that a Contributor has removed from Covered Software; or
- b. for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or
- c. under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

3. Responsibilities

3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

- a. such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and
- b. You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Termination

- 5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.
- 5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.
- 5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been

validly granted by You or Your distributors under this License prior to termination shall survive termination.

6. Disclaimer of Warranty

Covered Software is provided under this License on an "as is" basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

7. Limitation of Liability

Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses, even if such party shall have been informed of the possibility of such damages. This limitation of liability shall not apply to liability for death or personal injury resulting from such party's negligence to the extent applicable law prohibits such limitation. Some jurisdictions do not allow the exclusion or limitation may not apply to You.

8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

10. Versions of the License

10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at http://mozilla.org/MPL/2.0/.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

Exhibit B - "Incompatible With Secondary Licenses" Notice

This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.

1.38 goprotobuf 1.4.2

1.38.1 Available under license :

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. # 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.

1.39 x-term 0.0.0-20201126162022-7de9c90e9dd1

1.39.1 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.

1.40 protobuf 1.4.2

1.40.1 Available under license :

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

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

// of this software and associated documentation files (the "Software"), to deal

// to use, copy, modify, merge, publish, distribute, sublicense, and/or sell

// 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.

Found in path(s):

* /opt/cola/permits/1325640173_1652312166.7109284/0/protobuf-1-4-2-gem/data-tar-gz/proto/rpc.proto

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

This program is free software.# As a special exception, when this code is copied by Racc

Found in path(s):

* /opt/cola/permits/1325640173_1652312166.7109284/0/protobuf-1-4-2-gem/data-targz/lib/protobuf/compiler/proto_parser.rb No license file was found, but licenses were detected in source scan.

// 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

// distributed under the License is distributed on an "AS IS" BASIS,

Found in path(s):

* /opt/cola/permits/1325640173_1652312166.7109284/0/protobuf-1-4-2-gem/data-targz/lib/protobuf/descriptor/descriptor.proto No license file was found, but licenses were detected in source scan.

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

// of this software and associated documentation files (the "Software"), to deal

// to use, copy, modify, merge, publish, distribute, sublicense, and/or sell

// 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.

Found in path(s):

 $*/opt/cola/permits/1325640173_1652312166.7109284/0/protobuf-1-4-2-gem/data-tar-gz/lib/protobuf/rpc/rpc.pb.rb$

1.41 go 1.16.1

1.41.1 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. Copyright 2010-2017 Mike Bostock 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 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.

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.

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>

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.

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. 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.

Copyright (c) 2019 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 (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.

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 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 <a bender@google.com> Adam Eijdenberg <adam@continusec.com> Adam Harvey <a harvey@php.net> Adam Kisala <adam.kisala@gmail.com> Adam Langley <agl@golang.org> Adam Medzinski <adam.medzinski@gmail.com> Adam Shannon <adamkshannon@gmail.com> Adam Shelton <aashelt90@gmail.com> Adam Sindelar <adamsh@google.com> Adam Thomason <a homason@gmail.com> Adam Williams <pwnfactory@gmail.com> Adam Woodbeck <adam@woodbeck.net> Adarsh Ravichandran <adarshravichandran91@gmail.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 Wahed <oneofone@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> 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> 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 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 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 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 <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 <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 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> Amir Mohammad Saied <amir@gluegadget.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@andersong.eti.br> Andr Carvalho <asantostc@gmail.com> Andr Martins <aanm90@gmail.com> Andre Nathan <andrenth@gmail.com> Andrea Nodari <andrea.nodari91@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 <avagin@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 <awbraunstein@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 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 <apoydence@pivotal.io> Andrew Pritchard <awpritchard@gmail.com> 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> 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 <afinkenstadt@zynga.com> Andy Lindeman <andy@lindeman.io> Andy Maloney <asmaloney@gmail.com> Andy Pan <panjf2000@gmail.com> Andy Walker <walkeraj@gmail.com> Andy Wang <cbeuw.andy@gmail.com> Andy Williams <andy@andy.xyz> 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 <asottile@umich.edu> Anthony Starks <a jstarks@gmail.com> Anthony Voutas <voutasaurus@gmail.com> Anthony Woods <awoods@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 Huete Jimenez <tuxillo@quantumachine.net> Antonio Murdaca <runcom@redhat.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> 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> 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> Artyom Pervukhin <artyom.pervukhin@gmail.com> Arvindh Rajesh Tamilmani <art@a-30.net> 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

bmakam.qdt@qualcommdatacenter.com> Balazs Lecz <leczb@google.com> Baokun Lee <nototon@gmail.com> Barnaby Keene <accounts@southcla.ws> Bartosz Grzybowski <melkorm@gmail.com> Bartosz Oler

brtsz@google.com> Bastian Ike <bastian.ike@gmail.com> Ben Burkert <ben@benburkert.com> Ben Cartwright-Cox <Ben@Benjojo.co.uk> Ben Eitzen <eitzenb@golang.org> Ben Fried <ben.fried@gmail.com> Ben Haines

bhainesva@gmail.com> Ben Hoyt <benhoyt@gmail.com> Ben Kraft <benkraft@khanacademy.org> Ben Laurie <ben@links.org> <benl@google.com> Ben Lubar <ben.lubar@gmail.com> Ben Lynn <benlynn@gmail.com> Ben Olive <sionide21@gmail.com> Ben Schwartz <bemasc@google.com> Ben Shi <powerman1st@163.com> Ben Toews <mastahyeti@gmail.com> Benjamin Barenblat <bbaren@google.com> Benjamin Black <b@b3k.us> Benjamin Cable <cable.benjamin@gmail.com> Benjamin Hsieh <tanookiben@users.noreply.github.com> Benjamin Peterson

benjamin@python.org> Benjamin Prosnitz

bprosnitz@google.com> Benjamin Wester

bwester@squareup.com> Benjamin Wuethrich <benjamin.wuethrich@gmail.com> Benny Siegert

siegert@gmail.com> Benoit Sigoure <tsunanet@gmail.com> Berengar Lehr <Berengar.Lehr@gmx.de> Berkant Ipek <41230766+0xbkt@users.noreply.github.com> Bharath Thiruveedula <tbharath91@gmail.com> Bhavin Gandhi <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 <billziss@navimatics.com> Billie Harold Cleek <bhcleek@gmail.com> Billy Lynch <wlynch@google.com> Billy Zaelani Malik <m.billyzaelani@gmail.com> Bjrn Erik Pedersen <bjorn.erik.pedersen@gmail.com> Bjorn Tillenius <bjorn@tillenius.me> Bjorn Tipling <bjorn.tipling@gmail.com> Blain Smith <rebelgeek@blainsmith.com> Blake Gentry <blakesgentry@gmail.com>

Blake Mesdag <blakemesdag@gmail.com> Blake Mizerany <blake.mizerany@gmail.com> Blixt <me@blixt.nyc> Bob Briski <rbriski@gmail.com> Bob McNaughton <bobmcn@gmail.com> Bob Potter <bobby.potter@gmail.com> Bobby DeSimone <bobbydesimone@gmail.com> Bobby Powers <bobbypowers@gmail.com> Boqin Qin <bobbqqin@gmail.com> Boris Nagaev <nagaev@google.com> Borja Clemente <borja.clemente@gmail.com> Boshi Lian <bolian@microsoft.com> Brad Burch <brad.burch@gmail.com> Brad Erickson <bderickson@gmail.com> Brad Fitzpatrick <bradfitz@golang.org> <bradfitz@gmail.com> Brad Garcia <bgarcia@golang.org> Brad Jones <rbjones@google.com> Brad Morgan <brad@morgabra.com> Brad Whitaker <b whitaker@fastly.com> Braden Bassingthwaite <bbassingthwaite@vendasta.com> Bradford Lamson-Scribner <brad.lamson@gmail.com> Bradley Falzon <brad@teambrad.net> Brady Catherman <brady@gmail.com> Brady Sullivan <brady@bsull.com> Branden J. Brown <zephyrtronium@gmail.com> Brandon Bennett

bennett@fb.com> Brandon Gilmore <varz@google.com> Brandon Philips <brandon@ifup.org> Brandon Ryan

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

dcannon@gmail.com> Brett Merrill <brett.j.merrill94@gmail.com> Brian Dellisanti <briandellisanti@gmail.com> Brian Downs <brian.downs@gmail.com> Brian Falk <falk@logicparty.org> Brian G. Merrell <bgmerrell@gmail.com> Brian Gitonga Marete <marete@toshnix.com> <bgmarete@gmail.com> <bgm@google.com> Brian Kennedy

btkennedy@gmail.com> Brian Kessler <brian.m.kessler@gmail.com> Brian Ketelsen <bketelsen@gmail.com> Brian Slesinsky <skybrian@google.com> Brian Smith <ohohvi@gmail.com> Brian Starke <brian.starke@gmail.com> Bryan Alexander <Kozical@msn.com>

Bryan C. Mills <bcmills@google.com> Bryan Chan

dryan.chan@ca.ibm.com> Bryan Ford <bryonsaurus@gmail.com> Bryan Heden <b.heden@gmail.com> Bulat Gaifullin <gaifullinbf@gmail.com> Burak Guven <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 Shapiro <cshapiro@google.com> <cshapiro@golang.org> Carlisia Campos <carlisia@grokkingtech.io> Carlo Alberto Ferraris <cafxx@strayorange.com> Carlos Alexandro Becker <caarlos0@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> 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> Charles Fenwick Elliott < Charles@FenwickElliott.io> Charles Kenney <charlesc.kenney@gmail.com> Charles L. Dorian <cldorian@gmail.com> Charles Lee <zombie.fml@gmail.com> Charles Weill <weill@google.com> Charlotte Brandhorst-Satzkorn <catzkorn@gmail.com>

Chauncy Cullitan <chauncyc@google.com> Chen Zhidong <njutczd@gmail.com> Chen Zhihan <energiehund@gmail.com> Cherry Zhang <cherryyz@google.com> Chew Choon Keat <choonkeat@gmail.com> Chiawen Chen <golopot@gmail.com> Chirag Sukhala <cchirag77@gmail.com> Cholerae Hu <choleraehyq@gmail.com> Chotepud Teo <AlexRouSg@users.noreply.github.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 <brownie@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 <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 <chris.cahoon@gmail.com> 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 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> 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> 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 <harringtond@google.com> Dan Jacques <dnj@google.com>

Dan Johnson <computerdruid@google.com> Dan Peterson <dpiddy@gmail.com> Dan Pupius <dan@medium.com> Dan Scales <danscales@google.com> Dan Sinclair <dan.sinclair@gmail.com> Daniel Cohen <dcohen@gatech.edu> 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 Mart <mvdan@mvdan.cc> Daniel McCarney <cpu@letsencrypt.org> Daniel Morsing <daniel.morsing@gmail.com> Daniel Nadasi <dnadasi@google.com> 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 <daniel.rosseau@gmail.com> 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 <danderson@google.com> David Barnett <dbarnett@google.com> David Benjamin <davidben@google.com> David Bond <davidsbond93@gmail.com> David Brophy <dave@brophy.uk> 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 david.crawshaw@goencoms-crawshaw@goen David du Colombier <0intro@gmail.com> David Finkel <david.finkel@gmail.com> David Forsythe <dforsythe@gmail.com> David G. Andersen <dave.andersen@gmail.com> David Glasser <glasser@meteor.com> David Golden <david@autopragmatic.com> David Heuschmann <heuschmann.d@gmail.com> David Howden <dhowden@gmail.com> David Hubbard <dsp@google.com> David Jakob Fritz <david.jakob.fritz@gmail.com> David Jones <dxjones@gmail.com> David Lazar <lazard@golang.org> 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 <dsymonds@golang.org> 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> 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 <dhruvdutt.jadhav@gmail.com> Di Xiao <dixiao@google.com> Didier Spezia <didier.06@gmail.com> Diego Siqueira <diego9889@gmail.com> Dieter Plaetinck <dieter@raintank.io> 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 <dvyukov@google.com> 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> 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> Duco van Amstel <duco.vanamstel@gmail.com> Duncan Holm <mail@frou.org> Dustin Carlino <dcarlino@google.com> Dustin Herbison <djherbis@gmail.com> Dustin Long <dustmop@gmail.com> Dustin Sallings <dsallings@gmail.com> Dustin Shields-Cloues <dcloues@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> 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> 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 <ebiggers@google.com> Eric Brown <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> 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 <blablaechthema@hotmail.com> Esko Luontola <esko.luontola@gmail.com> Ethan Burns <eaburns@google.com> Ethan Miller <eamiller@us.ibm.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 cposener@gmail.com> Fabian Wickborn <fabian@wickborn.net> Fabian Zaremba <fabian@youremail.eu>

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> 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 Patan <florinpatan@gmail.com> Folke Behrens <folke@google.com> Ford Hurley <ford.hurley@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 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> 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> 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 <ltnwgl@gmail.com> 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 <hartzell@alerce.com> 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 @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 @bontequero (2674999) <bontequero@gmail.com> GitHub User @cch123 (384546) <buaa.cch@gmail.com> GitHub User @chainhelen (7046329) <chainhelen@gmail.com> GitHub User @chanxuehong (3416908) <chanxuehong@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 @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 @hengwu0 (41297446) <41297446+hengwu0@users.noreply.github.com> GitHub User @hitzhangjie (3725760) <hit.zhangjie@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 @Kropekk (13366453) <kamilkropiewnicki@gmail.com> GitHub User @linguohua (3434367) <lghchinaidea@gmail.com> GitHub User @LotusFenn (13775899) <fenn.lotus@gmail.com> GitHub User @ly303550688 (11519839) <vang.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 @pityonline (438222) <pityonline@gmail.com> GitHub User @po3rin (29445112) <abctail30@gmail.com> GitHub User @pokutuna (57545) <popopopopokutuna@gmail.com> GitHub User @pytimer (17105586) <lixin20101023@gmail.com> GitHub User @ramenjuniti (32011829) <ramenjuniti@gmail.com> GitHub User @saitarunreddy (21041941) <saitarunreddypalla@gmail.com> GitHub User @shogo-ma (9860598) < Choroma194@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 @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 @uropek (39370426) <uropek@gmail.com> GitHub User @utkarsh-extc (53217283) <utkarsh.extc@gmail.com> GitHub User @witchard (4994659) <witchard@hotmail.co.uk> 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> 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> Guillaume J. Charmes <guillaume@charmes.net> Guillaume Sottas <guillaumesottas@gmail.com> Gnther Noack <gnoack@google.com> Guobiao Mei <meiguobiao@gmail.com> Guoliang Wang <iamwgliang@gmail.com> Gustav Paul <gustav.paul@gmail.com> Gustav Westling <gustav@westling.xyz> Gustavo Franco <gustavorfranco@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 <hajimehoshi@gmail.com> Hallgrimur Gunnarsson <halg@google.com>

HAMANO Tsukasa <hamano@osstech.co.jp> Han-Wen Nienhuys <hanwen@google.com> Hang Qian <hangqian90@gmail.com> Hanjun Kim <hallazzang@gmail.com> Hanlin Shi <shihanlin9@gmail.com> Haoran Luo <haoran.luo@chaitin.com> Haosdent Huang <haosdent@gmail.com> Harald Nordgren <haraldnordgren@gmail.com> Hari haran <hariharan.uno@gmail.com> Hariharan Srinath <srinathh@gmail.com> Harley Laue <losinggeneration@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 <hloeffler@users.noreply.github.com> Hvard Haugen <havard.haugen@gmail.com> 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 <henrik.edwards@gmail.com> Henrik Hodne <henrik@hodne.io> Henrique Vicente <henriquevicente@gmail.com> Henry Adi Sumarto <henry.adisumarto@gmail.com> 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 <herbert.fischer@gmail.com> Herbie Ong <herbie@google.com> Heschi Kreinick <heschi@google.com> Hidetatsu Yaginuma <ygnmhdtt@gmail.com> Hilko Bengen <bengen@hilluzination.de> 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> Songlin Jiang <hollowman@hollowman.ml> Hong Ruiqi <hongruiqi@gmail.com> Hongfei Tan <feilengcui008@gmail.com> Horacio Duran <horacio.duran@gmail.com> Horst Rutter < hhrutter@gmail.com> Hossein Sheikh Attar <hattar@google.com> Howard Zhang <howard.zhang@arm.com>

Hsin Tsao <tsao@google.com> Hsin-Ho Yeh <yhh92u@gmail.com> Hu Keping <hukeping@huawei.com> 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 <hyoyoung@gmail.com> Ian Cottrell <iancottrell@google.com> Ian Davis <nospam@iandavis.com> Ian Gudger <ian@loosescre.ws> Ian Haken <i haken@netflix.com> Ian Kent <iankent85@gmail.com> Ian Lance Taylor <iant@golang.org> Ian Leue <ian@appboy.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> 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 <bluesriverz@gmail.com> Igor Vashyst <ivashyst@gmail.com> Igor Zhilianin <igor.zhilianin@gmail.com> Ikko Ashimine <eltociear@gmail.com> Illya Yalovyy <yalovoy@gmail.com> 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 <ikrabbe.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 <krasin@golang.org>

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.aarts1@gmail.com> Jack Britton <jackxbritton@gmail.com> Jack Lindamood <jlindamo@justin.tv> 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 <jacobwalker0814@gmail.com> Jaden Teng <long.asyn@gmail.com> Jae Kwon <jae@tendermint.com> Jake B <doogie1012@gmail.com> 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 <jrtc27@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 Fysh <james.fysh@gmail.com> James Gray <james@james4k.com> James Hartig <fastest963@gmail.com> James Kasten <jdkasten@google.com> James Lawrence <ijiatone@gmail.com> James Meneghello <rawrz0r@gmail.com> James Myers <jfmyers9@gmail.com> James Naftel <james.naftel@gmail.com> James Neve <jamesoneve@gmail.com> James Nugent <james@jen20.com> James P. Cooper <jamespcooper@gmail.com> James Robinson <jamesr@google.com> <jamesr.gatech@gmail.com> James Schofield <james@shoeboxapp.com>

James Smith <jrs1995@icloud.com> James Sweet <james.sweet88@googlemail.com> James Toy <nil@opensesame.st> James Treanor <jtreanor3@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 <jkerr113@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 < jrevillas@massivedynamic.io> Javier Segura <javism@gmail.com> 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-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> <jeff.allen@gmail.com> Jeff Sickel <jas@corpus-callosum.com> Jeff Wendling <jeff@spacemonkey.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> 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 <jiacai2050@gmail.com> Jiahao Lu <lujjjh@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 <jminter@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> Jiong Du <londevil@gmail.com> Jirka Dank <dnk@mail.muni.cz> Jiulong Wang <jiulongw@gmail.com> Joakim Sernbrant <serbaut@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 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 <proppy@google.com> Johan Jansson <johan.jansson@iki.fi> Johan Knutzen <johan@senri.se> Johan Sageryd <j@1616.se> John Asmuth <jasmuth@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 Jeffery <jjeffery@sp.com.au> John Jenkins <twodopeshaggy@gmail.com> John Leidegren <john.leidegren@gmail.com> John McCabe <john@johnmccabe.net> John Moore <johnkenneth.moore@gmail.com> John Newlin <jnewlin@google.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 <johnweldon4@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 <dijonkitchen@users.noreply.github.com> 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> 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> 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 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 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 <jtolds@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> 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 <kate.manson@izettle.com> Katharine Berry <ktbry@google.com> Katie Hockman <katie@golang.org> Kato Kazuyoshi <kato.kazuyoshi@gmail.com> Katrina Owen <katrina.owen@gmail.com> 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> Kelly Heller <pestophagous@gmail.com> 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 <kenji.kaneda@gmail.com> 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 <kevswanberg@gmail.com> Kevin Ballard <kevin@sb.org> Kevin Burke <kev@inburke.com> Kvin Dunglas <dunglas@gmail.com> Kevin Gillette <extemporalgenome@gmail.com>

Kevin Kirsche <kev.kirsche@gmail.com> 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 <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> Kim Shrier <kshrier@racktopsystems.com> Kim Yongbin <kybinz@gmail.com> Kir Kolyshkin <kolyshkin@gmail.com> Kirill Korotaev <kirillx@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 <ktsanaktsidis@zendesk.com> 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 <konstantin8105@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 <krousey@google.com> Kristopher Watts <traetox@gmail.com> Krzysztof Dbrowski <krzysdabro@live.com> Kshitij Saraogi <kshitijsaraogi@gmail.com> Kun Li <likunarmstrong@gmail.com> Kunpei Sakai <namusyaka@gmail.com> Kuntal Majumder <hellozee@disroot.org> Kush Patel <kush.patel@hootsuite.com> 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> Larry Clapp <larry@theclapp.org> Larry Hosken <lahosken@golang.org> Lars Jeppesen <jeppesen.lars@gmail.com> Lars Lehtonen <lars.lehtonen@gmail.com> Lars Wiegman <lars@namsral.com> Larz Conwell <larzconwell@gmail.com> Laurent Voisin <lpvoisin@gmail.com> Laurie Clark-Michalek <laurie@qubit.com> LE Manh Cuong <cuong.manhle.vn@gmail.com> Lee Hinman <hinman@gmail.com> Lee Packham <lpackham@gmail.com> Lehner Florian <dev@der-flo.net> Leigh McCulloch <leighmcc@gmail.com> Leo Antunes <leo@costela.net> Leo Rudberg google.com> Leon Klingele <git@leonklingele.de> 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> Liam Haworth liam@haworth.id.au> Lily Chung lilithkchung@gmail.com> Lingchao Xin <douglarek@gmail.com> Lion Yang lion@aosc.xyz> Liz Rice <liz@lizrice.com> Lloyd Dewolf <foolswisdom@gmail.com> Lorenz Bauer <lmb@cloudflare.com> Lorenz Brun <lorenz@brun.one> Lorenz Nickel <mail@lorenznickel.de> Lorenzo Masini <rugginoso@develer.com> Lorenzo Stoakes <lstoakes@gmail.com> 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 < lmmilewski@gmail.com> Luke Champine <luke.champine@gmail.com> Luke Curley <qpingu@gmail.com> Luke Granger-Brown <git@lukegb.com> 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 <laboger@linux.vnet.ibm.com> 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> 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 Harrison <marhar@google.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 Mohrmann <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 Reiferson <mreiferson@gmail.com> 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 </ https://www.Holt+git@gmail.com> Matthew Horsnell <matthew.horsnell@gmail.com> Matthew Waters <mwwaters@gmail.com> Matthieu Hauglustaine <matt.hauglustaine@gmail.com> Matthieu Olivier <olivier.matthieu@gmail.com> Matthijs Kooijman <matthijs@stdin.nl> 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> Meir Fischer <meirfischer@gmail.com> Meng Zhuo <mengzhuo1203@gmail.com> <mzh@golangcn.org> Mhd Sulhan <m.shulhan@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> Micha owicki <mlowicki@gmail.com> Michal Pristas <michal.pristas@gmail.com> Michal Rostecki <mrostecki@suse.de> Michalis Kargakis <michaliskargakis@gmail.com> Michel Lespinasse <walken@google.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 <MihaiBorobocea@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 <kabischev@gmail.com> 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 Fesenko <proggga@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

bicelot3@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> Mostyn Bramley-Moore <mostyn@antipode.se> Mrunal Patel <mrunalp@gmail.com> Muhammad Falak R Wani <falakreyaz@gmail.com> Muhammad Hamza Farrukh < hamzafarrukh141@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> Naman Aggarwal <aggarwal.nam@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 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 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> <nickcw@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 <nrobinson13@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 <nkryuchkov10@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> Noble Johnson <noblepoly@gmail.com> Nodir Turakulov <nodir@google.com> Noel Georgi <git@frezbo.com> Norberto 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 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> 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> Panos Georgiadis <pgeorgiadis@suse.de> Pantelis Sampaziotis <psampaz@gmail.com> Paolo Giarrusso <p.giarrusso@gmail.com> Paolo Martini <mrtnpaolo@gmail.com> Parker Moore <parkrmoore@gmail.com> Parminder Singh cparmsingh101@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 <barkerp@vmware.com> Patrick Crosby <patrick@stathat.com> Patrick Gavlin <pgavlin@gmail.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> Paul A Querna <paul.querna@gmail.com> Paul Borman <borman@google.com> Paul Boyd <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 <pcasaretto@gmail.com> Paulo Flabiano Smorigo <pfsmorigo@linux.vnet.ibm.com> Paulo Gomes <paulo.gomes.uk@gmail.com> Pavel Paulau <pavel.paulau@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> Pei Xian Chee <luciolas1991@gmail.com> Pei-Ming Wu <p408865@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 conerly@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 cpmoody@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 <pteichman@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 cphofer@umich.edu> Philip K. Warren cpkwarren@gmail.com> Philip Nelson <me@pnelson.ca> Philipp Stephani <phst@google.com> Phillip Campbell <15082+phillc@users.noreply.github.com> Pierre Carru <pierre.carru@eshard.com> Pierre Durand <pierredurand@gmail.com> Pierre Prinetti <pierreprinetti@gmail.com> Pierre Roullon <pierre.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> Prasanga Siripala <pj@pjebs.com.au> Prasanna Swaminathan <prasanna@mediamath.com> Prashant Agrawal cprashant.a.vjti@gmail.com> Prashant Varanasi <prashant@prashantv.com> Praveen Kumar <praveen+git@kumar.in> Pravendra Singh <hackpravj@gmail.com> 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> 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 Chaudhry <rahulchaudhry@chromium.org> Rahul Wadhwani <rahulwadhwani21@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 <dharan@google.com> 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>

Raymond Kazlauskas <raima220@gmail.com> Rebecca Stambler <rstambler@golang.org> Reilly Watson <reillywatson@gmail.com> Reinaldo de Souza Jr <juniorz@gmail.com> Remi Gillig <remigillig@gmail.com> Rmy Oudompheng <oudomphe@phare.normalesup.org> <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> 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 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> 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 Daniel Kortschak </ dan.kortschak@adelaide.edu.au> </ dan@kortschak.io> Robert Dinu <r@varp.se> 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 <rohanverma2004@gmail.com> Rohith Ravi <entombedvirus@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 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 <jrcanty@gmail.com> Ryan Dahl <ry@tinyclouds.org> Ryan Hitchman <hitchmanr@gmail.com> Ryan Kohler <ryankohler@google.com> Ryan Lower <rpjlower@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> 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 <kirandasika30@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> 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> Scott Barron <scott.barron@github.com> Scott Bell <scott@sctsm.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 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 Lukjanov <me@slukjanov.name> Sergey Mishin <sergeymishine@gmail.com> Sergey Mudrik <sergey.mudrik@gmail.com> Sergey Semin <gray12511@gmail.com> Sergey Yanykin <syanykin@ozon.ru> Sergio Luis O. B. Correia <sergio@correia.cc> Sergiusz Bazanski <bazanski@gmail.com> Serhat Givdiren <serhatgivdiren@gmail.com> Serhii Aheienko <serhii.aheienko@gmail.com> Seth Hoenig <seth.a.hoenig@gmail.com> Seth Vargo <sethvargo@gmail.com> Shahar Kohanim <skohanim@gmail.com> Shailesh Suryawanshi <ss.shailesh28@gmail.com> Shamil Garatuev <garatuev@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 <shengyu.zhang@chaitin.com>

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> Shubham Sharma <shubham.sha12@gmail.com> Shun Fan <sfan@google.com> Silvan Jegen <s.jegen@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 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> Songjiayang <songjiayang1@gmail.com> 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> 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> Suyash <dextrous93@gmail.com> Suzy Mueller <suzmue@golang.org> Sven Almgren <sven@tras.se> Sven Blumenstein <svbl@google.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> Thanabodee Charoenpiriyakij <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 <talan.copeland@gmail.com> 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 <habets@google.com> Thomas Kappler <tkappler@gmail.com> Thomas Meson <zllak@hycik.org> Thomas Symborski <thomas.symborski@gmail.com> Thomas Wanielista <tomwans@gmail.com> Thorben Krueger <thorben.krueger@gmail.com> Thordur Bjornsson <thorduri@secnorth.net> Tiago Queiroz <contato@tiago.eti.br> Tianji Wu <the729@gmail.com>

Tianon Gravi <admwiggin@gmail.com> Tilman Dilo <tilman.dilo@gmail.com> Tim Cooijmans <timcooijmans@gmail.com> 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> 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 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 Strohman <trevor.strohman@gmail.com> Trey Lawrence <lawrence.trey@gmail.com> 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> 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> 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> 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 <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> 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> 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 <willbeason@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 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 Xing <mikespook@gmail.com> Xingqang Bai
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> 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 <vo.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> Yu Heng Zhang <annita.zhang@cn.ibm.com> Yu Xuan Zhang <zyxsh@cn.ibm.com> Yuichi Kishimoto <yk2220s@gmail.com> Yuichi Nishiwaki <yuichi.nishiwaki@gmail.com> Yuji Yaginuma <yuuji.yaginuma@gmail.com> Yuki OKUSHI <huyuumi.dev@gmail.com> Yuki Yugui Sonoda <yugui@google.com> Yukihiro Nishinaka <6elpinal@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 Jones <zachj1@gmail.com> Zachary Amsden <zach@thundertoken.com> Zachary Gershman <zgershman@pivotal.io> 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> Zhongpeng Lin <zplin@uber.com> Zhongtao Chen <chenzhongtao@126.com> Zhongwei Yao <zhongwei.yao@arm.com> Zhou Peng <p@ctriple.cn> Ziad Hatahet <hatahet@gmail.com> Ziheng Liu <lzhfromustc@gmail.com> Zorion Arrizabalaga <zorionk@gmail.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>

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.

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)

©2022 Cisco Systems, Inc. All rights reserved.