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nbio/st 20140626-snapshot-e9e8d981, Netty Reactive Streams Implementation 1.0.8, Netty/Resolver 2.0.36, Netty/Resolver/DNS 2.0.36, Nimbus-JOSE-JWT 8.4, Nimbus-JOSE-JWT 9.2, nscala-time 2.0.0, numbers 0.11.1, NYTimes-gziphandler 20170623-snapshot-56545f4a, NYTimes-gziphandler v1.1.1, open-telemetry/opentelemetry-go exporters/otlp/otlptrace/otlptracegrpc/v1.25.0, open-telemetry/opentelemetry-go exporters/otlp/otlptrace/otlptracegrpc/v1.26.0, open-telemetry/opentelemetry-go exporters/otlp/otlptrace/otlptracegrpc/v1.32.0, open-telemetry/opentelemetry-go exporters/otlp/otlptrace/otlptracehttp/v1.19.0, open-telemetry/opentelemetry-go exporters/otlp/otlptrace/v1.25.0, open-telemetry/opentelemetry-go exporters/otlp/otlptrace/v1.26.0, open-telemetry/opentelemetry-go exporters/otlp/otlptrace/v1.32.0, open-telemetry/opentelemetry-go metric/v1.30.0, open-telemetry/opentelemetry-go metric/v1.32.0, open-telemetry/opentelemetry-go sdk/v1.25.0, open-telemetry/opentelemetry-go sdk/v1.26.0, open-telemetry/opentelemetry-go sdk/v1.32.0, open-telemetry/opentelemetry-go trace/v1.30.0, open-telemetry/opentelemetry-go trace/v1.32.0, open-telemetry/opentelemetry-go v1.30.0, open-telemetry/opentelemetry-go v1.32.0, open-telemetry/opentelemetry-go-contrib instrumentation/github.com/gin-gonic/gin/otelgin/v0.46.1, open-telemetry/opentelemetry-go-contrib instrumentation/github.com/gin-gonic/gin/otelgin/v0.49.0, open-telemetry/opentelemetry-go-contrib instrumentation/github.com/gin-gonic/gin/otelgin/v0.50.0, open-telemetry/opentelemetry-go-contrib instrumentation/github.com/gin-gonic/gin/otelgin/v0.51.0, open-telemetry/opentelemetry-go-contrib instrumentation/github.com/gin-gonic/gin/otelgin/v0.52.0, open-telemetry/opentelemetry-go-contrib instrumentation/github.com/gin-gonic/gin/otelgin/v0.57.0, open-telemetry/opentelemetry-go-contrib instrumentation/google.golang.org/grpc/otelgrpc/v0.49.0, open-telemetry/opentelemetry-go-contrib instrumentation/net/http/otelhttp/v0.55.0, open-telemetry/opentelemetry-go-contrib instrumentation/net/http/otelhttp/v0.57.0, open-telemetry/opentelemetry-go-contrib propagators/b3/v1.21.1, open-telemetry/opentelemetry-go-contrib propagators/b3/v1.24.0, open-telemetry/opentelemetry-go-contrib propagators/b3/v1.25.0, open-telemetry/opentelemetry-go-contrib propagators/b3/v1.26.0, open-telemetry/opentelemetry-go-contrib propagators/b3/v1.27.0, open-telemetry/opentelemetry-go-contrib propagators/b3/v1.32.0, OpenCensus v0.4.1, opencontainers-runtime-spec v1.2.0, opencontainers/image-spec v1.1.0, opencontainers/selinux v1.11.0, OpenSSL 3.0.2, OpenSSL 3.1.4, OpenSSL 3.1.7, OpenSSL 3.3.2, ory/dockertest v3.11.0, p6spy 3.9.1, parboiled 1.1.7, parboiled 1.2.0, parboiled-scala 1.3.1, parser 0.11.1, platform 0.0.5, platform-python-pip 9.0.3, Play 2.5.19, Play-AHC-WS 2.8.1, play-ahc-ws-standalone 2.1.1, Play-DataCommons 2.5.19, Play-Exceptions 2.5.19, Play-Exceptions 2.8.6, Play-Functional 2.5.19, play-functional 2.8.1, Play-Iteratees 2.5.19, Play-Json 2.5.19, play-json 2.8.1, Play-Netty-Utils 2.5.19, Play-Streams 2.5.19, Play-Streams 2.8.0, Play-WS 2.5.19, Play-WS 2.8.6, play-ws-standalone 2.1.2, play-ws-standalone-json 2.1.1, play-ws-standalone-xml 2.1.2, pmezard-go-diffli b 20190219-snapshot-5d4384ee, projectatomic/skopeo 1, Prometheus Java Simpleclient 0.5.0, Prometheus Java Simpleclient Common 0.5.0, Prometheus Java Simpleclient Httpserver 0.5.0, prometheus-client\_model v0.5.0, prometheus-client\_model v0.6.1, prometheus-common v0.48.0, prometheus-common v0.60.1, prometheus-procfs v0.12.0, prometheus-procfs v0.15.1, psf-requests 2.18.4, python-hpack 1.0.2, python3-pip-wheel 9.0.3, redis/rueidis v1.0.19, redislock v0.9.4, Rsteasy Jackson 2 Provider 3.13.0.Final, RSTEasy JAX-RS Client 3.13.0.Final, Rsteasy Multipart Provider 3.13.0.Final, rsyslog 8.2102.0, runc v1.2.1, Scala 2.12.17, Scala 2.12 wrapper for Log4j API 12.0, scala-collection-compat 2.0.0, scala-java8-compat 0.9.0, scala-logging 3.9.2, scala-parser-combinators 1.1.2, scala-reflect 2.11.7, scala-xml 1.2.0, scala/scala-xml v1.0.3, scalastyle 1.4.0, shaded-asynchttpclient 2.1.1, shaded-oauth 1.1.0, shapeless-core 2.3.3, sigs.k8s.io/json 20221116-snapshot-bc3834ca, sigs.k8s.io/json 20241014-snapshot-cfa47c3a, sigs.k8s.io/yaml v1.4.0, SmallRye Common: Annotations 1.0.2, SmallRye Common: Constraints 1.0.2, SmallRye Common: Expressions 1.0.2, SmallRye Common: Functions 1.0.2, SmallRye: Common classes 1.8.1, SmallRye: MicroProfile Config Implementation 1.8.1, socco-ng 0.1.1, spf13-afero v1.11.0, spf13-cobra 1.8.0, spray JSON v1.3.6, spray-can 1.3.3, spray-json 1.3.5, spray-routing 1.3.3, spray-routing-shapeless2 1.3.3, ssl-config-core 0.2.1, ssl-config-core 0.4.2, swag v0.22.3, swag v0.23.0, swagger-core 1.3.11, swagger-core 2.1.2, swagger-integration 2.1.2, swagger-jaxrs 1.3.11, swagger-jaxrs2 2.1.2,

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(Perl 5.34.0)

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(Cyan4973/xxHash v0.8.1)

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(libgcc 8.5.0)

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(evanphx/json-patch v4.12.0)

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([github.com/rogpeppe/fastuuid](https://github.com/rogpeppe/fastuuid) v1.2.0)

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(scala-parser-combinators 1.0.4, scala-parser-combinators 1.0.6)

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(gorilla/mux v1.7.4)

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(julianschmidt/httprouter v1.3.0)

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(gogo/protobuf v1.3.2)

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(jline 2.12.1, JLine - Java Console input Library 2.12.1)

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(libzstd 1.4.4, zstd 1.4.8)

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(libtirpc 1.1.4)

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(python-webencodings 0.5)

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(libdb 5.3.28)

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(pmezard-go-difflib 1.0.0)

Source: <https://github.com/pmezard/go-difflib>

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(cloudflare/golz4 20150217-snapshot-ef862a3c)

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(go-flowrate 20140419-snapshot-cca7078d)

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(golang-github-spf13-pflag-dev v1.0.5)

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(golang-snappy-go-dev v0.0.4)

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(mymysql v1.5.4)

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(p11-kit 0.23.22, p11-kit 0.24.0)

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(colorama 0.3.7)

Source: <http://pypi.python.org/pypi/colorama/>

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(argonaut-io/argonaut 6.1)

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(mergo v0.3.6)

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(cyrus-sasl-lib 2.1.27, util-linux 2.32.1)

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(libstdc++6 12.3.0, Perl 5.34.0, ubuntu-keyring 2021.03.26)

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Version 3, 29 June 2007

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Version 3, 29 June 2007

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(glibc-minimal-langpack 2.28)

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Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

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Version 3, 29 June 2007

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Version 2, June 1991

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(golang-jwt/jwt 3.2.2)

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(cenkalti/backoff v3.0.0)

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(jsoniter-go v1.1.12)

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(libnghttp2 1.33.0)

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(natefinch/atomic v1.0.1)

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(ryanuber-go-glob v1.0.0)

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(kisielk-gotool v1.0.0)

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(ClassGraph 4.8.65)

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(jnr-x86asm 1.0.2)

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(gregjones/httpcache 20180514-snapshot-9cad4c34)

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(libexpat 2.2.5, libexpat 2.2.8)

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(armon-go-radix 20180808-snapshot-7fddfc38, armon-go-socks5 20160902-snapshot-e7533296)

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(ClickHouse/clickhouse-go v1.5.4)

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(jackc/pgpassfile v1.0.0)

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(libpsl 0.21.0)

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(libxkbcommon 0.9.1)

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(go-test/deep v1.0.2)

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(libmodulemd 2.8.3)

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(jtolds-gls v4.20.0)

Source: <https://github.com/jtolds/gls>

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(stvp/tempredis 20181119-snapshot-b82af848)

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(brotli 1.0.6)

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(chzyer/test 20190214-snapshot-a1ea475d)

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(libveto-glib1 0.3.2)

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(yuin/goldmark v1.2.1)

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v1.29.0, gomega v1.31.0, gomega v1.33.1, govalidator 20190424-snapshot-f61b66f8, goware/urlx v0.3.2, h2non/gock v1.2.0, hashicorp/go-hclog v1.5.0, jackc/pgservicefile 20240606-snapshot-5a60cdf6, jackc/puddle v2.2.2, JCL 1.2 Implemented Over SLF4J 1.7.21, jinzhu/copier v0.4.0, json-c 0.17, JUL to SLF4J bridge 1.7.21, JUL to SLF4J bridge 1.7.30, kernel 1.5.0, kernelLaws 0.8.1, klauspost-cpuid v2.2.7, klauspost-cpuid v2.2.9, kr/pretty v0.3.1, laws 0.8.1, leodido/go-urn v1.4.0, libcomerr2 1.45.6, libxml2 2.9.7, lua-libs 5.3.4, machinist 0.6.6, macros 1.5.0, mapstructure v1.5.0, mattn-go-colorable 0.1.13, mattn-go-isatty v0.0.20, Microsoft-go-winio v0.6.2, mkevaca/debugcharts 20191222-snapshot-ae1c48aa, monocle-core 1.2.0-M2, monocle-macro 1.2.0-M2, musl 1.2.4, musl 1.2.4\_git20230717, musl 1.2.5, natefinch/lumberjack v2.2.1, ncurses 6.4\_p20231125, ncurses-libs 6.1, nghttp2 v1.52.0, nghttp2 v1.58.0, onsi/ginkgo v2.13.0, onsi/ginkgo v2.15.0, onsi/ginkgo v2.19.0, parser 0.14.2, parser 0.14.3, parser 1.0.0, paulmach/orb v0.11.1, paulmach/protoscan v0.2.1, pgx v5.7.1, popt 1.18, pq v1.10.9, pressly/goose v3.22.1, pypi/setuptools 39.2.0, sagikazarmark/crypt v0.17.0, sagikazarmark/crypt v0.19.0, segmentio/asm v1.2.0, shopspring-decimal v1.4.0, Sirupsen/logrus v1.9.3, SLF4J API Module 1.7.30, SLF4J API Module 1.7.31, SLF4J API Module 1.7.36, SLF4J Simple Binding 1.7.29, SLF4J Simple Binding 1.7.30, sourcegraph/conc v0.3.0, spf13-cast v1.6.0, spf13-cast v1.7.0, stretchr/objx v0.5.2, su-exec 0.2, subosito/gotenv v1.6.0, systemd-libs 239, systemd-pam 239, systemd-rpm-macros 239, terminfo-base 6.1, testcontainers/testcontainers-go v0.33.0, uber-go/atomic v1.11.0, ugorji's go codec/v1.2.12, urfave-cli v1.22.14, xkeyboard-config 2.28, yaml for Go v3.0.1, youmark/pkcs8 20181117-snapshot-1be2e3e5, youmark/pkcs8 20240726-snapshot-a2c0da24, yuin/gopher-lua v1.1.1, yuin/goldmark v1.4.13)

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(urfave/negroni v1.0.0)

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(libffi 3.1, libffi 3.4.2)

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(go-ole-go-ole v1.2.6)

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(mailru/easyjson v0.7.7)

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(goconvey v1.6.4)

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(PyTZ - Python Time Zone Library 2018.4, PyTZ - Python Time Zone Library 2018.5)

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(pip 9.0.3, platform-python-pip 9.0.3, python3-pip-wheel 9.0.3)

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(urllib3 1.22)

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(jpillora-backoff 1.0.0)

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(auth0/go-jwt-middleware v1.0.1)

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(tidwall/pretty v1.0.0)

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(LibYAML 0.1.7)

Upstream-Contact: Kirill Simonov

Source: <http://pyyaml.org/wiki/LibYAML>

Files: \*

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(golang-stats 20180628-snapshot-1bf9dbcd)

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(gin-contrib/sse v0.1.0)

Source: <https://github.com/gin-contrib/sse>

Files: \*

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Files: debian/\*

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Comment: Debian packaging is licensed under the same terms as upstream

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(form3tech-oss/jwt-go v3.2.2, form3tech-oss/jwt-go v3.2.5)

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(beorn7-perks v1.0.1)

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(x448/float16 v0.8.4)

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(mitchellh-go-homedir v1.1.0)

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(platform-python-setuptools 39.2.0, python3-setuptools-wheel 39.2.0)

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(dumb-init 1.2.5)

2016-2019 Dmitry Smirnov

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(libmodulemd 2.13.0)

Comment:

Obtained from <https://github.com/fsaintjacques/semver-tool>

Files: debian/\*

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(mitchellh-go-wordwrap v1.0.0)

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(aymerick/douceur v0.2.0)

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Source: <https://github.com/aymerick/douceur>

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(errcheck v1.5.0-alpha)

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(krb5-libs 1.18.2)

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(uber-go/atomic v1.9.0)

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(patrickmn-go-cache 2.1.0)

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(Dataflow 3.1.1)

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Upstream-Name: [github.com/kr/text](https://github.com/kr/text)

Source: <https://github.com/kr/text/>

Files: \*

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(golang-github-ryanuber-columnize 2.1.0)

Source: <https://github.com/ryanuber/columnize>

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(joeshaw/multierror 20140124-snapshot-69b34d4e)

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(OpenSSL 1.1.1k)

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(alicebob/gopher-json 20230218-snapshot-906a9b01, skeeto/optparse-go v1.0.0)

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(MySQL 5.7.43)

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(curl 7.61.1, curl 8.9.1)

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(dom4j: flexible XML framework for Java 1.6.1)

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