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1.1 github.com/cyphar/filepath-securejoin 0.2.3

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1.2 logrus 1.8.1

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1.3 goprotobuf 1.5.2

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Protocol Buffers for Go with Gadgets

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

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1.4 afero 1.6.0

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1.5 sigs.k8s.io-json 0.0.0-20220713155537f223a00ba0e2

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1.6 inconshreveable-mousetrap 1.0.1

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1.7 goautoneg 0.0.0-20191010083416a7dc8b61c822

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1.8 containerd-ttrpc 1.1.0

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1.9 golang 1.17.3

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1.13 go-uber-org-multierr 1.6.0

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1.14 go-ole-go-ole 1.2.6

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1.16 grpc-go 1.53.0

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1.17 netlink 1.4.1

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1.18 protobuf 1.28.1

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1.19 gogoprotobuf 1.3.2

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Protocol Buffers for Go with Gadgets

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

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1.20 x-text 0.6.0

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1.21 docker-distribution 2.8.1+incompatible

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Gocheck - A rich testing framework for Go

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https://github.com/golang/protobuf

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

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

https://github.com/matttproud/golang_protobuf_extensions

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procfs provides functions to retrieve system, kernel and process

metrics from the pseudo-filesystem proc.

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1.22 x-text 0.7.0

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1.23 sys-mountinfo 0.6.2

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1.24 ema-qdisc 0.0.0-20200603082823-62d0308e3e00

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1.25 prometheus-node-exporter 1.3.1

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1.26 blang-semver 3.5.1+incompatible

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1.27 go-kit-log 0.2.0

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1.28 yaml 1.2.0

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1.29 go-winio 0.4.17

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1.30 gopkg.in-yaml 3.0.1

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1.31 github.com/checkpoint-restore/go-criu/v5 5.3.0

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1.32 yaml 1.3.0

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 $*/opt/cola/permits/1239779989_1646935505.0/0/helidon-config-yaml-1-3-0-sources-jar/META-INF/services/java.nio.file.spi.FileTypeDetector$

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io.helidon.config.yaml.internal.YamlConfigParser
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*/opt/cola/permits/1239779989_1646935505.0/0/helidon-config-yaml-1-3-0-sources-jar/META-
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jar/io/helidon/config/yaml/internal/YamlFileTypeDetector.java
*/opt/cola/permits/1239779989_1646935505.0/0/helidon-config-yaml-1-3-0-sources-
jar/io/helidon/config/yaml/YamlConfigParserBuilder.java
*/opt/cola/permits/1239779989_1646935505.0/0/helidon-config-yaml-1-3-0-sources-
jar/io/helidon/config/yaml/internal/package-info.java
```

 $*/opt/cola/permits/1239779989_1646935505.0/0/helidon-config-yaml-1-3-0-sources-jar/io/helidon/config/yaml/package-info.java$

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1.33 x-time-rate 0.0.0-20220210224613-90d013bbcef8

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1.36 sarama 1.19.0

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1.38 lumberjack 2.2.1

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1.39 x-net 0.0.0-20210525063256abc453219eb5

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1.40 sigs.k8s.io/json 0.0.0-20220713155537f223a00ba0e2

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localtime.go, localtime_test.go:

Originals:

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 $go/ed46f5086358513cf8c25f8e3f022cb838a49d66/civil/civil_test.go~Changes:$

- * Renamed files from civil* to localtime*.
- * Package changed from civil to toml.
- * 'Local' prefix added to all structs.

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1.42 github.com/godbus/dbus/v5 5.0.6

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1.44 github.com/hashicorp/go-envparse 0.0.0-20200406174449-d9cfd743a15e

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```

```
import "testing"
func TestIntegrationLicense(t *testing.T) {
license := License{Name: "the name", URL: "the url"}
const licenseJSON = `{"name":"the name","url":"the url"}`
const licenseYAML = "name: the name\nurl: the url\n"
assertSerializeJSON(t, license, licenseJSON)
assertParsesJSON(t, licenseJSON, license)
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package spec
// License information for the exposed API.
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
Name string `json:"name,omitempty"`
URL string `json:"url,omitempty"`
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1.52 kardianos-service 1.2.2

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1.54 go-openapi-jsonpointer 0.19.5

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1.55 gopkg.in-ini 1.67.0

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1.57 zlib 1.2.11

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1.60 go-units 0.5.0

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1.64 go-runit 0.0.0-20150630195641-06ad41a06c4a

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1.65 ntp 0.3.0

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1.66 go-systemd 22.3.2

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package cloud
import (
"bytes"
"io/ioutil"
"os"
"path/filepath"
"strings"
"testing"
)
var sentinels = []string{
"Copyright",
"Google",
`Licensed under the Apache License, Version 2.0 (the "License");`,
}
func TestLicense(t *testing.T) {
t.Parallel()
err := filepath.Walk(".", func(path string, fi os.FileInfo, err error) error {
 if err != nil {
  return err
 }
 if ext := filepath.Ext(path); ext != ".go" && ext != ".proto" {
  return nil
```

}

```
if strings.HasSuffix(path, ".pb.go") {
 // .pb.go files are generated from the proto files.
 // .proto files must have license headers.
 return nil
if path == "bigtable/cmd/cbt/cbtdoc.go" {
 // Automatically generated.
 return nil
if path == "cmd/go-cloud-debug-agent/internal/debug/elf/elf.go" {
 // BSD license, which is compatible, is embedded in the file.
 return nil
}
src, err := ioutil.ReadFile(path)
if err != nil {
 return nil
src = src[:300] // Ensure all of the sentinel values are at the top of the file.
// Find license
for _, sentinel := range sentinels {
 if !bytes.Contains(src, []byte(sentinel)) {
 t.Errorf("%v: license header not present. want %q", path, sentinel)
 return nil
 }
}
return nil
})
if err != nil {
t.Fatal(err)
}
```

1.84 logfmt 0.5.1

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1.85 kubernetes-apimachinery 0.26.2

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1.86 spf13-pflag 1.0.5

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1.87 godigest 1.0.0

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1.97 gopkg.in/olivere/elastic.v2 2.0.12

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1.98 redigo 0.0.0-20150301180006-535138d7bcd7

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535138d7bcd7-go-zip/github.com/garyburd/redigo@v0.0.0-20150301180006-535138d7bcd7/redis/script.go
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535138d7bcd7-go-zip/github.com/garyburd/redigo@v0.0.0-20150301180006-535138d7bcd7/redis/scan.go
*/opt/cola/permits/1215803691_1636698618.88/0/github-com-garyburd-redigo-v0-0-0-20150301180006-
535138d7bcd7/redis/zpop example test.go
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* /opt/cola/permits/1215803691_1636698618.88/0/github-com-garyburd-redigo-v0-0-0-20150301180006-
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535138d7bcd7/internal/commandinfo.go
* /opt/cola/permits/1215803691_1636698618.88/0/github-com-garyburd-redigo-v0-0-0-20150301180006-
535138d7bcd7-go-zip/github.com/garyburd/redigo@v0.0.0-20150301180006-535138d7bcd7/redis/scan_test.go
* /opt/cola/permits/1215803691_1636698618.88/0/github-com-garyburd-redigo-v0-0-0-20150301180006-
```

*/opt/cola/permits/1215803691_1636698618.88/0/github-com-garyburd-redigo-v0-0-0-20150301180006-535138d7bcd7-go-zip/github.com/garyburd/redigo@v0.0.0-20150301180006-535138d7bcd7/redis/reply_test.go */opt/cola/permits/1215803691_1636698618.88/0/github-com-garyburd-redigo-v0-0-0-20150301180006-535138d7bcd7-go-zip/github.com/garyburd/redigo@v0.0.0-20150301180006-535138d7bcd7/internal/redistest/testdb.go

*/opt/cola/permits/1215803691_1636698618.88/0/github-com-garyburd-redigo-v0-0-0-20150301180006-535138d7bcd7-go-zip/github.com/garyburd/redigo@v0.0.0-20150301180006-
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Redigo is a [Go](http://golang.org/) client for the [Redis](http://redis.io/) database.
Features
* A [Print-like](http://godoc.org/github.com/garyburd/redigo/redis#hdr-Executing_Commands) API with support for all Redis commands. * [Pipelining](http://godoc.org/github.com/garyburd/redigo/redis#hdr-Pipelining), including pipelined transactions. * [Publish/Subscribe](http://godoc.org/github.com/garyburd/redigo/redis#hdr-Publish_and_Subscribe). * [Connection pooling](http://godoc.org/github.com/garyburd/redigo/redis#Pool). * [Script helper type](http://godoc.org/github.com/garyburd/redigo/redis#Script) with optimistic use of EVALSHA. * [Helper functions](http://godoc.org/github.com/garyburd/redigo/redis#hdr-Reply_Helpers) for working with command replies.
Documentation
- [API Reference](http://godoc.org/github.com/garyburd/redigo/redis) - [FAQ](https://github.com/garyburd/redigo/wiki/FAQ)
Installation
Install Redigo using the "go get" command:
go get github.com/garyburd/redigo/redis
The Go distribution is Redigo's only dependency.
Contributing
Contributions are welcome.

Before writing code, send mail to gary@beagledreams.com to discuss what you plan to do. This gives me a chance to validate the design, avoid duplication of effort and ensure that the changes fit the goals of the project. Do not start the discussion with a pull request.

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1.99 yusufpapurcu-wmi 1.2.2

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1.100 github.com/euank/go-kmsg-parser

2.0.0+incompatible

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1.102 protobuf 1.29.1

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- $*/opt/cola/permits/1599093380_1679012443.530537/0/google-http-client-protobuf-1-29-1-sources-jar/com/google/api/client/protobuf/package-info.java$
- $*/opt/cola/permits/1599093380_1679012443.530537/0/google-http-client-protobuf-1-29-1-sources-jar/com/google/api/client/http/protobuf/ProtoHttpContent.java$
- $*/opt/cola/permits/1599093380_1679012443.530537/0/google-http-client-protobuf-1-29-1-sources-jar/com/google/api/client/protobuf/ProtocolBuffers.java$

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1.103 mitchellh-mapstructure 1.4.3

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1.104 leoluk-perflib_exporter 0.1.1-0.20211204221052-9e3696429c20

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1.105 rican7-retry 0.1.1-0.20160712041035-272ad122d6e5

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1.106 go-winio 0.5.2

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1.107 kubernetes-client 0.25.0

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1.108 properties 1.8.5

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1.109 dimchansky-utfbom 1.1.1

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1.110 mangos 3.4.2

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1.111 go-jmespath 0.4.0

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1.112 go-xmlrpc 0.0.3

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1.113 opencontainers-runtime-spec 1.0.3-0.20210326190908-1c3f411f0417

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1.115 godbus 5.0.6

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1.117 x-oauth2 0.0.0-20210514164344f6687ab2804c

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1.118 zapr 1.2.3

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1.121 mesos-go 0.0.7-0.20180413204204-29de6ff97b48

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1.122 gopkg.in-inf 0.9.1

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1.123 x-crypto 0.0.0-20210616213533-5ff15b29337e

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1.124 aws-sdk-go 1.35.24

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1.125 beevik-ntp 0.3.0

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1.126 x-sys 0.0.0-20211117180635-

dee7805ff2e1

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1.127 mitchellh-mapstructure 1.5.0

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1.128 influxdb-influxdb 0.9.6-0.20151125225445-9eab56311373

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1.129 queue 1.1.0

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1.130 olivere-elastic 2.0.12

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#

It is just my small "thank you" to all those that helped

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#

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1.131 go-logr-zapr 1.2.3

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1.137 ttrpc 1.1.0

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1.141 docker 23.0.1+incompatible

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Protocol Buffers for Go with Gadgets

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

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

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

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localtime.go, localtime_test.go:

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 $https://raw.githubusercontent.com/googleapis/google-cloud-go/ed46f5086358513cf8c25f8e3f022cb838a49d66/civil/civil.go \\ https://raw.githubusercontent.com/googleapis/google-cloud-go/ed46f5086358513cf8c25f8e3f022cb838a49d66/civil/civil_test.go Changes: \\$

- * Renamed files from civil* to localtime*.
- * Package changed from civil to toml.
- * 'Local' prefix added to all structs.

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1.143 kube-openapi 0.0.0-20221012153701-

172d655c2280

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package spec
import "testing"
func TestIntegrationLicense(t *testing.T) {
license := License{Name: "the name", URL: "the url"}
const licenseJSON = `{"name":"the name","url":"the url"}`
const licenseYAML = "name: the name\nurl: the url\n"
assertSerializeJSON(t, license, licenseJSON)
assertParsesJSON(t, licenseJSON, license)
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// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
Name string `json:"name,omitempty"`
URL string `json:"url,omitempty"`
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1.144 x-oauth2 0.0.0-20210514164344f6687ab2804c

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1.145 alecthomas-template 0.0.0-20190718012654-fb15b899a751

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1.146 rican7/retry 0.1.1-0.20160712041035-272ad122d6e5

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1.147 x-text 0.3.7

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1.148 d-bus 0.0.0-20190402143921-

271e53dc4968

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1.149 afero 1.9.3

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1.150 gotenv 1.4.2

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1.151 cilium-ebpf 0.7.0

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1.152 go-yaml 2.4.0

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1.153 protobuf 1.27.1

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Protocol Buffers for Go with Gadgets

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

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1.159 exporter-toolkit 0.7.0

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1.160 golang-genproto 0.0.0-20230110181048-76db0878b65f

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1.161 github.com/pelletier/go-toml/v2 2.0.6

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1.162 pflag 1.0.5

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1.163 jpillora-backoff 1.0.0

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1.164 x-oauth2 0.0.0-20220223155221ee480838109b

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1.165 modern-go-reflect2 1.0.2

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1.166 gotenv 1.2.0

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1.167 gogo-protobuf 1.3.2

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Protocol Buffers for Go with Gadgets

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

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1.168 easyjson 0.7.6

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1.169 utils 0.0.0-20220728103510ee6ede2d64ed

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1.170 viper 1.10.1

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1.171 x-net 0.0.0-20210825183410e898025ed96a

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1.172 units 0.0.0-20190924025748f65c72e2690d

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1.173 x-text 0.8.0

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1.174 github.com/go-kit/log 0.2.0

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1.175 x-term 0.5.0

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1.176 google-go-cmp 0.5.9

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1.177 kubernetes-client 0.26.2

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1.178 go-ole-go-ole 1.2.1

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1.179 github.com/cilium/ebpf 0.7.0

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1.180 github.com/pquerna/ffjson 0.0.0-20171002144729-d49c2bc1aa13

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1.181 cast 1.5.0

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1.182 proto-otlp 0.19.0

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1.183 goprotobuf 1.5.3

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1.184 google-api-go-client 0.34.0

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```
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import (
"bytes"
"io/ioutil"
"os"
"path/filepath"
"regexp"
"testing"
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(//|#) Use of this source code is governed by a BSD-style
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`)
const prefix = "// Copyright"
// A few files have to be skipped.
var skip = map[string]bool{
"tools.go": true, // This file requires another comment above the license.
"internal/third_party/uritemplates/uritemplates.go": true, // This file is licensed to an individual.
"internal/third_party/uritemplates/uritemplates_test.go": true, // This file is licensed to an individual.
}
// This test validates that all go files in the repo start with an appropriate license.
func TestLicense(t *testing.T) {
err := filepath.Walk(".", func(path string, fi os.FileInfo, err error) error {
 if skip[path] {
 return nil
 }
 if err != nil {
 return err
 if filepath.Ext(path) != ".go" && filepath.Ext(path) != ".sh" {
 return nil
 }
 src, err := ioutil.ReadFile(path)
 if err != nil {
 return nil
```

}

```
// Verify that the license is matched.
if !sentinel.Match(src) {
    t.Errorf("%v: license header not present", path)
    return nil
}

// Also check it is at the top of .go files (but not .sh files, because they must have a shebang first).
if filepath.Ext(path) == ".go" && !bytes.HasPrefix(src, []byte(prefix)) {
    t.Errorf("%v: license header not at the top", path)
}
return nil
})
if err != nil {
    t.Fatal(err)
}
```

1.185 spew 1.1.1

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1.186 x-sys 0.6.0

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1.188 go.uber.org/atomi 1.7.0

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1.189 opencensus 0.22.4

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1.190 go-openapi-swag 0.19.14

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1.192 properties 1.8.7

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1.193 mergo 0.3.6

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

fields:

site: string author: root

1.194 intern 1.0.0

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1.197 containerd-cgroups 1.0.1

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1.198 github.com/mesos/mesos-go 0.0.7-0.20180413204204-29de6ff97b48

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1.200 kubernetes-apimachinery 0.25.0

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1.206 x-sys 0.0.0-20220114195835da31bd327af9

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1.207 go-connections 0.4.0

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1.208 mnuralp-fileutils 0.5.0

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1.209 grpc-gateway 2.7.0

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1.210 prometheus-client 1.12.1

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1.215 inframon-infraagent-commlib-levitate.git 1.0.0-366

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Found in path(s):

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1.216 prometheus-client 1.13.0

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1.217 x-net 0.5.0

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1.218 x-sys 0.4.0

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1.219 gopkg.in-yaml 2.4.0

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1.222 go-winio 0.6.0

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1.223 modern-go-concurrent 0.0.0-20180306012644-bacd9c7ef1dd

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1.224 cyphar-filepath-securejoin 0.2.3

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1.225 google-cloud-go 0.65.0

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// Code generated by protoc-gen-go_gapic. DO NOT EDIT.
package compute
import (
"bytes"
 "context"
"fmt"
"io/ioutil"
"net/http"
 "net/url"
gax "github.com/googleapis/gax-go/v2"
 "google.golang.org/api/googleapi"
"google.golang.org/api/option"
 "google.golang.org/api/option/internaloption"
httptransport "google.golang.org/api/transport/http"
computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
 "google.golang.org/grpc"
```

```
"google.golang.org/grpc/metadata"
"google.golang.org/protobuf/encoding/protojson"
var newLicenseCodesClientHook clientHook
// LicenseCodesCallOptions contains the retry settings for each method of LicenseCodesClient.
type LicenseCodesCallOptions struct {
Get
              []gax.CallOption
TestIamPermissions []gax.CallOption
}
// internalLicenseCodesClient is an interface that defines the methods available from Google Compute Engine API.
type internalLicenseCodesClient interface {
Close() error
setGoogleClientInfo(...string)
Connection() *grpc.ClientConn
Get(context, *computepb.GetLicenseCodeRequest, ...gax.CallOption) (*computepb.LicenseCode, error)
TestIamPermissions(context.Context, *computepb.TestIamPermissionsLicenseCodeRequest, ...gax.CallOption)
(*computepb.TestPermissionsResponse, error)
// LicenseCodesClient is a client for interacting with Google Compute Engine API.
// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
method calls.
//
// The LicenseCodes API.
type LicenseCodesClient struct {
// The internal transport-dependent client.
internalClient internalLicenseCodesClient
// The call options for this service.
CallOptions *LicenseCodesCallOptions
}
// Wrapper methods routed to the internal client.
// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *LicenseCodesClient) Close() error {
return c.internalClient.Close()
// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *LicenseCodesClient) setGoogleClientInfo(keyval ...string) {
c.internal Client.set Google Client Info (keyval...) \\
```

```
}
// Connection returns a connection to the API service.
// Deprecated.
func (c *LicenseCodesClient) Connection() *grpc.ClientConn {
return c.internalClient.Connection()
}
// Get return a specified license code. License codes are mirrored across all projects that have permissions to read the
License Code. Caution This resource is intended for use only by third-party partners who are creating Cloud
Marketplace images.
func (c *LicenseCodesClient) Get(ctx context, Context, req *computepb.GetLicenseCodeRequest, opts
...gax.CallOption) (*computepb.LicenseCode, error) {
return c.internalClient.Get(ctx, req, opts...)
}
// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicenseCodesClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {
return c.internalClient.TestIamPermissions(ctx, req, opts...)
// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
method calls.
type licenseCodesRESTClient struct {
// The http endpoint to connect to.
endpoint string
// The http client.
httpClient *http.Client
// The x-goog-* metadata to be sent with each request.
xGoogMetadata metadata.MD
}
// NewLicenseCodesRESTClient creates a new license codes rest client.
//
// The LicenseCodes API.
func NewLicenseCodesRESTClient(ctx context.Context, opts ...option.ClientOption) (*LicenseCodesClient, error) {
clientOpts := append(defaultLicenseCodesRESTClientOptions(), opts...)
httpClient, endpoint, err := httptransport.NewClient(ctx, clientOpts...)
if err != nil {
 return nil, err
 }
```

```
c := &licenseCodesRESTClient{
 endpoint: endpoint,
 httpClient: httpClient,
c.setGoogleClientInfo()
return &LicenseCodesClient{internalClient: c, CallOptions: &LicenseCodesCallOptions{}}, nil
}
func defaultLicenseCodesRESTClientOptions() []option.ClientOption {
return []option.ClientOption{
 internaloption.WithDefaultEndpoint("https://compute.googleapis.com"),
 internal option. With Default MTLS Endpoint ("https://compute.mtls.googleapis.com"),
 internaloption. With Default Audience ("https://compute.googleapis.com/"),
 internaloption.WithDefaultScopes(DefaultAuthScopes()...),
}
// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *licenseCodesRESTClient) setGoogleClientInfo(keyval ...string) {
kv := append([]string{"gl-go", versionGo()}, keyval...)
kv = append(kv, "gapic", versionClient, "gax", gax.Version, "rest", "UNKNOWN")
c.xGoogMetadata = metadata.Pairs("x-goog-api-client", gax.XGoogHeader(kv...))
}
// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *licenseCodesRESTClient) Close() error {
// Replace httpClient with nil to force cleanup.
c.httpClient = nil
return nil
}
// Connection returns a connection to the API service.
//
// Deprecated.
func (c *licenseCodesRESTClient) Connection() *grpc.ClientConn {
return nil
}
// Get return a specified license code. License codes are mirrored across all projects that have permissions to read the
License Code. Caution This resource is intended for use only by third-party partners who are creating Cloud
Marketplace images.
func (c *licenseCodesRESTClient) Get(ctx context.Context, req *computepb.GetLicenseCodeRequest, opts
...gax.CallOption) (*computepb.LicenseCode, error) {
baseUrl, _ := url.Parse(c.endpoint)
```

```
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v", req.GetProject(),
req.GetLicenseCode())
httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
if err != nil {
 return nil, err
httpReq = httpReq.WithContext(ctx)
// Set the headers
for k, v := range c.xGoogMetadata {
 httpReq.Header[k] = v
httpReq.Header["Content-Type"] = []string{"application/json"}
httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
 return nil, err
defer httpRsp.Body.Close()
if err = googleapi.CheckResponse(httpRsp); err != nil {
 return nil, err
}
buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
 return nil, err
}
unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.LicenseCode{ }
if err := unm.Unmarshal(buf, rsp); err != nil {
 return nil, maybeUnknownEnum(err)
return rsp, nil
}
// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licenseCodesRESTClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption)
(*computepb.TestPermissionsResponse, error) {
m := protojson.MarshalOptions{AllowPartial: true}
body := req.GetTestPermissionsRequestResource()
jsonReq, err := m.Marshal(body)
if err != nil {
 return nil, err
```

```
}
  baseUrl, _ := url.Parse(c.endpoint)
  base Url. Path += fmt. Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v/testIamPermissions", and the project is a supplied to the project of the pr
 req.GetProject(), req.GetResource())
  httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
  if err != nil {
   return nil, err
  httpReq = httpReq.WithContext(ctx)
  // Set the headers
  for k, v := range c.xGoogMetadata {
   httpReq.Header[k] = v
  httpReq.Header["Content-Type"] = []string{"application/json"}
  httpRsp, err := c.httpClient.Do(httpReq)
  if err != nil {
   return nil, err
  defer httpRsp.Body.Close()
  if err = googleapi.CheckResponse(httpRsp); err != nil {
   return nil, err
  }
  buf, err := ioutil.ReadAll(httpRsp.Body)
  if err != nil {
   return nil, err
  }
  unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
  rsp := &computepb.TestPermissionsResponse{}
  if err := unm.Unmarshal(buf, rsp); err != nil {
   return nil, maybeUnknownEnum(err)
  return rsp, nil
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package compute_test
import (
"context"
compute "cloud.google.com/go/compute/apiv1"
"google.golang.org/api/iterator"
computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
)
func ExampleNewLicensesRESTClient() {
ctx := context.Background()
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
 // TODO: Handle error.
defer c.Close()
// TODO: Use client.
_ = c
}
func ExampleLicensesClient_Delete() {
ctx := context.Background()
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
 // TODO: Handle error.
defer c.Close()
req := &computepb.DeleteLicenseRequest{
 // TODO: Fill request struct fields.
 // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#DeleteLicenseRequest.
resp, err := c.Delete(ctx, req)
if err != nil {
 // TODO: Handle error.
// TODO: Use resp.
_{-} = resp
```

```
}
func ExampleLicensesClient_Get() {
ctx := context.Background()
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
// TODO: Handle error.
defer c.Close()
req := &computepb.GetLicenseRequest{
// TODO: Fill request struct fields.
// See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetLicenseRequest.
resp, err := c.Get(ctx, req)
if err != nil {
// TODO: Handle error.
// TODO: Use resp.
_{-} = resp
func ExampleLicensesClient_GetIamPolicy() {
ctx := context.Background()
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
// TODO: Handle error.
defer c.Close()
req := &computepb.GetIamPolicyLicenseRequest{
// TODO: Fill request struct fields.
/\!/ See\ https://pkg.go.dev/google.golang.org/genproto/googleap is/cloud/compute/v1\#GetIamPolicyLicenseRequest.
resp, err := c.GetIamPolicy(ctx, req)
if err != nil {
// TODO: Handle error.
// TODO: Use resp.
_{-} = resp
}
func ExampleLicensesClient_Insert() {
ctx := context.Background()
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
// TODO: Handle error.
```

```
defer c.Close()
req := &computepb.InsertLicenseRequest{
// TODO: Fill request struct fields.
// See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#InsertLicenseRequest.
resp, err := c.Insert(ctx, req)
if err != nil {
// TODO: Handle error.
// TODO: Use resp.
_{-} = resp
}
func ExampleLicensesClient_List() {
ctx := context.Background()
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
// TODO: Handle error.
defer c.Close()
req := &computepb.ListLicensesRequest{
// TODO: Fill request struct fields.
/\!/ See\ https://pkg.go.dev/google.golang.org/genproto/googleap is/cloud/compute/v1\#ListLicenses Request.
it := c.List(ctx, req)
for {
resp, err := it.Next()
 if err == iterator.Done {
 break
 if err != nil {
 // TODO: Handle error.
// TODO: Use resp.
 _{-} = resp
}
}
func ExampleLicensesClient_SetIamPolicy() {
ctx := context.Background()
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
// TODO: Handle error.
defer c.Close()
```

```
req := &computepb.SetIamPolicyLicenseRequest{
 // TODO: Fill request struct fields.
 // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#SetIamPolicyLicenseRequest.
resp, err := c.SetIamPolicy(ctx, req)
if err != nil {
 // TODO: Handle error.
// TODO: Use resp.
_{-} = resp
}
func ExampleLicensesClient_TestIamPermissions() {
ctx := context.Background()
c, err := compute.NewLicensesRESTClient(ctx)
if err != nil {
 // TODO: Handle error.
defer c.Close()
req := &computepb.TestIamPermissionsLicenseRequest{
 // TODO: Fill request struct fields.
 // See
https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#TestIamPermissionsLicenseRequest.
resp, err := c.TestIamPermissions(ctx, req)
if err != nil {
 // TODO: Handle error.
// TODO: Use resp.
\underline{\phantom{a}} = \operatorname{resp}
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```

```
package compute_test
import (
"context"
compute "cloud.google.com/go/compute/apiv1"
computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
)
func ExampleNewLicenseCodesRESTClient() {
ctx := context.Background()
c, err := compute.NewLicenseCodesRESTClient(ctx)
if err != nil {
 // TODO: Handle error.
defer c.Close()
// TODO: Use client.
_ = c
}
func ExampleLicenseCodesClient_Get() {
ctx := context.Background()
c, err := compute.NewLicenseCodesRESTClient(ctx)
if err != nil {
 // TODO: Handle error.
defer c.Close()
req := &computepb.GetLicenseCodeRequest{
 // TODO: Fill request struct fields.
 // See https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#GetLicenseCodeRequest.
resp, err := c.Get(ctx, req)
if err != nil {
 // TODO: Handle error.
// TODO: Use resp.
_{-} = resp
}
func ExampleLicenseCodesClient_TestIamPermissions() {
ctx := context.Background()
c, err := compute.NewLicenseCodesRESTClient(ctx)
if err != nil {
 // TODO: Handle error.
defer c.Close()
```

```
req := &computepb.TestIamPermissionsLicenseCodeRequest{

// TODO: Fill request struct fields.

// See

https://pkg.go.dev/google.golang.org/genproto/googleapis/cloud/compute/v1#TestIamPermissionsLicenseCodeRequest.

}
resp, err := c.TestIamPermissions(ctx, req)
if err != nil {

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

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```
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```

```
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// WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
// See the License for the specific language governing permissions and
// limitations under the License.
// Code generated by protoc-gen-go_gapic. DO NOT EDIT.
package compute
import (
"bytes"
"context"
"fmt"
"io/ioutil"
"math"
"net/http"
"net/url"
gax "github.com/googleapis/gax-go/v2"
 "google.golang.org/api/googleapi"
"google.golang.org/api/iterator"
"google.golang.org/api/option"
 "google.golang.org/api/option/internaloption"
httptransport "google.golang.org/api/transport/http"
computepb "google.golang.org/genproto/googleapis/cloud/compute/v1"
 "google.golang.org/grpc"
"google.golang.org/grpc/metadata"
"google.golang.org/protobuf/encoding/protojson"
 "google.golang.org/protobuf/proto"
)
var newLicensesClientHook clientHook
// LicensesCallOptions contains the retry settings for each method of LicensesClient.
type LicensesCallOptions struct {
Delete
               []gax.CallOption
Get
              []gax.CallOption
GetIamPolicy
                  []gax.CallOption
Insert
              []gax.CallOption
             []gax.CallOption
List
SetIamPolicy
                  []gax.CallOption
TestIamPermissions []gax.CallOption
}
// internalLicensesClient is an interface that defines the methods available from Google Compute Engine API.
type internalLicensesClient interface {
```

```
Close() error
setGoogleClientInfo(...string)
Connection() *grpc.ClientConn
Delete(context.Context, *computepb.DeleteLicenseRequest, ...gax.CallOption) (*Operation, error)
Get(context.Context, *computepb.GetLicenseRequest, ...gax.CallOption) (*computepb.License, error)
GetIamPolicy(context.Context, *computepb.GetIamPolicyLicenseRequest, ...gax.CallOption) (*computepb.Policy,
error)
Insert(context.Context, *computepb.InsertLicenseRequest, ...gax.CallOption) (*Operation, error)
List(context, *computepb.ListLicensesRequest, ...gax.CallOption) *LicenseIterator
SetIamPolicy(context, Context, *computepb.SetIamPolicyLicenseRequest, ...gax.CallOption) (*computepb.Policy,
error)
TestIamPermissions(context.Context, *computepb.TestIamPermissionsLicenseRequest, ...gax.CallOption)
(*computepb.TestPermissionsResponse, error)
}
// LicensesClient is a client for interacting with Google Compute Engine API.
// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
method calls.
// The Licenses API.
type LicensesClient struct {
// The internal transport-dependent client.
internalClient internalLicensesClient
// The call options for this service.
CallOptions *LicensesCallOptions
// Wrapper methods routed to the internal client.
// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *LicensesClient) Close() error {
return c.internalClient.Close()
}
// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *LicensesClient) setGoogleClientInfo(keyval ...string) {
c.internalClient.setGoogleClientInfo(keyval...)
// Connection returns a connection to the API service.
// Deprecated.
func (c *LicensesClient) Connection() *grpc.ClientConn {
return c.internalClient.Connection()
```

```
// Delete deletes the specified license. Caution This resource is intended for use only by third-party partners who are
creating Cloud Marketplace images.
func (c *LicensesClient) Delete(ctx context.Context, req *computepb.DeleteLicenseRequest, opts ...gax.CallOption)
(*Operation, error) {
return c.internalClient.Delete(ctx, req, opts...)
}
// Get returns the specified License resource. Caution This resource is intended for use only by third-party partners
who are creating Cloud Marketplace images.
func (c *LicensesClient) Get(ctx context.Context, req *computepb.GetLicenseRequest, opts ...gax.CallOption)
(*computepb.License, error) {
return c.internalClient.Get(ctx, req, opts...)
// GetIamPolicy gets the access control policy for a resource. May be empty if no such policy or resource exists.
Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) GetIamPolicy(ctx context.Context, req *computepb.GetIamPolicyLicenseRequest, opts
...gax.CallOption) (*computepb.Policy, error) {
return c.internalClient.GetIamPolicy(ctx, req, opts...)
}
// Insert create a License resource in the specified project. Caution This resource is intended for use only by third-
party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) Insert(ctx context, req *computepb.InsertLicenseRequest, opts ...gax.CallOption)
(*Operation, error) {
return c.internalClient.Insert(ctx, req, opts...)
}
// List retrieves the list of licenses available in the specified project. This method does not get any licenses that
belong to other projects, including licenses attached to publicly-available images, like Debian 9. If you want to get a
list of publicly-available licenses, use this method to make a request to the respective image project, such as debian-
cloud or windows-cloud. Caution This resource is intended for use only by third-party partners who are creating
Cloud Marketplace images.
func (c *LicensesClient) List(ctx context, Context, req *computepb.ListLicensesRequest, opts ...gax.CallOption)
*LicenseIterator {
return c.internalClient.List(ctx, req, opts...)
// SetIamPolicy sets the access control policy on the specified resource. Replaces any existing policy. Caution This
resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) SetIamPolicy(ctx context.Context, req *computepb.SetIamPolicyLicenseRequest, opts
...gax.CallOption) (*computepb.Policy, error) {
return c.internalClient.SetIamPolicy(ctx, req, opts...)
}
// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
```

}

```
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *LicensesClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseRequest, opts ...gax.CallOption) (*computepb.TestPermissionsResponse,
error) {
return c.internalClient.TestIamPermissions(ctx, req, opts...)
// Methods, except Close, may be called concurrently. However, fields must not be modified concurrently with
method calls.
type licensesRESTClient struct {
// The http endpoint to connect to.
endpoint string
// The http client.
httpClient *http.Client
// The x-goog-* metadata to be sent with each request.
xGoogMetadata metadata.MD
}
// NewLicensesRESTClient creates a new licenses rest client.
//
// The Licenses API.
func NewLicensesRESTClient(ctx context.Context, opts ...option.ClientOption) (*LicensesClient, error) {
clientOpts := append(defaultLicensesRESTClientOptions(), opts...)
httpClient, endpoint, err := httptransport.NewClient(ctx, clientOpts...)
if err != nil {
 return nil, err
}
c := &licensesRESTClient{
 endpoint: endpoint,
 httpClient: httpClient,
c.setGoogleClientInfo()
return &LicensesClient{internalClient: c, CallOptions: &LicensesCallOptions{}}, nil
}
func defaultLicensesRESTClientOptions() []option.ClientOption {
return []option.ClientOption{
 internal option. With Default Endpoint ("https://compute.googleap is.com"),\\
 internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
 internaloption.WithDefaultAudience("https://compute.googleapis.com/"),
 internal option. With Default Scopes (Default Auth Scopes ()...),\\
}
```

```
// setGoogleClientInfo sets the name and version of the application in
// the `x-goog-api-client` header passed on each request. Intended for
// use by Google-written clients.
func (c *licensesRESTClient) setGoogleClientInfo(keyval ...string) {
kv := append([]string{"gl-go", versionGo()}, keyval...)
kv = append(kv, "gapic", versionClient, "gax", gax. Version, "rest", "UNKNOWN")
c.xGoogMetadata = metadata.Pairs("x-goog-api-client", gax.XGoogHeader(kv...))
}
// Close closes the connection to the API service. The user should invoke this when
// the client is no longer required.
func (c *licensesRESTClient) Close() error {
// Replace httpClient with nil to force cleanup.
c.httpClient = nil
return nil
}
// Connection returns a connection to the API service.
//
// Deprecated.
func (c *licensesRESTClient) Connection() *grpc.ClientConn {
return nil
}
// Delete deletes the specified license. Caution This resource is intended for use only by third-party partners who are
creating Cloud Marketplace images.
func (c *licensesRESTClient) Delete(ctx context, Context, req *computepb.DeleteLicenseRequest, opts
...gax.CallOption) (*Operation, error) {
baseUrl, _ := url.Parse(c.endpoint)
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v", req.GetProject(), req.GetLicense())
params := url.Values{ }
if req!= nil && req.RequestId!= nil {
 params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
baseUrl.RawQuery = params.Encode()
httpReq, err := http.NewRequest("DELETE", baseUrl.String(), nil)
if err != nil {
 return nil, err
httpReq = httpReq.WithContext(ctx)
// Set the headers
for k, v := range c.xGoogMetadata {
 httpReq.Header[k] = v
httpReq.Header["Content-Type"] = []string{"application/json"}
```

```
httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
 return nil, err
defer httpRsp.Body.Close()
if err = googleapi.CheckResponse(httpRsp); err != nil {
 return nil, err
}
buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
 return nil, err
unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.Operation{ }
if err := unm.Unmarshal(buf, rsp); err != nil {
 return nil, maybeUnknownEnum(err)
op := &Operation{proto: rsp}
return op, err
}
// Get returns the specified License resource. Caution This resource is intended for use only by third-party partners
who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Get(ctx context.Context, req *computepb.GetLicenseRequest, opts ...gax.CallOption)
(*computepb.License, error) {
baseUrl, _ := url.Parse(c.endpoint)
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v", req.GetProject(), req.GetLicense())
httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
if err != nil {
 return nil, err
httpReq = httpReq.WithContext(ctx)
// Set the headers
for k, v := range c.xGoogMetadata {
 httpReq.Header[k] = v
httpReq.Header["Content-Type"] = []string{"application/json"}
httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
 return nil, err
}
```

```
defer httpRsp.Body.Close()
if err = googleapi.CheckResponse(httpRsp); err != nil {
 return nil, err
}
buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
 return nil, err
}
unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.License{ }
if err := unm.Unmarshal(buf, rsp); err != nil {
 return nil, maybeUnknownEnum(err)
return rsp, nil
}
// GetIamPolicy gets the access control policy for a resource. May be empty if no such policy or resource exists.
Caution This resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) GetIamPolicy(ctx context.Context, req *computepb.GetIamPolicyLicenseRequest,
opts ...gax.CallOption) (*computepb.Policy, error) {
baseUrl, _ := url.Parse(c.endpoint)
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/% v/global/licenses/% v/getIamPolicy", req.GetProject(),
req.GetResource())
params := url.Values{ }
if req != nil && req.OptionsRequestedPolicyVersion != nil {
 params.Add("optionsRequestedPolicyVersion", fmt.Sprintf("%v", req.GetOptionsRequestedPolicyVersion()))
baseUrl.RawQuery = params.Encode()
httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
if err != nil {
 return nil, err
httpReq = httpReq.WithContext(ctx)
// Set the headers
for k, v := range c.xGoogMetadata {
 httpReq.Header[k] = v
httpReq.Header["Content-Type"] = []string{"application/json"}
httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
```

```
return nil, err
defer httpRsp.Body.Close()
if err = googleapi.CheckResponse(httpRsp); err != nil {
 return nil, err
}
buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
 return nil, err
unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.Policy{ }
if err := unm.Unmarshal(buf, rsp); err != nil {
 return nil, maybeUnknownEnum(err)
return rsp, nil
// Insert create a License resource in the specified project. Caution This resource is intended for use only by third-
party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) Insert(ctx context.Context, req *computepb.InsertLicenseRequest, opts
...gax.CallOption) (*Operation, error) {
m := protojson.MarshalOptions{AllowPartial: true}
body := req.GetLicenseResource()
jsonReq, err := m.Marshal(body)
if err != nil {
 return nil, err
}
baseUrl, _ := url.Parse(c.endpoint)
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses", req.GetProject())
params := url.Values{ }
if req!= nil && req.RequestId!= nil {
 params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
baseUrl.RawQuery = params.Encode()
httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
if err != nil {
 return nil, err
httpReq = httpReq.WithContext(ctx)
```

```
// Set the headers
for k, v := range c.xGoogMetadata {
 httpReq.Header[k] = v
httpReq.Header["Content-Type"] = []string{"application/json"}
httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
 return nil, err
defer httpRsp.Body.Close()
if err = googleapi.CheckResponse(httpRsp); err != nil {
 return nil, err
buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
 return nil, err
}
unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.Operation{ }
if err := unm.Unmarshal(buf, rsp); err != nil {
 return nil, maybeUnknownEnum(err)
op := &Operation{proto: rsp}
return op, err
// List retrieves the list of licenses available in the specified project. This method does not get any licenses that
belong to other projects, including licenses attached to publicly-available images, like Debian 9. If you want to get a
list of publicly-available licenses, use this method to make a request to the respective image project, such as debian-
cloud or windows-cloud. Caution This resource is intended for use only by third-party partners who are creating
Cloud Marketplace images.
func (c *licensesRESTClient) List(ctx context.Context, req *computepb.ListLicensesRequest, opts
...gax.CallOption) *LicenseIterator {
it := &LicenseIterator{ }
req = proto.Clone(req).(*computepb.ListLicensesRequest)
unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
it.InternalFetch = func(pageSize int, pageToken string) ([]*computepb.License, string, error) {
 resp := &computepb.LicensesListResponse{ }
 if pageToken != "" {
  req.PageToken = proto.String(pageToken)
 }
 if pageSize > math.MaxInt32 {
  req.MaxResults = proto.Uint32(math.MaxInt32)
```

```
} else if pageSize != 0 {
req.MaxResults = proto.Uint32(uint32(pageSize))
baseUrl, _ := url.Parse(c.endpoint)
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses", req.GetProject())
params := url.Values{ }
if req!= nil && req.Filter!= nil {
params.Add("filter", fmt.Sprintf("%v", req.GetFilter()))
if req!= nil && req.MaxResults!= nil {
params. Add("maxResults", fmt. Sprintf("\%v", req. GetMaxResults())) \\
if req!= nil && req.OrderBy!= nil {
params.Add("orderBy", fmt.Sprintf("%v", req.GetOrderBy()))
if req != nil && req.PageToken != nil {
params.Add("pageToken", fmt.Sprintf("%v", req.GetPageToken()))
if req != nil && req.ReturnPartialSuccess != nil {
params.Add("returnPartialSuccess", fmt.Sprintf("%v", req.GetReturnPartialSuccess()))
}
baseUrl.RawQuery = params.Encode()
httpReq, err := http.NewRequest("GET", baseUrl.String(), nil)
if err != nil {
return nil, "", err
}
// Set the headers
for k, v := range c.xGoogMetadata {
httpReq.Header[k] = v
}
httpReq.Header["Content-Type"] = []string{"application/json"}
httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
return nil, "", err
defer httpRsp.Body.Close()
if err = googleapi.CheckResponse(httpRsp); err != nil {
return nil, "", err
buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
```

```
return nil, "", err
 }
 unm.Unmarshal(buf, resp)
 it.Response = resp
 return resp.GetItems(), resp.GetNextPageToken(), nil
}
fetch := func(pageSize int, pageToken string) (string, error) {
 items, nextPageToken, err := it.InternalFetch(pageSize, pageToken)
 if err != nil {
  return "", err
 }
 it.items = append(it.items, items...)
 return nextPageToken, nil
}
it.pageInfo, it.nextFunc = iterator.NewPageInfo(fetch, it.bufLen, it.takeBuf)
it.pageInfo.MaxSize = int(req.GetMaxResults())
it.pageInfo.Token = req.GetPageToken()
return it
}
// SetIamPolicy sets the access control policy on the specified resource. Replaces any existing policy. Caution This
resource is intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) SetIamPolicy(ctx context.Context, req *computepb.SetIamPolicyLicenseRequest,
opts ...gax.CallOption) (*computepb.Policy, error) {
m := protojson.MarshalOptions{AllowPartial: true}
body := req.GetGlobalSetPolicyRequestResource()
jsonReq, err := m.Marshal(body)
if err != nil {
 return nil, err
}
baseUrl, _ := url.Parse(c.endpoint)
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/setIamPolicy", req.GetProject(),
req.GetResource())
httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
if err != nil {
 return nil, err
httpReq = httpReq.WithContext(ctx)
// Set the headers
for k, v := range c.xGoogMetadata {
 httpReq.Header[k] = v
 }
```

```
httpReq.Header["Content-Type"] = []string{"application/json"}
 httpRsp, err := c.httpClient.Do(httpReq)
 if err != nil {
  return nil, err
 defer httpRsp.Body.Close()
 if err = googleapi.CheckResponse(httpRsp); err != nil {
   return nil, err
 }
 buf, err := ioutil.ReadAll(httpRsp.Body)
 if err != nil {
  return nil, err
 }
 unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
 rsp := &computepb.Policy{ }
 if err := unm.Unmarshal(buf, rsp); err != nil {
  return nil, maybeUnknownEnum(err)
 return rsp, nil
}
// TestIamPermissions returns permissions that a caller has on the specified resource. Caution This resource is
intended for use only by third-party partners who are creating Cloud Marketplace images.
func (c *licensesRESTClient) TestIamPermissions(ctx context.Context, req
*computepb.TestIamPermissionsLicenseRequest, opts ...gax.CallOption) (*computepb.TestPermissionsResponse,
error) {
 m := protojson.MarshalOptions{AllowPartial: true}
 body := req.GetTestPermissionsRequestResource()
 jsonReq, err := m.Marshal(body)
 if err != nil {
  return nil, err
 }
 baseUrl, _ := url.Parse(c.endpoint)
 base Url. Path += fmt. Sprintf("/compute/v1/projects/\%v/global/licenses/\%v/testIamPermissions", req. GetProject(), req. GetPr
req.GetResource())
 httpReq, err := http.NewRequest("POST", baseUrl.String(), bytes.NewReader(jsonReq))
 if err != nil {
  return nil, err
 httpReq = httpReq.WithContext(ctx)
 // Set the headers
```

```
for k, v := range c.xGoogMetadata {
 httpReq.Header[k] = v
httpReq.Header["Content-Type"] = []string{"application/json"}
httpRsp, err := c.httpClient.Do(httpReq)
if err != nil {
 return nil, err
defer httpRsp.Body.Close()
if err = googleapi.CheckResponse(httpRsp); err != nil {
 return nil, err
}
buf, err := ioutil.ReadAll(httpRsp.Body)
if err != nil {
 return nil, err
}
unm := protojson.UnmarshalOptions{AllowPartial: true, DiscardUnknown: true}
rsp := &computepb.TestPermissionsResponse{}
if err := unm.Unmarshal(buf, rsp); err != nil {
 return nil, maybeUnknownEnum(err)
return rsp, nil
}
// LicenseIterator manages a stream of *computepb.License.
type LicenseIterator struct {
items []*computepb.License
pageInfo *iterator.PageInfo
nextFunc func() error
// Response is the raw response for the current page.
// It must be cast to the RPC response type.
// Calling Next() or InternalFetch() updates this value.
Response interface{}
// InternalFetch is for use by the Google Cloud Libraries only.
// It is not part of the stable interface of this package.
//
// InternalFetch returns results from a single call to the underlying RPC.
// The number of results is no greater than pageSize.
// If there are no more results, nextPageToken is empty and err is nil.
InternalFetch func(pageSize int, pageToken string) (results []*computepb.License, nextPageToken string, err error)
}
```

```
// PageInfo supports pagination. See the google.golang.org/api/iterator package for details.
func (it *LicenseIterator) PageInfo() *iterator.PageInfo {
return it.pageInfo
}
// Next returns the next result. Its second return value is iterator. Done if there are no more
// results. Once Next returns Done, all subsequent calls will return Done.
func (it *LicenseIterator) Next() (*computepb.License, error) {
var item *computepb.License
if err := it.nextFunc(); err != nil {
 return item, err
}
item = it.items[0]
it.items = it.items[1:]
return item, nil
}
func (it *LicenseIterator) bufLen() int {
return len(it.items)
func (it *LicenseIterator) takeBuf() interface{} {
b := it.items
it.items = nil
return b
                     Apache License
```

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1.226 x-sync 0.0.0-20201207232520-09787c993a3a

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1.227 x-net 0.0.0-20220225172249-

27dd8689420f

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1.228 curl 8.0.1

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1.229 kubernetes-klog 2.80.1

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1.230 fsnotify 1.5.1

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1.231 github.com/josharian/native 0.0.0-20200817173448-b6b71def0850

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1.232 grpc-gateway 2.15.0

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1.233 libarchive 3.5.2

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1.234 github.com/mrunalp/fileutils 0.5.0

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1.235 go-uuid 1.2.1-0.20181028125025b2ce2384e17b

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1.236 fsnotify 1.6.0

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1.237 x-net 0.7.0

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1.238 go-resiliency 1.1.0

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1.239 go-capability 0.0.0-20200815063812-42c35b437635

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1.240 go-units 0.5.0

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1.241 github.com/influxdb/influxdb 0.9.6-0.20151125225445-9eab56311373

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1.242 x-oauth 20.4.0

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1.243 docker 20.10.18+incompatible

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Protocol Buffers for Go with Gadgets

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

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1.244 kingpin 2.2.6

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1.245 github.com/mdlayher/socket 0.0.0-20210307095302-262dc9984e00

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1.246 github.com/mistifyio/go-zfs 2.1.2-0.20190413222219-

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1.257 ethtool 0.1.0

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1.263 kubernetes-api 0.25.0

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1.264 stackexchange-wmi 0.0.0-20180725035823-b12b22c5341f

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1.265 go-uber-org-multierr 1.8.0

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1.266 go-restful 3.9.0

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1.268 containerd-console 1.0.3

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1.269 x-net 0.8.0

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1.271 errors 0.9.1

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1.272 logr 1.2.3

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1.273 x-sys 0.0.0-20220520151302-

bc2c85ada10a

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1.274 groupcache 0.0.0-20200121045136-8c9f03a8e57e

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1.275 golang-protobuf-extensions 1.0.2-0.20181231171920-c182affec369

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1.276 go-openapi-jsonreference 0.20.0

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1.282 gopsutil 3.21.11+incompatible

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1.283 hodgesds-perf-utils 0.4.0

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1.284 go-zfs 2.1.2-0.20190413222219f784269be439+incompatible

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