



Open Source Used In Appdynamics_DB_Collector_Agent 23.2.0

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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.
```

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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)
}
```

1.2 otel-trace 1.7.0

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1.3 contrib-instrumentation-net-http-otelhttp 0.32.0

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1.4 protobuf 1.28.1

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1.5 collector-semconv 0.52.0

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1.8 gopkg.in-yaml 3.0.1

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1.9 golang 1.19.4

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1.10 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.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 MTLSEndpoint ("https://compute.mtls.googleapis.com"),
 internaloption. With Default Audience ("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 *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)
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenseCodes/%v/testIamPermissions",
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.
\underline{\phantom{a}} = 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/googleapis/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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// Code generated by protoc-gen-go_gapic. DO NOT EDIT.
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.
 \underline{\phantom{a}} = 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.
https://pkg.go.dev/google.golang.org/genproto/googleap is/cloud/compute/v1\#TestIamPermissionsLicenseCodeRequal compute/v1#TestIamPermissionsLicenseCodeRequal comput
est.
 resp, err := c.TestIamPermissions(ctx, req)
```

```
if err != nil {
  // TODO: Handle error.
}

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

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```

```
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"
compute pb\ "google.golang.org/genproto/googleap is/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 {
              []gax.CallOption
Delete
Get
             []gax.CallOption
GetIamPolicy
                  []gax.CallOption
Insert
             []gax.CallOption
List
             []gax.CallOption
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,
Insert(context, *computepb.InsertLicenseRequest, ...gax.CallOption) (*Operation, error)
```

```
List(context, 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,
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{
 internaloption.WithDefaultEndpoint("https://compute.googleapis.com"),
 internal option. With Default MTLSEndpoint ("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 *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)
baseUrl.Path += fmt.Sprintf("/compute/v1/projects/%v/global/licenses/%v/testIamPermissions", 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
}
// 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
}
```

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1.11 go-kit-log 0.2.0

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1.12 google-uuid 1.3.0

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1.13 json-iterator-go 1.1.12

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1.14 otel-sdk-metric 0.30.0

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1.15 golang-sql-civil 0.0.0-20190719163853cb61b32ac6fe

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1.16 golang-sql-sqlexp 0.1.0

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1.17 knadh-koanf 1.4.1

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1.18 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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1.19 reflectwalk 1.0.2

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1.20 exporter-prometheus 0.4.1

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1.21 logfmt 0.5.1

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1.22 groupcache 0.0.0-20210331224755-41bb18bfe9da

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1.23 gopsutil 3.22.5

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1.24 go-logr-stdr 1.2.2

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1.25 collector-pdata 0.52.0

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1.26 dso-dso-query-masker 1.0.0-119

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```
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# limitations under the License.
## Gradle start up script for UN*X
# Attempt to set APP_HOME
# Resolve links: $0 may be a link
PRG="$0"
# Need this for relative symlinks.
while [ -h "$PRG" ]; do
 ls=`ls -ld "$PRG"`
 link=`expr "$ls" : '.*-> \(.*\)$``
 if expr "link" : '/.*' > /dev/null; then
   PRG="$link"
 else
   PRG=`dirname "$PRG"`"/$link"
 fi
```

```
done
SAVED="`pwd`"
cd "`dirname \"$PRG\"`/" >/dev/null
APP_HOME="`pwd -P`"
cd "$SAVED" >/dev/null
APP NAME="Gradle"
APP_BASE_NAME=`basename "$0"`
# Add default JVM options here. You can also use JAVA_OPTS and GRADLE_OPTS to pass JVM options to this
script.
DEFAULT_JVM_OPTS=""-Xmx64m" "-Xms64m""
# Use the maximum available, or set MAX_FD != -1 to use that value.
MAX_FD="maximum"
warn () {
 echo "$*"
}
die () {
 echo
 echo "$*"
 echo
 exit 1
}
# OS specific support (must be 'true' or 'false').
cygwin=false
msys=false
darwin=false
nonstop=false
case "`uname`" in
CYGWIN*)
 cygwin=true
Darwin*)
 darwin=true
MSYS* | MINGW* )
 msys=true
NONSTOP*)
 nonstop=true
 ;;
esac
```

CLASSPATH=\$APP_HOME/gradle/wrapper/gradle-wrapper.jar

```
# Determine the Java command to use to start the JVM.
if [ -n "$JAVA_HOME" ]; then
 if [ -x "$JAVA_HOME/jre/sh/java" ]; then
   # IBM's JDK on AIX uses strange locations for the executables
   JAVACMD="$JAVA HOME/jre/sh/java"
 else
   JAVACMD="$JAVA_HOME/bin/java"
 fi
 if [!-x "$JAVACMD"]; then
   die "ERROR: JAVA_HOME is set to an invalid directory: $JAVA_HOME
Please set the JAVA_HOME variable in your environment to match the
location of your Java installation."
 fi
else
 JAVACMD="java"
 which java >/dev/null 2>&1 || die "ERROR: JAVA_HOME is not set and no 'java' command could be found in
your PATH.
Please set the JAVA_HOME variable in your environment to match the
location of your Java installation."
# Increase the maximum file descriptors if we can.
if [ "$cygwin" = "false" -a "$darwin" = "false" -a "$nonstop" = "false" ]; then
 MAX_FD_LIMIT=`ulimit -H -n`
 if [ $? -eq 0 ]; then
   if [ "$MAX_FD" = "maximum" - o "$MAX_FD" = "max" ] ; then
      MAX_FD="$MAX_FD_LIMIT"
   fi
   ulimit -n $MAX FD
   if [ $? -ne 0 ]; then
      warn "Could not set maximum file descriptor limit: $MAX_FD"
   fi
 else
    warn "Could not query maximum file descriptor limit: $MAX_FD_LIMIT"
 fi
fi
# For Darwin, add options to specify how the application appears in the dock
if $darwin; then
 GRADLE_OPTS="$GRADLE_OPTS \"-Xdock:name=$APP_NAME\" \"-
Xdock:icon=$APP_HOME/media/gradle.icns\""
fi
```

For Cygwin or MSYS, switch paths to Windows format before running java

```
if [ "$cygwin" = "true" -o "$msys" = "true" ]; then
 APP_HOME=`cygpath --path --mixed "$APP_HOME"`
 CLASSPATH=`cygpath --path --mixed "$CLASSPATH"`
 JAVACMD=`cygpath --unix "$JAVACMD"`
 # We build the pattern for arguments to be converted via cygpath
 ROOTDIRSRAW=`find -L / -maxdepth 1 -mindepth 1 -type d 2>/dev/null`
 SEP=""
 for dir in $ROOTDIRSRAW: do
    ROOTDIRS="$ROOTDIRS$SEP$dir"
    SEP="|"
 done
 OURCYGPATTERN="(^($ROOTDIRS))"
 # Add a user-defined pattern to the cygpath arguments
 if [ "$GRADLE_CYGPATTERN" != "" ]; then
    OURCYGPATTERN="$OURCYGPATTERN|($GRADLE_CYGPATTERN)"
 fi
 # Now convert the arguments - kludge to limit ourselves to /bin/sh
 i=0
 for arg in "$@"; do
    CHECK=`echo "$arg"|egrep -c "$OURCYGPATTERN" -`
    CHECK2=`echo "$arg"|egrep -c "^-"`
                                                           ### Determine if an option
                                                                ### Added a condition
    if [ $CHECK -ne 0 ] && [ $CHECK2 -eq 0 ]; then
      eval `echo args$i`=`cygpath --path --ignore --mixed "$arg"`
    else
      eval `echo args$i`="\"$arg\""
    fi
    i=\ensuremath{`expr \$i + 1`}
 done
 case $i in
    0) set -- ;;
    1) set -- "$args0" ;;
    2) set -- "$args0" "$args1" ;;
    3) set -- "$args0" "$args1" "$args2" ;;
    4) set -- "$args0" "$args1" "$args2" "$args3" ;;
    5) set -- "$args0" "$args1" "$args2" "$args3" "$args4" ;;
    6) set -- "$args0" "$args1" "$args2" "$args3" "$args4" "$args5" ;;
    7) set -- "$args0" "$args1" "$args2" "$args3" "$args4" "$args5" "$args6" ;;
    8) set -- "$args0" "$args1" "$args2" "$args3" "$args4" "$args5" "$args6" "$args7" ;;
    9) set -- "$args0" "$args1" "$args2" "$args3" "$args4" "$args5" "$args6" "$args7" "$args7" "$args8" ;;
 esac
fi
# Escape application args
save () {
 for i do printf %s\\n "$i" | sed "s/'/\\\\"/g;1s/^//;\$s\\$/' \\\\\"; done
```

```
echo " "
}
APP_ARGS=`save "$@"`

# Collect all arguments for the java command, following the shell quoting and substitution rules eval set -- $DEFAULT_JVM_OPTS $JAVA_OPTS $GRADLE_OPTS "\"-Dorg.gradle.appname=$APP_BASE_NAME\"" -classpath "\"$CLASSPATH\"" org.gradle.wrapper.GradleWrapperMain "$APP_ARGS"

exec "$JAVACMD" "$@"
```

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1.27 grpc-go 1.47.0

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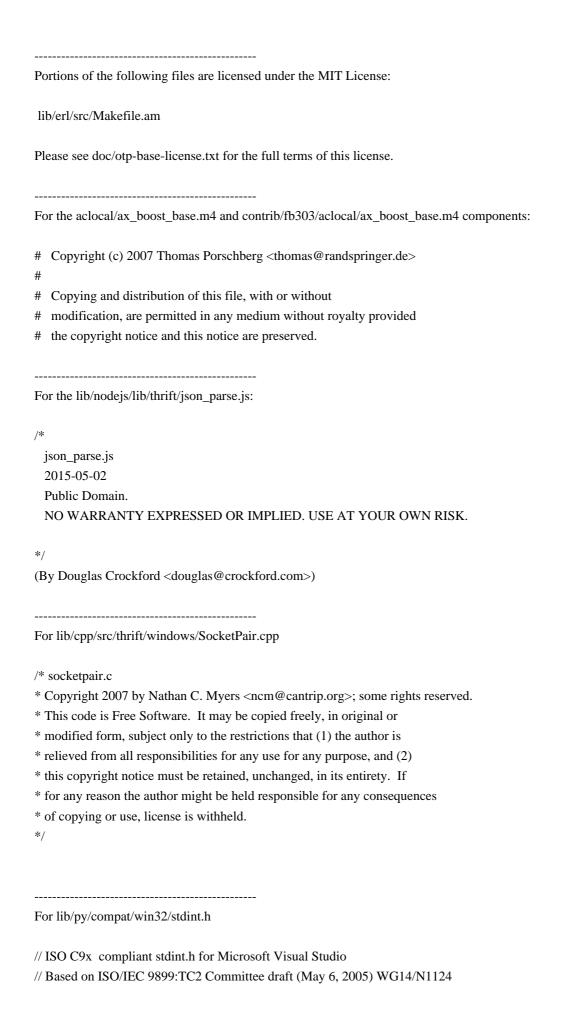
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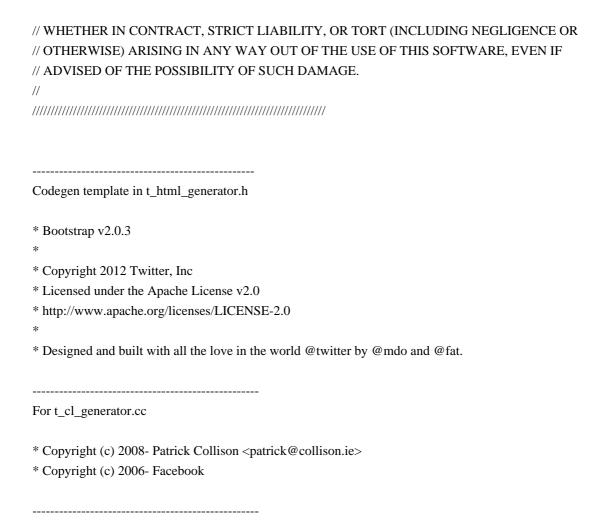
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For the lib/nodejs/lib/thrift/json_parse.js:

/* json_parse.js 2015-05-02

```
(By Douglas Crockford <douglas@crockford.com>)
For lib/cpp/src/thrift/windows/SocketPair.cpp
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1.44 modern-go-reflect2 1.0.2

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1.45 go-uber-org-multierr 1.8.0

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1.46 golang-snappy 0.0.4

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1.47 mitchellh-mapstructure 1.5.0

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1.48 go-mssqldb 0.12.2

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1.49 logr 1.2.3

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/*!

- * Bootstrap Table of Contents v0.4.1 (http://afeld.github.io/bootstrap-toc/)
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- * /opt/cola/permits/1547460093_1675059036.2293298/0/dbosak01-logr-v1-2-3-0-ge637e6c-tar-gz/dbosak01-logr-e637e6c/docs/bootstrap-toc.js
- $*/opt/cola/permits/1547460093_1675059036.2293298/0/dbosak01-logr-v1-2-3-0-ge637e6c-tar-gz/dbosak01-logr-e637e6c/docs/bootstrap-toc.css$

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```
Package: logr
Title: Creates Log Files
Version: 1.2.3
Authors@R:
 person(given = "David",
      family = "Bosak",
      role = c("aut", "cre"),
      email = "dbosak01@gmail.com")
Description: Contains functions to help create log files. The
 package aims to overcome the difficulty of the base R sink() command. The
 log_print() function will print to both the console and the file log,
  without interfering in other write operations.
License: CC0
Encoding: UTF-8
URL: https://logr.r-sassy.org
BugReports: https://github.com/dbosak01/logr/issues
Depends: R (>= 4.0.0)
Suggests: knitr,
     rmarkdown,
     testthat,
```

```
tidylog,
dplyr,
utils
```

Imports: withr

VignetteBuilder: knitr

Roxygen: list(markdown = TRUE)

RoxygenNote: 7.1.1

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*/opt/cola/permits/1547460093_1675059036.2293298/0/dbosak01-logr-v1-2-3-0-ge637e6c-tar-gz/dbosak01-logr-e637e6c/DESCRIPTION

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Source: https://github.com/algolia/docsearch/

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1.50 numcpus 0.4.0

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1.51 mitchellh-copystructure 1.2.0

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1.52 afero 1.0.5

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1.53 x-sys 0.0.0-20220722155257-8c9f86f7a55f

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1.54 x-net 0.0.0-20220225172249-27dd8689420f

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1.55 x-crypto 0.0.0-20201016220609-9e8e0b390897

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1.57 zap 1.21.0

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1.58 otel-exporters-prometheus 0.30.0

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1.59 x-oauth2 0.0.0-20220223155221ee480838109b

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1.60 x-text 0.3.8

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1.61 open-telemetry-opentelemetry-collectorcontrib 0.52.0

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