Open Source Used In Intelligent Node Manager 3.X 3.3.0

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1.2 yaml 1.2.0

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io.helidon.config.yaml.internal.YamlConfigParser

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io.helidon.config.yaml.internal.YamlFileTypeDetector

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1.3 idna 2.10

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A library to support the Internationalised Domain Names in Applications (IDNA) protocol as specified in RFC 5890 et.al. This new methodology, known as IDNA 2008, can generate materially different results to the previous standard. The library can act as a drop-in replacement for the "encodings.idna" module.

```python
import io, sys
from setuptools import setup

def main():
    python_version = sys.version_info[:2]
    if python_version < (2,7):
        raise SystemExit("Sorry, Python 2.7 or newer required")

    package_data = {}
    exec(open('idna/package_data.py').read(), package_data)

    arguments = {
        'name': 'idna',
        'packages': ['idna'],
        'version': package_data['__version__'],
        'description': 'Internationalized Domain Names in Applications (IDNA)',
        'long_description': io.open("README.rst", encoding="UTF-8").read(),
        'author': 'Kim Davies',
        'author_email': 'kim@cynosure.com.au',
        'license': 'BSD-like',
        'url': 'https://github.com/kjd/idna',
        'classifiers': [
            'Development Status :: 5 - Production/Stable',
            'Intended Audience :: Developers',
            'Intended Audience :: System Administrators',
            'License :: OSI Approved :: BSD License',
            'Operating System :: OS Independent',
            'Programming Language :: Python',
            'Programming Language :: Python :: 2',
            'Programming Language :: Python :: 2.7',
            'Programming Language :: Python :: 3',
            'Programming Language :: Python :: 3.4',
            'Programming Language :: Python :: 3.5',
            'Programming Language :: Python :: 3.6',
            'Programming Language :: Python :: 3.7',
            'Programming Language :: Python :: 3.8',
            'Programming Language :: Python :: Implementation :: CPython',
            'Programming Language :: Python :: Implementation :: PyPy',
            'Topic :: Internet :: Name Service (DNS)'
        ]
    }
```
setup(**arguments)

if __name__ == '__main__':
    main()

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* /opt/cola/permits/1110905341_1606871385.15/0/kjd-idna-v2-10-0-ge5c11db-1-tar-gz/kjd-idna-b8defb9/setup.py

1.4 ohc-core 0.4.4

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* /opt/cola/permits/1137446020_1614084835.77/0/ohc-core-0-4-4-sources-2-jar/org/caffinitas/ohc/linked/UnsExt.java
* /opt/cola/permits/1137446020_1614084835.77/0/ohc-core-0-4-4-sources-2-jar/org/caffinitas/ohc/tables/Murmur3.java
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* /opt/cola/permits/1137446020_1614084835.77/0/ohc-core-0-4-4-sources-2.jar/org/caffinitas/ohc/linked/DecompressingInputChannel.java
* /opt/cola/permits/1137446020_1614084835.77/0/ohc-core-0-4-4-sources-2.jar/org/caffinitas/ohc/linked/OHCacheImpl.java
* /opt/cola/permits/1137446020_1614084835.77/0/ohc-core-0-4-4-sources-2.jar/org/caffinitas/ohc/HashAlgorithm.java
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package github

import (
    "fmt"
    "net/http"
    "reflect"
    "testing"
)

func TestLicensesService_List(t *testing.T) {
    setup()
    defer teardown()

    mux.HandleFunc("/licenses", func(w http.ResponseWriter, r *http.Request) {
        testMethod(t, r, "GET")
        testHeader(t, r, "Accept", mediaTypeLicensesPreview)
        fmt.Fprint(w, `[
            {"key":"mit","name":"MIT","url":"https://api.github.com/licenses/mit"}
        ]`)})

    licenses, _, err := client.Licenses.List()
    if err != nil {
        t.Errorf("Licenses.List returned error: %v", err)
    }

    want := []License{License{
        Key:  String("mit"),
        Name: String("MIT"),
        URL:  String("https://api.github.com/licenses/mit"),
    }}
    if !reflect.DeepEqual(licenses, want) {
        t.Errorf("Licenses.List returned %+v, want %+v", licenses, want)
    }
}
func TestLicensesService_Get(t *testing.T) {
    setup()
    defer teardown()

    mux.HandleFunc("/licenses/mit", func(w http.ResponseWriter, r *http.Request) {
        testMethod(t, r, "GET")
        testHeader(t, r, "Accept", mediaTypeLicensesPreview)
        fmt.Fprint(w, `{"key":"mit","name":"MIT"}`)
    })
}

license, _, err := client.Licenses.Get("mit")
if err != nil {
    t.Errorf("Licenses.Get returned error: %v", err)
}

want := &License{Key: String("mit"), Name: String("MIT")}
if !reflect.DeepEqual(license, want) {
    t.Errorf("Licenses.Get returned %+v, want %+v", license, want)
}
}

func TestLicensesService_Get_invalidTemplate(t *testing.T) {
    _, _, err := client.Licenses.Get("%")
    testURLParseError(t, err)
}

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

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package github

import "fmt"

// LicensesService handles communication with the license related methods of the GitHub API.

type LicensesService struct {
    client *Client
}

// License represents an open source license.
type License struct {
    Key *string `json:"key,omitempty"`
    Name *string `json:"name,omitempty"`
    URL  *string `json:"url,omitempty"`
    HTMLURL        *string `json:"html_url",omitempty`
    Featured       *bool  `json:"featured,omitempty"`
    Description    *string `json:"description,omitempty"`
    Category       *string `json:"category,omitempty"`
    Implementation *string `json:"implementation,omitempty"`
    Required       *[]string `json:"required,omitempty"`
    Permitted      *[]string `json:"permitted,omitempty"`
    Forbidden      *[]string `json:"forbidden,omitempty"`
    Body           *string `json:"body,omitempty"`
}

func (l License) String() string {
    return Stringify(l)
}

// List popular open source licenses.
// GitHub API docs: https://developer.github.com/v3/licenses/#list-all-licenses
func (s *LicensesService) List() ([]License, *Response, error) {
    req, err := s.client.NewRequest("GET", "licenses", nil)
    if err != nil {
        return nil, nil, err
    }
    return s.client.Get(req)
}

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// Use of this source code is governed by a BSD-style license that can be found in the LICENSE file.
licenses := new([]License)
resp, err := s.client.Do(req, licenses)
if err != nil {
    return nil, resp, err
}

return *licenses, resp, err
}

// Fetch extended metadata for one license.
// GH API docs: https://developer.github.com/v3/licenses/#get-an-individual-license
func (s *LicensesService) Get(licenseName string) (*License, *Response, error) {
    u := fmt.Sprintf("licenses/%s", licenseName)

    req, err := s.client.NewRequest("GET", u, nil)
    if err != nil {
        return nil, nil, err
    }

    // TODO: remove custom Accept header when this API fully launches
    req.Header.Set("Accept", mediaTypeLicensesPreview)
    license := new(License)
    resp, err := s.client.Do(req, license)
    if err != nil {
        return nil, resp, err
    }

    return license, resp, err
}

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text format.

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* Added @Override annotation to generated Java code where appropriate.

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* Solaris 10 + Sun Studio fixes.

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Oleg Smolsky <oleg.smolsky@gmail.com>
* MS Visual Studio error format option.
* Detect unordered_map in stl_hash.m4.

Brian Olson <brianolson@google.com>
* gzip/zlib I/O support.

Michael Poole <mdpoole@troilus.org>
* Fixed warnings about generated constructors not explicitly initializing all fields (only present with certain compiler settings).
* Added generation of field number constants.

Wink Saville <wink@google.com>
* Fixed initialization ordering problem in logging code.

Will Pierce <willp@nuclei.com>
* Small patch improving performance of in Python serialization.

Alexandre Vassalotti <alexandre@peadrop.com>
* Emacs mode for Protocol Buffers (editors/protobuf-mode.el).

Scott Stafford <scott.stafford@gmail.com>
* Added Swap(), SwapElements(), and RemoveLast() to Reflection interface.

Alexander Melnikov <alm@sibmail.ru>
* HPUX support.

Oliver Jowett <oliver.jowett@gmail.com>
* Detect whether zlib is new enough in configure script.
* Fixes for Solaris 10 32/64-bit confusion.

Evan Jones <evanj@mit.edu>
* Optimize Java serialization code when writing a small message to a stream.
* Optimize Java serialization of strings so that UTF-8 encoding happens only once per string per serialization call.
* Clean up some Java warnings.
* Fix bug with permanent callbacks that delete themselves when run.

Michael Kucharski <m.kucharski@gmail.com>
* Added CodedInputStream.getTotalBytesRead().

Kacper Kowalik <xarthiusius.kk@gmail.com>
* Fixed m4/acx_pthread.m4 problem for some Linux distributions.

William Orr <will@worrbase.com>
* Fixed detection of sched_yield on Solaris.
* Added atomicops for Solaris.

Andrew Paprocki <andrew@ishiboo.com>
* Fixed minor IBM xIC compiler build issues
* Added atomicops for AIX (POWER)
1.13 jetty 9.4.16.v20190411

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Eclipse

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

------
OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

------

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util
org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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Mortbay

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas
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1.16 jackson-module-parameter-names 2.9.10

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* /opt/cola/permits/1157660983_1619616448.86/0/spring-messaging-5-1-11-release-sources-2.jar/org/springframework/messaging/simp/stomp/StompEncoder.java
* /opt/cola/permits/1157660983_1619616448.86/0/spring-messaging-5-1-11-release-sources-2.jar/org/springframework/messaging/config/AbstractMessageBrokerConfiguration.java
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* /opt/cola/permits/1157660983_1619616448.86/0/spring-messaging-5-1-11-release-sources-2-jar/org/springframework/messaging/simp/stomp/BufferingStompDecoder.java
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* /opt/cola/permissions/1157660983_1619616448.86/spring-messaging-5.1.11-release-sources-2.jar/org/springframework/messaging/handler/invocation/AbstractMethodMessageHandler.java
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 */
/**
 * Set the max pool size of the ThreadPoolExecutor.
 * <p><strong>NOTE:</strong> When an unbounded
 * {[@link #queueCapacity(int) queueCapacity} is configured (the default), the
 * max pool size is effectively ignored. See the "Unbounded queues" strategy
 * in {[@link java.util.concurrent.ThreadPoolExecutor ThreadPoolExecutor] for
 * more details.
 * By default this is set to {[@code Integer.MAX_VALUE].
 */

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1.22 jackson-databind 2.9.10.8

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Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.
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1.23 expat 2.2.5-3ubuntu0.1

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1.31 ncurses 6.1_p20200118-r4

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1.34 gofuzz 1.1.0

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1.35 color 1.9.0

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1.38 base-passwd 3.5.44

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Bit reading helpers
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Lookup tables to map prefix codes to value ranges. This is used during
decoding of the block lengths, literal insertion lengths and copy lengths.
*/

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Collection of static dictionary words.
*/

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Lookup table to map the previous two bytes to a context id.

There are four different context modeling modes defined here:
  CONTEXT_LSB6: context id is the least significant 6 bits of the last byte,
  CONTEXT_MSB6: context id is the most significant 6 bits of the last byte,
  CONTEXT_UTF8: second-order context model tuned for UTF8-encoded text,
  CONTEXT_SIGNED: second-order context model tuned for signed integers.

The context id for the UTF8 context model is calculated as follows. If p1
and p2 are the previous two bytes, we calculate the context as

context = kContextLookup[p1] | kContextLookup[p2 + 256].

If the previous two bytes are ASCII characters (i.e. < 128), this will be
equivalent to

context = 4 * context1(p1) + context2(p2),

where context1 is based on the previous byte in the following way:

  0 : non-ASCII control
  1 : \t, \n, \r
  2 : space
  3 : other punctuation
  4 : "'
  5 : %
  6 : ( < [ { 
  7 : ) > ] }
  8 : . ; :
  9 : .
 10 : =
 11 : number
 12 : upper-case vowel
 13 : upper-case consonant
 14 : lower-case vowel
 15 : lower-case consonant
and context2 is based on the second last byte:

0 : control, space
1 : punctuation
2 : upper-case letter, number
3 : lower-case letter

If the last byte is ASCII, and the second last byte is not (in a valid UTF8 stream it will be a continuation byte, value between 128 and 191), the context is the same as if the second last byte was an ASCII control or space.

If the last byte is a UTF8 lead byte (value >= 192), then the next byte will be a continuation byte and the context id is 2 or 3 depending on the LSB of the last byte and to a lesser extent on the second last byte if it is ASCII.

If the last byte is a UTF8 continuation byte, the second last byte can be:
- continuation byte: the next byte is probably ASCII or lead byte (assuming 4-byte UTF8 characters are rare) and the context id is 0 or 1.
- lead byte (192 - 207): next byte is ASCII or lead byte, context is 0 or 1
- lead byte (208 - 255): next byte is continuation byte, context is 2 or 3

The possible value combinations of the previous two bytes, the range of context ids and the type of the next byte is summarized in the table below:

```
<p>|---------------------------------------------------------------------------------------------------------------------|
|        \                                                                                                           |
| Second -------------------------------------------------------------------------------------------------------------|
| last byte \     ASCII         |   cont. byte    |   lead byte    |
|            \   (0-127)         | (128-191)      | (192-)        |
|=============|===================|================|
|  ASCII      | next: ASCII/lead  | not valid      | next: cont.    |</p>
<table>
<thead>
<tr>
<th>(0-127)</th>
<th>context: 4 - 63</th>
<th></th>
<th>context: 2 - 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>(128-191)</td>
<td>context: 4 - 63</td>
<td>context: 0 - 1</td>
<td>context: 2 - 3</td>
</tr>
<tr>
<td>-------------</td>
<td>-------------------</td>
<td>-----------------</td>
<td>----------------</td>
</tr>
<tr>
<td>lead byte</td>
<td>not valid</td>
<td>next: ASCII/lead</td>
<td>not valid</td>
</tr>
<tr>
<td>(192-207)</td>
<td>context: 0 - 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>-------------------</td>
<td>-----------------</td>
<td>----------------</td>
</tr>
<tr>
<td>lead byte</td>
<td>not valid</td>
<td>next: cont.</td>
<td>not valid</td>
</tr>
<tr>
<td>(208-)</td>
<td>context: 2 - 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>-------------------</td>
<td>-----------------</td>
<td>----------------</td>
</tr>
</tbody>
</table>
```

The context id for the signed context mode is calculated as:

\[
\text{context} = (k\text{ContextLookup}[512 + p1] \ll 3) | k\text{ContextLookup}[512 + p2].
\]
For any context modeling modes, the context ids can be calculated by |-ing together two lookups from one table using context model dependent offsets:

\[
\text{context} = \text{kContextLookup[offset1 + p1]} \mid \text{kContextLookup[offset2 + p2]}
\]

where offset1 and offset2 are dependent on the context mode.

*/

Found in path(s):
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**1.46 openjdk-jre 1.8.0u292**

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Eclipse

The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL/GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

------
Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
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org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util
org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

1.49 aopalliance-repackaged 2.5.0

1.50 kubernetes-kubectl 0.20.1

1.50.1 Available under license:

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package github

import (
    "fmt"
    "net/http"
    "reflect"
    "testing"
)

func TestLicensesService_List(t *testing.T) {
    setup()
    defer teardown()

    mux.HandleFunc("/licenses", func(w http.ResponseWriter, r *http.Request) {
        testMethod(t, r, "GET")
        testHeader(t, r, "Accept", mediaTypeLicensesPreview)
        fmt.Fprint(w, `[{"key":"mit","name":"MIT","url":"https://api.github.com/licenses/mit"}]`)
    })

    licenses, _, err := client.Licenses.List()
    if err != nil {
        t.Errorf("Licenses.List returned error: %v", err)
    }

    want := []License{License{
        Key:  String("mit"),
        Name: String("MIT"),
        URL:  String("https://api.github.com/licenses/mit"),
    }}
    if !reflect.DeepEqual(licenses, want) {
        t.Errorf("Licenses.List returned %+v, want %+v", licenses, want)
    }
}
func TestLicensesService_Get(t *testing.T) {
    setup()
    defer teardown()

    mux.HandleFunc("/licenses/mit", func(w http.ResponseWriter, r *http.Request) {
        testMethod(t, r, "GET")
        testHeader(t, r, "Accept", mediaTypeLicensesPreview)
        fmt.Fprintf(w, `{"key":"mit","name":"MIT"}
    })

    license, __, err := client.Licenses.Get("mit")
    if err != nil {
        t.Errorf("Licenses.Get returned error: %v", err)
    }

    want := &License{Key: String("mit"), Name: String("MIT")}
    if !reflect.DeepEqual(license, want) {
        t.Errorf("Licenses.Get returned %+v, want %+v", license, want)
    }
}

func TestLicensesService_Get_invalidTemplate(t *testing.T) {
    __, __, err := client.Licenses.Get("%")
    testURLParseError(t, err)
}

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

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

fields:
  site: string

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package github

import "fmt"

// LicensesService handles communication with the license related
// methods of the GitHub API.

type LicensesService struct {
    client *Client
}

// License represents an open source license.
type License struct {
    Key  *string `json:"key",omitempty"`
    Name *string `json:"name",omitempty"`
    URL  *string `json:"url",omitempty"`
    HTMLURL        *string   `json:"html_url",omitempty`        
    Featured       *bool     `json:"featured",omitempty"`
    Description    *string   `json:"description",omitempty"`
    Category       *string   `json:"category",omitempty"`
    Implementation *string   `json:"implementation",omitempty"`
    Required       *[]string `json:"required",omitempty"`
    Permitted      *[]string `json:"permitted",omitempty"`
    Forbidden      *[]string `json:"forbidden",omitempty"`
    Body           *string   `json:"body",omitempty"`
}

func (l License) String() string {
    return Stringify(l)
}

// List popular open source licenses.

// GitHub API docs: https://developer.github.com/v3/licenses/#list-all-licenses
func (s *LicensesService) List() ([]License, *Response, error) {
    req, err := s.client.NewRequest("GET", "licenses", nil)
    if err != nil {
        return nil, nil, err
    }

    // TODO: remove custom Accept header when this API fully launches
    req.Header.Set("Accept", mediaTypeLicensesPreview)

    licenses := new([]License)
    resp, err := s.client.Do(req, licenses)
    if err != nil {
        return nil, nil, err
    }

    return licenses, resp, nil
}
// Fetch extended metadata for one license.
// GitHub API docs: https://developer.github.com/v3/licenses/#get-an-individual-license
func (s *LicensesService) Get(licenseName string) (*License, *Response, error) {
  u := fmt.Sprintf("licenses/%s", licenseName)

  req, err := s.client.NewRequest("GET", u, nil)
  if err != nil {
    return nil, nil, err
  }

  // TODO: remove custom Accept header when this API fully launches
  req.Header.Set("Accept", mediaTypeLicensesPreview)

  license := new(License)
  resp, err := s.client.Do(req, license)
  if err != nil {
    return nil, resp, err
  }

  return license, resp, err
}

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1.51 kubernetes-cliruntime 0.17.2

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* github.com/BurntSushi/toml - https://github.com/BurntSushi/toml

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* golang.org/x/mod/module - https://github.com/golang/mod

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tomb - support for clean goroutine termination in Go.

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package simulator

import (  
    "github.com/vmware/govmomi/object"  
    "github.com/vmware/govmomi/vim25/methods"  
    "github.com/vmware/govmomi/vim25/mo"  
    "github.com/vmware/govmomi/vim25/soap"  
    "github.com/vmware/govmomi/vim25/types"
)
// EvalLicense is the default license
var EvalLicense = types.LicenseManagerLicenseInfo{
    LicenseKey: "00000-00000-00000-00000-00000-00000",
    EditionKey: "eval",
    Name: "Evaluation Mode",
    Properties: []types.KeyAnyValue{
        {
            Key: "feature",
            Value: types.KeyValue{
                Key: "serialuri:2",
                Value: "Remote virtual Serial Port Concentrator",
            },
        },
        {
            Key: "feature",
            Value: types.KeyValue{
                Key: "dvs",
                Value: "vSphere Distributed Switch",
            },
        },
    }
}

type LicenseManager struct {
    mo.LicenseManager
}

func NewLicenseManager(ref types.ManagedObjectReference) object.Reference {
    m := &LicenseManager{}
    m.Self = ref
    m.Licenses = []types.LicenseManagerLicenseInfo{EvalLicense}
    if Map.IsVPX() {
        am := Map.Put(&LicenseAssignmentManager{}).Reference()
        m.LicenseAssignmentManager = &am
    }
    return m
}

func (m *LicenseManager) AddLicense(req *types.AddLicense) soap.HasFault {
    body := &methods.AddLicenseBody{
        Res: &types.AddLicenseResponse{ },
    }
    for _, license := range m.Licenses {
        if license.LicenseKey == req.LicenseKey {
            body.Res.Returnval = licenseInfo(license.LicenseKey, license.Labels)
        }
    }
    return
}
m.Licenses = append(m.Licenses, types.LicenseManagerLicenseInfo{
LicenseKey: req.LicenseKey,
Labels: req.Labels,
})

body.Res.Returnval = licenseInfo(req.LicenseKey, req.Labels)

return body

func (m *LicenseManager) RemoveLicense(req *types.RemoveLicense) soap.HasFault {
body := &methods.RemoveLicenseBody{
Res: &types.RemoveLicenseResponse{},
}

for i, license := range m.Licenses {
if req.LicenseKey == license.LicenseKey {
    m.Licenses = append(m.Licenses[:i], m.Licenses[i+1:]...)  
    return body
    }
}

return body

}

func (m *LicenseManager) UpdateLicenseLabel(req *types.UpdateLicenseLabel) soap.HasFault {
body := &methods.UpdateLicenseLabelBody{
}

for i := range m.Licenses {
    license := &m.Licenses[i]
    
    if req.LicenseKey != license.LicenseKey {
        continue
    }
    
    body.Res = new(types.UpdateLicenseLabelResponse)

    for j := range license.Labels {
        label := &license.Labels[j]
        
        if label.Key == req.LabelKey {
            if req.LabelValue == "" {
                license.Labels = append(license.Labels[:i], license.Labels[i+1:]...)  
            } else {
                label.Value = req.LabelValue
            }
        }
    }

    return body
}

return body


license.Labels = append(license.Labels, types.KeyValue{
    Key:   req.LabelKey,
    Value: req.LabelValue,
})

return body

body.Fault_ = Fault("", &types.InvalidArgument{InvalidProperty: "licenseKey"})
return body

type LicenseAssignmentManager struct {
    mo.LicenseAssignmentManager
}

func (m *LicenseAssignmentManager) QueryAssignedLicenses(req *types.QueryAssignedLicenses) soap.HasFault {
    body := &methods.QueryAssignedLicensesBody{
        Res: &types.QueryAssignedLicensesResponse{ },
    }

    // EntityId can be a HostSystem or the vCenter InstanceUuid
    if req.EntityId != "" {
        if req.EntityId != Map.content().About.InstanceUuid {
            id := types.ManagedObjectReference{
                Type: "HostSystem",
                Value: req.EntityId,
            }

            if Map.Get(id) == nil {
                return body
            }
        }
    }

    body.Res.Returnval = []types.LicenseAssignmentManagerLicenseAssignment{
        {
            EntityId:    req.EntityId,
            AssignedLicense: EvalLicense,
        },
    }

    return body

return body

func licenseInfo(key string, labels []types.KeyValue) types.LicenseManagerLicenseInfo {
    info := EvalLicense

    info.LicenseKey = key
    info.Labels = labels

    return info
}

Common libraries shared by Prometheus Go components.
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Feb, 2010

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## Copying Container Files

### Motivation

- Copying files from Containers in a cluster to a local filesystem
- Copying files from a local filesystem to Containers in a cluster

Copy requires that *tar* be installed in the container image.

### Local to Remote

Copy a local file to a remote Pod in a cluster.

- Local file format is `\`<path>`\`
- Remote file format is `\`<pod-name>::<path>`\`

```
bash
kubectl cp /tmp/foo_dir <some-pod>:/tmp/bar_dir
```

### Remote to Local

Copy a remote file from a Pod to a local file.

- Local file format is `\`<path>`\`
- Remote file format is `pod-name:path`

```bash
kubectl cp some-pod:/tmp/foo /tmp/bar
```

### Specify the Container

Specify the Container within a Pod running multiple containers.

- `-c container-name`

```bash
kubectl cp /tmp/foo some-pod:/tmp/bar -c specific-container
```

### Namespaces

Set the Pod namespace by prefixing the Pod name with `namespace/pod`.

- `pod-namespace/pod-name:path`

```bash
kubectl cp /tmp/foo some-namespace/some-pod:/tmp/bar
```

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Protocol Buffers for Go with Gadgets

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

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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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package migration

import "fmt"

// Notice is a migration warning
type Notice struct {
    Plugin     string
    Option     string
    Severity   string // 'deprecated', 'removed', or 'unsupported'
    ReplacedBy string
    Additional string
    Version    string
}

func (n *Notice) ToString() string {
    s := ""
    if n.Option == "" { 
        s += fmt.Sprintf(`Plugin "%v" `, n.Plugin)
    } else {
        s += fmt.Sprintf(`Option "%v" in plugin "%v" `, n.Option, n.Plugin)
    }
    if n.Severity == unsupported {
        s += "is unsupported by this migration tool in " + n.Version + "."
    } else if n.Severity == newdefault {
        s += "is added as a default in " + n.Version + "."
    } else {
        s += "is " + n.Severity + " in " + n.Version + "."
    }
    if n.ReplacedBy != "" { 
        s += fmt.Sprintf(` It is replaced by "%v" `, n.ReplacedBy)
    }
    if n.Additional != "" {
        s += " " + n.Additional
return s
}

const (
// The following statuses are used to indicate the state of support/deprecation in a given release.
deprecated = "deprecated" // deprecated, but still completely functional
ignored = "ignored" // if included in the corefile, it will be ignored by CoreDNS
removed = "removed" // completely removed from CoreDNS, and would cause CoreDNS to exit if present in
the Corefile
newdefault = "newdefault" // added to the default corefile. CoreDNS may not function properly if it is not present
in the corefile.
unsupported = "unsupported" // the plugin/option is not supported by the migration tool

// The following statuses are used for selecting/filtering notifications
all = "all" // show all statuses
)

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* /opt/ws_local/PERMITS_SQL/1077201588_1596778671.14/0/spring-security-web-5-1-7-release-sources-
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  jar/org/springframework/security/web/jackson2/WebAuthenticationDetailsMixin.java
* /opt/ws_local/PERMITS_SQL/1077201588_1596778671.14/0/spring-security-web-5-1-7-release-sources-
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* /opt/ws_local/PERMITS_SQL/1077201588_1596778671.14/0/spring-security-web-5-1-7-release-sources-
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1.54 libjpeg 6b

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This software is based in part on the work of the Independent JPEG Group.

1.54.2 Available under license :
The Independent JPEG Group's JPEG software

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README for release 6b of 27-Mar-1998
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This distribution contains the sixth public release of the Independent JPEG Group's free JPEG software. You are welcome to redistribute this software and to use it for any purpose, subject to the conditions under LEGAL ISSUES, below.

Serious users of this software (particularly those incorporating it into larger programs) should contact IJG at jpeg-info@uunet.uu.net to be added to our electronic mailing list. Mailing list members are notified of updates and have a chance to participate in technical discussions, etc.

This software is the work of Tom Lane, Philip Gladstone, Jim Boucher, Lee Crocker, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Guido Vollbeding, Ge' Weijers, and other members of the Independent JPEG Group.

IJG is not affiliated with the official ISO JPEG standards committee.

DOCUMENTATION ROADMAP

This file contains the following sections:

OVERVIEW General description of JPEG and the IJG software.
LEGAL ISSUES Copyright, lack of warranty, terms of distribution.
REFERENCES Where to learn more about JPEG.
ARCHIVE LOCATIONS Where to find newer versions of this software.
RELATED SOFTWARE Other stuff you should get.
FILE FORMAT WARS Software *not* to get.
TO DO Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:
install.doc How to configure and install the IJG software.
usage.doc Usage instructions for cjpeg, djpeg, jpegtran, rdjpgcom, and wrjpgcom.
*.1 Unix-style man pages for programs (same info as usage.doc).
wizard.doc Advanced usage instructions for JPEG wizards only.
change.log Version-to-version change highlights.

Programmer and internal documentation:
libjpeg.doc How to use the JPEG library in your own programs.
example.c Sample code for calling the JPEG library.
structure.doc Overview of the JPEG library's internal structure.
filelist.doc Road map of IJG files.
coderules.doc Coding style rules --- please read if you contribute code.

Please read at least the files install.doc and usage.doc. Useful information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

OVERVIEW
========

This package contains C software to implement JPEG image compression and decompression. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images. JPEG is intended for compressing "real-world" scenes; line drawings, cartoons and other non-realistic images are not its strong suit. JPEG is lossy, meaning that the output image is not exactly identical to the input image. Hence you must not use JPEG if you have to have identical output bits. However, on typical photographic images, very good compression levels can be obtained with no visible change, and remarkably high compression levels are possible if you can tolerate a low-quality image. For more details, see the references, or just experiment with various compression settings.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet.
For legal reasons, we are not distributing code for the arithmetic-coding variants of JPEG; see LEGAL ISSUES. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application. We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

We welcome the use of this software as a component of commercial products. No royalty is required, but we do ask for an acknowledgement in product documentation, as described under LEGAL ISSUES.

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The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltconfig, ltmain.sh). Another support script, install-sh, is copyright by M.I.T. but is also freely distributable.
It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

We are required to state that
"The Graphics Interchange Format(c) is the Copyright property of CompuServe Incorporated. GIF(sm) is a Service Mark property of CompuServe Incorporated."

REFERENCES
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We highly recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PostScript file containing a revised version of Wallace's article is available at ftp://ftp.uu.net/graphics/jpeg/wallace.ps.gz. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...

The JPEG standard itself is not available electronically; you must order a paper copy through ISO or ITU. (Unless you feel a need to own a certified official copy, we recommend buying the Pennebaker and Mitchell book instead; it's much cheaper and includes a great deal of useful explanatory material.) In the USA, copies of the standard may be ordered from ANSI Sales at (212) 642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging $95 for Part 1 and $47 for Part 2, plus 7% shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

Some extensions to the original JPEG standard are defined in JPEG Part 3, a newer ISO standard numbered ISO/IEC IS 10918-3 and ITU-T T.84. IJG currently does not support any Part 3 extensions.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. A copy of the JFIF spec is available from:

Literature Department
C-Cube Microsystems, Inc.
1778 McCarthy Blvd.
Milpitas, CA 95035
phone (408) 944-6300, fax (408) 944-6314
A PostScript version of this document is available by FTP at ftp://ftp.uu.net/graphics/jpeg/jfif.ps.gz. There is also a plain text version at ftp://ftp.uu.net/graphics/jpeg/jfif.txt.gz, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from ftp.sgi.com or from ftp://ftp.uu.net/graphics/jpeg/. It is expected that the next revision
of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note. libtiff is available from ftp://ftp.sgi.com/graphics/tiff/.

ARCHIVE LOCATIONS

The "official" archive site for this software is ftp.uu.net (Internet address 192.48.96.9). The most recent released version can always be found there in directory graphics/jpeg. This particular version will be archived as ftp://ftp.uu.net/graphics/jpeg/jpegsrc.v6b.tar.gz. If you don't have direct Internet access, UUNET's archives are also available via UUCP; contact help@uunet.uu.net for information on retrieving files that way.

Numerous Internet sites maintain copies of the UUNET files. However, only ftp.uu.net is guaranteed to have the latest official version.

You can also obtain this software in DOS-compatible "zip" archive format from the SimTel archives (ftp://ftp.simtel.net/pub/simtelnet/msdos/graphics/), or on CompuServe in the Graphics Support forum (GO CIS:GRAPHSUP), library 12 "JPEG Tools". Again, these versions may sometimes lag behind the ftp.uu.net release.

The JPEG FAQ (Frequently Asked Questions) article is a useful source of general information about JPEG. It is updated constantly and therefore is not included in this distribution. The FAQ is posted every two weeks to Usenet newsgroups comp.graphics.misc, news.answers, and other groups. It is available on the World Wide Web at http://www.faqs.org/faqs/jpeg-faq/ and other news.answers archive sites, including the official news.answers archive at rtfm.mit.edu: ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/.

If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body

send usenet/news.answers/jpeg-faq/part1
send usenet/news.answers/jpeg-faq/part2

RELATED SOFTWARE

Numerous viewing and image manipulation programs now support JPEG. (Quite a few of them use this library to do so.) The JPEG FAQ described above lists some of the more popular free and shareware viewers, and tells where to obtain them on Internet.

If you are on a Unix machine, we highly recommend Jef Poskanzer's free PBMPLUS software, which provides many useful operations on PPM-format image
files. In particular, it can convert PPM images to and from a wide range of other formats, thus making cjpeg/djpeg considerably more useful. The latest version is distributed by the NetPBM group, and is available from numerous sites, notably ftp://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/. Unfortunately PBMPLUS/NETPBM is not nearly as portable as the IJG software is; you are likely to have difficulty making it work on any non-Unix machine.

A different free JPEG implementation, written by the PVRG group at Stanford, is available from ftp://havefun.stanford.edu/pub/jpeg/. This program is designed for research and experimentation rather than production use; it is slower, harder to use, and less portable than the IJG code, but it is easier to read and modify. Also, the PVRG code supports lossless JPEG, which we do not. (On the other hand, it doesn't do progressive JPEG.)

FILE FORMAT WARS
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Some JPEG programs produce files that are not compatible with our library. The root of the problem is that the ISO JPEG committee failed to specify a concrete file format. Some vendors "filled in the blanks" on their own, creating proprietary formats that no one else could read. (For example, none of the early commercial JPEG implementations for the Macintosh were able to exchange compressed files.)

The file format we have adopted is called JFIF (see REFERENCES). This format has been agreed to by a number of major commercial JPEG vendors, and it has become the de facto standard. JFIF is a minimal or "low end" representation. We recommend the use of TIFF/JPEG (TIFF revision 6.0 as modified by TIFF Technical Note #2) for "high end" applications that need to record a lot of additional data about an image. TIFF/JPEG is fairly new and not yet widely supported, unfortunately.

The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether SPIFF will supersede JFIF or whether JFIF will remain the de-facto standard. IJG intends to support SPIFF once the standard is frozen, but we have not decided whether it should become our default output format or not. (In any case, our decoder will remain capable of reading JFIF indefinitely.)

Various proprietary file formats incorporating JPEG compression also exist. We have little or no sympathy for the existence of these formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, open format standards for JPEG files. Don't use a proprietary file format!
TO DO

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The major thrust for v7 will probably be improvement of visual quality. The current method for scaling the quantization tables is known not to be very good at low Q values. We also intend to investigate block boundary smoothing, "poor man's variable quantization", and other means of improving quality-vs-file-size performance without sacrificing compatibility.

In future versions, we are considering supporting some of the upcoming JPEG Part 3 extensions --- principally, variable quantization and the SPIFF file format.

As always, speeding things up is of great interest.

Please send bug reports, offers of help, etc. to jpeg-info@uunet.uu.net.

1.55 asm-tree 5.0.3
1.55.1 Available under license:

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*/opt/cola/permits/1135840527_1613613081.7/0/asm-tree-5-0-3-sources-1-jar/org/objectweb/asm/FieldVisitor.java
*/opt/cola/permits/1135840527_1613613081.7/0/asm-tree-5-0-3-sources-1-jar/org/objectweb/asm/util/CheckMethodAdapter.java
*/opt/cola/permits/1135840527_1613613081.7/0/asm-tree-5-0-3-sources-1-jar/org/objectweb/asm/ClassWriter.java
*/opt/cola/permits/1135840527_1613613081.7/0/asm-tree-5-0-3-sources-1-jar/org/objectweb/asm/optimizer/NameMapping.java
*/opt/cola/permits/1135840527_1613613081.7/0/asm-tree-5-0-3-sources-1-jar/org/objectweb/asm/util/TraceSignatureVisitor.java
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*/opt/cola/permits/1135840527_1613613081.7/0/asm-tree-5-0-3-sources-1-jar/org/objectweb/asm/AnnotationVisitor.java
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*/opt/cola/permits/1135840527_1613613081.7/0/asm-tree-5-0-3-sources-1-jar/org/objectweb/asm/commons/RemappingMethodAdapter.java
*/opt/cola/permits/1135840527_1613613081.7/0/asm-tree-5-0-3-sources-1-jar/org/objectweb/asm/tree/LabelNode.java
*/opt/cola/permits/1135840527_1613613081.7/0/asm-tree-5-0-3-sources-1-jar/org/objectweb/asm/util/TraceClassVisitor.java
*/opt/cola/permits/1135840527_1613613081.7/0/asm-tree-5-0-3-sources-1-jar/org/objectweb/asm/tree/InsnNode.java
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*/opt/cola/permits/1135840527_1613613081.7/0/asm-tree-5-0-3-sources-1-jar/org/objectweb/asm/commons/MethodAdapter.java
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 * ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF
 * THE POSSIBILITY OF SUCH DAMAGE.
 */
/**
 * Creates a new {@link AnalyzerAdapter}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * [{@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}]
 * version.
 *
 * @param owner
 *    the owner's class name.
 * @param access
 *    the method's access flags (see [{@link Opcodes}]).
 * @param name
 *    the method's name.
 * @param desc
 *    the method's descriptor (see [{@link Type Type}]).
 * @param mv
 *    the method visitor to which this adapter delegates calls. May
 *    be <tt>null</tt>.
 */
* @throws IllegalStateException
*     If a subclass calls this constructor.
*/

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* /opt/cola/permits/1135840527_1613613081.7/0/asm-tree-5-0-3-sources-1-
  jar/org/objectweb/asm/commons/AnalyzerAdapter.java

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 * THE POSSIBILITY OF SUCH DAMAGE.
 */
/**
 * Creates a new [ @link GeneratorAdapter ]. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * [ @link #GeneratorAdapter(int, MethodVisitor, int, String, String) ]
 * version.
 *
 * @param mv
 *     the method visitor to which this adapter delegates calls.
 * @param access
 *     the method's access flags (see [ @link Opcodes ]).
** @param name
the method's name.
** @param desc
the method's descriptor (see [@link Type Type]).
** @throws IllegalStateException
If a subclass calls this constructor.
*/

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*/
/**
* Creates a new JSRInliner. <i>Subclasses must not use this
* constructor</i>. Instead, they must use the
* [@link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])]
* version.
*
* @param mv
* the <code>MethodVisitor</code> to send the resulting inlined
* method code to (use <code>null</code> for none).
* @param access
* the method's access flags (see [@link Opcodes]). This
* parameter also indicates if the method is synthetic and/or
* deprecated.
* @param name
* the method's name.
* @param desc
* the method's descriptor (see [@link Type]).
* @param signature
* the method's signature. May be <tt>null</tt>.
* @param exceptions
* the internal names of the method's exception classes (see
* { [@link Type#getInternalName() getInternalName ]}). May be
* <tt>null</tt>.
* @throws IllegalStateException
* If a subclass calls this constructor.
*/

Found in path(s):
* /opt/cola/permits/1135840527_1613613081.7/0/asm-tree-5-0-3-sources-1-
  jar/org/objectweb/asm/commons/JSRInlinerAdapter.java

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*/
* Constructs a new [@link Textifier]. *Subclasses must not use this
* constructor*. Instead, they must use the [@link #Textifier(int)]
* version.
*
* @throws IllegalStateException
* If a subclass calls this constructor.
*/

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* /opt/cola/permits/1135840527_1613613081.7/0/asm-tree-5-0-3-sources-1-jar/org/objectweb/asm/util/Textifier.java

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* /opt/cola/permits/1135840527_1613613081.7/0/asm-tree-5-0-3-sources-1-jar/org/objectweb/asm/xml/SAXFieldAdapter.java
* /opt/cola/permits/1135840527_1613613081.7/0/asm-tree-5-0-3-sources-1-
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 */
/**
 * Constructs a new @link LocalVariableAnnotationNode. <i>Subclasses must
 * not use this constructor</i>. Instead, they must use the
 * @link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)
 * version.
 *
 * @param typeRef
 * a reference to the annotated type. See @link TypeReference}.
* @param typePath
* the path to the annotated type argument, wildcard bound, array
* element type, or static inner type within 'typeRef'. May be
* <tt>null</tt> if the annotation targets 'typeRef' as a whole.
* @param start
* the list instructions corresponding to the continuous ranges
* that make the scope of this local variable (inclusive).
* @param end
* the last instructions corresponding to the continuous ranges
* that make the scope of this local variable (exclusive). This
* array must have the same size as the 'start' array.
* @param index
* the local variable’s index in each range. This array must have
* the same size as the 'start' array.
* @param desc
* the class descriptor of the annotation class.
*/

Found in path(s):
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jar/org/objectweb/asm/tree/LocalVariableAnnotationNode.java

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 * Constructs a new {@link ClassNode}. <i>Subclasses must not use this constructor</i>. Instead, they must use the
 * @link #ClassNode(int)} version.
 * @throws IllegalStateException
 *             If a subclass calls this constructor.
 */

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

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1.69 httpcomponents-core 4.4.10

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* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-jar/com/datastax/driver/core/AbstractTableMetadata.java
* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-jar/com/datastax/driver/core/Statement.java
* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-jar/com/datastax/driver/core/policies/Clock.java
* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-jar/com/datastax/driver/core/ChainedResultSetFuture.java
* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-jar/com/datastax/driver/core/SimpleJSONParser.java
* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-jar/com/datastax/driver/core/policies/LoggingRetryPolicy.java
* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-jar/com/datastax/driver/core/exceptions/UnauthorizedException.java
* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-jar/com/datastax/driver/core/utils/Bytes.java
* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-jar/com/datastax/driver/core/Token.java
* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-
jar/com/datastax/driver/core/SnappyCompressor.java
* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-
jar/com/datastax/driver/core/ClusteringOrder.java
* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-
jar/com/datastax/driver/core/ThreadingOptions.java
* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-
jar/com/datastax/driver/core/exceptions/FrameTooLongException.java
* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-
jar/com/datastax/driver/core/AbstractData.java
* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-
jar/com/datastax/driver/core/ClusteringOrder.java
* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-
jar/com/datastax/driver/core/RegularStatement.java
* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-
jar/com/datastax/driver/core/schemabuilder/DropKeyspace.java
* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-
jar/com/datastax/driver/core/policies/HostFilterPolicy.java
* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-
jar/com/datastax/driver/core/LocalDate.java
* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-
jar/com/datastax/driver/core/SettableByNameData.java
* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-
jar/com/datastax/driver/core/policies/ChainingLoadBalancingPolicy.java
* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-
jar/com/datastax/driver/core/querybuilder/Insert.java
* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-
jar/com/datastax/driver/core/policies/ReconnectionPolicy.java
* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-
jar/com/datastax/driver/core/HostDistance.java
* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-
jar/com/datastax/driver/core/GettableByNameData.java
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Found in path(s):
* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-
jar/com/datastax/driver/core/VIntCoding.java
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/**
 * The value returned for connection options when they have not been set by the client, and the protocol version
 * is not known yet.
 * <p/>
 * Once a {@code PoolingOptions} object is associated to a {@link Cluster} and that cluster initializes, the
 * protocol version will be detected, and connection options will take their default values for that protocol
 * version.
 * <p/>
 * The methods that may return this value are:
 * {@link #getCoreConnectionsPerHost(HostDistance)},
 * {@link #getMaxConnectionsPerHost(HostDistance)},
 * {@link #getNewConnectionThreshold(HostDistance)},
 * {@link #getMaxRequestsPerConnection(HostDistance)}.
 */

Found in path(s):
* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-
jar/com/datastax/driver/core/PoolingOptions.java
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* /opt/cola/permits/1001043527_1607138325.95/0/cassandra-driver-core-3-3-0-sources-1-jar/META-INF/maven/com.datastax.cassandra/cassandra-driver-core/pom.xml

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1.72 spring-framework 5.1.18.RELEASE

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package java.security;

/**
 * Abstract class for representing access to a system resource.
 * All permissions have a name (whose interpretation depends on the subclass),
 * as well as abstract functions for defining the semantics of the
 * particular Permission subclass.
 *
 * <p>Most Permission objects also include an "actions" list that tells the actions
 * that are permitted for the object. For example,
 * for a [@code java.io.FilePermission] object, the permission name is
 * the pathname of a file (or directory), and the actions list
 * (such as "read, write") specifies which actions are granted for the
 * specified file (or for files in the specified directory).
 */
* The actions list is optional for Permission objects, such as
  * [code java.lang.RuntimePermission],
  * that don’t need such a list; you either have the named permission (such
    * as "system.exit") or you don’t.
  *
  * <p>An important method that must be implemented by each subclass is
  * the [code implies] method to compare Permissions. Basically,
  * "permission p1 implies permission p2" means that
  * if one is granted permission p1, one is naturally granted permission p2.
  * Thus, this is not an equality test, but rather more of a
  * subset test.
  *
  * <p>Permission objects are similar to String objects in that they
  * are immutable once they have been created. Subclasses should not
  * provide methods that can change the state of a permission
  * once it has been created.
  *
  * [see Permissions]
  * [see PermissionCollection]
  *
  *
  * [author Marianne Mueller]
  * [author Roland Schemers]
  */

public abstract class Permission implements Guard, java.io.Serializable {

    private static final long serialVersionUID = -5636570222231596674L;

    private String name;

    /**
     * Constructs a permission with the specified name.
     *
     * [param name name of the Permission object being created.]
     *
     */

    public Permission(String name) {
        this.name = name;
    }

    /**
     * Implements the guard interface for a permission. The
     * [code SecurityManager.checkPermission] method is called,
     * passing this permission object as the permission to check.
     * Returns silently if access is granted. Otherwise, throws
     * a SecurityException.
     */
public void checkGuard(Object object) throws SecurityException {
    SecurityManager sm = System.getSecurityManager();
    if (sm != null) sm.checkPermission(this);
}

public abstract boolean implies(Permission permission);

public abstract boolean equals(Object obj);
/**
 * Returns the hash code value for this Permission object.
 * <p>
 * The required [@code hashCode] behavior for Permission Objects is
 * the following:
 * <ul>
 * <li>Whenever it is invoked on the same Permission object more than
 *     once during an execution of a Java application, the
 *     [@code hashCode] method
 *     must consistently return the same integer. This integer need not
 *     remain consistent from one execution of an application to another
 *     execution of the same application.
 * <li>If two Permission objects are equal according to the
 *     [@code equals] method, then calling the [@code hashCode] method on each of the
 *     two Permission objects must produce the same integer result.
 * </ul>
 * @return a hash code value for this object.
 */

public abstract int hashCode();

/**
 * Returns the name of this Permission.
 * For example, in the case of a [@code java.io.FilePermission],
 * the name will be a pathname.
 *
 * @return the name of this Permission.
 *
 */

public final String getName() {
    return name;
}

/**
 * Returns the actions as a String. This is abstract
 * so subclasses can defer creating a String representation until
 * one is needed. Subclasses should always return actions in what they
 * consider to be their
 * canonical form. For example, two FilePermission objects created via
 * the following:
 * 
 * <pre>
 * perm1 = new FilePermission(p1,"read,write");
 * perm2 = new FilePermission(p2,"write,read");
 * </pre>
 */
public abstract String getActions();

/**
 * Returns an empty PermissionCollection for a given Permission object, or null if
 * one is not defined. Subclasses of class Permission should
 * override this if they need to store their permissions in a particular
 * PermissionCollection object in order to provide the correct semantics
 * when the {@code PermissionCollection.implies} method is called.
 * If null is returned,
 * then the caller of this method is free to store permissions of this
 * type in any PermissionCollection they choose (one that uses a Hashtable,
 * one that uses a Vector, etc).
 * @return a new PermissionCollection object for this type of Permission, or
 * null if one is not defined.
 */

public PermissionCollection newPermissionCollection() {
    return null;
}

/**
 * Returns a string describing this Permission. The convention is to
 * specify the class name, the permission name, and the actions in
 * the following format: '("ClassName" "name" "actions")', or
 * '("ClassName" "name")' if actions list is null or empty.
 * @return information about this Permission.
 */

public String toString() {
    String actions = getActions();
    if ((actions == null) || (actions.length() == 0)) { // OPTIONAL
        return "(" + getClass().getName() + " " + name + ")";
    } else {
        return "(" + getClass().getName() + " " + name + " " + actions + ")";
    }
}
package java.security.acl;

/**
 * This interface represents a permission, such as that used to grant
 * a particular type of access to a resource.
 *
 * @author Satish Dharmaraj
 */

class Permission {

    /**
     * Returns true if the object passed matches the permission represented
     * in this interface.
     *
     * @param another the Permission object to compare with.
     *
     * @return true if the Permission objects are equal, false otherwise
     */
    public boolean equals(Object another);

    /**
     * Prints a string representation of this permission.
     */
}
public String toString();

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1.75 sudo 1.8.21p2 3ubuntu1.4

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The following list of people, sorted by last name, have contributed code or patches to this implementation of sudo since I began maintaining it in 1993. This list is known to be incomplete--if you believe you should be listed, please send a note to sudo@sudo.ws.

Ackeret, Matt
Adler, Mark
Allbery, Russ
Anderson, Jamie
Andrew, Nick
Andric, Dimitry
Barron, Danny
Bates, Tom
Behan, Zdenk
Bellis, Ray
Benali, Elias
Beverly, Jamie
Boardman, Spider
Bostley, P.J.
Bowes, Keith
Boyce, Keith Garry
Brantley, Michael
Braun, Rob
Bezina, Pavel
Brooks, Piete
Kienenerber, Mike
King, Dale
King, Michael
Klyachkin, Andrey
Knoble, Jim
Knox, Tim
Komarnitsky, Alek O.
Kondrashov, Nikolai
Kopeek, Daniel
Kranenburg, Paul
Krause, David
Lakin, Eric
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Levin, Dmitry V.
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Lobbes, Phillip E.
McIntyre, Jason
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Makey, Jeff
Marchionna, Michael D.
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Martinian, Emin
Meskes, Michael
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Miller, Todd C.
Minier, Loc
Moffat, Darren
Moldung, Jan Thomas
Morris, Charles
Mueller, Andreas
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Nieusma, Jeff
Nikitser, Peter A.
Nussel, Ludwig
Ouellet, Jean-Philippe
Paquet, Eric
Paradis, Chantal
Percival, Ted
Perera, Andres
Peron, Christian S.J.
Peschel, Aaron
Peslyak, Alexander
Peterson, Toby
Petten, Diego Elio
Pickett, Joel
Plotnick, Alex
de Raadt, Theo
The following people have worked to translate sudo into other languages:

Blittermann, Mario
Bogusz, Jakub
Casagrande, Milo
Castro, Felipe
Cho, Seong-ho
Chernoivan, Yuri
Diguez, Francisco
Ferreira, Rafael
Garca-Fontes, Walter
Gezer, Volkan
Hamasaki, Takeshi
Hamming, Peter
Hansen, Joe
Hantrais, Frédéric
Hein, Jochen
Hufthammer, Karl Ove
Jerovek, Damir
Karvonen, Jorma
Kazik, Duan
Kelemen, Gbor
Koir, Klemen
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Krnar, Tomislav
Marchal, Frédéric
Margevius, Algimantas
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1.84 crs-json-tool 0.7.0

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| *Change of ellipsoid defining parameters.* |||
| 1a | Ellipsoid parameters a and b. | a and 1/f ; a and f; a and e; a and e2. |
| 1b | Ellipsoid parameters a and 1/f. | a and b; a and f; a and e; a and e2. |
| *Change of projection method* |||
| 2a | Lambert Conic Conformal (1 SP) method with projection parameters O and kO. | Lambert Conic Conformal (2 SP) method with projection parameters 1 and 2. |
| 2b | Lambert Conic Conformal (2 SP) method with projection parameters1 and 2. | Lambert Conic Conformal (1 SP) method with projection parameters O and kO. |
| 3a | Mercator (variant A) method with projection parameters O and kO. | Mercator (variant B) method with projection parameter 1. |
| 3b | Mercator (variant B) method with projection parameter 1. | Mercator (variant A) method with projection parameters O and kO. |
| 4a | Hotine Oblique Mercator (variant A) method with projection parameters FE and FN. | Hotine Oblique Mercator (variant B) method with projection parameters EC and NC. |
| 4b  | Hotine Oblique Mercator (variant B) method with projection parameters EC and NC. | Hotine Oblique Mercator (variant A) method with projection parameters FE and FN. |
| 5a  | Polar Stereographic (Variant A) method with projection parameters O and kO. | Polar Stereographic (Variant B) method with projection parameter F. |
| 5b  | Polar Stereographic (Variant B) method with projection parameter F. | Polar Stereographic (Variant A) method with projection parameters O and kO. |
| 5c  | Polar Stereographic (Variant A) method with projection parameters O, kO, FE and FN. | Polar Stereographic (Variant C) method with projection parameters F, EF and NF. |
| 5d  | Polar Stereographic (Variant C) method with projection parameters F, EF and NF. | Polar Stereographic (Variant A) method with projection parameters O, kO, FE and FN. |
| 5e  | Polar Stereographic (Variant B) method with projection parameter FE and FN. | Polar Stereographic (Variant C) method with projection parameters EF and NF. |
| 5f  | Polar Stereographic (Variant C) method with projection parameters EF and NF. | Polar Stereographic (Variant B) method with projection parameter FE and FN. |

| Change of transformation method |

| 7   | Concatenated transformation using geocentric methods (Geocentric translations, Position Vector 7-parameter transformation, Coordinate Frame rotation). | Equivalent single geocentric transformation in which for each parameter the parameter values of the component steps have been summed. |

| Change of units* |||

| 8   | NTv2 method grid file filename. | NTv2 method grid file relative storage path with file name including removal (if necessary) of special characters [spaces, parentheses, etc] which are replaced by underscore characters. |
| 9   | Parameter value. | Convert unit to another, for example from microradian to arc-second, using conversion factors obtained from the EPSG dataset Unit table. |

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DRuntime: Runtime Library for the D Programming Language

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*/
/**
 * Constructs a new [@link ClassNode]. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the [@link #ClassNode(int)]
 * version.
 *
 * @throws IllegalStateException
 *             If a subclass calls this constructor.
 */

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 */
/**
 * Constructs a new [Textifier]. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the [@Textifier(int)]
 * version.
 *
 * @throws IllegalStateException
 * If a subclass calls this constructor.
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/**
 * Constructs a new \{@link LocalVariableAnnotationNode\}. \(<i>\)Subclasses must
 * not use this constructor</i>. Instead, they must use the
 * \{@link #LocalVariableAnnotationNode\}(int, TypePath, LabelNode[], LabelNode[], int[], String)\}
 * version.
 *
 * @param typeRef
 * a reference to the annotated type. See \{@link TypeReference\}.
 * @param typePath
 * the path to the annotated type argument, wildcard bound, array
 * element type, or static inner type within 'typeRef'. May be
 * \(<tt>null</tt>\) if the annotation targets 'typeRef' as a whole.
 * @param start
 * the first instructions corresponding to the continuous ranges
 * that make the scope of this local variable (inclusive).
 * @param end
 * the last instructions corresponding to the continuous ranges
 * that make the scope of this local variable (exclusive). This
 * array must have the same size as the 'start' array.
 * @param index
 * the local variable's index in each range. This array must have
 * the same size as the 'start' array.
 * @param desc
 * the class descriptor of the annotation class.
 */

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  jar/org/objectweb/asm/tree/LocalVariableAnnotationNode.java
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* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
  jar/org/objectweb/asm/xml/SAXClassAdapter.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
  jar/org/objectweb/asm/xml/Processor.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1-
  jar/org/objectweb/asm/xml/SAXCodeAdapter.java
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  jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java
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  jar/org/objectweb/asm/xml/SAXFieldAdapter.java
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  jar/org/objectweb/asm/xml/ASMContentHandler.java

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/
/**
 * Creates a new JSRInliner. <i>Subclasses must not use this constructor</i>. Instead, they must use the
 * version.
 * @param mv
 * the <code>MethodVisitor</code> to send the resulting inlined method code to (use <code>null</code> for none).
 * @param access
 * the method's access flags (see <a href="#Opcodes">Opcodes</a>). This parameter also indicates if
 * the method is synthetic and/or deprecated.
 * @param name
 * the method's name.
 * @param desc
 * the method's descriptor (see <a href="#Type">Type</a>).
 * @param signature
 * the method's signature. May be <tt>null</tt>.
 * @param exceptions
 * the internal names of the method's exception classes (see <a href="#Type#getInternalName">getInternalName</a>). May be <tt>null</tt>.
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

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 */

/**
 * Creates a new {@link GeneratorAdapter}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * { [@link #GeneratorAdapter(int, MethodVisitor, int, String, String)]}
 * version.
 *
 * @param mv
 * the method visitor to which this adapter delegates calls.
 * @param access
 * the method's access flags (see { [@link Opcodes]}).
 * @param name
 * the method's name.
 * @param desc
 * the method's descriptor (see { [@link Type Type]}).
 * @throws IllegalStateException
 */
* If a subclass calls this constructor.
*/

Found in path(s):
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5.0.3-sources-1.jar/org/objectweb/asm/commons/GeneratorAdapter.java

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* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5.0.3-sources-1.jar/org/objectweb/asm/tree/InsnList.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5.0.3-sources-1.jar/org/objectweb/asm/tree/FrameNode.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5.0.3-sources-1.jar/org/objectweb/asm/util/TraceSignatureVisitor.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5.0.3-sources-1.jar/org/objectweb/asm/commons/RemappingAnnotationAdapter.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5.0.3-sources-1.jar/org/objectweb/asm/commons/GeneratorAdapter.java
/opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/util/CheckMethodAdapter.java
/opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/commons/Remapper.java
/opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/tree/InvokeDynamicInsnNode.java
/opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/tree/MultiANewArrayInsnNode.java
/opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/tree/LookupSwitchInsnNode.java
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/opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/Type.java
/opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/ByteVector.java
/opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/commons/RemappingMethodAdapter.java
/opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/commons/RemappingFieldAdapter.java
/opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/commons/AdviceAdapter.java
/opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/tree/VarInsnNode.java
/opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/tree/LdcInsnNode.java
/opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/tree/analysis/SmallSet.java
/opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/tree/analysis/BasicVerifier.java
/opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/tree/LineNumberNode.java
/opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/commons/SerialVersionUIDAdder.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/commons/LocalVariablesSorter.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/optimizer/ConstantPool.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/tree/AbstractInsnNode.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/tree/TableSwitchInsnNode.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/tree/MethodNode.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/tree/TryCatchBlockNode.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/optimizer/NameMapping.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/tree/TypeInsnNode.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/tree/IntInsnNode.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/commons/TableSwitchGenerator.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/commons/RemappingClassAdapter.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/FieldWriter.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/signature/SignatureWriter.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/FieldConstantsCollector.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/Opcodes.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/Handle.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/tree/TableVariableNode.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/tree/LocalVariableNode.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/optimizer/ClassConstantsCollector.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/commons/RemappingClassAdapter.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/FieldConstantsCollector.java
* /opt/cola/permits/1135840377_1613612970.36/0/asm-analysis-5-0-3-sources-1.jar/org/objectweb/asm/FieldWriter.java

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*/
/**
 * Creates a new {@link AnalyzerAdapter}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}
 * version.
 *
 * @param owner
 * the owner's class name.
 * @param access
 * the method's access flags (see {@link Opcodes}).
 * @param name
 * the method's name.
 * @param desc
 * the method's descriptor (see {@link Type Type}).
 * @param mv
 * the method visitor to which this adapter delegates calls. May
 * be <tt>null</tt>.
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */
1.95 python-meld3 1.0.2-2

1.95.1 Available under license:

Contributors

-----------

- Chris McDonough, 2005-12-18

- Tres Seaver, 2006-02-09

- Jorge Puente Sarrn, 2012-11-27

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1.96 x-crypto 0.0.0-20200414173820-0848c9571904
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* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.6/Lib/lib2to3/fixes/fix_dict.py
* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.8/Lib/lib2to3/fixes/fix_buffer.py
* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.6/Lib/lib2to3/fixes/fix_types.py
* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.6/Lib/lib2to3/fixes/fix_standarderror.py
* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.6/Lib/lib2to3/fixes/fix_types.py
* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.6/Lib/lib2to3/fixes/fix_standarderror.py
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# A grammar to describe tree matching patterns.
# Not shown here:
# - 'TOKEN' stands for any token (leaf node)
# - 'any' stands for any node (leaf or interior)
# With 'any' we can still specify the sub-structure.

# The start symbol is 'Matcher'.

Matcher: Alternatives ENDMARKER

Alternatives: Alternative (↑ Alternative)*
Alternative: (Unit | NegatedUnit)+

Unit: [NAME '='] ( STRING [Repeater]
  | NAME [Details] [Repeater]
  | '(' Alternatives ')' [Repeater]
  | '[' Alternatives ']
 )

NegatedUnit: 'not' (STRING | NAME [Details] | '(' Alternatives '))

Repeater: '*' | '+' | '{' NUMBER [',' NUMBER] '}'

Details: '<' Alternatives '>

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* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3.6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.6/Lib/lib2to3/PatternGrammar.txt
* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3.6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.8/Lib/lib2to3/PatternGrammar.txt
* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3.6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.7/Lib/lib2to3/PatternGrammar.txt

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* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3.6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.8/Lib/lib2to3/pgen2/literals.py
* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3.6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.7/Lib/lib2to3/pgen2/parse.py
* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3.6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.8/Lib/lib2to3/pgen2/__init__.py
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* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.8/Lib/lib2to3/pgen2/grammar.py
* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.6/Lib/distutils/_init__.py
* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.8/Lib/distutils/dist.py
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* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.7/Modules/_tkinter.c
* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.6/Modules/_tkinter.c
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* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.6/Lib/distutils/cygwinccompiler.py
* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.8/Lib/distutils/command/bdist_msi.py
* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.6/Lib/distutils/command/bdist_msi.py
* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.7/Lib/distutils/command/bdist_msi.py
* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.6/Lib/distutils/command/bdist_wininst.py
* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.6/Lib/distutils/command/bdist_msi.py
* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.7/Lib/distutils/command/bdist_wininst.py
* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.6/Lib/distutils/command/bdist_msi.py

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 executable.

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.7/Lib/lib2to3/pgen2/driver.py
* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.8/Lib/lib2to3/pgen2/driver.py
* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.7/Lib/lib2to3/pgen2/driver.py
* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-6-9-orig-tar-bz2/python3-stdlib-extensions-3.7.5/3.6/Lib/lib2to3/pgen2/driver.py

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('binary-only', None,
 "cannot supply both '--source-only' and '--binary-only'"
)
'License: ' + self.distribution.get_license(),

Found in path(s):
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* /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-6-9-orig-tar-
  * /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-7.5/3.6/Lib/lib2to3/pgen2/tokenize.py
  * /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-7.5/3.7/Lib/lib2to3/pgen2/tokenize.py
  * /opt/ws_local/PERMITS_SQL/1016069485_1591897890.69/0/python3-stdlib-extensions-3-6-9-orig-tar-

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Upstream source:
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Author: Per Bothner

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Eclipse

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

------
Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

------

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

------

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

------

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

------

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp

Open Source Used In Intelligent Node Manager 3.X 3.3.0 1718
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

-----
Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

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Found in path(s):

* /opt/cola/permits/1257333041_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/JsonPatch/NodeType.java
* /opt/cola/permits/1257333041_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/JsonPatch/JsonDiff.java
* /opt/cola/permits/1257333041_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/JsonPatch/NoopProcessor.java
* /opt/cola/permits/1257333041_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/JsonPatch/ApplyProcessor.java
* /opt/cola/permits/1257333041_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/JsonPatch/Constants.java
* /opt/cola/permits/1257333041_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/JsonPatch/CompatibilityFlags.java
* /opt/cola/permits/1257333041_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/JsonPatch/JsonPatchApplicationException.java
* /opt/cola/permits/1257333041_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/JsonPatch/JsonPatchProcessor.java
* /opt/cola/permits/1257333041_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/JsonPatch/InvalidJsonPatchException.java
* /opt/cola/permits/1257333041_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/JsonPatch/Operation.java
* /opt/cola/permits/1257333041_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/JsonPatch/JsonPatch.java
* /opt/cola/permits/1257333041_1642801938.9/0/zjsonpatch-0-3-0-sources-jar/com/flipkart/JsonPatch/Diff.java

1.103 go-containerregistry 0.0.0-20200131185320-aec8da010de2

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Protocol Buffers for Go with Gadgets

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

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https://github.com/golang/protobuf

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1.106 apt 1.6.11

1.107 springfox-swagger-ui 2.6.1

1.108 libcap 2.25-1.2

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1.111 fastutil 6.5.7

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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"
}

1.113 metrics-health-checks 4.1.16

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1.114 ubuntu-keyring 2018.09.18.1~18.04.2

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------------------------------------------------------------------------------

tools/shhopt.c, tools/shhopt.h:

Title: shhopt - library for parsing command line options.
Version: 1.1.2
Entered-date: 23MAR97
Description: C-functions for parsing command line options, both traditional one-character options, and GNU'ish
--long-options.
Keywords: programming, library, lib, commandline, options
Author: s.h.huseby@usit.uio.no (Sverre H. Huseby)
Primary-site: http://www.ifi.uio.no/~sverrehu/pub-unix/
Alternate-site: sunsite.unc.edu /pub/Linux/libs
shhopt-1.1.2.tar.gz
Platform: Requires ANSI C-compiler.
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1.125 golang-protobuf-extensions 1.0.1

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set yrange [0:]
set terminal pngcairo font 'Sans, 8' lw 1 size 1400,1024
set xtics rotate by -45
set style histogram errorbars gap 2 lw 1
set style fill solid border -1

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1.134 merge 0.3.8

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

fields:
  site: string
  author: root

1.135 spring-plugin-core 1.2.0.RELEASE

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jar/org/springframework/plugin/core/PluginRegistrySupport.java
* /opt/cola/permits/1177939664_1625570679.69/0/spring-plugin-core-1-2-0-release-sources-6-
jar/org/springframework/plugin/core/config/EnablePluginRegistries.java
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Found in path(s):
* /opt/cola/permits/1177939664_1625570679.69/0/spring-plugin-core-1-2-0-release-sources-6-
jar/org/springframework/plugin/core/OrderAwarePluginRegistry.java
* /opt/cola/permits/1177939664_1625570679.69/0/spring-plugin-core-1-2-0-release-sources-6-
jar/org/springframework/plugin/core/config/PluginListDefinitionParser.java
* /opt/cola/permits/1177939664_1625570679.69/0/spring-plugin-core-1-2-0-release-sources-6-
jar/org/springframework/plugin/core/config/PluginNamespaceHandler.java
* /opt/cola/permits/1177939664_1625570679.69/0/spring-plugin-core-1-2-0-release-sources-6-
jar/org/springframework/plugin/core/config/PluginRegistry.java
* /opt/cola/permits/1177939664_1625570679.69/0/spring-plugin-core-1-2-0-release-sources-6-
jar/org/springframework/plugin/core/support/AbstractTypeAwareSupport.java
* /opt/cola/permits/1177939664_1625570679.69/0/spring-plugin-core-1-2-0-release-sources-6-
jar/org/springframework/plugin/core/support/PluginRegistryFactoryBean.java
* /opt/cola/permits/1177939664_1625570679.69/0/spring-plugin-core-1-2-0-release-sources-6-
jar/org/springframework/plugin/core/PluginRegistry.java
* /opt/cola/permits/1177939664_1625570679.69/0/spring-plugin-core-1-2-0-release-sources-6-
jar/org/springframework/plugin/core/config/PluginRegistryDefinitionParser.java
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* /opt/cola/permits/1177939664_1625570679.69/0/spring-plugin-core-1-2-0-release-sources-6-
jar/org/springframework/plugin/core/support/BeanListFactoryBean.java

1.136 engine.io-client 1.0.0

1.137 liggitt-tabwriter 0.0.0-20181228230101-89fcab3d43de
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1.138 kubernetes-api 0.17.2

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1.147 unzip 6.0-r6

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The original unzip source code has been extensively modified and almost entirely rewritten (changes include random zipfile access rather than sequential; replacement of unimplode() with explode(); replacement of old unshrink() with new (unrelated) unshrink(); replacement of output routines; addition of inflate(), wildcards, filename-mapping, text translation, ...; etc.). As far as we can tell, only the core code of the unreduce method remained substantially similar to Mr. Smith's original source. As of UnZip 5.42, the complete core code is now covered by the Info-ZIP Licence. Therefore, support for the reduce method has been removed. The drop of the reduce method should only affect some test archives, reducing was never used in any publically distributed Zip program. For pathologic cases where support for reduced archive entries is needed, the unreduce code copyrighted by Samuel H. Smith is available as a separate distribution (the restricted copyright of this code is cited below in the "historical" section).

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* 
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*
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* 
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-----

The remaining code was written by many people associated with the Info-ZIP group, with large contributions from (but not limited to): Greg Roelofs (overall program logic, ZipInfo, unshrink, filename mapping/portability, etc.), Mark Adler (inflate, explode, funzip), Kai Uwe Rommel (OS/2), John Bush and Paul Kienitz (Amiga), Antoine Verheijen (Macintosh), Hunter Goatley (more VMS), Mike White (Windows DLLs), Christian Spieler (overall logic, optimization, VMS, etc.) and others. See the file CONTRIBS in the source distribution for a much more complete list of contributors.

The decompression core code for the deflate method (inflate.[ch], explode.c) was originally written by Mark Adler who submitted it as public domain code.

-------------------------------------------------------------------------------

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1.149 libffi 3.2.1 8
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1.150 x-crypto 0.0.0-20200128174031-69ecbb4d6d5d
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1.151 go-runewidth 0.0.4

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1.152 jakarta-validation-api 2.0.2

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* /opt/cola/permits/1135880235_1613624044.2/0/jakarta-validation-api-2-0-2-sources-3-jar/META-INF/maven/jakarta.validation/jakarta.validation-api/pom.xml

1.153 stateless4j 2.5.0
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* /opt/cola/permits/1150916823_1617719494.06/0/stateless4j-2-5-0-sources-6-jar/com/github/oxo42/stateless4j/stateless4j/OutVar.java
* /opt/cola/permits/1150916823_1617719494.06/0/stateless4j-2-5-0-sources-6-jar/com/github/oxo42/stateless4j/delegates/FuncBoolean.java

1.154 tre 1.1.19 r11
1.154.1 Available under license:

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1.155 mbed-tls 2.16.8

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AES in libhcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

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 */
package java.security;

import java.io.Serializable;

/**
 * Legacy security code; do not use.
 */
public abstract class Permission implements Guard, Serializable {
    public Permission(String name) { }
    public final String getName() { return null; }
    public void checkGuard(Object obj) throws SecurityException { }
    public PermissionCollection newPermissionCollection() {
        return new AllPermissionCollection();
    }
    public abstract String getActions();
    public abstract boolean implies(Permission permission);
}

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* 
* Low-level Unicode bidi/shaping properties access.
* Java port of ubidi.props.h/.c.

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<code>Replaceable</code> is an interface representing a string of characters that supports the replacement of a range of itself with a new string of characters. It is used by APIs that change a piece of text while retaining metadata. Metadata is data other than the Unicode characters returned by char32At(). One example of metadata is style attributes; another is an edit history, marking each character with an author and revision number.

An implicit aspect of the <code>Replaceable</code> API is that during a replace operation, new characters take on the metadata of the old characters. For example, if the string "the <b>bold</b> font" has range (4, 8) replaced with "strong", then it becomes "the <b>strong</b> font".

<code>Replaceable</code> specifies ranges using a start offset and a limit offset. The range of characters thus specified includes the characters at offset start..limit-1. That is, the start offset is inclusive, and the limit offset is exclusive.

<code>Replaceable</code> also includes API to access characters in the string: <code>length()</code>, <code>charAt()</code>, <code>char32At()</code>, and <code>extractBetween()</code>.

For a subclass to support metadata, typical behavior of <code>replace()</code> is the following:

<ol>
  <li>Set the metadata of the new text to the metadata of the first character replaced</li>
  <li>If no characters are replaced, use the metadata of the previous character</li>
</ol>
<li>If there is no previous character (i.e. start == 0), use the following character</li>
<li>If there is no following character (i.e. the replaceable was empty), use default metadata</li>
<li>If the code point U+FFFF is seen, it should be interpreted as a special marker having no metadata</li>
<li></li>
</ul>

If this is not the behavior, the subclass should document any differences.

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@author Alan Liu
@stable ICU 2.0

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<code>ReplaceableString</code> is an adapter class that implements the <code>Replaceable</code> API around an ordinary <code>StringBuffer</code>.

<p><em>Note:</em> This class does not support attributes and is not intended for general use. Most clients will need to implement {@link Replaceable} in their text representation class.</p>

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@see Replaceable
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@stable ICU 2.0

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JUnit

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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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dh_python2, pycompile, pyclean and debpython module:
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### 1.178 cachecontrol 0.11.7

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### 1.179 go-autorest-date 0.3.0

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1.180 kubernetes-kubectl 0.17.2

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

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* golang.org/x/mod/module - https://github.com/golang/mod

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* golang.org/x/tools/go/analysis - https://github.com/golang/tools

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tomb - support for clean goroutine termination in Go.

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package simulator

import (
    "github.com/vmware/govmomi/object"
    "github.com/vmware/govmomi/vim25/methods"
    "github.com/vmware/govmomi/vim25/mo"
    "github.com/vmware/govmomi/vim25/soap"
    "github.com/vmware/govmomi/vim25/types"
)

// EvalLicense is the default license
var EvalLicense = types.LicenseManagerLicenseInfo{
    LicenseKey: "00000-00000-00000-00000-00000",
    EditionKey: "eval",
    Name: "Evaluation Mode",
    Properties: []types.KeyAnyValue{
        {Key: "feature",
         Value: types.KeyValue{
             Key:   "serialuri:2",
             Value: "Remote virtual Serial Port Concentrator",}}}}
type LicenseManager struct {
    mo.LicenseManager
}

func NewLicenseManager(ref types.ManagedObjectReference) object.Reference {
    m := &LicenseManager{
        Self: ref
    }
    m.Licenses = []types.LicenseManagerLicenseInfo{EvalLicense}

    if Map.IsVPX() {
        am := Map.Put(&LicenseAssignmentManager{}).Reference()
        m.LicenseAssignmentManager = &am
    }

    return m
}

func (m *LicenseManager) AddLicense(req *types.AddLicense) soap.HasFault {
    body := &methods.AddLicenseBody{
        Res: &types.AddLicenseResponse{},
    }

    for _, license := range m.Licenses {
        if license.LicenseKey == req.LicenseKey {
            body.Res.Returnval = licenseInfo(license.LicenseKey, license.Labels)
            return body
        }
    }

    m.Licenses = append(m.Licenses, types.LicenseManagerLicenseInfo{
        LicenseKey: req.LicenseKey,
        Labels:    req.Labels,
    })

    body.Res.Returnval = licenseInfo(req.LicenseKey, req.Labels)
func (m *LicenseManager) RemoveLicense(req *types.RemoveLicense) soap.HasFault {
    body := &methods.RemoveLicenseBody{
        Res: &types.RemoveLicenseResponse{ },
    }
    for i, license := range m.Licenses {
        if req.LicenseKey == license.LicenseKey {
            m.Licenses = append(m.Licenses[:i], m.Licenses[i+1:...])
            return body
        }
    }
    return body
}

func (m *LicenseManager) UpdateLicenseLabel(req *types.UpdateLicenseLabel) soap.HasFault {
    body := &methods.UpdateLicenseLabelBody{ }
    for i := range m.Licenses {
        license := &m.Licenses[i]
        if req.LicenseKey != license.LicenseKey {
            continue
        }
        body.Res = new(types.UpdateLicenseLabelResponse)
        for j := range license.Labels {
            label := &license.Labels[j]
            if label.Key == req.LabelKey {
                if req.LabelValue == "" {
                    license.Labels = append(license.Labels[:i], license.Labels[i+1:...])
                } else {
                    label.Value = req.LabelValue
                }
                return body
            }
        }
        license.Labels = append(license.Labels, types.KeyValue{
            Key: req.LabelKey,
            Value: req.LabelValue,
        })
        return body
    }
}

body.Fault_ = Fault("", &types.InvalidArgument{InvalidProperty: "licenseKey"})
return body
}

type LicenseAssignmentManager struct {
mo.LicenseAssignmentManager
}

func (m *LicenseAssignmentManager) QueryAssignedLicenses(req *types.QueryAssignedLicenses) soap.HasFault {
body := &methods.QueryAssignedLicensesBody{
Res: &types.QueryAssignedLicensesResponse{},
}

// EntityId can be a HostSystem or the vCenter InstanceUuid
if req.EntityId == "" {
if req.EntityId != Map.content().About.InstanceUuid {
id := types.ManagedObjectReference{
Type: "HostSystem",
Value: req.EntityId,
}
if Map.Get(id) == nil {
return body
}
}

body.Res.Returnval = []types.LicenseAssignmentManagerLicenseAssignment{
{EntityId: req.EntityId,
AssignedLicense: EvalLicense,
},
}

return body
}

func licenseInfo(key string, labels []types.KeyValue) types.LicenseManagerLicenseInfo {
info := EvalLicense

info.LicenseKey = key
info.Labels = labels

return info
}
Common libraries shared by Prometheus Go components.

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Russ Cox <rsc@google.com>
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Feb, 2010

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{ % panel style="success", title="Providing Feedback" % }
{ % endpanel % }
- Copy files to and from Containers in a cluster
{ % endpanel % }

# Copying Container Files

## Motivation

- Copying files from Containers in a cluster to a local filesystem
- Copying files from a local filesystem to Containers in a cluster

{ % panel style="warning", title="Install Tar" %}
Copy requires that *tar* be installed in the container image.
{ % endpanel % }

{ % method %}

## Local to Remote

Copy a local file to a remote Pod in a cluster.

- Local file format is `<path>`
- Remote file format is `<pod-name>:<path>`

{ % sample lang="yaml" %}

```bash
kubectl cp /tmp/foo_dir <some-pod>:/tmp/bar_dir
```

{ % endmethod %}

{ % method %}

## Remote to Local

Copy a remote file from a Pod to a local file.

- Local file format is `<path>`
- Remote file format is `<pod-name>:<path>`

{ % sample lang="yaml" %}

```bash
kubectl cp <some-pod>:/tmp/foo /tmp/bar
```

{ % endmethod %}

{ % method %}

## Specify the Container
Specify the Container within a Pod running multiple containers.

- `-c <container-name>`

```bash
kubectl cp /tmp/foo <some-pod>:/tmp/bar -c <specific-container>
```

## Namespaces

Set the Pod namespace by prefixing the Pod name with `</namespace>`.

- `<pod-namespace>/<pod-name>:<path>`

```bash
kubectl cp /tmp/foo <some-namespace>/<some-pod>:/tmp/bar
```

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Protocol Buffers for Go with Gadgets

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

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package migration

import "fmt"

// Notice is a migration warning
type Notice struct {
    Plugin     string
    Option     string
    Severity   string // 'deprecated', 'removed', or 'unsupported'
    ReplacedBy string
    Additional string
    Version    string
}

func (n *Notice) ToString() string {
    s := ""
    if n.Option == "" {
        s += fmt.Sprintf(`Plugin "%v"`, n.Plugin)
    } else {
        s += fmt.Sprintf(`Option "%v" in plugin "%v"`, n.Option, n.Plugin)
    }
    if n.Severity == unsupported {
        s += "is unsupported by this migration tool in " + n.Version + "."
    } else if n.Severity == newdefault {
        s += "is added as a default in " + n.Version + "."
    } else {
        s += "is " + n.Severity + " in " + n.Version + "."
    }
    if n.ReplacedBy != "" {
        s += fmt.Sprintf(` It is replaced by "%v"`, n.ReplacedBy)
    }
    if n.Additional != "" {
        s += " " + n.Additional
    }
    return s
}

const {
    // The following statuses are used to indicate the state of support/deprecation in a given release.
    deprecated  = "deprecated"  // deprecated, but still completely functional
    ignored     = "ignored"     // if included in the corefile, it will be ignored by CoreDNS
    removed     = "removed"     // completely removed from CoreDNS, and would cause CoreDNS to exit if present in
                                // the Corefile
    newdefault  = "newdefault"  // added to the default corefile. CoreDNS may not function properly if it is not present
                                // in the corefile.
    unsupported = "unsupported" // the plugin/option is not supported by the migration tool
}

// The following statuses are used for selecting/filtering notifications
all = "all" // show all statuses
}

1.181 libapache2-mod-authnz-external 3.3.2-0.1

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* /opt/cola/permits/1137148391_1614022750.79/0/libapache2-mod-authnz-external-3-3-2-orig-1-tar-
gz/mod_authnz_external-3.3.2/mod_authnz_external.c

1.182 simpleclient 0.7.0

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1.185 jackson-dataformat-yaml 2.11.2

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* /opt/cola/permits/1258617678_1643096306.31/0/netty-transport-classes-kqueue-4-1-71-final-sources-jar/io/netty/channel/kqueue/AbstractKQueueDatagramChannel.java
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jar/io/netty/channel/kqueue/KQueueEventLoop.java
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1.187 jnr-posix 3.0.27

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1.192 go-units 0.4.0

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1.196 exporter-stackdriver 0.12.9

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jar/org/springframework/security/jackson2/UserMixin.java
* /opt/ws_local/PERMITS_SQL/1077201848_1596778751.19/0/spring-security-core-5-1-7-release-sources-
jar/org/springframework/security/jackson2/UnmodifiableSetMixin.java
* /opt/ws_local/PERMITS_SQL/1077201848_1596778751.19/0/spring-security-core-5-1-7-release-sources-
jar/org/springframework/security/jackson2/UnmodifiableSetDeserializer.java
* /opt/ws_local/PERMITS_SQL/1077201848_1596778751.19/0/spring-security-core-5-1-7-release-sources-
jar/org/springframework/security/jackson2/AnonymousAuthenticationTokenMixin.java
* /opt/ws_local/PERMITS_SQL/1077201848_1596778751.19/0/spring-security-core-5-1-7-release-sources-
jar/org/springframework/security/jackson2/SimpleGrantedAuthorityMixin.java
* /opt/ws_local/PERMITS_SQL/1077201848_1596778751.19/0/spring-security-core-5-1-7-release-sources-
jar/org/springframework/security/jackson2/RememberMeAuthenticationTokenMixin.java
* /opt/ws_local/PERMITS_SQL/1077201848_1596778751.19/0/spring-security-core-5-1-7-release-sources-
jar/org/springframework/security/core/parameters/AnnotationParameterNameDiscoverer.java
* /opt/ws_local/PERMITS_SQL/1077201848_1596778751.19/0/spring-security-core-5-1-7-release-sources-
jar/org/springframework/security/core/annotation/AuthenticationPrincipal.java

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="/
jar/org/springframework/security/core/token/DefaultToken.java
* /opt/ws_local/PERMITS_SQL/1077201848_1596778751.19/0/spring-security-core-5-1-7-release-sources
jar/org/springframework/security/access/method/DelegatingMethodSecurityMetadataSource.java
* /opt/ws_local/PERMITS_SQL/1077201848_1596778751.19/0/spring-security-core-5-1-7-release-sources
jar/org/springframework/security/access/annotation/Jsr250Voter.java
* /opt/ws_local/PERMITS_SQL/1077201848_1596778751.19/0/spring-security-core-5-1-7-release-sources
jar/org/springframework/security/access/expression/method/ExpressionBasedAnnotationAttributeFactory.java
* /opt/ws_local/PERMITS_SQL/1077201848_1596778751.19/0/spring-security-core-5-1-7-release-sources
jar/org/springframework/security/access/expression/method/ExpressionBasedPreInvocationAdvice.java
* /opt/ws_local/PERMITS_SQL/1077201848_1596778751.19/0/spring-security-core-5-1-7-release-sources
jar/org/springframework/security/authentication/AccountStatusException.java
* /opt/ws_local/PERMITS_SQL/1077201848_1596778751.19/0/spring-security-core-5-1-7-release-sources
jar/org/springframework/security/access/intercept/aspectj/MethodInvocationAdapter.java

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 */
/**
 * Reviews the <code>Object</code> returned from a secure object invocation, being able to
 * modify the <code>Object</code> or throw an [ @link AccessDeniedException ].
 * Typically used to ensure the principal is permitted to access the domain object
 * instance returned by a service layer bean. Can also be used to mutate the domain object
 * instance so the principal is only able to access authorised bean properties or
 * <code>Collection</code> elements.
 * Special consideration should be given to using an <code>AfterInvocationManager</code>
 * on bean methods that modify a database. Typically an
 * <code>AfterInvocationManager</code> is used with read-only methods, such as
 * <code>public DomainObject findById(id)</code>. If used with methods that modify a
 * database, a transaction manager should be used to ensure any
 * <code>AccessDeniedException</code> will cause a rollback of the changes made by the
 * transaction.
 */
* @author Ben Alex
*/

Found in path(s):
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*/
/**
* A token issued by {@link TokenService}.
* 
* <p>
* It is important that the keys assigned to tokens are sufficiently randomised and
* secured that they can serve as identifying a unique user session. Implementations of
* {@link TokenService} are free to use encryption or encoding strategies of their choice.
* It is strongly recommended that keys are of sufficient length to balance safety against
* persistence cost. In relation to persistence cost, it is strongly recommended that
* returned keys are small enough for encoding in a cookie.
* </p>
* 
* @author Ben Alex
* @since 2.0.1
*/

Found in path(s):
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*/
/**
* Determines if the {@link #getAuthentication()} has permission to access the target
* given the permission
* @param target the target domain object to check permission on
* @param permission the permission to check on the domain object (i.e. "read",
* "write", etc).
* @return true if permission is granted to the {@link #getAuthentication()}, else
* false
*/

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* /opt/ws_local/PERMITS_SQL/1077201848_1596778751.19/0/spring-security-core-5-1-7-release-sources-
jar/org/springframework/security/authentication/jaas/DefaultJaasAuthenticationProvider.java
* /opt/ws_local/PERMITS_SQL/1077201848_1596778751.19/0/spring-security-core-5-1-7-release-sources-
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* /opt/ws_local/PERMITS_SQL/1077201848_1596778751.19/0/spring-security-core-5-1-7-release-sources-jar/org/springframework/security/crypto/encrypt/BouncyCastleAesCbcBytesEncryptor.java
* /opt/ws_local/PERMITS_SQL/1077201848_1596778751.19/0/spring-security-core-5-1-7-release-sources-jar/org/springframework/security/crypto/Encryptors.java
* /opt/ws_local/PERMITS_SQL/1077201848_1596778751.19/0/spring-security-core-5-1-7-release-sources-jar/org/springframework/security/crypto/encrypt/BouncyCastleAesGcmBytesEncryptor.java
* /opt/ws_local/PERMITS_SQL/1077201848_1596778751.19/0/spring-security-core-5-1-7-release-sources-jar/org/springframework/security/crypto/encrypt/BytesEncryptor.java
* /opt/ws_local/PERMITS_SQL/1077201848_1596778751.19/0/spring-security-core-5-1-7-release-sources-jar/org/springframework/security/crypto/keygen/SecureRandomBytesKeyGenerator.java
* /opt/ws_local/PERMITS_SQL/1077201848_1596778751.19/0/spring-security-core-5-1-7-release-sources-jar/org/springframework/security/crypto/encrypt/CipherUtils.java
* /opt/ws_local/PERMITS_SQL/1077201848_1596778751.19/0/spring-security-core-5-1-7-release-sources-jar/org/springframework/security/crypto/keygen/SharedKeyGenerator.java
* /opt/ws_local/PERMITS_SQL/1077201848_1596778751.19/0/spring-security-core-5-1-7-release-sources-jar/org/springframework/security/crypto/keygen/BytesKeyGenerator.java
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1.215 modern-go-reflect2 1.0.1

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1.216 go-jmespath 0.0.0-20180206201540-c2b33e8439af
1.216.1 Available under license :
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1.217 python-ldap 3.0.0-1ubuntu0.1
1.217.1 Available under license :

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1.218 jersey-apache-connector 2.25.1

1.219 activation-api 1.2.1

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1.220 hibernate-validator 5.4.3.Final
1.220.1 Available under license :

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 */
/
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 * Expert Group and released to the public domain, as explained at
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 */

Found in path(s):
*/opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources-jar/org/hibernate/validator/internal/util/ConcurrentReferenceHashMap.java
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 *
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 */
/**
 * Retrieves constraint related meta data for the parameters of the given
 * executable.
 *
 * @param executable The executable of interest.
 *
 * @return A list with parameter meta data for the given executable.
 */

Found in path(s):
/opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources-
jar/org/hibernate/validator/internal/metadata/provider/AnnotationMetaDataProvider.java

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 */
/**
 * A method-level constraint, that evaluates a script expression against the
 * annotated method or constructor. This constraint can be used to implement
 * validation routines that depend on several parameters of the annotated
 * executable.
 * </p>
 * </p>
 * Script expressions can be written in any scripting or expression language,
 * for which a <a href="http://jcp.org/en/jsr/detail?id=223">JSR 223</a> can be
 * found on the classpath. To refer to a parameter within the scripting
 * expression, use its name as obtained by the active
 * [@link javax.validation.ParameterNameProvider]. By default, [@code arg0], [@code arg1] etc.
 * will be used as parameter names.
 * </p>
 * </p>
 * The following listing shows an example using the JavaScript engine which
 * comes with the JDK:
 * </p>
* <pre>
* {@code @ParameterScriptAssert(script = "arg0.before(arg1)", lang = "javascript")
* public void createEvent(Date start, Date end) { ... }
* }
* </pre>

* Can be specified on any method or constructor.
* </p>
*
* @author Gunnar Morling
*/

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* /

/ *
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/internal/metadata/provider/MetaDataProvider.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/internal/constraintvalidators/bv/money/MinValidatorForMonetaryAmount.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/internal/util/privilegedactions/GetDeclaredMethod.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/internal/metadata/facets/Validatable.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/constraints/pl/PESEL.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/constraints/CompositionType.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/internal/metadata/facets/Cascadable.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/internal/constraintvalidators/hv/URLValidator.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/internal/engine/DefaultParameterNameProvider.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/constraints/ModCheck.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/internal/engine/messageinterpolation/InterpolationTerm.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/cfg/defs/ScriptAssertDef.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/internal/engine/path/PathImpl.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/cfg/defs/NotBlankDef.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/InterpolationTermState.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/constraints/ScriptAssert.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/internal/constraintvalidators/bv/PatternValidator.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/internal/metadata/descriptor/ConstraintDescriptorImpl.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/path/package-info.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/internal/constraintvalidators/ScriptAssert.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/internal/constraintvalidators/bv/PatternValidator.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/internal/metadata/descriptor/ConstraintDescriptorImpl.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/path/package-info.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/internal/util/privilegedactions/GetDeclaredMethods.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/internal/constraintvalidators/hv/LuhnCheckValidator.java
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* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/internal/engine/messageinterpolation/el/MapBasedVariableMapper.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/EscapedState.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/MessageState.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/internal/engine/ValidatorFactoryImpl.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/internal/constraintvalidators/bv/CPFValidator.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/internal/constraintvalidators/bv/AssertFalseValidator.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/internal/constraintvalidators/bv/AssertTrueValidator.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/cfg/defs/LengthDef.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar/org/hibernate/validator/constraints/CreditCardNumber.java

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  org.hibernate.validator/internal/constraintvalidators/bv/MinValidatorForCharSequence.java

* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar
  org.hibernate.validator/internal/metadata/aggregated/rule/ParallelMethodsMustNotDefineParameterConstraints.java

* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar
  org.hibernate.validator/cfg/defs/pl/NIPDef.java

* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources.jar
  org.hibernate.validator/cfg/ConstraintMapping.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5.4.3-final-sources.jar/org/hibernate/validator/cfg/defs/DecimalMaxDef.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5.4.3-final-sources.jar/org/hibernate/validator/internal/util/scriptengine/ScriptEvaluator.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5.4.3-final-sources.jar/org/hibernate/validator/cfg/defs/URLDef.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5.4.3-final-sources.jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArraysOfFloat.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5.4.3-final-sources.jar/org/hibernate/validator/internal/engine/time/DefaultTimeProvider.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5.4.3-final-sources.jar/org/hibernate/validator/internal/metadata/BeanMetaDataManager.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5.4.3-final-sources.jar/org/hibernate/validator/internal/metadata/raw/AbstractConstrainedElement.java
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* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5.4.3-final-sources.jar/org/hibernate/validator/constraintvalidators/Mod11CheckValidator.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5.4.3-final-sources.jar/org/hibernate/validator/constraintvalidators/bv/MaxValidatorForNumber.java
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* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5.4.3-final-sources.jar/org/hibernate/validator/constraintvalidators/bv/NotNullValidator.java
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* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources-jar/org/hibernate/validator/cfg/context/MethodTarget.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources-jar/org/hibernate/validator/parameternameprovider/package-info.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources-jar/org/hibernate/validator/internal/constraintvalidators/bv/DecimalMinValidatorForMonetaryAmount.java
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* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources-jar/org/hibernate/validator/messageinterpolation/package.html
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources-jar/org/hibernate/validator/units/package.html
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources-jar/org/hibernate/validator/parameternameprovider/package-info.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources-jar/org/hibernate/validator/spi/resource/loading/package.html
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources-jar/org/hibernate/validator/spi/constraints/package.html
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources-jar/org/hibernate/validator/parameternameprovider/package-info.java
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* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources-jar/org/hibernate/validator/parameternameprovider/package-info.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources-jar/org/hibernate/validator/parameternameprovider/package-info.java
* /opt/ws_local/PERMITS_SQL/1068867929_1594465030.79/0/hibernate-validator-5-4-3-final-sources-jar/org/hibernate/validator/validator/package.html
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  jar/io/netty/channel/nio/AbstractNioChannel.java
* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-
  jar/io/netty/channel/socket/nio/NioSocketChannel.java
* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-
  jar/io/netty/channel/ChannelDuplexHandler.java
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  jar/io/netty/channel/ChannelDuplexHandler.java
* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-
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* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-
  jar/io/netty/channel/FixedRecvByteBufAllocator.java
* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-
  jar/io/netty/channel/socket/nio/NioSocketChannel.java
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* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-jar/io/netty/channel/pool/ChannelPoolMap.java
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* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-jar/io/netty/channel/pool/ChannelPool.java
* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-jar/io/netty/channel/pool/package-info.java
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jar/io/netty/channel/ChannelProgressiveFuture.java
* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-
jar/io/netty/channel/ChannelHandlerAdapter.java
* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-
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* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-
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jar/io/netty/channel/EventLoopTaskQueueFactory.java
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*/
/**
* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
* its { @link ChannelPipeline }. 
* 
* <h3>Sub-types</h3>
* 
* [ @link ChannelHandler ] itself does not provide many methods, but you usually have to implement one of its
* subtypes:
* 
* <ul>
*   <li> [ @link ChannelInboundHandler ] to handle inbound I/O events, and</li>
*   <li> [ @link ChannelOutboundHandler ] to handle outbound I/O operations.</li>
* </ul>
* 
* Alternatively, the following adapter classes are provided for your convenience:
* 
* <ul>
*   <li> [ @link ChannelInboundHandlerAdapter ] to handle inbound I/O events,</li>
*   <li> [ @link ChannelOutboundHandlerAdapter ] to handle outbound I/O operations, and</li>
* </ul>
* <li>{@link ChannelDuplexHandler} to handle both inbound and outbound events</li>
* </ul>
* 
* For more information, please refer to the documentation of each subtype.
* 
* <h3>The context object</h3>
* 
* A {@link ChannelHandler} is provided with a {@link ChannelHandlerContext} object. A {@link ChannelHandler} is supposed to interact with the
* [ChannelPipeline] it belongs to via a context object. Using the
* context object, the [ChannelHandler] can pass events upstream or
* downstream, modify the pipeline dynamically, or store the information
* (using [AttributeKey]s) which is specific to the handler.
* 
* <h3>State management</h3>
* 
* A [ChannelHandler] often needs to store some stateful information.
* The simplest and recommended approach is to use member variables:
* 
* public interface Message {
*     // your methods here
* } } 
* 
* public class DataServerHandler extends [SimpleChannelInboundHandler]&lt;Message&gt; { 
* 
*     private boolean loggedIn; 
* 
*     @Override
*     public void channelRead0([ChannelHandlerContext] ctx, Message message) {
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) message);
*             loggedIn = true;
*         } else (message instanceof GetDataMessage) {
*             if (loggedIn) {
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
*             } else {
*                 fail();
*             }
*         }
*     }
*     ...
* } } 
* 
* Because the handler instance has a state variable which is dedicated to
* one connection, you have to create a new handler instance for each new
* channel to avoid a race condition where an unauthenticated client can get
* the confidential information:
* <pre>
* // Create a new handler instance per channel.
* // See [ChannelInitializer#initChannel(Channel)].
* public class DataServerInitializer extends [ChannelInitializer]<Channel> {
*     @Override
*     public void initChannel(Channel channel) {
*         channel.pipeline().addLast("handler", new DataServerHandler());
*     }
* }
* </pre>
 *
* <h4>Using [AttributeKey]s</h4>
*
* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use [AttributeKey]s which is provided by
* [ChannelHandlerContext]:
* <pre>
* public interface Message {
*     // your methods here
* }
*
* @Sharable
* public class DataServerHandler extends [SimpleChannelInboundHandler]<Message> {
*     private final AttributeKey<Boolean> auth = AttributeKey.valueOf("auth");
*     
*     @Override
*     public void channelRead(ChannelHandlerContext ctx, Message message) {
*         Attribute<Boolean> attr = ctx.attr(auth);
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
*             attr.set(true);
*         } else (message instanceof GetDataMessage) {
*             if (Boolean.TRUE.equals(attr.get())) {
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
*             } else {
*                 fail();
*             }
*         }
*     }
*     ...
* }
* </pre>
* 
* Now that the state of the handler is attached to the [ChannelHandlerContext], you can add the
* same handler instance to different pipelines:
* public class DataServerInitializer extends \@link ChannelInitializer\}{\@link Channel}\&gt; { 
* 
*     private static final DataServerHandler \texttt{<b>SHARED</b>} = new DataServerHandler(); 
* 
*     \@code \@Override 
*     public void initChannel(\@link Channel\} channel) { 
*         channel.pipeline().addLast("handler", \texttt{<b>SHARED</b>}); 
*     } 
* } 
* </pre>

* <h4>The \texttt{\@Sharable} annotation</h4>

* In the example above which used an \@link AttributeKey\}, 
* you might have noticed the \texttt{\@Sharable} annotation. 
* <p>
* If a \@link ChannelHandler\} is annotated with the \texttt{\@Sharable} 
* annotation, it means you can create an instance of the handler just once and 
* add it to one or more \@link ChannelPipeline\}s multiple times without 
* a race condition. 
* <p>
* If this annotation is not specified, you have to create a new handler 
* instance every time you add it to a pipeline because it has unshared state 
* such as member variables. 
* <p>
* This annotation is provided for documentation purpose, just like 
* \texttt{<a href="http://www.javaconcurrencyinpractice.com/annotations/doc/">the JCIP annotations</a>}. 
* <p>
* <h3>Additional resources worth reading</h3>

* Please refer to the \@link ChannelHandler\}, and 
* \@link ChannelPipeline\} to find out more about inbound and outbound operations, 
* what fundamental differences they have, how they flow in a pipeline, and how to handle 
* the operation in your application. 
*/

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* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-jar/io/netty/channel/ChannelHandler.java
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  jar/io/netty/channel/nio/SelectedSelectionKeySetSelector.java
* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-
  jar/io/netty/channel/socket/ChannelOutputShutdownEvent.java
* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-
  jar/io/netty/channel/socket/oio/OioDatagramChannelConfig.java
* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-
  jar/io/netty/channel/DelegatingChannelPromiseNotifier.java
* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-
  jar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java
* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-
  jar/io/netty/channel/PendingBytesTracker.java
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  jar/io/netty/channel/bootstrap/FailedChannel.java
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* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-jar/io/netty/bootstrap/AbstractBootstrapConfig.java
* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-jar/io/netty/channel/socket/DuplexChannel.java
* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-jar/io/netty/channel/SelectStrategyFactory.java
* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-jar/io/netty/channel/ChannelInboundInvoker.java
* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-jar/io/netty/channel/SelectStrategy.java
* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-jar/io/netty/channel/PrefeHeapByteBufAllocator.java
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* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-jar/io/netty/bootstrap/BootstrapConfig.java
* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-jar/io/netty/channel/DefaultSelectStrategyFactory.java
* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-jar/io/netty/channel/ChannelOutboundInvoker.java
* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-jar/io/netty/bootstrap/ServerBootstrapConfig.java
* /opt/cola/permits/1258617773_1643096322.09/0/netty-transport-4-1-71-final-sources-jar/io/netty/channel/DefaultSelectStrategy.java
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1.226 python-setuptools 39.0.1-2

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Protocol Buffers for Go with Gadgets

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

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https://github.com/golang/protobuf

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```python
from setuptools import setup, find_packages
import io
from os import path
import re

VERSION = re.search("VERSION = '([^']+)'", io.open(
    path.join(path.dirname(__file__), 'webencodings', '__init__.py'),
    encoding='utf-8').read().strip()).group(1)

LONG_DESCRIPTION = io.open(
    path.join(path.dirname(__file__), 'README.rst'),
    encoding='utf-8').read()

setup(
    name='webencodings',
    version=VERSION,
    url='https://github.com/SimonSapin/python-webencodings',
    license='BSD',
    author='Simon Sapin',
    author_email='simon.sapin@exyr.org',
    description='Character encoding aliases for legacy web content',
    long_description=LONG_DESCRIPTION,
    classifiers=[
        'Development Status :: 4 - Beta',
        'Intended Audience :: Developers',
    ]
)```
\texttt{python-webencodings}

\begin{verbatim}
This is a Python implementation of the `WHATWG Encoding standard
<http://encoding.spec.whatwg.org/>`_.

* Latest documentation: http://packages.python.org/webencodings/
* Source code and issue tracker:
  https://github.com/gsnedders/python-webencodings
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* Python 2.6+ and 3.3+

In order to be compatible with legacy web content
when interpreting something like `Content-Type: text/html; charset=latin1`
, tools need to use a particular set of aliases for encoding labels
as well as some overriding rules.
For example, `US-ASCII` and `iso-8859-1` on the web are actually
aliases for `windows-1252`, and an UTF-8 or UTF-16 BOM takes precedence
over any other encoding declaration.
The Encoding standard defines all such details so that implementations
do not have to reverse-engineer each other.

This module has encoding labels and BOM detection,
but the actual implementation for encoders and decoders is Pythons.
\end{verbatim}

\begin{verbatim}
Found in path(s):
* /opt/cola/permits/1121503976_1610155523.01/0/webencodings-0-5.tar.gz/webencodings-0.5/README.rst
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\end{verbatim}

\begin{verbatim}
Found in path(s):
* /opt/cola/permits/1121503976_1610155523.01/0/webencodings-0-5.tar.gz/webencodings-0.5/webencodings/labels.py
* /opt/cola/permits/1121503976_1610155523.01/0/webencodings-0-5.tar.gz/webencodings-
\end{verbatim}
This is a Python implementation of the `WHATWG Encoding standard`_
<http://encoding.spec.whatwg.org/>_.

* Latest documentation: http://packages.python.org/webencodings/
* Source code and issue tracker: https://github.com/gsnedders/python-webencodings
* PyPI releases: http://pypi.python.org/pypi/webencodings
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* Python 2.6+ and 3.3+

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```python
import json
try:
    from urllib import urlopen
except ImportError:
    from urllib.request import urlopen

def assert_lower(string):
    assert string == string.lower()
    return string

def generate(url):
    parts = ["\n
Map encoding labels to their name.

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# XXX Do not edit!
# This file is automatically generated by mklabels.py
```
LABELS = {
    
    labels = [
        (repr(assert_lower(label)).lstrip('u'),
         repr(encoding['name']).lstrip('u'))
        for category in json.loads(urlopen(url).read().decode('ascii'))
        for encoding in category['encodings']
        for label in encoding['labels']
    ]

    max_len = max(len(label) for label, name in labels)
    parts.extend(
        '    %s:%s %s,
' % (label, ' ' * (max_len - len(label)), name)
        for label, name in labels)
    parts.append('}
    return ''.join(parts)

if __name__ == '__main__':
    print(generate('http://encoding.spec.whatwg.org/encodings.json'))

Found in path(s):
* /opt/cola/permits/1121503976_1610155523.01/0/webencodings-0-5-tar-gz/webencodings-0.5/webencodings/mklabels.py

1.231 alpine-baselayout 3.2.0-r8
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1.238 zlib 1.2.11 r3

1.238.1 Available under license:
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1.239 gophercloud 0.1.0

1.239.1 Available under license :

package RESOURCE

import (
    "github.com/gophercloud/gophercloud"
    "github.com/gophercloud/gophercloud/pagination"
)

// RESOURCE represents...
type Resource struct {
}

type commonResult struct {
    gophercloud.Result
}

// GetResult is the response from a Get operation. Call its Extract method // to interpret it as a RESOURCE.
type GetResult struct {
    commonResult
}

// CreateResult is the response from a Create operation. Call its Extract method // to interpret it as a RESOURCE.
type CreateResult struct {
    commonResult
}

// DeleteResult is the response from a Delete operation. Call its ExtractErr to // determine if the request succeeded or failed.
type DeleteResult struct {

gophercloud.ErrResult
}

// UpdateResult is the result of an Update request. Call its Extract method to
// interpret it as a RESOURCE.
type UpdateResult struct {
    commonResult
}

// ResourcePage is a single page of RESOURCE results.
type ResourcePage struct {
pagination.LinkedPageBase
}

// IsEmpty determines whether or not a page of RESOURCES contains any results.
func (r ResourcePage) IsEmpty() (bool, error) {
    resources, err := ExtractResources(r)
    return len(resources) == 0, err
}

// NextPageURL extracts the "next" link from the links section of the result.
func (r ResourcePage) NextPageURL() (string, error) {
    var s struct {
        Links struct {
            Next string `json:"next"`
            Previous string `json:"previous"`
        } `json:"links"`
    }
    err := r.ExtractInto(&s)
    if err != nil {
        return "", err
    }
    return s.Links.Next, err
}

// ExtractResources returns a slice of Resources contained in a single page of
// results.
func ExtractResources(r pagination.Page) ([]Resource, error) {
    var s struct {
        Resources []Resource `json:"resources"`
    }
    err := (r.(ResourcePage)).ExtractInto(&s)
    return s/Resources, err
}

// Extract interprets any commonResult as a Resource.
func (r commonResult) Extract() (*Resource, error) {
    var s struct {
This tutorial is to help new contributors become familiar with the processes used by the Gophercloud team when adding a new feature or fixing a bug.

While we have a defined process for working on Gophercloud, we're very mindful that everyone is new to this in the beginning. Please reach out for help or ask for clarification if needed. No question is ever "dumb" or not worth our time answering.

To begin, go to [Step 1](step-01-introduction.md).

### Step 5: Writing the Code

At this point, you should have:

- [x] Identified a feature or bug fix
- [x] Opened an Issue about it
- [x] Located the project's service code which validates the feature or fix
- [x] Have an OpenStack environment available to test with

Now it's time to write the actual code! We recommend reading over the [CONTRIBUTING](/github/CONTRIBUTING.md) guide again as a refresh. Notably the [Getting Started](/github/CONTRIBUTING.md#getting-started) section will help you set up a `git` repository correctly.

We encourage you to browse the existing Gophercloud code to find examples of similar implementations. It would be a very rare occurrence for you to be implementing something that hasn't already been done.

Use the existing packages as templates and mirror the style, naming, and logic.

### Types of Pull Requests

The amount of changes you plan to make will determine how much code you should submit as Pull Requests.

#### ### A Single Bug Fix

If you're implementing a single bug fix, then creating one `git` branch and
submitting one Pull Request is fine.

### Adding a Single Field

If you're adding a single field, then a single Pull Request is also fine. See [#662](https://github.com/gophercloud/gophercloud/pull/662) as an example of this.

If you plan to add more than one missing field, you will need to open a Pull Request for _each_ field.

### Adding a Single API Call

Single API calls can also be submitted as a single Pull Request. See [#722](https://github.com/gophercloud/gophercloud/pull/722) as an example of this.

### Adding a Suite of API Calls

If you're adding support for a "suite" of API calls (meaning: Create, Update, Delete, Get), then you will need to create one Pull Request for _each_ call.

The following Pull Requests are good examples of how to do this:

* https://github.com/gophercloud/gophercloud/pull/584
* https://github.com/gophercloud/gophercloud/pull/586
* https://github.com/gophercloud/gophercloud/pull/587
* https://github.com/gophercloud/gophercloud/pull/594

You can also use the provided [template](/docs/contributor-tutorial/.template) as it contains a lot of the repeated boiler plate code seen in each resource. However, please make sure to thoroughly review and edit it as needed. Leaving templated portions in-place might be interpreted as rushing through the work and will require further rounds of review to fix.

### Adding an Entire OpenStack Project

To add an entire OpenStack project, you must break each set of API calls into individual Pull Requests. Implementing an entire project can be thought of as implementing multiple API suites.

An example of this can be seen from the Pull Requests referenced in [#723](https://github.com/gophercloud/gophercloud/issues/723).

### What to Include in a Pull Request

Each Pull Request should contain the following:
1. The actual Go code to implement the feature or bug fix
2. Unit tests
3. Acceptance tests
4. Documentation

Whether you want to bundle all of the above into a single commit or multiple commits is up to you. Use your preferred style.

### Unit Tests

Unit tests should provide basic validation that your code works as intended.

Please do not use JSON fixtures from the API reference documentation. Please generate your own fixtures using the OpenStack environment you're testing with.

### Acceptance Tests

Since unit tests are not run against an actual OpenStack environment, acceptance tests can arguably be more important. The acceptance tests that you include in your Pull Request should confirm that your implemented code works as intended with an actual OpenStack environment.

### Documentation

All documentation in Gophercloud is done through in-line `godoc`. Please make sure to document all fields, functions, and methods appropriately. In addition, each package has a `doc.go` file which should be created or amended with details of your Pull Request, where appropriate.

**Dealing with Related Pull Requests**

If you plan to open more than one Pull Request, it's only natural that code from one Pull Request will be dependent on code from the prior Pull Request.

There are two methods of handling this:

### Create Independent Pull Requests

With this method, each Pull Request has all of the code to fully implement the code in question. Each Pull Request can be merged in any order because it's self contained.

Use the following `git` workflow to implement this method:

```
```
Advantages of this Method:

* Pull Requests can be merged in any order
* Additional commits to one Pull Request are independent of other Pull Requests

Disadvantages of this Method:

* There will be _a lot_ of duplicate code in each Pull Request
* You will have to rebase all other Pull Requests and resolve a good amount of merge conflicts.

### Create a Chain of Pull Requests

With this method, each Pull Request is based off of a previous Pull Request. Pull Requests will have to be merged in a specific order since there is a defined relationship.

Use the following `git` workflow to implement this method:

```
```
$ git checkout master
$ git pull
$ git checkout -b identityv3-regions-create
$ (write your code)
$ git add .
$ git commit -m "Implementing Regions Create"

$ git checkout master
$ git checkout -b identityv3-regions-update
$ (write your code)
$ git add .
$ git commit -m "Implementing Regions Update"
```

Advantages of this Method:
* Each Pull Request becomes smaller since you are building off of the last

Disadvantages of this Method:

* If a Pull Request requires changes, you will have to rebase _all_ child
Pull Requests based off of the parent.

The choice of method is up to you.

---

Once you have your code written, submit a Pull Request to Gophercloud and
proceed to [Step 6](step-06-code-review.md).

Step 6: Code Review

-------------------

Once you've submitted a Pull Request, three things will happen automatically:

1. Travis-CI will run a set of simple tests:
   
   a. Unit Tests
   
   b. Code Formatting checks
   
   c. `go vet` checks

2. Coveralls will run a coverage test.
3. [OpenLab](https://openlabtesting.org/) will run acceptance tests.

Depending on the results of the above, you might need to make additional
changes to your code.

While you're working on the finishing touches to your code, it is helpful
to add a `\[wip\]` tag to the title of your Pull Request.

You are most welcomed to take as much time as you need to work on your Pull
Request. As well, take advantage of the automatic testing that is done to
each commit.

### Travis-CI

If Travis reports code formatting issues, please make sure to run `gofmt` on all
of your code. Travis will also report errors with unit tests, so you should
ensure those are fixed, too.

### Coveralls
If Coveralls reports a decrease in test coverage, check and make sure you have provided unit tests. A decrease in test coverage is _sometimes_ unavoidable and ignorable.

### OpenLab

OpenLab does not yet run a full suite of acceptance tests, so it's possible that the acceptance tests you've included were not run. When this happens, a core member for Gophercloud will run the tests manually.

There are times when a core reviewer does not have access to the resources required to run the acceptance tests. When this happens, it is essential that you've run them yourself (See [Step 4](step-04.md)).

**Request a Code Review**

When you feel your Pull Request is ready for review, please leave a comment requesting a code review. If you don't explicitly ask for a code review, a core member might not know the Pull Request is ready for review.

Additionally, if there are parts of your implementation that you are unsure about, please ask for help. We're more than happy to provide advice.

During the code review process, a core member will review the code you've submitted and either request changes or request additional information. Generally these requests fall under the following categories:

1. Code which needs to be reformatted (See our [Style Guide](/docs/STYLEGUIDE.md) for conventions used).

2. Requests for additional information about the validity of something. This might happen because the included supporting service code URLs don't have enough information.

3. Missing unit tests or acceptance tests.

**Submitting Changes**

If a code review requires changes to be submitted, please do not squash your commits. Please only add new commits to the Pull Request. This is to help the code reviewer see only the changes that were made.

**It's Never Personal**

Code review is a healthy exercise where a new set of eyes can sometimes spot
items forgotten by the author.

Please don't take change requests personally. Our intention is to ensure the
code is correct before merging.

---

Once the code has been reviewed and approved, a core member will merge your
Pull Request.

Please proceed to [Step 7](step-07-congratulations.md).

package testing

import (
    "fmt"
    "net/http"
    "testing"

    "github.com/gophercloud/gophercloud/openstack/service/vN/resources"
    th "github.com/gophercloud/gophercloud/testhelper"
    "github.com/gophercloud/gophercloud/testhelper/client"
)

// ListResult provides a single page of RESOURCE results.
const ListResult = `{
}
`

// GetResult provides a Get result.
const GetResult = `{
}
`

// CreateRequest provides the input to a Create request.
const CreateRequest = `{
}
`

// UpdateRequest provides the input to as Update request.
const UpdateRequest = `{
}
`

// UpdateResult provides an update result.
const UpdateResult = `{
}
`;

// FirstResource is the first resource in the List request.
var FirstResource = resources.Resource{};

// SecondResource is the second resource in the List request.
var SecondResource = resources.Resource{};

// SecondResourceUpdated is how SecondResource should look after an Update.
var SecondResourceUpdated = resources.Resource{};

// ExpectedResourcesSlice is the slice of resources expected to be returned from ListResult.
var ExpectedResourcesSlice = []resources.Resource{FirstResource, SecondResource};

// HandleListResourceSuccessfully creates an HTTP handler at `/resources` on the // test handler mux that responds with a list of two resources.
func HandleListResourceSuccessfully(t *testing.T) {
th.Mux.HandleFunc(`/resources`, func(w http.ResponseWriter, r *http.Request) {
    th.TestMethod(t, r, "GET")
    th.TestHeader(t, r, "Accept", "application/json")
    th.TestHeader(t, r, "X-Auth-Token", client.TokenID)
    w.Header().Set("Content-Type", "application/json")
    w.WriteHeader(http.StatusOK)
    fmt.Fprintf(w, ListResult)
})
}

// HandleGetResourceSuccessfully creates an HTTP handler at `/resources` on the // test handler mux that responds with a single resource.
func HandleGetResourceSuccessfully(t *testing.T) {
th.Mux.HandleFunc(`/resources/9fe1d3`, func(w http.ResponseWriter, r *http.Request) {
    th.TestMethod(t, r, "GET")
    th.TestHeader(t, r, "Accept", "application/json")
    th.TestHeader(t, r, "X-Auth-Token", client.TokenID)
    w.Header().Set("Content-Type", "application/json")
    w.WriteHeader(http.StatusOK)
    fmt.Fprintf(w, GetResult)
})
}

// HandleCreateResourceSuccessfully creates an HTTP handler at `/resources` on the // test handler mux that tests resource creation.
func HandleCreateResourceSuccessfully(t *testing.T) {

package RESOURCE

import (  "github.com/gophercloud/gophercloud"  "github.com/gophercloud/gophercloud/pagination"
)

// ListOptsBuilder allows extensions to add additional parameters to  // the List request  type ListOptsBuilder interface {  ToResourceListQuery() (string, error)  }

// ListOpts provides options to filter the List results.  type ListOpts struct {

th.Mux.HandleFunc(`/resources`, func(w http.ResponseWriter, r *http.Request) {
  th.TestMethod(t, r, "POST")
  th.TestHeader(t, r, "X-Auth-Token", client.TokenID)
  th.TestJSONRequest(t, r, CreateRequest)

  w.WriteHeader(http.StatusCreated)
  fmt.Fprintf(w, GetResult)
})

// HandleDeleteResourceSuccessfully creates an HTTP handler at `/resources` on the // test handler mux that tests resource deletion.
func HandleDeleteResourceSuccessfully(t *testing.T) {
  th.Mux.HandleFunc(`/resources/9fe1d3`, func(w http.ResponseWriter, r *http.Request) {
    th.TestMethod(t, r, "DELETE")
    th.TestHeader(t, r, "X-Auth-Token", client.TokenID)

    w.WriteHeader(http.StatusNoContent)
  })
}

// HandleUpdateResourceSuccessfully creates an HTTP handler at `/resources` on the // test handler mux that tests resource update.
func HandleUpdateResourceSuccessfully(t *testing.T) {
  th.Mux.HandleFunc(`/resources/9fe1d3`, func(w http.ResponseWriter, r *http.Request) {
    th.TestMethod(t, r, "PATCH")
    th.TestHeader(t, r, "X-Auth-Token", client.TokenID)
    th.TestJSONRequest(t, r, UpdateRequest)

    w.WriteHeader(http.StatusOK)
    fmt.Fprintf(w, UpdateResult)
  })
}
// ToResourceListQuery formats a ListOpts into a query string.
func (opts ListOpts) ToResourceListQuery() (string, error) {
    q, err := gophercloud.BuildQueryString(opts)
    return q.String(), err
}

// List retrieves a list of RESOURCES.
func List(client *gophercloud.ServiceClient, opts ListOptsBuilder) pagination.Pager {
    url := listURL(client)
    if opts != nil {
        query, err := opts.ToResourceListQuery()
        if err != nil {
            return pagination.Pager{Err: err}
        }
        url += query
    }
        return ResourcePage{pagination.LinkedPageBase{PageResult: r}}
    })
}

// Get retrieves details of a RESOURCE.
func Get(client *gophercloud.ServiceClient, id string) (r GetResult) {
    _, r.Err = client.Get(getURL(client, id), &r.Body, nil)
    return
}

// CreateOptsBuilder allows extensions to add additional parameters to
// the Create request.
type CreateOptsBuilder interface {
    ToResourceCreateMap() (map[string]interface{}, error)
}

// CreateOpts provides options used to create a RESOURCE.
type CreateOpts struct {
}

// ToResourceCreateMap formats a CreateOpts into a create request.
func (opts CreateOpts) ToResourceCreateMap() (map[string]interface{}, error) {
    return gophercloud.BuildRequestBody(opts, "resource")
}

// Create creates a new RESOURCE.
func Create(client *gophercloud.ServiceClient, opts CreateOptsBuilder) (r CreateResult) {
    b, err := opts.ToResourceCreateMap()
    if err != nil {
        return
    }
    r, err = client.Post(createURL(client), b, &r.Body, nil)
    if err != nil {
        r.Err = err
    }
    return r
}
r.Err = err
return
}
_, r.Err = client.Post(createURL(client), &b, &r.Body, &gophercloud.RequestOpts{
  OkCodes: []int{201},
})
return

// Delete deletes a RESOURCE.
func Delete(client *gophercloud.ServiceClient, id string) (r DeleteResult) {
  _, r.Err = client.Delete(deleteURL(client, id), nil)
  return
}

// UpdateOptsBuilder allows extensions to add additional parameters to
// the Update request.
type UpdateOptsBuilder interface {
  ToResourceUpdateMap() (map[string]interface{}, error)
}

// UpdateOpts represents parameters to update a RESOURCE.
type UpdateOpts struct {
}

// ToUpdateCreateMap formats a UpdateOpts into an update request.
func (opts UpdateOpts) ToResourceUpdateMap() (map[string]interface{}, error) {
  return gophercloud.BuildRequestBody(opts, "resource")
}

// Update modifies the attributes of a RESOURCE.
func Update(client *gophercloud.ServiceClient, id string, opts UpdateOptsBuilder) (r UpdateResult) {
  b, err := opts.ToResourceUpdateMap()
  if err != nil {
    r.Err = err
    return
  }
  _, r.Err = client.Patch(updateURL(client, id), b, &r.Body, &gophercloud.RequestOpts{
    OkCodes: []int{200},
  })
  return
}

package testing

import {
  "testing"
  "github.com/gophercloud/gophercloud/openstack/service/vN/resources"
func TestListResources(t *testing.T) {
    th.SetupHTTP()
    defer th.TeardownHTTP()
    HandleListResourcesSuccessfully(t)

    count := 0
        count++
        actual, err := resources.ExtractResources(page)
        th.AssertNoErr(t, err)
        th.AssertDeepEquals(t, ExpectedResourcesSlice, actual)
        return true, nil
    })
    th.AssertNoErr(t, err)
    th.AssertEquals(t, count, 1)
}

func TestListResourcesAllPages(t *testing.T) {
    th.SetupHTTP()
    defer th.TeardownHTTP()
    HandleListResourcesSuccessfully(t)

    allPages, err := resources.List(client.ServiceClient(), nil).AllPages()
    th.AssertNoErr(t, err)
    actual, err := resources.ExtractResources(allPages)
    th.AssertNoErr(t, err)
    th.AssertDeepEquals(t, ExpectedResourcesSlice, actual)
}

func TestGetResource(t *testing.T) {
    th.SetupHTTP()
    defer th.TeardownHTTP()
    HandleGetResourceSuccessfully(t)

    actual, err := resources.Get(client.ServiceClient(), "9fe1d3").Extract()
    th.AssertNoErr(t, err)
}

func TestCreateResource(t *testing.T) {

th.SetupHTTP()
defer th.TeardownHTTP()
HandleCreateResourceSuccessfully(t)

createOpts := resources.CreateOpts{
Name: "resource two",
}

actual, err := resources.Create(client.ServiceClient(), createOpts).Extract()
th.AssertNoErr(t, err)
}

func TestDeleteResource(t *testing.T) {
    th.SetupHTTP()
defer th.TeardownHTTP()
    HandleDeleteResourceSuccessfully(t)

    res := resources.Delete(client.ServiceClient(), "9fe1d3")
    th.AssertNoErr(t, res.Err)
}

func TestUpdateResource(t *testing.T) {
    th.SetupHTTP()
defer th.TeardownHTTP()
    HandleUpdateResourceSuccessfully(t)

    updateOpts := resources.UpdateOpts{
Description: "Staging Resource",
}

    actual, err := resources.Update(client.ServiceClient(), "9fe1d3", updateOpts).Extract()
    th.AssertNoErr(t, err)
    th.AssertDeepEquals(t, SecondResourceUpdated, *actual)
}

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package RESOURCE

import "github.com/gophercloud/gophercloud"

func listURL(client *gophercloud.ServiceClient) string {
    return client.ServiceURL("resource")
}

func getURL(client *gophercloud.ServiceClient, id string) string {
    return client.ServiceURL("resource", id)
}

func createURL(client *gophercloud.ServiceClient) string {
    return client.ServiceURL("resource")
}
Step 7: Congratulations!
=================================

At this point your code is merged and you've either fixed a bug or added a new feature to Gophercloud!

We completely understand that this has been a long process. We appreciate your patience as well as the time you have taken for working on this. You've made Gophercloud a better project with your work.

Step 4: Acceptance Testing
==========================

If we haven't started working on the feature or bug fix, why are we talking about Acceptance Testing now?

Before you implement a feature or bug fix, you _must_ be able to test your code in a working OpenStack environment. Please do not submit code which you have only tested with offline unit tests.

Blindly submitting code is dangerous to the Gophercloud project. Developers from all over the world use Gophercloud in many different projects. If you submit code which is untested, it can cause these projects to break or become unstable.

And, to be frank, submitting untested code will inevitably cause someone else to have to spend time fixing it.

If you don't have an OpenStack environment to test with, we have lots of documentation [here](/acceptance) to help you build your own small OpenStack environment for testing.

---

Once you've confirmed you are able to test your code, proceed to [Step 5](step-05-pull-requests.md) to (finally!) start working on a Pull Request.

/*

Package NAME manages and retrieves RESOURCE in the OpenStack SERVICE Service.
Example to List RESOURCE

Example to Create a RESOURCE

Example to Update a RESOURCE

Example to Delete a RESOURCE

*/
package RESOURCE
Step 2: Create an Issue

-------------------------------

Every patch / Pull Request requires a corresponding issue. If you're fixing a bug for an existing issue, then there's no need to create a new issue.

However, if no prior issue exists, you must create an issue.

Reporting a Bug

---------

When reporting a bug, please try to provide as much information as you can.

The following issues are good examples for reporting a bug:

* https://github.com/gophercloud/gophercloud/issues/108
* https://github.com/gophercloud/gophercloud/issues/212
* https://github.com/gophercloud/gophercloud/issues/424
* https://github.com/gophercloud/gophercloud/issues/588
* https://github.com/gophercloud/gophercloud/issues/629
* https://github.com/gophercloud/gophercloud/issues/647

Feature Request

---------

If you've noticed that a feature is missing from Gophercloud, you'll also need to create an issue before doing any work. This is start a discussion about whether or not the feature should be included in Gophercloud. We don't want to want to see you put in hours of work only to learn that the feature is out of scope of the project.

Feature requests can come in different forms:

### Adding a Feature to Gophercloud Core

The "core" of Gophercloud is the code which supports API requests and responses: pagination, error handling, building request bodies, and parsing
response bodies are all examples of core code.

Modifications to core will usually have the most amount of discussion than other requests since a change to core will affect _all_ of Gophercloud.

The following issues are examples of core change discussions:

* https://github.com/gophercloud/gophercloud/issues/310
* https://github.com/gophercloud/gophercloud/issues/613
* https://github.com/gophercloud/gophercloud/issues/729
* https://github.com/gophercloud/gophercloud/issues/713

### Adding a Missing Field

If you've found a missing field in an existing struct, submit an issue to request having it added. These kinds of issues are pretty easy to report and resolve.

You should also provide a link to the actual service's Python code which defines the missing field.

The following issues are examples of missing fields:

* https://github.com/gophercloud/gophercloud/issues/620
* https://github.com/gophercloud/gophercloud/issues/621
* https://github.com/gophercloud/gophercloud/issues/658

There's one situation which can make adding fields more difficult: if the field is part of an API extension rather than the base API itself. An example of this can be seen in [this](https://github.com/gophercloud/gophercloud/issues/749) issue.

Here, a user reported fields missing in the `Get` function of `networking/v2/networks`. The fields reported missing weren't missing at all, they're just part of various Networking extensions located in `networking/v2/extensions`.

### Adding a Missing API Call

If you've found a missing API action, create an issue with details of the action. For example:

* https://github.com/gophercloud/gophercloud/issues/715
* https://github.com/gophercloud/gophercloud/issues/719

You'll want to make sure the API call is part of the upstream OpenStack project and not an extension created by a third-party or vendor. Gophercloud only supports the OpenStack projects proper.
### Adding a Missing API Suite

Adding support to a missing suite of API calls will require more than one Pull Request. However, you can use a single issue for all PRs.

Examples of issues which track the addition of a missing API suite are:

* https://github.com/gophercloud/gophercloud/issues/539
* https://github.com/gophercloud/gophercloud/issues/555
* https://github.com/gophercloud/gophercloud/issues/571
* https://github.com/gophercloud/gophercloud/issues/583
* https://github.com/gophercloud/gophercloud/issues/605

Note how the issue breaks down the implementation by request types (Create, Update, Delete, Get, List).

Also note how these issues provide links to the service's Python code. These links are not required for _issues_, but it's usually a good idea to provide them, anyway. These links _are required_ for PRs and that will be covered in detail in a later step of this tutorial.

### Adding a Missing OpenStack Project

These kinds of feature additions are large undertakings. Adding support for an entire OpenStack project is something the Gophercloud team very much appreciates, but you should be prepared for several weeks of work and interaction with the Gophercloud team.

An example of how to create an issue for an entire project can be seen here:

* https://github.com/gophercloud/gophercloud/issues/723

---

With all of the above in mind, proceed to [Step 3](step-03-code-hunting.md) to learn about Code Hunting.

Step 3: Code Hunting

====================

If you plan to submit a feature or bug fix to Gophercloud, you must be able to prove your code correctly works with the OpenStack service in question.

Let's use the following issue as an example: [https://github.com/gophercloud/gophercloud/issues/621](https://github.com/gophercloud/gophercloud/issues/621). In this issue, there's a request being made to add support for
'availability_zone_hints' to the `networking/v2/networks` package.
Meaning, we want to change:

```go
type Network struct {
    ID           string   `json:"id"`
    Name         string   `json:"name"`
    AdminStateUp bool     `json:"admin_state_up"`
    Status       string   `json:"status"`
    Subnets      []string `json:"subnets"`
    TenantID     string   `json:"tenant_id"`
    Shared       bool     `json:"shared"`
    }
``` 

to look like

```go
type Network struct {
    ID                    string   `json:"id"`
    Name                  string   `json:"name"`
    AdminStateUp          bool     `json:"admin_state_up"`
    Status                string   `json:"status"`
    Subnets               []string `json:"subnets"`
    TenantID              string   `json:"tenant_id"`
    Shared                bool     `json:"shared"`
    AvailabilityZoneHints []string `json:"availability_zone_hints"`
    }
``` 

We need to be sure that `availability_zone_hints` is a field which really does
doe xist in the OpenStack Neutron project and it's not a field which was added as
a customization to a single OpenStack cloud.

In addition, we need to ensure that `availability_zone_hints` is really a
`[]string` and not a different kind of type.

One way of verifying this is through the [OpenStack API reference
documentation](https://developer.openstack.org/api-ref/network/v2/).
However, the API docs might either be incorrect or they might not provide all of
the details we need to know in order to ensure this field is added correctly.

> Note: when we say the API docs might be incorrect, we are _not_ implying
> that the API docs aren't useful or that the contributors who work on the API
> docs are wrong. OpenStack moves fast. Typos happen. Forgetting to update
> documentation happens.
Since the OpenStack service itself correctly accepts and processes the fields, the best source of information on how the field works is in the service code itself.

Continuing on with using #621 as an example, we can find the definition of `availability_zone_hints` in the following piece of code:

https://github.com/openstack/neutron/blob/8e9959725eda4063a318b4ba6af1e3494cad9e35/neutron/objects/network.py#L191

The above code confirms that `availability_zone_hints` is indeed part of the `Network` object and that its type is a list of strings (`[string]`).

This example is a best-case situation: the code is relatively easy to find and it's simple to understand. However, there will be times when proving the implementation in the service code is difficult. Make no mistake, this is _not_ fun work. This can sometimes be more difficult than writing the actual patch for Gophercloud. However, this is an essential step to ensuring the feature or bug fix is correctly added to Gophercloud.

Examples of good code hunting can be seen here:

* https://github.com/gophercloud/gophercloud/issues/539
* https://github.com/gophercloud/gophercloud/issues/555
* https://github.com/gophercloud/gophercloud/issues/571
* https://github.com/gophercloud/gophercloud/issues/583
* https://github.com/gophercloud/gophercloud/issues/605

Code Hunting Tips

---------------

OpenStack projects differ from one to another. Code is organized in different ways. However, the following tips should be useful across all projects.

* The logic which implements Create and Delete actions is usually either located in the "model" or "controller" portion of the code.

* Use Github's search box to search for the exact field you're working on. Review all results to gain a good understanding of everywhere the field is used.

* When adding a field, look for an object model or a schema of some sort.

---

Proceed to [Step 4](step-04-acceptance-testing.md) to learn about Acceptance Testing.
Step 1: Read Our Guides
================================

There are two introductory guides you should read before proceeding:

* [CONTRIBUTING](/github/CONTRIBUTING.md): The Contributing guide is a detailed document which describes the different ways you can contribute to Gophercloud and how to get started. This tutorial you're reading is very similar to that guide, but presented in a different way. We still recommend you read it over.

* [STYLE](/docs/STYLEGUIDE.md): The Style Guide documents coding conventions used in the Gophercloud project.

---

When you've finished reading those guides, proceed to [Step 2](step-02-issues.md).

1.240 go-wordwrap 1.0.0
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1.241 pyyaml 5.3.1

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1.242 mawk 1.3.3 17ubuntu3

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* /opt/cola/permits/1255209723_1642677937.1/0/ca-certificates-20211220-r0-tgz/src/ca-certificates-20211220-tar-bz2/ca-certificates-20211220/mk-ca-bundle.pl

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#
# certdata.txt
#
# This file contains the object definitions for the certs and other information "built into" NSS.
#
# Object definitions:
#
# Certificates
<table>
<thead>
<tr>
<th>Attribute</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>CKA_CLASS</td>
<td>CK_OBJECT_CLASS</td>
<td>CKO_CERTIFICATE</td>
</tr>
<tr>
<td>CKA_TOKEN</td>
<td>CK_BBOOL</td>
<td>CK_TRUE</td>
</tr>
<tr>
<td>CKA_PRIVATE</td>
<td>CK_BBOOL</td>
<td>CK_FALSE</td>
</tr>
<tr>
<td>CKA_MODIFIABLE</td>
<td>CK_BBOOL</td>
<td>CK_FALSE</td>
</tr>
<tr>
<td>CKA_LABEL</td>
<td>UTF8</td>
<td>(varies)</td>
</tr>
<tr>
<td>CKA_CERTIFICATE_TYPE</td>
<td>CK_CERTIFICATE_TYPE</td>
<td>CKC_X_509</td>
</tr>
<tr>
<td>CKA_SUBJECT</td>
<td>DER+base64</td>
<td>(varies)</td>
</tr>
<tr>
<td>CKA_ID</td>
<td>byte array</td>
<td>(varies)</td>
</tr>
<tr>
<td>CKA_ISSUER</td>
<td>DER+base64</td>
<td>(varies)</td>
</tr>
<tr>
<td>CKA_SERIAL_NUMBER</td>
<td>DER+base64</td>
<td>(varies)</td>
</tr>
<tr>
<td>CKA_VALUE</td>
<td>DER+base64</td>
<td>(varies)</td>
</tr>
<tr>
<td>CKA_NSS_EMAIL</td>
<td>ASCII7</td>
<td>(unused here)</td>
</tr>
<tr>
<td>CKA_NSS_SERVER_DISTRUST_AFTER</td>
<td>DER+base64</td>
<td>(varies)</td>
</tr>
<tr>
<td>CKA_NSS_EMAIL_DISTRUST_AFTER</td>
<td>DER+base64</td>
<td>(varies)</td>
</tr>
</tbody>
</table>

# Trust

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>CKA_CLASS</td>
<td>CK_OBJECT_CLASS</td>
<td>CKO_TRUST</td>
</tr>
<tr>
<td>CKA_TOKEN</td>
<td>CK_BBOOL</td>
<td>CK_TRUE</td>
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<tr>
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<td>CK_BBOOL</td>
<td>CK_FALSE</td>
</tr>
<tr>
<td>CKA_MODIFIABLE</td>
<td>CK_BBOOL</td>
<td>CK_FALSE</td>
</tr>
<tr>
<td>CKA_LABEL</td>
<td>UTF8</td>
<td>(varies)</td>
</tr>
<tr>
<td>CKA_ISSUER</td>
<td>DER+base64</td>
<td>(varies)</td>
</tr>
<tr>
<td>CKA_SERIAL_NUMBER</td>
<td>DER+base64</td>
<td>(varies)</td>
</tr>
<tr>
<td>CKA_CERT_HASH</td>
<td>binary+base64</td>
<td>(varies)</td>
</tr>
<tr>
<td>CKA_EXPIRES</td>
<td>CK_DATE</td>
<td>(not used here)</td>
</tr>
<tr>
<td>CKA_TRUST_DIGITAL_SIGNATURE</td>
<td>CK_TRUST</td>
<td>(varies)</td>
</tr>
<tr>
<td>CKA_TRUST_NON_REPUDIATION</td>
<td>CK_TRUST</td>
<td>(varies)</td>
</tr>
<tr>
<td>CKA_TRUST_KEY_ENCIPHERMENT</td>
<td>CK_TRUST</td>
<td>(varies)</td>
</tr>
<tr>
<td>CKA_TRUST_DATA_ENCIPHERMENT</td>
<td>CK_TRUST</td>
<td>(varies)</td>
</tr>
<tr>
<td>CKA_TRUST_KEY_AGREEMENT</td>
<td>CK_TRUST</td>
<td>(varies)</td>
</tr>
<tr>
<td>CKA_TRUST_KEY_CERT_SIGN</td>
<td>CK_TRUST</td>
<td>(varies)</td>
</tr>
<tr>
<td>CKA_TRUST_CRL_SIGN</td>
<td>CK_TRUST</td>
<td>(varies)</td>
</tr>
<tr>
<td>CKA_TRUST_SERVER_AUTH</td>
<td>CK_TRUST</td>
<td>(varies)</td>
</tr>
<tr>
<td>CKA_TRUST_CLIENT_AUTH</td>
<td>CK_TRUST</td>
<td>(varies)</td>
</tr>
<tr>
<td>CKA_TRUST_CODE_SIGNING</td>
<td>CK_TRUST</td>
<td>(varies)</td>
</tr>
<tr>
<td>CKA_TRUST_EMAIL_PROTECTION</td>
<td>CK_TRUST</td>
<td>(varies)</td>
</tr>
<tr>
<td>CKA_TRUST_IPSEC_END_SYSTEM</td>
<td>CK_TRUST</td>
<td>(varies)</td>
</tr>
<tr>
<td>CKA_TRUST_IPSEC_TUNNEL</td>
<td>CK_TRUST</td>
<td>(varies)</td>
</tr>
<tr>
<td>CKA_TRUST_IPSEC_USER</td>
<td>CK_TRUST</td>
<td>(varies)</td>
</tr>
<tr>
<td>CKA_TRUST_TIME_STAMPING</td>
<td>CK_TRUST</td>
<td>(varies)</td>
</tr>
<tr>
<td>CKA_TRUST_STEP_UP_APPROVED</td>
<td>CK_BBOOL</td>
<td>(varies)</td>
</tr>
</tbody>
</table>

# (other trust attributes can be defined)
# The object to tell NSS that this is a root list and we don't
# have to go looking for others.
#
BEGINDATA
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_BUILTIN_ROOT_LIST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Mozilla Builtin Roots"

# Certificate "GlobalSign Root CA"
#
# Issuer: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE
# Serial Number:04:00:00:00:01:15:4b:5a:ce:3:94
# Subject: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Tue Sep 01 12:00:00 1998
# Not Valid After : Fri Jan 28 12:00:00 2028
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\127\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\020\060\016\006\003
\125\004\013\023\007\122\157\157\164\040\010\101\016\033\060\031
\006\003\125\004\003\023\022\107\154\157\142\141\154\123\151\147
\156\040\122\157\157\164\040\010\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\127\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\020\060\016\006\003
\125\004\013\023\007\122\157\157\164\040\010\101\016\033\060\031
\006\003\125\004\003\023\022\107\154\157\142\141\154\123\151\147
\156\040\122\157\157\164\040\010\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\004\000\000\000\000\000\000\000\025\113\132\303\224
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\165\060\020\002\135\240\003\002\001\002\002\013\004
Open Source Used In Intelligent Node Manager 3.X 3.3.0 3519
Open Source Used In Intelligent Node Manager 3.X 3.3.0  3520

# Trust for Certificate "GlobalSign Root CA"
# Issuer: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE
# Serial Number:04:00:00:00:00:00:01:15:4b:5a:c3:94
# Subject: CN=GlobalSign Root CA,OU=Root CA,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Tue Sep 01 12:00:00 1998
# Not Valid After : Fri Jan 28 12:00:00 2028
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\261\274\226\213\324\364\235\142\052\250\232\201\362\025\001\122
\244\035\202\234
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\076\105\122\025\011\12\222\341\267\135\067\237\261\207\051\212
END
CKA_ISSUER MULTILINE_OCTAL
\060\127\061\130\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\020\060\016\006\003
\125\004\013\023\007\122\157\157\164\040\010\101\061\033\060\003\1
\006\003\125\004\003\023\022\107\154\157\142\141\154\123\151\147
\156\040\122\157\157\164\040\010\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\000\020\130\004\000\000\000\000\000\000\001\025\113\132\303\224
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
# Certificate "Verisign Class 1 Public Primary Certification Authority - G3"

# Issuer: CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",O=VeriSign Trust Network,L=",C=US
# Serial Number:00:8b:5b:75:56:84:54:85:0b:00:cf:af:38:48:ce:b1:a4
# Subject: CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",O=VeriSign Trust Network,L=",C=US
# Not Valid Before: Fri Oct 01 00:00:00 1999
# Not Valid After : Wed Jul 16 23:59:59 2036
CKA_CLASS CK_OBJECT_CLASS CKC_X_509
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Verisign Class 1 Public Primary Certification Authority - G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\107\146\164\156\152\151\123\151\147\156\040\103\154\141\163\163\040
\161\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\104\010\134\152\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\312\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\027\060\025\006\003\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\124\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\006\003
\125\004\013\023\061\050\143\051\040\061\071\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\103\006\003\125\004\003\023
\107\146\164\156\152\151\123\151\147\156\040\103\154\141\163\163\040
\161\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
\104\010\134\152\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171\040\055\040\107\063
END
\074\156\317\240\023\000\032\270\047\241\344\276\147\226\312\240
\305\263\234\335\311\165\236\353\060\232\137\243\315\331\256\170
\031\077\043\351\134\333\051\275\255\125\310\033\124\214\143\366
\350\246\352\037\067\022\134\243\051\036\003\032\270\047\321\035\032\073\036\240
\305\263\234\335\311\165\236\353\060\232\137\243\315\331\256\170
\110\020\367\015\000\101\005\005\000\003\202\001\001\000\253\146
\215\327\263\272\307\023\226\346\125\320\005\361\123\061\125\151
\252\331\252\106\046\017\161\355\245\255\123\126\142\000\1107\052
\104\351\376\077\164\013\023\233\271\364\115\033\262\321\137\262
\266\322\210\134\263\237\315\313\333\244\273\331\140\225\204\072\2370
\301\067\035\141\131\234\276\030\345\221\332\124\246\254\061\201
\256\227\336\135\101\254\270\030\227\200\177\156\162\244\347\151
\023\225\145\037\304\223\074\375\171\217\004\324\076\117\135\236\147
\326\316\135\147\174\111\145\002\277\221\205\124\163\101\377\066
\367\206\055\354\320\136\117\177\021\237\162\006\326\270\032\361
\114\015\046\145\342\104\200\003\360\173\343\135\350\012\332\354
\245\040\200\151\150\241\117\176\341\153\317\007\101\372\203\216
\274\070\335\260\056\021\261\153\326\210\024\323\274\371\110\042
\171\112\031\172\262\034\076\040\164\331\152\303\276\362\050\170
\023\126\171\117\155\120\352\033\260\265\127\261\067\146\130\043
\363\334\001\173\030\122\073\057\266\005\325\070\024\140\231\243
\113\336\006\226\161\054\362\333\266\037\244\357\077\356
END
CKA_MOSSA韭LA_CA_POLICY CK_BBOOL CK_TRUE
CKA_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
# For Email Distrust After: Wed Aug 31 00:00:00 2022
CKA_EMAIL_DISTRUST_AFTER MULTILINE_OCTAL
\062\062\060\070\063\061\060\060\060\060\060\060\060\060\060\060\060\060\132
END
# Trust for Certificate "Verisign Class 1 Public Primary Certification Authority - G3"
# Issuer: CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,0="VeriSign, Inc."C=US
# Serial Number:00:8b:5b:75:56:84:54:85:00:cf:af:38:48:ce:b1:a4
# Subject: CN=VeriSign Class 1 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,0="VeriSign, Inc."C=US
# Not Valid Before: Fri Oct 01 00:00:00 1999
# Not Valid After : Wed Jul 16 23:59:59 2036
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Verisign Class 1 Public Primary Certification Authority - G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
Certificate "Verisign Class 2 Public Primary Certification Authority - G3"

Issuer: CN=VeriSign Class 2 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc." ,C=US


Subject: CN=VeriSign Class 2 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc." ,C=US

Not Valid Before: Fri Oct 01 00:00:00 1999


CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

TOKEN CK_BBOOL CK_TRUE

PRIVATE CK_BBOOL CK_FALSE

MODIFIABLE CK_BBOOL CK_FALSE

LABEL UTF8 "Verisign Class 2 Public Primary Certification Authority - G3"

CERTIFICATE_TYPE CK_Certificate_Type CKC_X_509
# Trust for Certificate "Verisign Class 2 Public Primary Certification Authority - G3"
# Issuer: CN=VeriSign Class 2 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Subject: CN=VeriSign Class 2 Public Primary Certification Authority - G3,OU="(c) 1999 VeriSign, Inc. - For authorized use only",OU=VeriSign Trust Network,O="VeriSign, Inc.",C=US
# Not Valid Before: Fri Oct 01 00:00:00 1999
# Not Valid After : Wed Jul 16 23:59:59 2036

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Verisign Class 2 Public Primary Certification Authority - G3"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\260\177\373\066\045\332\225\320\361\044\024\027\335\030\200\153\062\062\060\070\063\060\060\060\060\060\060\060\132

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\141\357\103\327\177\312\324\141\121\274\230\340\303\131\022\257
\237\353\143\021

CKA_ISSUER MULTILINE_OCTAL
\060\201\312\061\013\060\001\1\006\003\1\125\004\000\060\023\002\125\123
\061\027\060\025\006\003\1\125\004\012\023\016\126\145\162\151\123
\151\147\156\054\040\111\156\143\056\061\037\060\035\006\003\125
\004\013\023\026\126\145\162\151\123\151\147\156\040\012\162\165
\163\164\040\116\145\164\167\157\162\153\061\072\060\070\060\003
\125\004\013\023\026\061\105\014\035\010\040\061\107\071\071\040\126\145
\162\151\123\151\147\156\054\040\111\156\143\056\040\055\040\106
\157\162\040\141\165\164\150\157\162\151\172\145\144\040\165\163
\145\040\157\156\154\171\061\105\060\013\006\003\1\125\004\003\023
\074\126\145\162\151\123\151\147\156\040\013\154\141\163\163\040
\062\040\120\165\142\154\151\143\040\120\162\151\155\141\162\171
# Certificate "Entrust.net Premium 2048 Secure Server CA"

# Issuer: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net Limited,OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.),O=Entrust.net
# Serial Number: 946069240 (0x3863def8)
# Subject: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net Limited,OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.),O=Entrust.net
# Not Valid Before: Fri Dec 24 17:50:51 1999
# Not Valid After : Tue Jul 24 14:15:12 2029

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust.net Premium 2048 Secure Server CA"

# Certificate "Entrust.net Premium 2048 Secure Server CA"

# Issuer: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net Limited,OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.),O=Entrust.net
# Serial Number: 946069240 (0x3863def8)
# Subject: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net Limited,OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.),O=Entrust.net
# Not Valid Before: Fri Dec 24 17:50:51 1999
# Not Valid After : Tue Jul 24 14:15:12 2029

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust.net Premium 2048 Secure Server CA"
END

# Trust for "Entrust.net Premium 2048 Secure Server CA"
# Issuer: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net Limited,OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.),O=Entrust.net
# Serial Number: 946069240 (0x3863def8)
# Subject: CN=Entrust.net Certification Authority (2048),OU=(c) 1999 Entrust.net Limited,OU=www.entrust.net/CPS_2048 incorp. by ref. (limits liab.),O=Entrust.net
# Not Valid Before: Fri Dec 24 17:50:51 1999
# Not Valid After : Tue Jul 24 14:15:12 2029

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust.net Premium 2048 Secure Server CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\120\060\006\011\035\227\324\365\256\071\136\713\347\222\175\175
\145\055\064\061
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\356\051\061\274\062\176\232\346\350\265\121\264\064\161\220
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\264\061\024\060\022\006\003\125\004\012\023\013\105\156
\164\162\165\163\164\056\156\145\164\061\100\060\076\006\003\125
\004\13\024\067\167\167\056\145\156\164\162\165\163\164\056
\156\145\164\057\103\120\123\137\062\060\064\070\040\151\156\143
\157\162\160\056\040\142\171\040\162\145\146\056\040\050\154\151
\155\151\164\163\040\154\151\141\142\056\051\061\045\060\043\006
\003\125\004\013\023\034\050\143\051\040\061\071\071\071\040\105
\156\164\162\165\163\164\056\156\145\164\040\114\151\155\151\164
\145\144\061\063\060\061\006\003\125\004\003\023\052\105\156\164
\162\165\163\164\056\156\145\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\040\050\062\060\064\070\051
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\070\143\336\370
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Baltimore CyberTrust Root"
#
# Issuer: CN=Baltimore CyberTrust Root,OU=CyberTrust,O=Baltimore,C=IE
# Serial Number: 33554617 (0x20000b9)
# Subject: CN=Baltimore CyberTrust Root,OU=CyberTrust,O=Baltimore,C=IE
# Not Valid Before: Fri May 12 18:46:00 2000
# Not Valid After : Mon May 12 23:59:00 2025
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Baltimore CyberTrust Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\013\020\060\013\030\060\001\110\006\003\125\000\040\006\023\002\111\110\050\061
\022\060\020\060\006\003\125\004\001\120\023\101\110\141\154\164\151\155
\157\162\145\061\023\060\021\006\003\125\004\013\023\012\103\171
\142\145\162\124\162\165\163\164\016\020\060\040\006\003\125\004
\003\023\031\021\024\141\154\164\151\155\157\162\145\040\010\171\142
\145\162\124\162\165\163\164\040\122\157\157\164
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\013\020\060\013\030\060\001\110\006\003\125\000\040\006\023\002\111\110\050\061
\022\060\020\060\006\003\125\004\001\120\023\101\110\141\154\164\151\155
\157\162\145\061\023\060\021\006\003\125\004\013\023\012\103\171
\142\145\162\124\162\165\163\164\016\020\060\040\006\003\125\004
\003\023\031\021\024\141\154\164\151\155\157\162\145\040\010\171\142
\145\162\124\162\165\163\164\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\002\000\000\271
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\167\060\060\020\002\137\240\003\002\001\002\002\004\002
\000\000\271\060\015\006\011\052\206\110\206\367\015\000\001\000\005
\005\000\006\001\132\060\013\030\060\011\006\003\125\004\006\023\002\111
\105\061\022\060\006\003\125\004\012\023\011\102\141\154\164
\151\155\157\162\145\061\023\060\021\006\003\125\004\013\023\012
\103\171\142\145\162\124\162\165\163\164\016\042\060\040\006\003
\125\004\003\023\031\102\141\154\164\151\155\157\162\145\040\010
\171\142\145\162\124\162\165\163\164\040\122\157\157\164\060\036
\027\015\060\060\060\065\061\062\060\010\070\064\066\060\060\0132\027
\015\062\060\060\065\060\016\062\062\063\065\071\060\060\0132\060\0132
\061\013\060\001\110\006\003\125\004\006\023\002\111\110\056\106\0122\060
\020\006\003\125\004\012\023\011\102\141\154\164\151\155\157\162
\145\061\023\060\021\060\003\125\004\012\033\012\103\171\142\145
\162\124\162\165\163\164\061\042\060\040\006\003\125\004\003\023
\031\110\102\141\154\164\151\155\157\162\145\040\010\131\171\142\145\162
\124\162\165\163\164\040\122\157\157\164\060\020\001\042\060\015
\006\001\110\052\206\010\206\367\015\000\001\000\005\000\003\202\001
\017\000\000\020\002\011\012\002\200\010\001\000\243\004\273\042\253
\230\075\127\350\046\162\232\265\171\324\051\342\341\350\225\200
\261\260\343\133\216\053\051\232\144\337\241\135\355\260\011\005
\155\333\050\056\161\142\242\142\376\264\210\332\022\353\070\353
\041\125\330\010\105\030\011\122\173\210\167\323\034\217\307\272\271
\210\265\152\011\134\7\163\350\021\110\047\321\131\143\121\142\215\055
\345\217\013\246\120\322\250\120\030\050\352\365\253\045\207\212
END

# Trust for Certificate "Baltimore CyberTrust Root"
# Issuer: CN=Baltimore CyberTrust Root,OU=CyberTrust,O=Baltimore,C=IE
# Serial Number: 33554617 (0x20000b9)
# Subject: CN=Baltimore CyberTrust Root,OU=CyberTrust,O=Baltimore,C=IE
# Not Valid Before: Fri May 12 18:46:00 2000
# Not Valid After : Mon May 12 23:59:00 2025

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE

# Open Source Used In Intelligent Node Manager 3.X 3.3.0 3533
# Certificate "Entrust Root Certification Authority"

# Issuer: CN=Entrust Root Certification Authority,OU="(c) 2006 Entrust, Inc.",OU=www.entrust.net/CPS is incorporated by reference,O="Entrust, Inc.",C=US
# Serial Number: 1164660820 (0x456b5054)
# Subject: CN=Entrust Root Certification Authority,OU="(c) 2006 Entrust, Inc.",OU=www.entrust.net/CPS is incorporated by reference,O="Entrust, Inc.",C=US
# Not Valid Before: Mon Nov 27 20:23:42 2006
# Not Valid After: Fri Nov 27 20:53:42 2026
# Fingerprint (MD5): D6:A5:C3:ED:5D:DD:3E:00:C1:3D:87:92:1F:1D:3F:E4

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE

# Certificate "Baltimore CyberTrust Root"

# Issuer: CN=Baltimore CyberTrust Root,OU="(c) 2006 Baltimore CyberTrust Inc.",OU=www.cybertrust.com/CPS is incorporated by reference,O="Baltimore CyberTrust Inc.",C=US
# Serial Number: 1234567890 (0x1234567890)
# Subject: CN=Baltimore CyberTrust Root,OU="(c) 2006 Baltimore CyberTrust Inc.",OU=www.cybertrust.com/CPS is incorporated by reference,O="Baltimore CyberTrust Inc.",C=US
# Not Valid Before: Mon Nov 27 20:23:42 2006
# Not Valid After: Fri Nov 27 20:53:42 2026

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CW534
Open Source Used In Intelligent Node Manager 3.X 3.3.0 3536
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "Entrust Root Certification Authority"
# Issuer: CN=Entrust Root Certification Authority,OU="(c) 2006 Entrust, Inc.",OU=www.entrust.net/CPS is incorporated by reference,O="Entrust, Inc.",C=US
# Serial Number: 1164660820 (0x456b5054)
# Subject: CN=Entrust Root Certification Authority,OU="(c) 2006 Entrust, Inc.",OU=www.entrust.net/CPS is incorporated by reference,O="Entrust, Inc.",C=US
# Not Valid Before: Mon Nov 27 20:23:42 2006
# Not Valid After : Fri Nov 27 20:53:42 2026
# Fingerprint (MD5): D6:A5:C3:ED:5D:DD:3E:00:C1:3D:87:92:1F:1D:3F:E4
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust Root Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\263\036\261\267\100\343\154\204\002\332\334\067\324\115\365\324
\147\111\122\371
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\326\245\303\355\135\335\50\320\122\037\035\077\344
END

CKA_ISSUER MULTILINE_OCTAL
\060\201\260\061\103\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\240\006\003\125\004\012\023\015\105\156\164\162\165
\163\164\054\040\111\156\143\056\061\071\060\067\006\003\125\004
\013\023\060\167\167\167\056\145\156\164\162\165\163\164\056\156
\145\164\057\103\120\123\040\151\163\040\151\156\143\157\162\160
\157\162\141\164\145\144\040\142\171\040\162\145\146\145\162\145
\156\143\145\061\103\076\005\003\125\004\013\023\026\050\143
\051\040\062\260\060\060\060\040\105\156\164\162\165\163\164\054\040
\111\156\143\056\061\055\060\053\006\003\125\004\003\023\044\105
\156\164\162\165\163\164\040\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Certum Root CA"
#
# Issuer: CN=Certum CA,O=Unizeto Sp. z o.o.,C=PL
# Serial Number: 65568 (0x10020)
# Subject: CN=Certum CA,O=Unizeto Sp. z o.o.,C=PL
# Not Valid Before: Tue Jun 11 10:46:39 2002
# Not Valid After: Fri Jun 11 10:46:39 2027
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\076\061\013\060\011\006\003\012\050\004\006\023\002\0\0\11\4061
\033\060\031\006\003\012\050\004\012\023\022\125\156\151\172\145\164
\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060\020
\006\003\012\050\004\003\023\011\103\145\162\164\165\155\040\031\011
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\076\061\013\060\011\006\003\012\050\004\006\023\002\0\0\11\4061
\033\060\031\006\003\012\050\004\012\023\022\125\156\151\172\145\164
\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060\020
\006\003\012\050\004\003\023\011\103\145\162\164\165\155\040\031\011
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\001\000\040
END
CKA_VALUE MULTILINE_OCTAL
\060\020\003\014\060\020\001\136\124\124\003\002\001\002\002\003\001
\000\040\060\015\006\011\052\026\110\020\367\015\001\001\003\005
\000\060\076\061\013\060\011\006\003\012\050\004\006\023\002\0\0\120\114\114
\061\033\060\031\006\003\012\050\004\012\023\022\125\156\151\172\145\164
\164\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060\020
\020\006\003\012\050\004\003\023\011\103\145\162\164\165\155\040\031\013
\101\060\036\027\015\060\062\060\060\061\061\061\060\064\066\063
\071\132\027\015\062\067\060\066\061\061\060\064\066\063\071
Open Source Used In Intelligent Node Manager 3.X 3.3.0

### Certificate Policy

**Trust for Certificate "Certum Root CA"

**Issuer:** CN=Certum CA,O=Unizeto Sp. z o.o.,C=PL
# Serial Number: 65568 (0x10020)
# Subject: CN=Certum CA,O=Unizeto Sp. z o.o.,C=PL
# Not Valid Before: Tue Jun 11 10:46:39 2002
# Not Valid After : Fri Jun 11 10:46:39 2027

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\142\122\334\100\367\021\103\242\057\336\236\367\064\216\006\102
\121\261\201\030
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\054\217\237\146\035\030\220\261\107\046\235\216\020\214\251
END
CKA_ISSUER MULTILINE_OCTAL
\060\076\061\013\060\011\006\003\125\004\012\233\022\251\156\151\172\145\164
\157\040\123\160\056\040\172\040\157\056\157\056\061\022\060\020
\006\003\125\004\003\023\011\103\145\162\164\165\155\040\103\010
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Comodo AAA Services root"
#
# Issuer: CN=AAA Certificate Services,O=Comodo CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Serial Number: 1 (0x1)
# Subject: CN=AAA Certificate Services,O=Comodo CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Not Valid Before: Thu Jan 01 00:00:00 2004
# Not Valid After : Sun Dec 31 23:59:59 2028

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Comodo AAA Services root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
# Trust for Certificate "Comodo AAA Services root"
# Issuer: CN=AAA Certificate Services,O=Comodo CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Serial Number: 1 (0x1)
# Subject: CN=AAA Certificate Services,O=Comodo CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Not Valid Before: Thu Jan 01 00:00:00 2004
# Not Valid After : Sun Dec 31 23:59:59 2028

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Comodo AAA Services root"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\321\353\043\244\155\027\326\217\331\045\144\302\361\140\027\144\330\343\111

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\111\171\004\260\353\047\023\125\107\260\021\121\233\164\320

CKA_ISSUER MULTILINE_OCTAL
\060\173\061\101\060\003\125\004\006\023\002\107\102\061\033\060\031\006\003\125\004\010\014\022\107\162\145\141\164\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060\016\006\003\125\004\007\014\007\123\141\154\146\157\162\144\061\032\060\030\006\003\125\004\012\014\021\103\157\155\157\144\157\040\103\101\040\114\151\155\151\164\145\144\061\041\060\037\006\003\125\004\003\140\030\101\101\101\040\103\145\162\164\151\146\151\143\141\164\145\040\123\145\162\166\151\143\145\163

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "QuoVadis Root CA 2"
# Issuer: CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM
# Serial Number: 1289 (0x509)
# Subject: CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM
# Not Valid Before: Fri Nov 24 18:27:00 2006
# Not Valid After : Mon Nov 24 18:23:33 2031
<table>
<thead>
<tr>
<th>Attribute</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>CKA_CLASS</td>
<td>CK_OBJECT_CLASS</td>
</tr>
<tr>
<td>CKA_BBOOL</td>
<td>CK_TRUE</td>
</tr>
<tr>
<td>CKA_PRIVATE</td>
<td>CK_FALSE</td>
</tr>
<tr>
<td>CKA_MODIFIABLE</td>
<td>CK_FALSE</td>
</tr>
<tr>
<td>CKA_LABEL</td>
<td>UTF8 &quot;QuoVadis Root CA 2&quot;</td>
</tr>
<tr>
<td>CKA_CERTIFICATE_TYPE</td>
<td>CK_CERTIFICATE_TYPE</td>
</tr>
<tr>
<td>CKA_SUBJECT</td>
<td>MULTILINE_OCTAL</td>
</tr>
<tr>
<td>CKA_ID</td>
<td>UTF8 &quot;0&quot;</td>
</tr>
<tr>
<td>CKA_ISSUER</td>
<td>MULTILINE_OCTAL</td>
</tr>
<tr>
<td>CKA_SERIAL_NUMBER</td>
<td>MULTILINE_OCTAL</td>
</tr>
<tr>
<td>CKA_VALUE</td>
<td>MULTILINE_OCTAL</td>
</tr>
</tbody>
</table>
# Trust for Certificate "QuoVadis Root CA 2"
# Issuer: CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM
# Serial Number: 1289 (0x509)
# Subject: CN=QuoVadis Root CA 2,O=QuoVadis Limited,C=BM
# Not Valid Before: Fri Nov 24 18:27:00 2006
# Not Valid After : Mon Nov 24 18:23:33 2031
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 2"
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 2"
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 2"
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 2"
# Certificate "QuoVadis Root CA 3"

# Issuer: CN=QuoVadis Root CA 3,O=QuoVadis Limited,C=BM
# Serial Number: 1478 (0x5c6)
# Subject: CN=QuoVadis Root CA 3,O=QuoVadis Limited,C=BM
# Not Valid After : Mon Nov 24 19:06:44 2031

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 3"

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 3"

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 3"

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 3"
# Trust for Certificate "QuoVadis Root CA 3"

# Issuer: CN=QuoVadis Root CA 3,O=QuoVadis Limited,C=BM
# Serial Number: 1478 (0x5c6)
# Subject: CN=QuoVadis Root CA 3,O=QuoVadis Limited,C=BM
# Not Valid After : Mon Nov 24 19:06:44 2031

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 3"
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

END
Open Source Used In Intelligent Node Manager 3.X 3.3.0 3551

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Security Communication Root CA"
#
# Issuer: OU=Security Communication RootCA1,O=SECOM Trust.net,C=JP
# Serial Number: 0 (0x0)
# Subject: OU=Security Communication RootCA1,O=SECOM Trust.net,C=JP
# Not Valid Before: Tue Sep 30 04:20:49 2003
# Not Valid After : Sat Sep 30 04:20:49 2023

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Security Communication Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

END

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

END

CKA_VALUE MULTILINE_OCTAL

END
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "Security Communication Root CA"
# Issuer: OU=Security Communication RootCA1,O=SECOM Trust.net,C=JP
# Serial Number: 0 (0x0)
# Subject: OU=Security Communication RootCA1,O=SECOM Trust.net,C=JP
# Not Valid Before: Tue Sep 30 04:20:49 2003
# Not Valid After : Sat Sep 30 04:20:49 2023
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Security Communication Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\066\261\053\111\371\201\236\327\114\236\274\070\017\306\126\217\135\254\262\367
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\361\274\143\152\124\340\265\047\365\315\347\032\343\115\156\112
END
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\112\120\061\030\060\026\006\003\125\004\012\023\017\123\105\103\117\115\040\124\162\165\163\164\056\156\145\164\061\104\070\045\006\003\125\004\032\023\013\145\143\165\162\151\164\171\040\103\157\155\155\165\156\151\143\141\164\151\157\156\040\122\157\157\164\103\101\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Camerfirma Chambers of Commerce Root"
# Issuer: CN=Chambers of Commerce Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF A82743287,C=EU
# Serial Number: 0 (0x0)
# Subject: CN=Chambers of Commerce Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF
A82743287,C=EU
# Not Valid Before: Tue Sep 30 16:13:43 2003
# Not Valid After : Wed Sep 30 16:13:44 2037
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Camerfirma Chambers of Commerce Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004
\013\023\032\150\164\164\160\072\057\057\167\167\167\167\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060
\040\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163
\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157
\164
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155
\145\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004
\013\023\032\150\164\164\160\072\057\057\167\167\167\167\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060
\040\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163
\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157
\164
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000

END

CKA_VALUE MULTILINE_OCTAL
\060\202\004\275\060\202\003\025\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\026\063\015\001\001\005\005\000\060
\177\061\013\060\011\006\003\125\004\006\023\002\105\125\061\047
\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155\145
\162\146\151\162\155\141\040\123\101\040\103\111\106\040\101
\070\062\067\064\063\062\070\067\061\043\060\041\006\003\125\004
\013\023\032\150\164\164\160\072\057\057\167\167\167\167\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060
\040\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163
\040\157\146\040\103\157\155\155\145\162\143\145\040\122\157\157
\164
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
# For Email Distrust After: Mon Mar 01 00:00:00 2021
CKA_NSS_EMAIL_DISTRUST_AFTER MULTILINE_OCTAL
\062\061\060\063\060\061\060\060\060\060\060\060\132
END

# Trust for Certificate "Camerfirma Chambers of Commerce Root"
# Issuer: CN=Chambers of Commerce Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF A82743287,C=EU
# Serial Number: 0 (0x0)
# Subject: CN=Chambers of Commerce Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF A82743287,C=EU
# Not Valid Before: Tue Sep 30 16:13:43 2003
# Not Valid After : Wed Sep 30 16:13:44 2037
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Camerfirma Chambers of Commerce Root"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\156\072\125\244\031\014\031\134\223\204\074\300\333\162\056\061
\060\141\360\261
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\260\001\135\024\331\257\051\030\224\166\216\361\151\063\052\204

------------------------------------------------------------------------
END

CKA_ISSUER MULTILINE_OCTAL
\060\077\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155
\145\162\146\151\162\155\141\040\123\101\104\010\111\106\040\101
\070\062\067\064\063\062\070\067\061\043\060\041\066\003\125\004
\013\023\032\150\164\164\160\072\057\057\167\167\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060
\040\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163
\040\157\146\040\103\157\155\145\162\143\145\040\122\157\157
\164
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Camerfirma Global Chambersign Root"
#
# Issuer: CN=Global Chambersign Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF
# A82743287,C=EU
# Serial Number: 0 (0x0)
# Subject: CN=Global Chambersign Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF
# A82743287,C=EU
# Not Valid Before: Tue Sep 30 16:14:18 2003
# Not Valid After : Wed Sep 30 16:14:18 2037
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Camerfirma Global Chambersign Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\075\061\013\060\011\006\003\125\004\006\023\002\105\125\061
\047\060\045\006\003\125\004\012\023\036\101\103\040\103\141\155
\145\162\146\151\162\155\141\040\123\101\104\010\111\106\040\101
\070\062\067\064\063\062\070\067\061\043\060\041\066\003\125\004
\013\023\032\150\164\164\160\072\057\057\167\167\056\143\150
\141\155\142\145\162\163\151\147\156\056\157\162\147\061\042\060
\040\006\003\125\004\003\023\031\103\150\141\155\142\145\162\163
\040\157\146\040\103\157\155\145\162\143\145\040\122\157\157
END
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE

# For Email Distrust After: Mon Mar 01 00:00:00 2021
# Trust for Certificate "Camerfirma Global Chambersign Root"
# Issuer: CN=Global Chambersign Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF A82743287,C=EU
# Serial Number: 0 (0x0)
# Subject: CN=Global Chambersign Root,OU=http://www.chambersign.org,O=AC Camerfirma SA CIF A82743287,C=EU
# Not Valid Before: Tue Sep 30 16:14:18 2003
# Not Valid After: Wed Sep 30 16:14:18 2037
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Camerfirma Global Chambersign Root"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL \
\063\233\153\024\120\044\233\125\172\001\207\162\204\331\340\057\303\322\330\351 END

CKA_CERT_MD5_HASH MULTILINE_OCTAL \
\305\346\173\277\006\320\117\103\355\304\172\145\212\373\153\031 END
CKA_ISSUER MULTILINE_OCTAL \
\060\175\061\103\060\011\006\020\125\004\006\023\002\105\125\061 \n\047\060\025\006\033\125\004\012\023\036\010\103\040\103\143\155 \n\145\162\146\151\162\155\14\140\123\101\104\103\111\106\040\010 \n\070\062\067\063\060\027\067\061\043\060\041\006\003\125\004 \n\013\023\032\150\164\164\160\072\057\057\167\167\056\143\150 \n\141\155\142\145\162\163\151\147\156\056\157\162\147\061\040\060 \n\036\006\003\125\004\003\023\027\017\154\157\142\141\154\040\010 \n\150\141\155\142\145\162\163\151\147\156\040\122\157\157\164 END
CKA_SERIAL_NUMBER MULTILINE_OCTAL \
\002\001\000 END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "XRamp Global CA Root"
#
# Issuer: CN=XRamp Global Certification Authority,O=XRamp Security Services
\275\267\110\343\020\366\015\337\077\322\311\266\252\125\244\110
\272\002\333\336\131\056\025\133\073\235\026\175\017\327\067\352
\137\115\166\022\066\273\037\327\241\210\004\106\040\024\333\054\155
\251\236\000\176\077\051\316\000\223\337\375\131\122\163\211\121
\144\236\347\053\344\034\221\054\322\271\131\175\316\157\061\123\1
\323\346\276\322\036\220\360\011\171\114\043\221\054\322\271\131\175\316\157\061\123\1
\041\037\115\231\171\235\341\317\047\237\020\233\034\210\015\260
\212\144\101\061\270\016\154\220\044\244\233\134\161\217\272\273
\176\034\033\333\152\200\170\241\173\351\133\246\267\100\364\262
\213\251\261\344\357\232\032\320\075\121\123\135\250\050\243\341
\074\263\360\262\021\123\317\174\100\346\335\347\103\175\242\330
\072\226\51\125\153\064\231\134\240\020\341\066\375\101\204\020
\073\45\304\114\364\354\047\174\102\302\164\174\202\121\011\311
\264\003\045\274
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "XRamp Global CA Root"
# Issuer: CN=XRamp Global Certification Authority,O=XRamp Security Services
Inc,OU=www.xrampsecurity.com,C=US
# Subject: CN=XRamp Global Certification Authority,O=XRamp Security Services
Inc,OU=www.xrampsecurity.com,C=US
# Not Valid Before: Mon Nov 01 17:14:04 2004
# Not Valid After : Mon Jan 01 05:37:19 2035
# Fingerprint (MD5): A1:0B:44:B3:CA:10:D8:00:6E:9D:0F:D8:0F:92:0A:D1
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "XRamp Global CA Root"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\270\001\206\321\135\234\206\245\101\004\317\060\124\363\114\122
\267\345\130\306
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\241\013\104\263\312\020\330\000\156\235\017\330\017\222\012\321
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\206\013\060\011\006\003\125\004\006\023\002\125\123
\061\036\060\034\006\003\125\004\013\023\025\167\167\167\056\170
\162\141\155\160\163\145\143\165\151\164\171\056\143\157\155
\061\140\046\006\033\125\004\012\023\033\130\122\141\155\160
\140\013\145\143\165\162\151\164\171\040\123\145\162\166\151\143
\145\163\040\111\156\143\061\055\006\053\006\003\125\004\003\023
# Certificate "Go Daddy Class 2 CA"

# Issuer: OU=Go Daddy Class 2 Certification Authority,O="The Go Daddy Group, Inc.".,C=US
# Serial Number: 0 (0x0)
# Subject: OU=Go Daddy Class 2 Certification Authority,O="The Go Daddy Group, Inc.".,C=US
# Not Valid Before: Tue Jun 29 17:06:20 2004
# Not Valid After : Thu Jun 29 17:06:20 2034
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Go Daddy Class 2 CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\044\130\012\141\013\155\160\040\010\154\157\142\141\154\040\010\153\145
\162\164\151\146\151\143\141\164\151\157\156\040\010\165\164\150
\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\044\130\012\141\013\060\001\006\003\125\004\006\023\002\125\123\061
\041\060\037\006\003\125\004\012\023\030\124\150\145\040\107\157
\040\104\141\144\140\144\171\104\107\162\157\165\160\054\040\111\156
\143\056\061\060\057\006\003\125\004\013\023\050\107\157\040
\041\141\144\141\171\040\103\154\141\163\163\040\062\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\010\165\164\150
\157\162\151\164\171
END
# Trust for Certificate "Go Daddy Class 2 CA"

Issuer: OU=Go Daddy Class 2 Certification Authority,O="The Go Daddy Group, Inc.",C=US

Serial Number: 0 (0x0)

Not Valid Before: Tue Jun 29 17:06:20 2004

Not Valid After : Thu Jun 29 17:06:20 2034


CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Go Daddy Class 2 CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\047\226\272\346\077\030\001\342\167\046\033\240\327\167\160\002
\217\040\356\344
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\221\136\006\045\153\332\375\062\052\047\046\161\001\342\141\021
\164\123\377\127\032\207\017\165\110\056\317\121\151\027\240\002
\022\11\225\235\323\321\100\262\020\114\356\304\254\020\103\246\245
\236\012\325\225\142\232\021\517\210\202\305\062\014\344\053\323
\105\346\015\237\050\234\261\271\052\132\127\255\067\017\257\035
\177\333\275\255
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Open Source Used In Intelligent Node Manager 3.X 3.3.0

END
# Certificate "Starfield Class 2 CA"

# Issuer: OU=Starfield Class 2 Certification Authority,O="Starfield Technologies, Inc." ,C=US
# Serial Number: 0 (0x0)
# Subject: OU=Starfield Class 2 Certification Authority,O="Starfield Technologies, Inc." ,C=US
# Not Valid Before: Tue Jun 29 17:39:16 2004
# Not Valid After: Thu Jun 29 17:39:16 2034

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Class 2 CA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

END

CKA_ID UTF8 "0"

CKA_ISSUER Multiline Octal

END

CKA_SERIAL_NUMBER Multiline Octal

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
# Trust for Certificate "Starfield Class 2 CA"
# Issuer: OU=Starfield Class 2 Certification Authority,O="Starfield Technologies, Inc.",C=US
# Serial Number: 0 (0x0)
# Subject: OU=Starfield Class 2 Certification Authority,O="Starfield Technologies, Inc.",C=US
# Not Valid Before: Tue Jun 29 17:39:16 2004
# Not Valid After : Thu Jun 29 17:39:16 2034

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Starfield Class 2 CA"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\255\176\034\050\260\144\357\217\140\003\100\040\024\303\320\343

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\062\112\113\273\310\143\151\233\276\164\232\306\335\035\106\044
# Certificate "DigiCert Assured ID Root CA"
#
# Issuer: CN=DigiCert Assured ID Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:0c:e7:e0:e5:17:d8:4f:fe:8e:50:fe:1b:f0:30:39
# Subject: CN=DigiCert Assured ID Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Fri Nov 10 00:00:00 2006
# Not Valid After : Mon Nov 10 00:00:00 2031

CKA_CLASS CK_OBJECT_CLASS CK_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Assured ID Root CA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
020167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
155\061\044\060\042\006\003\1\25\040\033\023\033\104\151\147\151
103\145\162\164\040\011\163\163\165\162\145\144\040\111\104\040
122\157\157\164\040\103\101
END

CKA_VALUE MULTILINE_OCTAL
060\02\00\03\267\060\12\237\240\003\002\001\002\002\020\014
347\340\345\027\330\106\376\217\345\140\374\033\360
015\060\11\052\02\061\11\02\063\176\171\150\01\005\005\005\000\060\145
061\01\03\060\01\11\060\003\12\5\004\006\023\002\12\5\123\061\025\060
023\006\003\12\5\004\012\02\03\1\041\01\145\171\151\103\145\162\164
040\11\1\156\143\061\03\060\027\006\003\12\5\004\013\02\03\20\167
167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061
04\40\060\04\060\003\12\5\004\003\023\033\104\151\147\151\103\145
162\164\040\101\1\163\163\165\162\145\144\040\111\104\040\122\157
157\164\040\103\101\106\036\027\015\060\060\060\061\161\060\060
060\060\060\060\132\02\07\01\15\063\01\161\060\060\060
060\060\060\060\01\013\060\146\061\136\01\135\005\000\03
023\002\012\123\066\025\060\023\006\003\12\5\004\012\02\03\1\041\010
151\147\151\103\145\162\164\040\011\156\143\060\103\106\000\07\006
003\12\5\004\013\02\03\20\167\167\167\056\144\151\147\151\103\145
162\164\056\143\157\155\061\04\40\060\04\02\03\12\5\004\003\023\033\104
033\101\145\157\151\103\145\162\164\040\101\163\163\165\162\145
04\40\04\11\104\040\122\157\157\164\040\103\101\106\020\020\001\042
060\01\050\060\01\11\15\001\01\01\11\005\000\03
20\02\00\01\17\000\060\020\001\01\12\002\02\02\001\001\000\255\161\025
316\344\103\02\00\13\143\261\01\207\362\267\140\371\161\01\22\24\5\063\334
04\6\2\4\12\01\2\52\2\364\316\365\040\071\050\13\1\1\1\004\01\370\200\0332
25\10\25\22\25\062\14\074\265\261\050\204\212\21\2\3\3\3\237\012\014
20\30\27\17\22\17\22\20\25\212\347\171\123\134\061\02\04\052\366\017
123\00\066\161\34\133\363\335\074\25\024\235\152\373\04\1\362\122
141\133\377\040\32\273\037\342\261\131\367\030\144\322\022\133\137
311\1\30\03\065\274\107\151\241\016\371\151\177\324\260\070\076
301\033\303\21\4\063\331\13\3\057\03\036\050\01\17\263\247\203\326
303\156\104\300\14\1\065\226\02\063\276\31\12\24\1\31\166\155\3273\61
242\11\1\15\053\377\01\13\62\323\236\140\32\216\22\20\065\036\170
125\20\0\40\241\13\7\345\155\012\3\10\11\1\174\061\12\3\063\154\042
351\2\7\32\0\62\132\242\272\02\02\02\13\355\071\02\235\213\072
162\241\346\372\244\331\32\257\061\165\256\205\175\042\256\077
001\1\0\61\266\050\171\1\3\10\2\161\332\344\122\273\04\1\176\034\016
260\264\22\24\061\262\363\275\262\227\355\252\247\360\267\305\250
077\22\02\63\230\377\241\226\353\101\137\030\167\117\002\003\001
000\000\12\43\1\43\060\14\1\060\01\060\030\12\5\35\01\17\001\003\177
004\004\003\002\001\12\060\060\01\17\006\003\12\5\35\023\001\001\1377
# Trust for Certificate "DigiCert Assured ID Root CA"
# Issuer: CN=DigiCert Assured ID Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Serial Number:0c:e7:e0:e5:17:d8:6f:ce:8f:e5:60:fc:1b:f0:30:39
# Subject: CN=DigiCert Assured ID Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Fri Nov 10 00:00:00 2006
# Not Valid After : Mon Nov 10 00:00:00 2031
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Assured ID Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\005\143\270\143\015\142\327\132\273\310\253\036\113\337\265\250\231\262\115\103
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\207\316\013\173\052\016\111\000\341\130\161\233\067\250\223\162
END
CKA_ISSUER MULTILINE_OCTAL

\060\045\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\166\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\014\347\340\345\027\330\106\137\17\134\51\140\374\033\360
\060\071
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
#
# Certificate "DigiCert Global Root CA"
#
# Issuer: CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Subject: CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Fri Nov 10 00:00:00 2006
# Not Valid After : Mon Nov 10 00:00:00 2031
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\141\061\013\060\001\100\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\001\100\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157

Open Source Used in Intelligent Node Manager 3.X 3.3.0 3573
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "DigiCert Global Root CA"
# Issuer: CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Subject: CN=DigiCert Global Root CA,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Fri Nov 10 00:00:00 2006
# Not Valid After : Mon Nov 10 00:00:00 2031

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "DigiCert Global Root CA"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\250\230\135\072\145\345\345\304\262\327\326\155\100\306\335\057\n\261\124\066

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\171\344\251\204\015\175\072\226\327\300\117\342\103\114\211\056

END

CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061

The certificate is a root certificate, and its subject and issuer are the same. It is a trusted certificate that can be used for various cryptographic purposes.

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Open Source Used In Intelligent Node Manager 3.X 3.3.0 3576
END
CKA_NSS_MOZILLA_CA_POLICIES CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert High Assurance EV Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\137\267\356\006\063\342\131\333\255\014\114\232\346\323\205\203\305\300\145\111\212
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\324\164\336\127\134\071\262\323\234\205\203\305\300\145\111\212
CKA_ISSUER MULTILINE_OCTAL
\060\154\061\013\060\011\006\003\125\004\006\023\002\125\123061
# Certificate "SwissSign Platinum CA - G2"

# Issuer: CN=SwissSign Platinum CA - G2,O=SwissSign AG,C=CH
# Serial Number:e4:b2:00:67:0c:03:5d:4f
# Subject: CN=SwissSign Platinum CA - G2,O=SwissSign AG,C=CH
# Not Valid Before: Wed Oct 25 08:36:00 2006
# Not Valid After: Sat Oct 25 08:36:00 2036

Open Source Used In Intelligent Node Manager 3.X 3.3.0  3579
# Trust for Certificate "SwissSign Platinum CA - G2"
# Issuer: CN=SwissSign Platinum CA - G2,O=SwissSign AG,C=CH
# Serial Number:4e:b2:00:67:0c:03:5d:4f
# Subject: CN=SwissSign Platinum CA - G2,O=SwissSign AG,C=CH
# Not Valid Before: Wed Oct 25 08:36:00 2006
# Not Valid After : Sat Oct 25 08:36:00 2036

# Certificate "SwissSign Gold CA - G2"
# Issuer: CN=SwissSign Gold CA - G2,O=SwissSign AG,C=CH
# Serial Number:00:bb:40:1c:43:f5:5e:4f:b0
# Subject: CN=SwissSign Gold CA - G2,O=SwissSign AG,C=CH
# Not Valid After : Sat Oct 25 08:30:35 2036

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Gold CA - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
01050601030600010100050003125004000401230014123167115116311631123
151147151560401070611037060035000603125004003023
026123167115116311631123151147156040107157154144040
1031010400550400107062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
01050601030600010100050003125004000401230014123167115116311631123
151147151560401011070611037060035000603125004003023
026123167115116311631123151147156040107157154144040
1031010400550400107062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
00210110002731100034103365136117260
END
CKA_VALUE MULTILINE_OCTAL
002002000052720601020202003242240003001203001202002011000
2371000341033651361172601050060110522061160206
367015001011105005000601052206110522061160206
004006020210031100601250060202300603125004012023
01051231671151163116311231511471560401011070611037060
03500603125004003023206123167115116311631123151147
156040107157154144040103110104005504010706206036
0270150606060601606062065600607006006063651320227
015063060606062065600607006306063651320600105
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0230060031250041023014123167115116311631123151147
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167115116311631123151147156040107157154144040103110
0400550401070620600202000242060105006011052206110522061110
026367015001011105005000601052206110522061160206
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120055026110407322222213431270135204222102023052
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00002431107307006247204043035327327322605311711250314
1213301127037016142145101335507511261212631332256117
# Trust for Certificate "SwissSign Gold CA - G2"
# Issuer: CN=SwissSign Gold CA - G2,O=SwissSign AG,C=CH
# Serial Number:00:bb:40:1c:43:f5:5e:4f:b0
# Subject: CN=SwissSign Gold CA - G2,O=SwissSign AG,C=CH
# Not Valid After : Sat Oct 25 08:30:35 2036

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SwissSign Gold CA - G2"

END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
CA_KA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CA_KA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CA_KA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for certificate "SwissSign Silver CA - G2"
# Issuer: CN=SwissSign Silver CA - G2,O=SwissSign AG,C=CH
# Serial Number: 4f:1b:d4:2f:54:bb:2f:4b
# Subject: CN=SwissSign Silver CA - G2,O=SwissSign AG,C=CH
# Not Valid After: Sat Oct 25 08:32:46 2036
CA_KA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CA_KA_TOKEN CK_BBOOL CK_TRUE
CA_KA_PRIVATE CK_BBOOL CK_FALSE
CA_KA_MODIFIABLE CK_BBOOL CK_FALSE
CA_KA_LABEL UTF8 "SwissSign Silver CA - G2"
CA_KA_CERT_SHA1_HASH MULTILINE_OCTAL
\233\252\345\237\126\356\041\313\103\132\276\045\223\337\247\360\100\321\035\313
END
CA_KA_CERT_MD5_HASH MULTILINE_OCTAL
\340\006\241\311\175\317\311\374\015\300\126\165\226\330\142\023
END
CA_KA_ISSUER MULTILINE_OCTAL
\060\107\060\100\110\060\003\125\004\006\023\002\103\110\061\025\060\023\006\003\125\004\012\023\014\123\167\151\163\163\123\151\147\156\040\101\107\061\041\060\037\006\003\125\004\003\023
\030\123\167\151\163\163\123\151\147\156\040\123\151\154\166\145\162\040\103\101\040\055\040\107\062
END
CA_KA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\117\033\324\057\124\273\057\113
END
CA_KA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CA_KA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CA_KA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CA_KA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "SecureTrust CA"
#
# Issuer: CN=SecureTrust CA,O=SecureTrust Corporation,C=US
# Serial Number: 0c:f0:8e:5c:08:16:a5:ad:42:7f:f0:eb:27:18:59:d0
# Subject: CN=SecureTrust CA,O=SecureTrust Corporation,C=US
# Not Valid Before: Tue Nov 07 19:31:18 2006
# Not Valid After: Mon Dec 31 19:40:55 2029

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>CKA_CLASS</td>
<td>CK_OBJECT_CLASS CKO_CERTIFICATE</td>
</tr>
<tr>
<td>CKA_TOKEN</td>
<td>CK_BBOOL CK_TRUE</td>
</tr>
<tr>
<td>CKA_PRIVATE</td>
<td>CK_BBOOL CK_FALSE</td>
</tr>
<tr>
<td>CKA_MODIFIABLE</td>
<td>CK_BBOOL CK_FALSE</td>
</tr>
<tr>
<td>CKA_LABEL</td>
<td>UTF8 &quot;SecureTrust CA&quot;</td>
</tr>
<tr>
<td>CKA_CERTIFICATE_TYPE</td>
<td>CK_CERTIFICATE_TYPE CKC_X_509</td>
</tr>
<tr>
<td>CKA_SUBJECT</td>
<td>MULTILINE_OCTAL</td>
</tr>
<tr>
<td>CKA_ID</td>
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</tr>
<tr>
<td>CKA_ISSUER</td>
<td>MULTILINE_OCTAL</td>
</tr>
<tr>
<td>CKA_SERIAL_NUMBER</td>
<td>MULTILINE_OCTAL</td>
</tr>
<tr>
<td>CKA_VALUE</td>
<td>MULTILINE_OCTAL</td>
</tr>
</tbody>
</table>

END
"22003035003357115501514703412732700062255312310365
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\12620404630432033430011573373362403022210262040144
\0211013104274036366636737214333361462541662441611243
\35406602241501721672442613470160572011172342265162
\206335724215321336001733322311310772272162274104044
\2343431632633672571270571020462352511642720001122
\3621133151123174107013066205016146251101227026064
\127301146367200043335516011243072233400560500251131
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\00601110530060110040011202067240020040060360104000
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\26224200050242561113072151010007022163224176014043
\04113752749020177140020132162365230161254354271177
\33517215713533230343643772100051511022510051613130
\2672540463505056264214152377161133432702611337231274
\17404112405334411330242723127051256236251243031046
\01723105601026035737511511723110320112153432742732
\05331106606417304426311701114225072244006406406266
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\1003741201035126213177341160364067167375306062332
\0552361040606060154356007336332206437433223771100366
\113364146106006012424636206201214304606015333321
\33342131072234214713325142320422420364147005170051
\1430321570043263703061142432326210672624125345050
\1130352360543022701501274355002356061
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "SecureTrust CA"
# Issuer: CN=SecureTrust CA,O=SecureTrust Corporation,C=US
# Serial Number:0c:f0:8e:5c:08:16:a5:ad:42:7f:00:eb:27:18:59:d0
# Subject: CN=SecureTrust CA,O=SecureTrust Corporation,C=US
Open Source Used In Intelligent Node Manager 3.X 3.3.0 3592

# Not Valid Before: Tue Nov 07 19:31:18 2006
# Not Valid After : Mon Dec 31 19:40:55 2029
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SecureTrust CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\207\202\306\303\004\065\073\317\322\226\222\322\131\076\175\104
\331\064\377\021
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\334\062\303\247\155\045\127\307\150\011\235\352\055\251\242\321
END
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145
\124\162\165\163\164\040\033\157\162\160\157\162\141\164\141\151\157
\156\061\027\060\025\006\003\125\004\003\023\016\123\145\143\165
\162\145\124\162\165\163\164\040\033\103
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\014\360\216\134\010\026\245\255\102\177\360\353\047\030
\131\320
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# # Certificate "Secure Global CA"
# # Issuer: CN=Secure Global CA,O=SecureTrust Corporation,C=US
# # Subject: CN=Secure Global CA,O=SecureTrust Corporation,C=US
# # Not Valid Before: Tue Nov 07 19:42:28 2006
# # Not Valid After : Mon Dec 31 19:52:06 2029
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Secure Global CA"
CKA_CERTIFICATE_TYPE CKCERTIFICATE_TYPE CKC_X_509

End
\065\063\372\113\245\004\006\025\034\061\200\357\252\030\153\302
\173\327\332\316\371\063\040\325\365\275\152\063\055\201\004\373
\260\134\324\234\243\244\321\034\035\323\251\102\165\136\173\324\167
\357\071\124\272\311\012\030\033\022\231\111\057\210\113\375\120
\142\321\163\347\217\172\103\002\030\001\000\0124\201\123\5060
\20\123\060\023\000\061\105\300\060\110\004\012\020\067\024\002\004
\006\036\000\04\000\103\000\01\0160\013\006\033\125\035\017\004\004
\003\002\000\102\066\060\017\000\006\031\125\035\203\010\011\377\004\005
\060\003\000\010\137\060\035\006\003\125\035\016\004\026\004\024
\257\104\004\030\210\111\171\110\020\333\116\071\000\235\354\204\172
\346\316\311\244\060\064\004\006\003\125\035\203\030\055\060\005\033\060
\051\124\047\240\045\206\043\150\164\164\160\072\057\057\143\162
\154\056\163\145\143\165\164\161\165\163\164\056\143\157
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\052\106\110\206\036\015\000\101\000\050\005\000\003\202\000\1001\000
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\121\105\000\035\057\030\017\43\013\034\257\152\130\223\024\140\221\262
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\111\07\151\114\166\147\113\331\007\014\346\002\367\265\341\264
\103\265\113\055\024\023\375\133\048\016\257\247\107\164\006\330
\210\132\210\072\051\060\020\343\132\222\071\200\142\033\250\307\127\111
\274\152\125\114\072\025\112\276\065\007\344\325\165\230\067\171
\060\024\333\051\123\54\030\151\134\107\125\242\060\367\314\134
\177\302\303\230\034\153\116\026\200\035\317\170\145\105\242\000
\03\225\014\19\152\215\144\064\110\270\222\271\361\264\120\005\132
\11\004\037\332\154\254\037\104\341\335\043\170\121\113\307\026
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for Certicate "Secure Global CA"
# Issuer: CN=Secure Global CA,O=SecureTrust Corporation,C=US
# Subject: CN=Secure Global CA,O=SecureTrust Corporation,C=US
# Not Valid Before: Tue Nov 07 19:42:28 2006
# Not Valid After: Mon Dec 31 19:52:06 2029
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Secure Global CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\072\104\163\132\345\201\220\037\044\206\141\106\036\073\234\304
\137\365\072\033
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\317\364\047\015\324\355\334\145\026\111\155\075\332\277\156\336
END
CKA_ISSUER MULTILINE_OCTAL
\060\112\061\013\060\001\110\006\003\125\004\006\023\002\125\123\061
\040\060\036\006\003\125\004\012\023\027\123\145\143\165\162\145
\124\162\165\163\164\040\103\157\162\160\157\162\141\164\151\157
\156\061\031\060\027\006\003\125\004\003\023\020\123\145\143\165
\162\145\040\107\154\157\142\141\154\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\007\126\042\244\350\324\212\211\115\364\023\310\360\370
\352\245
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "COMODO Certification Authority"
#
# Issuer: CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Serial Number: 4e:81:2d:8a:82:65:e0:0b:02:ee:3e:35:02:46:ce5:3d
# Subject: CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Not Valid Before: Fri Dec 01 00:00:00 2006
# Not Valid After : Mon Dec 31 23:59:59 2029
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "COMODO Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\201\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\006\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\023\007\123\141\154\146\157\162\144\061

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3595
END

CKA_NSS_MOZZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "COMODO Certification Authority"
# Issuer: CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Serial Number:4e:81:2d:8a:82:65:e0:0b:02:ee:35:02:46:e5:3d
# Subject: CN=COMODO Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Not Valid Before: Fri Dec 01 00:00:00 2006
# Not Valid After : Mon Dec 31 23:59:59 2029

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "COMODO Certification Authority"

END

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\146\061\277\236\367\117\236\266\311\325\246\014\272\152\276\321\367\275\357\173
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\116\201\055\212\202\145\340\013\002\356\076\065\002\106\345\075
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Network Solutions Certificate Authority"
#
# Issuer: CN=Network Solutions Certificate Authority,O=Network Solutions L.L.C.,C=US
# Subject: CN=Network Solutions Certificate Authority,O=Network Solutions L.L.C.,C=US
# Not Valid Before: Fri Dec 01 00:00:00 2006
# Not Valid After : Mon Dec 31 23:59:59 2029
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Network Solutions Certificate Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\142\061\13\060\011\006\003\125\004\006\023\002\125\123\061
\041\060\037\006\003\125\004\012\023\030\116\145\164\167\157\162
\153\040\123\157\154\165\164\151\157\156\163\040\114\056\114\056
\103\056\060\106\060\056\006\003\125\004\003\023\047\116\145\164
\167\157\162\153\040\123\157\154\165\164\151\157\156\163\040\103
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157
\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\13\060\011\006\003\125\004\006\023\002\125\123\061
\041\060\037\006\003\125\004\012\023\030\116\145\164\167\157\162
\153\040\123\157\154\165\164\151\157\156\163\040\114\056\114\056
\103\056\060\106\060\056\006\003\125\004\003\023\047\116\145\164
\167\157\162\153\040\123\157\154\165\164\151\157\156\163\040\103
\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157
\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\127\313\063\157\302\134\026\346\107\026\027\343\220\061
\150\340
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\346\060\202\002\316\240\003\002\001\002\002\020\127
\313\063\157\302\134\026\346\107\026\027\343\220\061\150\340\060
\015\006\011\052\206\110\206\367\150\001\001\005\005\000\060\142
\061\13\060\011\006\003\125\004\006\023\002\125\123\061\041\060
\037\006\003\125\004\012\023\030\116\145\164\167\157\162\153\040
\123\157\154\165\164\151\157\156\163\040\114\056\114\056\103\056
\016\13\060\006\056\006\003\125\004\003\023\047\116\145\164\167\157
\162\153\040\123\157\154\165\164\151\157\156\163\040\103\145\162
\164\151\146\151\143\141\164\145\040\101\165\164\150\157
\162\151\164\171
END
Open Source Used In Intelligent Node Manager 3.X 3.3.0 3600
# Trust for Certificate "Network Solutions Certificate Authority"
# Issuer: CN=Network Solutions Certificate Authority,O=Network Solutions L.L.C.,C=US
# Subject: CN=Network Solutions Certificate Authority,O=Network Solutions L.L.C.,C=US
# Not Valid Before: Fri Dec 01 00:00:00 2006
# Not Valid After : Mon Dec 31 23:59:59 2029
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Network Solutions Certificate Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\164\370\243\303\357\347\263\006\113\203\220\074\041\144\140\040\345\337\316
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\323\363\246\026\300\372\153\261\055\226\115\016\021\056
END
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061\041\060\037\006\003\125\004\012\023\030\116\145\164\167\157\162\153\040\123\157\154\165\164\151\157\156\163\040\114\056\114\056
\103\056\061\060\006\005\006\003\125\004\003\023\047\116\145\164\167\157\162\156\163\040\103\145\162\164\151\146\151\143\141\164\150\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\127\313\063\157\032\134\026\346\107\026\027\343\220\006\150\340
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "COMODO ECC Certification Authority"
# Issuer: CN=COMODO ECC Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Subject: CN=COMODO ECC Certification Authority, O=COMODO CA Limited, L=Salford, ST=Greater Manchester, C=GB
# Not Valid Before: Thu Mar 06 00:00:00 2008
# Not Valid After: Mon Jan 18 23:59:59 2038
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "COMODO ECC Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\020\012\056\070\013\060\060\011\006\000\03\125\004\006\023\002\107\102
\061\033\060\031\006\000\03\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\120\000\060
\016\000\031\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\000\063\125\004\012\023\021\103\117\115\117\104\117
\040\013\101\104\014\114\151\155\151\164\145\144\061\105\033\060\051\006
\003\125\004\003\023\042\103\117\151\117\104\117\040\105\033\010
\040\103\145\162\164\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\020\012\056\070\013\060\060\011\006\000\03\125\004\006\023\002\107\102
\061\033\060\031\006\000\03\125\004\010\023\022\107\162\145\141\164
\145\162\040\115\141\156\143\150\145\163\164\145\162\061\120\000\060
\016\000\031\125\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\000\063\125\004\012\023\021\103\117\115\117\104\117
\040\013\101\104\014\114\151\155\151\164\145\144\061\105\033\060\051\006
\003\125\004\003\023\042\103\117\151\117\104\117\040\105\033\010
\040\103\145\162\164\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\037\107\257\252\142\000\160\120\124\114\001\123\133\143
\231\052
END
CKA_VALUE MULTILINE_OCTAL
\060\020\022\111\060\022\002\017\240\003\002\001\100\020\020\037
\107\257\252\142\000\160\120\124\114\001\123\133\143\105\200\60
\012\006\010\052\206\110\160\175\004\003\003\060\201\120\056\01\13
\060\011\006\03\125\004\006\023\002\107\102\061\033\060\000\03\006
\003\125\004\010\023\022\107\162\145\141\164\145\162\040\115\141
\156\143\150\145\163\164\145\162\061\120\060\016\006\003\125\004
\007\023\007\123\141\154\146\157\162\144\061\103\060\030\006\003
\125\004\012\023\021\103\117\115\117\104\117\040\103\101\040\114
\151\155\151\164\145\144\061\053\060\051\006\003\125\004\003\042
\103\117\115\117\104\117\040\105\103\103\040\103\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171\106\036\027\015\106\007\060\063\060\066\060\060\060
\060\060\060\013\022\07\156\370\060\061\070\062\063\065\071
\065\071\132\060\201\025\060\011\006\000\031\125\004\006\023
\002\017\102\061\033\060\031\006\003\125\004\010\023\022\107\162
\145\151\146\141\164\202\040\115\141\156\143\150\145\163\164\145\162
\061\102\060\016\000\063\125\004\007\023\007\123\141\154\146\157
\162\144\061\103\026\060\030\006\003\125\004\012\023\021\103\117\115
\117\104\117\040\103\104\011\141\155\151\164\145\144\060\053
\060\051\006\003\125\004\003\023\042\103\117\115\117\104\117\040
\105\103\103\040\103\145\162\164\151\165\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\060\166\060\020\006
\007\052\206\110\316\075\002\001\006\005\053\201\004\000\042\003
\142\000\004\003\010\173\057\165\311\202\025\205\373\165\344\221
\026\324\253\142\243\156\076\122\013\036\063\161\101\000\177\227\341
\012\044\074\035\001\000\043\156\075\322\215\011\227\014\340\165\344
\372\373\167\212\052\365\003\140\113\066\213\032\064\043\026\255\011
\161\364\112\364\050\120\264\376\210\034\156\177\154\057\057\011
\131\133\245\133\013\063\231\342\303\075\211\317\152\054\357\262
\323\006\352\243\102\060\100\006\035\006\033\125\035\016\004\026
\004\024\165\161\124\073\111\100\312\243\235\352\101\073\377\224
\304\110\167\231\323\217\060\166\006\033\125\035\017\000\010\137
\004\004\003\002\001\060\060\017\066\031\125\035\023\000\010\137
\004\004\003\002\001\010\137\377\060\120\060\105\052\206\110\316\075
\004\003\003\003\015\000\000\060\145\002\061\100\003\133\172\254
\267\170\012\162\267\210\337\377\265\106\024\011\012\372\240\346
\175\103\036\032\207\275\030\250\163\275\304\121\040\142\355\316
\231\123\317\134\017\060\341\276\024\013\152\002\060\024\364\223
\074\111\247\063\172\220\106\107\263\143\175\023\233\116\267\157
\030\067\200\123\376\135\040\340\065\232\066\321\307\000\127\113\346
\334\335\363\377\035\054\072\026\127\331\122\017\113\326
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "COMODO ECC Certification Authority"
# Issuer: CN=COMODO ECC Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Subject: CN=COMODO ECC Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Not Valid Before: Thu Mar 06 00:00:00 2008
# Not Valid After : Mon Jan 18 23:59:59 2038
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "COMODO ECC Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\237\164\116\237\053\115\272\354\017\061\054\120\266\126\073\216
\055\223\303\021
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\174\142\377\164\235\061\123\136\150\112\325\170\252\036\277\043
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\205\061\013\060\011\006\003\125\004\006\023\002\107\102
\061\033\060\031\066\003\125\004\010\023\022\107\162\145\141\164
\145\162\040\151\141\156\143\150\145\163\164\145\162\061\020\060
\016\006\003\125\004\007\237\000\123\141\154\146\157\162\144\061
\032\060\030\006\003\125\004\012\023\021\103\117\115\117\104\117
\040\103\101\040\14\151\155\151\164\145\144\061\053\060\051\006
\003\125\004\003\023\042\103\117\115\117\104\117\040\105\033\103
\040\103\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\037\107\257\252\142\000\160\120\124\114\001\236\233\143
\231\052
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "OISTE WISeKey Global Root GA CA"
# Issuer: CN=OISTE WISeKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c) 2005,O=WISeKey,C=CH
# Subject: CN=OISTE WISeKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c) 2005,O=WISeKey,C=CH
# Not Valid Before: Sun Dec 11 16:03:44 2005
# Not Valid After : Fri Dec 11 16:09:51 2037
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WiSeKey Global Root GA CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\x06\x00\x20\x12\x06\x11\x00\x01\x00\x00\x00\x03\x12\x50\x00\x04\x00\x06\x02\x03\x02\x01\x03\x10
\x06\x10\x02\x06\x00\x16\x00\x06\x00\x03\x12\x50\x00\x04\x00\x01\x20\x23\x07\x11\x11\x12\x14\x51
\x14\x51\x17\x06\x10\x03\x00\x06\x03\x12\x50\x00\x04\x00\x01\x20\x23\x07\x11\x11\x12\x14\x51
\x17\x11\x12\x15\x11\x14\x71\x50\x16\x40\x04\x05\x00\x13\x00\x06\x02\x06\x06\x06\x06\x05\x06
\x04\x20\x06\x00\x04\x00\x03\x12\x50\x00\x04\x01\x23\x03\x01\x17\x11\x11\x12\x14\x51
\x10\x61\x15\x16\x15\x61\x14\x41\x14\x16\x41\x15\x15\x15\x60\x04\x00\x10\x51\x15\x61\x14\x15\x16
\x16\x31\x14\x50\x06\x00\x04\x60\x60\x03\x12\x50\x00\x04\x00\x03\x23\x03\x07\x17\x11\x11
\x12\x31\x24\x10\x50\x04\x12\x71\x11\x12\x13\x14\x51\x11\x14\x51\x17\x01\x04\x01\x07\x15\x15\x14\x2
\x14\x11\x50\x04\x12\x22\x15\x17\x16\x40\x04\x07\x10\x01\x04\x03\x10
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\x06\x00\x20\x12\x06\x11\x00\x01\x00\x00\x00\x03\x12\x50\x00\x04\x00\x06\x02\x03\02\x01\x03\11
\x06\x10\x02\x06\x00\x16\x00\x06\00\x03\12\x50\x00\x04\x00\x01\x20\x23\x07\x11\x11\x12\x14\x51
\x14\x51\x17\x06\x10\x03\00\x06\00\x03\12\x50\x00\x04\x00\x01\x20\x23\x07\x11\x11\x12\x14\x51
\x17\x11\x12\x15\x11\x14\x71\x50\x16\x40\x04\x05\x00\x14\x00\x06\x02\x06\x06\x06\x06\x05\x06
\x04\x20\x06\x00\x04\x00\x03\12\x50\x00\x04\x01\x23\x03\x01\x17\x11\x11\x12\x14\x51
\x10\x61\x15\x16\x15\x61\x14\x41\x14\x16\x41\x15\x15\x15\x60\x04\x00\x10\x51\x15\x61\x14\x15\x16
\x16\x31\x14\x50\x06\x00\x04\x60\x60\x03\12\x50\x00\x04\x00\x03\23\x03\x07\x17\x11\x11
\x12\x31\x24\x10\x50\x04\x12\x71\x11\x12\x13\x14\x51\x11\x14\x51\x17\x01\x04\x01\x07\x15\x15\x14\x2
\x14\x11\x50\x04\x12\x22\x15\x17\x16\x40\x04\x07\x10\x01\x04\x03\10
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\x00\x20\x20\x10\x11\x07\x15\x62\x30\x73\x64\x15\x30\x37\x20\x11\x13\x17\x36\x13\x22\x05\x01
\x12
END
CKA_VALUE MULTILINE_OCTAL
\x06\x00\x20\x12\x06\x11\x00\x01\x00\x00\x00\x03\12\x50\x00\x04\x00\x06\x02\x03\02\x01\x03\10
\x06\x10\x02\x06\x00\x16\x00\x06\00\x03\12\x50\x00\x04\x00\x01\x20\x23\x07\x11\x11\x12\x14\x51
\x14\x51\x17\x06\x10\x03\00\x06\00\x03\12\x50\x00\x04\x00\x01\x20\x23\x07\x11\x11\x12\x14\x51
\x17\x11\x12\x15\x11\x14\x71\x50\x16\x40\x04\x05\x00\x14\x00\x06\x02\x06\x06\x06\x06\x05\x06
\x04\x20\x06\x00\x04\x00\x03\12\x50\x00\x04\x01\x23\x03\x01\x17\x11\x11\x12\x14\x51
\x10\x61\x15\x16\x15\x61\x14\x41\x14\x16\x41\x15\x15\x15\x60\x04\x00\x10\x51\x15\x61\x14\x15\x16
\x16\x31\x14\x50\x06\x00\x04\x60\x60\x03\12\x50\x00\x04\x00\x03\23\x03\x07\x17\x11\x11
\x12\x31\x24\x10\x50\x04\x12\x71\x11\x12\x13\x14\x51\x11\x14\x51\x17\x01\x04\x01\x07\x15\x15\x14\x2
\x14\x11\x50\x04\x12\x22\x15\x17\x16\x40\x04\x07\x10\x01\x04\x03\10
END
# Trust for Certificate "OISTE WiSeKey Global Root GA CA"
# Issuer: CN=OISTE WiSeKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c)
# 2005,O=WiSeKey,C=CH
# Subject: CN=OISTE WiSeKey Global Root GA CA,OU=OISTE Foundation Endorsed,OU=Copyright (c)
# 2005,O=WiSeKey,C=CH
# Not Valid Before: Sun Dec 11 16:03:44 2005
# Not Valid After : Fri Dec 11 16:09:51 2037

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WiSeKey Global Root GA CA"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\131\042\241\341\132\352\026\065\041\370\230\071\152\106\106\260
\104\033\017\251

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\274\154\121\063\247\351\132\156\146\143\124\025\162\033\041\222\223

CKA_ISSUER MULTILINE_OCTAL
\060\020\121\061\013\060\001\11\006\003\125\004\006\023\002\103\110
\061\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113
\145\171\061\033\060\031\006\003\125\004\013\023\022\103\157\160
\171\162\151\147\150\164\040\050\143\051\104\062\060\060\065\061
\042\060\040\060\003\125\004\013\023\031\117\111\123\124\105\040
\106\157\165\156\144\141\164\151\157\156\040\105\156\144\157\162
\163\145\144\061\050\060\046\060\003\125\004\003\023\037\117\111
\123\124\105\040\127\111\123\145\113\145\171\040\107\154\157\142
\141\154\040\122\157\157\164\040\107\101\040\103\101

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\101\075\162\307\364\153\037\201\103\175\361\322\050\124
\337\232

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Certigna"
<table>
<thead>
<tr>
<th>Key</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Issuer</td>
<td>CN=Certigna, O=Dhimyotis, C=FR</td>
</tr>
<tr>
<td>Serial Number</td>
<td>00:fe:dc:e3:01:0f:e9:48:ff</td>
</tr>
<tr>
<td>Subject</td>
<td>CN=Certigna, O=Dhimyotis, C=FR</td>
</tr>
<tr>
<td>Not Valid Before</td>
<td>Fri Jun 29 15:13:05 2007</td>
</tr>
<tr>
<td>Not Valid After</td>
<td>Tue Jun 29 15:13:05 2027</td>
</tr>
<tr>
<td>CKA_CLASS</td>
<td>CK_OBJECT_CLASS</td>
</tr>
<tr>
<td>CKA_TOKEN</td>
<td>CK_FALSE</td>
</tr>
<tr>
<td>CKA_PRIVATE</td>
<td>CK_FALSE</td>
</tr>
<tr>
<td>CKA_MODIFIABLE</td>
<td>CK_FALSE</td>
</tr>
<tr>
<td>CKA_LABEL</td>
<td>UTF8 &quot;Certigna&quot;</td>
</tr>
<tr>
<td>CKA_CERTIFICATE_TYPE</td>
<td>CK_CERTIFICATE_TYPE</td>
</tr>
<tr>
<td>CKA_SUBJECT</td>
<td>MULTILINE_OCTAL</td>
</tr>
<tr>
<td>CKA_SERIAL_NUMBER</td>
<td>MULTILINE_OCTAL</td>
</tr>
<tr>
<td>CKA_VALUE</td>
<td>MULTILINE_OCTAL</td>
</tr>
<tr>
<td>CKA_ID</td>
<td>UTF8 &quot;0&quot;</td>
</tr>
<tr>
<td>CKA_ISSUER</td>
<td>MULTILINE_OCTAL</td>
</tr>
<tr>
<td>CKA_SERIAL_NUMBER</td>
<td>MULTILINE_OCTAL</td>
</tr>
<tr>
<td>CKA_VALUE</td>
<td>MULTILINE_OCTAL</td>
</tr>
<tr>
<td>CKA_VALUE</td>
<td>MULTILINE_OCTAL</td>
</tr>
</tbody>
</table>
CKA_NSS_MOZILLA_CA_POLICY CK_BOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BOOL CK_FALSE

# Trust for Certificate "Certigna"
# Issuer: CN=Certigna,O=Dhimyotis,C=FR
# Serial Number:00:fe:dc:e3:01:0f:c9:48:ff
# Subject: CN=Certigna,O=Dhimyotis,C=FR
# Not Valid Before: Fri Jun 29 15:13:05 2007
# Not Valid After : Tue Jun 29 15:13:05 2027
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certigna"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\261\056\023\143\105\206\244\157\032\262\140\150\067\130\055\304
\254\375\224\227
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\253\127\246\133\175\102\220\031\126\330\130\046\050\136\375\377
END
CKA_ISSUER MULTILINE_OCTAL
\060\064\061\13\060\11\1006\003\125\004\006\023\002\1061\22061
\022\060\020\0006\003\125\004\012\014\011\104\015\115\117\1157
\164\151\163\061\021\060\017\006\003\125\004\003\014\010\103145
\162\164\151\147\156\141
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\376\334\343\001\017\311\110377
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "ePKI Root Certification Authority"
#
# Issuer: OU=ePKI Root Certification Authority,O="Chunghwa Telecom Co., Ltd.",C=TW
# Serial Number:15:c8:bd:65:47:5c:af:b8:97:00:5e:e4:06:d2:bc:9d
# Subject: OU=ePKI Root Certification Authority,O="Chunghwa Telecom Co., Ltd.",C=TW
# Not Valid Before: Mon Dec 20 02:31:27 2004
# Not Valid After : Wed Dec 20 02:31:27 2034
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ePKI Root Certification Authority"
\033\240\163\246\330\370\156\340\063\004\137\150\252\047\207\355
\331\130\220\234\355\275\343\152\065\257\143\337\253\030\331\272
\346\351\112\352\201\210\12\14\22\30\036\055\031\342\060\224
\065\222\135\016\266\007\275\031\200\217\107\220\121\11\056\115
\335\205\342\220\012\12\012\027\232\374\032\260\120\002\345\001
\243\143\067\041\114\104\304\233\12\231\102\101\163\234\006\217
\12\056\247\051\136\104\071\207\126\055\067\275\205\104\224\341
\014\113\054\234\303\222\020\064\141\131\017\270\233\112\031\122
\376\064\072\175\270\351\105\133\160\251\131\060\370\024\161\1200
\306\036\066\110\164\042\101\134\027\202\350\030\161\123\101\121
\104\347\176\130\133\250\270\215\023\351\124\154\033\107\355\263
\032\223\142\256\12\012\232\224\236\335\311\020\030\325\335\342
\115\343\061\325\307\354\350\362\260\376\222\036\026\012\032\374
\331\136\337\047\266\311\276\035\264\154\144\220\177\364\344\304
\133\227\067\256\102\016\335\244\032\157\174\210\124\305\026\156
\341\172\150\050\037\070\027\277\015\244\074\211\073\170\247\116\143
\203\004\101\147\215\362\202\111\320\133\375\261\135\017\203
\204\324\076\040\025\367\112\075\053\234\375\052\012\011\115\352
\201\137\021\234
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "ePKI Root Certification Authority"
# Issuer: OU=ePKI Root Certification Authority,O="Chunghwa Telecom Co., Ltd.",C=TW
# Serial Number:15:e8:bd:65:47:5c:af:b8:97:00:5e:e4:06:d2:bc:9d
# Subject: OU=ePKI Root Certification Authority,O="Chunghwa Telecom Co., Ltd.",C=TW
# Not Valid Before: Mon Dec 20 02:31:27 2004
# Not Valid After : Wed Dec 20 02:31:27 2034
# CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
# CKA_TOKEN CK_BBOOL CK_TRUE
# CKA_PRIVATE CK_BBOOL CK_FALSE
# CKA_MODIFIABLE CK_BBOOL CK_FALSE
# CKA_LABEL UTF8 "ePKI Root Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\147\145\015\361\176\176\176\176\176\176\176\176\176\176\176\176\176\176\176\176\176\176\176\176\176\176\176\176
\075\151\160\360
END

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\033\204\060\000\031\206\000\020\075\255\376\157\025\150\323\153\263
END

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\060\136\006\101\036\000\111\006\000\135\000\040\000\032\023\000\212\124\127\061
\043\060\041\006\003\125\004\012\014\032\031\150\165\156\147\150
\167\141\040\124\145\154\145\143\157\155\040\103\157\056\054\040


```
\114\164\144056\061\052\060\050\006\003\125\004\013\014\041\145
\120\113\110\040\122\157\157\164\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\025\310\275\145\107\134\257\270\227\000\136\344\006\322
\274\235

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "certSIGN ROOT CA"
#
# Issuer: OU=certSIGN ROOT CA,O=certSIGN,C=RO
# Serial Number: 20:06:05:16:70:02
# Subject: OU=certSIGN ROOT CA,O=certSIGN,C=RO
# Not Valid Before: Tue Jul 04 17:20:04 2006
# Not Valid After: Fri Jul 04 17:20:04 2031
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "certSIGN ROOT CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL
\060\073\061\013\060\011\006\003\125\004\012\023\020\143\145\162\164\123\111
\107\116\060\031\060\027\006\003\125\004\013\023\020\143\145\162
\164\123\111\107\116\040\122\117\117\124\040\103\101
END

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\073\061\013\060\011\006\003\125\004\006\023\022\122\117\061
\021\060\017\006\003\125\004\012\023\010\143\145\162\164\123\111
\107\116\060\031\060\027\006\003\125\004\013\023\020\143\145\162
\164\123\111\107\116\040\122\117\117\124\040\103\101
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\006\006\000\005\026\160\002
END

CKA_VALUE MULTILINE_OCTAL
\060\202\003\070\060\202\002\040\240\003\002\001\002\002\006\040
\006\005\026\160\002\060\15\006\011\052\206\110\206\367\015\001
```
# Trust for Certificate "certSIGN ROOT CA"
# Issuer: OU=certSIGN ROOT CA,O=certSIGN,C=RO
# Serial Number: 20:06:05:16:70:02
# Subject: OU=certSIGN ROOT CA,O=certSIGN,C=RO
# Not Valid Before: Tue Jul 04 17:20:04 2006
# Not Valid After: Fri Jul 04 17:20:04 2031

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "certSIGN ROOT CA"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\372\267\356\066\227\046\142\373\055\260\052\366\277\003\375\350
\174\113\057\233

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\030\230\300\326\351\072\374\371\260\026\052\366\277\003\375\350
\174\113\057\233

CKA_ISSUER MULTILINE_OCTAL
\060\073\061\013\060\006\003\125\004\006\023\002\122\117\061
\021\060\017\006\003\125\004\012\023\010\143\145\162\164\123\111
\107\116\060\031\060\027\006\003\125\004\013\023\020\143\145\162
\164\123\111\116\040\122\117\117\124\040\103\101

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\006\040\006\005\026\160\002

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "NetLock Arany (Class Gold) Ftanstvny"
# Issuer: CN=NetLock Arany (Class Gold) F..tan..s..tv..ny,OU=Tan..s..tv..nykiad..k (Certification Services),O=NetLock Kft.,L=Budapest,C=HU
# Serial Number: 49:41:2c:e4:00:10
# Subject: CN=NetLock Arany (Class Gold) F..tan..s..tv..ny,OU=Tan..s..tv..nykiad..k (Certification Services)
Services), O=NetLock Kft., L=Budapest, C=HU

# Not Valid Before: Thu Dec 11 15:08:21 2008
# Not Valid After: Wed Dec 06 15:08:21 2028


CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "NetLock Arany (Class Gold) Ftanstvny"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

0602 01 2470 0610 1306 0601 110060 0031125004 0060230021101125
0610 0210 0600170060 0031125004 00710140 01010216514411411160
1451 163164061025060602300603112500401201401411161145
16411415711431530401131146164056061067060650060003
12500401301040561244141156303272163303255164166303
2411 1561 1751153151114114430326315304040501031452162164
1511166115111431411164151115711560401231451621661511143
14516305106106506063600603112500400301405411461145
16411415711431530401011621411561171040050401031541141
163163040107115715414405104010630522111641411156303
27216330325516416630324111561171

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

0602 01 2470 0610 1306 0601 110060 0031125004 0060230021101125
0610 0210 0600170060 0031125004 00710140 01010216514411411160
1451 163164061025060602300603112500401201401411161145
16411415711431530401131146164056061067060650060003
12500401301040561244141156303272163303255164166303
2411 1561 1751153151114114430326315304040501031452162164
1511166115111431411164151115711560401231451621661511143
14516305106106506063600603112500400301405411461145
16411415711431530401011621411561171040050401031541141
163163040107115715414405104010630522111641411156303
27216330325516416630324111561171

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
002020124700610130606011100600311250040060230021101125
0610 0210 0600170060 0031125004 00710140 01010216514411411160
1451 163164061025060602300603112500401201401411161145
16411415711431530401131146164056061067060650060003
12500401301040561244141156303272163303255164166303
2411 1561 1751153151114114430326315304040501031452162164
1511166115111431411164151115711560401231451621661511143
14516305106106506063600603112500400301405411461145
16411415711431530401011621411561171040050401031541141
163163040107115715414405104010630522111641411156303
27216330325516416630324111561171

END

CKA_VALUE MULTILINE_OCTAL
002020124700610130606011100600311250040060230021101125
0610 0210 0600170060 0031125004 00710140 01010216514411411160
1451 163164061025060602300603112500401201401411161145
16411415711431530401131146164056061067060650060003
12500401301040561244141156303272163303255164166303
2411 1561 1751153151114114430326315304040501031452162164
1511166115111431411164151115711560401231451621661511143
14516305106106506063600603112500400301405411461145
16411415711431530401011621411561171040050401031541141
163163040107115715414405104010630522111641411156303
27216330325516416630324111561171

END

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3617
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "NetLock Arany (Class Gold) Ftanstvny"
# Issuer: CN=NetLock Arany (Class Gold) F..tan..s..tv..ny,OU=Tan..s..tv..nykiad..k (Certification Services),O=NetLock Kft.,L=Budapest,C=HU
# Serial Number:49:41:2c:e4:00:10
# Subject: CN=NetLock Arany (Class Gold) F..tan..s..tv..ny,OU=Tan..s..tv..nykiad..k (Certification Services),O=NetLock Kft.,L=Budapest,C=HU
# Not Valid Before: Thu Dec 11 15:08:21 2008
# Not Valid After : Wed Dec 06 15:08:21 2028
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "NetLock Arany (Class Gold) Ftanstvny"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
0060010771311077025241004240151244153251003\320006
\2677227011\221
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\30524112673771163335326327064062030337374074\255210
END
CKA_ISSUER MULTILINE_OCTAL
\06020124706101306001100600311250040006023002\110125
\06102106001700600311250040070140102165144141160
\14516316406102520600230060031125004012014\141161145
\164114157114315304011314616405606106706062065006003
\125004013014056124141156303272163303255164166303
\2411561711531151141144303263153040501031145162164
\15111461151143141164151157156040123145162166151143
\14516305106106506063006003125004003014054116145

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3619
# Certificate "Hongkong Post Root CA 1"

# Issuer: CN=Hongkong Post Root CA 1,O=Hongkong Post,C=HK
# Serial Number: 1000 (0x3e8)
# Subject: CN=Hongkong Post Root CA 1,O=Hongkong Post,C=HK
# Not Valid Before: Thu May 15 05:13:14 2003
# Not Valid After : Mon May 15 04:52:29 2023

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hongkong Post Root CA 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\006\111\101\054\344\000\020

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
# Trust for Certificate "Hongkong Post Root CA 1"
# Issuer: CN=Hongkong Post Root CA 1,O=Hongkong Post,C=HK
# Serial Number: 1000 (0x3e8)
# Not Valid Before: Thu May 15 05:13:14 2003
# Not Valid After: Mon May 15 04:52:29 2023
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hongkong Post Root CA 1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\326\332\250\040\215\011\322\025\115\044\265\057\156\147\040\120\157\163\164\061\040\060\003\125\004\012\023\015\110\157\156\147\153\157
\156\147\040\120\157\163\164\061\040\060\003\125\004\003\023\027\110\157\156\147\145\153\157\156\147\040\120\157\163\164\040
\122\157\157\164\040\103\101\040\061
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\250\015\157\071\170\271\103\155\167\102\155\230\132\314\043\312
END
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\100\003\125\004\006\023\002\110\113\061
\026\060\024\006\003\125\004\012\023\015\110\157\156\147\153\157
\156\147\040\120\157\163\164\061\040\060\003\125\004\003\023\027\110\157\156\147\145\153\157\156\147\040\120\157\163\164\040
\122\157\157\164\040\103\101\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\003\350
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVEDCK_BBOOL CK_FALSE

# Certificate "SecureSign RootCA11"
# Issuer: CN=SecureSign RootCA11,O="Japan Certification Services, Inc.",C=JP
# Serial Number: 1 0x1)
# Subject: CN=SecureSign RootCA11,O="Japan Certification Services, Inc.",C=JP
# Not Valid Before: Wed Apr 08 04:56:47 2009
# Not Valid After : Sun Apr 08 04:56:47 2029
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SecureSign RootCA11"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\053\060\051\006\003\125\004\012\023\042\112\141\160\141\156\040
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145
\162\166\151\143\145\163\054\040\111\156\143\056\061\103\4\060\032
\006\000\125\004\003\023\023\123\145\143\165\162\145\123\151\147
\156\040\122\157\157\164\103\101\061\061
END
CKA_ID UTF8 "0"
CKA_ISSUER_MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\053\060\051\006\003\125\004\012\023\042\112\141\160\141\156\040
\103\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145
\162\166\151\143\145\163\054\040\111\156\143\056\061\103\4\060\032
\006\000\125\004\003\023\023\123\145\143\165\162\145\123\151\147
\156\040\122\157\157\164\103\101\061\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\155\060\202\002\125\240\003\002\001\002\000\002\001\001
\060\015\006\011\015\022\061\110\206\367\015\001\001\005\005\000\060
\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061\053
\060\051\006\003\125\004\040\122\023\042\112\141\160\141\156\040\103
\145\162\164\151\146\151\143\141\164\151\157\156\040\123\145\162
\166\151\143\145\163\054\040\111\156\143\056\061\103\4\060\032
\003\125\004\003\023\023\123\145\143\165\162\145\123\151\147
\156\040\122\157\157\164\103\101\061\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END

# Trust for Certificate "SecureSign RootCA11"
# Issuer: CN=SecureSign RootCA11,O="Japan Certification Services, Inc.",C=JP
# Serial Number: 1 (0x1)

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
# Subject: CN=SecureSign RootCA11,O="Japan Certification Services, Inc."C=JP
# Not Valid Before: Wed Apr 08 04:56:47 2009
# Not Valid After : Sun Apr 08 04:56:47 2029
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SecureSign RootCA11"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\073\304\237\110\370\363\163\240\234\036\275\370\133\261\303\145
\307\330\021\263
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\267\122\164\342\222\264\200\223\362\165\344\314\327\362\352\046
END
CKA_ISSUER MULTILINE_OCTAL
\060\130\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\03\145\162\166\151\143\141\164\151\157\156\040\123\145
\162\166\151\143\145\163\054\040\111\156\143\056\061\034\060\032
\006\003\125\004\003\023\023\123\145\143\165\162\145\123\151\147
\156\040\122\157\157\164\103\101\061\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Microsec e-Szigno Root CA 2009"
#
# Issuer: E=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU
# Serial Number:00:c2:7e:43:43:4e:47:3f:19
# Subject: E=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU
# Not Valid Before: Tue Jun 16 11:30:18 2009
# Not Valid After : Sun Dec 30 11:30:18 2029
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsec e-Szigno Root CA 2009"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
0602010200610130600110060033125004006023002110125
06110210060017006000312500400701410101216514411160
14516316460102600602400600331250040120140151511511
14316216516716514514304011416414405601047060045006
00312500400030140261151143162157163145143040145
05512317215111471561570400122157157164040103010140
062260200071061037060035006011052206110206367015
00110110001026020151156146157100145055163172151147
1561157056150165
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
0602010200610130600110060033125004006023002110125
06110210060017006000312500400701410101216514411160
14516316460102600602400600331250040120140151511511
14316216516716514514304011416414405601047060045006
00312500400030140261151143162157163145143040145
05512317215111471561570400122157157164040103010140
062260200071061037060035006011052206110206367015
00110110001026020151156146157100145055163172151147
1561157056150165
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
0020110003021761030041116107077031
END
CKA_VALUE MULTILINE_OCTAL
060202000401206020200236224000300200110020020111000
30217610300411161070770310600150060111052206110206
367015000101011300500060201202061103000110660003
12500400060230021101250610210600170060033125004007
0140101012165144111601451631640610260600240006003
125004012014151115111143162157163145143040114164
14405606104706045006003312500400301403611151143
1621571631451430401450551231172151147156157040122
1571571640401031040620606007106103706035006011052206110206367015
011105220611102063670115001011001026021201511561461571
0011450551631721511471561570561501650600360270115
06007106006606106060610610630606010701320270150602
07110610206306060610610630606010701320602011202061
011306001100003012500400602300211012506112106002110
060060100000070141010121651441114160145143164061
026060024000600312500401201401511511431621571631
145143040114164144056061047060450060033125004003
10403611151143162157163145143040145055123172151
147156157040122157157164040103101040620606060071
0611037060035006011052206110206367015001011001026
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "Microsec e-Szigno Root CA 2009"
# Issuer: E=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU
# Serial Number:00:c2:7e:43:04:4e:47:3f:19
# Subject: E=info@e-szigno.hu,CN=Microsec e-Szigno Root CA 2009,O=Microsec Ltd.,L=Budapest,C=HU
# Not Valid Before: Tue Jun 16 11:30:18 2009
# Not Valid After : Sun Dec 30 11:30:18 2029

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsec e-Szigno Root CA 2009"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\211\337\164\376\134\364\017\112\200\371\343\067\175\124\332\221
\341\001\061\216
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\370\111\364\003\274\104\055\203\276\110\151\175\051\144\374\261
END

CKA_ISSUER MULTILINE_OCTAL
\000\010\202\061\013\060\001\100\003\125\004\006\023\002\110\125
\061\021\060\017\006\003\125\004\007\014\010\102\165\144\141\160
\145\163\164\061\026\060\024\006\003\125\004\012\014\015\115\151
\143\162\157\163\145\143\040\144\144\145\144\056\061\047\060\045\006
\003\125\004\003\014\036\115\151\143\162\157\163\145\143\040\145
\055\123\172\151\147\156\157\040\122\157\157\164\040\103\101\040
\062\060\060\071\061\037\060\035\006\011\052\206\110\206\367\015
\001\011\000\020\020\151\156\146\157\100\145\055\163\172\151\147
\156\157\056\150\165
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\032\176\103\004\116\107\077\031
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "GlobalSign Root CA - R3"

# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R3
# Serial Number:04:00:00:00:01:21:58:53:08:a2
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R3
# Not Valid Before: Wed Mar 18 10:00:00 2009
# Trust for Certificate "GlobalSign Root CA - R3"
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R3
# Serial Number:04:00:00:00:00:01:21:58:53:08:a2
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R3
# Not Valid Before: Wed Mar 18 10:00:00 2009
# Not Valid After : Sun Mar 18 10:00:00 2029
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA - R3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\326\233\126\021\110\360\034\167\305\105\170\301\011\046\337\133
\205\151\166\255
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\305\337\270\111\312\005\023\125\055\272\032\303\076\260\050
END

CKA_ISSUER MULTILINE_OCTAL
\060\114\061\040\060\036\006\003\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\013\010\040
\055\040\122\063\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\040\123\060\021\006\003\125
\004\003\023\12\107\154\157\142\141\154\123\151\147\156
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\004\000\000\000\000\000\001\041\130\123\010\242
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Autoridad de Certificacion Firmaprofesional CIF A62634068"
#
# Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Serial Number:53:ec:3b:ee:fb:b2:48:5f
# Subject: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Not Valid Before: Wed May 20 08:38:15 2009
# Not Valid After : Tue Dec 31 08:38:15 2030

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Autoridad de Certificacion Firmaprofesional CIF A62634068"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\013\023\027\107\154\157
\142\141\154\123\151\147\156\040\122\157\157\164\040\013\010\040
\055\040\122\063\061\023\060\021\006\003\125\004\012\023\012\107
\154\157\142\141\154\123\151\147\156\040\123\060\021\006\003\125
\004\003\023\12\107\154\157\142\141\154\123\151\147\156
END

# Certificate "Autoridad de Certificacion Firmaprofesional CIF A62634068"
# Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Serial Number:53:ec:3b:ee:fb:b2:48:5f
# Subject: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Not Valid Before: Wed May 20 08:38:15 2009
# Not Valid After : Tue Dec 31 08:38:15 2030
Open Source Used in Intelligent Node Manager 3.X 3.3.0 3634
```
\151\157\156\141\154\040\103\111\106\040\101\066\062\066\063\064
\060\066\070
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\123\354\073\356\373\262\110\137
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
#
# Certificate "Izenpe.com"
#
# Issuer: CN=Izenpe.com,O=IZENPE S.A.,C=ES
# Subject: CN=Izenpe.com,O=IZENPE S.A.,C=ES
# Not Valid Before: Thu Dec 13 13:08:28 2007
# Not Valid After: Sun Dec 13 08:27:25 2037
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Izenpe.com"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\070\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\024\060\022\006\003\125\004\012\014\013\111\132\051\116\120\010
\040\123\056\101\056\061\023\060\021\006\003\125\004\003\014\012
\111\172\145\156\160\145\056\143\157\155
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\070\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\024\060\022\006\003\125\004\012\014\013\111\132\051\116\120\010
\040\123\056\101\056\061\023\060\021\006\003\125\004\003\014\012
\111\172\145\156\160\145\056\143\157\155
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\000\000\260\267\132\026\110\137\277\341\313\365\213\327\031
\346\175
END
CKA_VALUE MULTILINE_OCTAL
\060\020\003\361\060\022\003\133\124\003\003\002\001\002\002\020\000
\260\267\132\026\110\137\277\341\133\365\213\327\031\1346\175\060
\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060\070
```
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
# Trust for Certificate "Izenpe.com"
# Issuer: CN=Izenpe.com, O=IZENPE S.A., C=ES
# Subject: CN=Izenpe.com, O=IZENPE S.A., C=ES
# Not Valid Before: Thu Dec 13 13:08:28 2007
# Not Valid After: Sun Dec 13 08:27:25 2037

CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Izenpe.com"

END

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\057\170\075\045\122\030\247\112\145\071\161\265\054\242\234\105
\025\157\351\031
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\246\260\315\205\200\332\134\120\064\243\071\220\057\125\147\163
END

CKA_ISSUER MULTILINE_OCTAL
\060\070\061\013\060\011\006\003\125\004\006\023\002\105\123\061
\024\060\022\006\003\125\041\012\014\013\111\132\105\116\120\105
\040\123\056\101\056\061\023\060\021\006\003\125\004\003\014\012
\111\172\145\156\160\145\056\143\157\155
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\000\260\267\132\026\110\137\277\341\313\365\213\327\031
\346\175
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Chambers of Commerce Root - 2008"
# Issuer: CN=Chambers of Commerce Root - 2008, O=AC Camerfirma S.A., serialNumber=A82743287, L=Madrid (see current address at www.camerfirma.com/address), C=ES
# Serial Number: 00:a3:da:42:7e:a4:b1:ae:da
# Subject: CN=Chambers of Commerce Root - 2008, O=AC Camerfirma S.A., serialNumber=A82743287, L=Madrid (see current address at www.camerfirma.com/address), C=ES
# Not Valid Before: Fri Aug 01 12:29:50 2008
# Not Valid After: Sat Jul 31 12:29:50 2038

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Chambers of Commerce Root - 2008"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\256\061\013\060\001\110\066\003\125\004\006\023\002\105\125
\061\103\060\101\006\000\033\125\004\007\023\072\115\141\144\162\151
\144\040\050\163\145\145\161\162\145\156\164\040\141
\144\144\162\145\163\163\040\141\164\040\167\167\167\167\167\056\143\141
\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144\144
\162\145\163\163\051\061\022\060\020\006\003\125\004\005\023\011
\101\070\062\067\064\063\062\070\067\061\033\060\031\006\000\125
\004\102\023\022\101\103\040\103\141\155\145\162\146\151\162\155
\141\140\123\056\010\056\061\051\060\047\006\000\125\004\003\023
\040\103\150\141\155\142\145\162\163\040\157\146\040\103\157\155
\155\145\162\143\145\040\122\157\157\164\040\055\040\062\060\060
\070
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\201\256\061\013\060\001\110\066\003\125\004\004\072\023\072\015\141\144\162\151
\144\040\050\163\145\145\161\162\145\156\164\040\141
\144\144\162\145\163\163\040\141\164\040\167\167\167\167\167\056\143\141
\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144\144
\162\145\163\163\051\061\022\060\020\006\003\125\004\005\023\011
\101\070\062\067\064\063\062\070\067\061\033\060\031\006\000\125
\004\102\023\022\101\103\040\103\141\155\145\162\146\151\162\155
\141\140\123\056\010\056\061\051\060\047\006\000\125\004\003\023
\040\103\150\141\155\142\145\162\163\040\157\146\040\103\157\155
\155\145\162\143\145\040\122\157\157\164\040\055\040\062\060\060
\070
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\243\332\102\176\244\261\256\332

END

CKA_VALUE MULTILINE_OCTAL
\060\202\007\117\060\202\005\067\240\003\002\001\002\002\011\000
\243\332\102\176\244\261\256\332\060\015\006\001\052\206\110\206
\367\015\001\000\005\005\006\002\125\061\103\060\011\060\003
\125\004\006\023\002\105\125\061\110\066\003\125\004\007
\023\072\115\141\144\162\151\144\040\050\163\145\145\040\143\165
\162\165\151\164\040\141\144\144\162\151\163\163\040\141\164
\040\167\167\167\167\056\143\141\155\145\162\163\151\141\155
\143\157\155\057\141\144\144\162\145\163\163\051\061\022\060\020

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3639
# Trust for Certificate "Chambers of Commerce Root - 2008"
# Issuer: CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid
(see current address at www.camerfirma.com/address),C=EU
# Serial Number:00:a3:da:42:7e:a4:b1:ae:da
# Subject: CN=Chambers of Commerce Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid
(see current address at www.camerfirma.com/address),C=EU
# Not Valid Before: Fri Aug 01 12:29:50 2008
# Not Valid After : Sat Jul 31 12:29:50 2038
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Chambers of Commerce Root - 2008"

END
-- Certificate "Global Chambersign Root - 2008"

# Issuer: CN=Global Chambersign Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid (see current address at www.camerfirma.com/address),C=EU
# Serial Number:00:c9:cd:d3:e9:d5:7d:23:ce
# Subject: CN=Global Chambersign Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid (see current address at www.camerfirma.com/address),C=EU
# Not Valid Before: Fri Aug 01 12:31:40 2008
# Not Valid After : Sat Jul 31 12:31:40 2038

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Global Chambersign Root - 2008"

-- Certificate_TYPE CK_CERTIFICATE_TYPE CKC_X_509

-- SUBJECT MULTILINE_OCTAL
\060\020\125\040\061\013\060\001\011\006\000\031\125\000\006\023\020\011\015\0125
\061\010\03\060\011\006\000\031\125\004\000\023\020\022\0115
\144\040\050\145\163\145\145\145\040\143\165\162\162\145\156\164\040\141
\144\144\162\145\163\163\040\141\164\040\167\167\056\143\141
\155\145\162\146\151\162\155\141\056\143\157\155\057\141\144\144
\164\152\163\163\051\061\022\060\020\000\003\125\000\005\023\011
\101\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125
\004\012\023\022\011\030\040\103\141\155\145\162\146\151\162\155
\141\040\123\056\010\056\061\051\060\047\006\000\031\125\004\003\023
\040\013\050\141\155\142\145\162\163\040\157\146\040\103\157\155
\155\145\162\143\145\040\122\157\157\164\040\055\040\062\060\060
\070
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\0243\033\012\021\167\244\261\125\6332
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

-- CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\040\004\066\060\064\060\062\006\000\125\035\040\000\000\060\052\060
\050\006\010\050\033\060\061\005\005\005\007\050\002\000\000\026\034\150\154\164
\160\072\057\057\160\157\154\151\143\171\056\143\141\155\145\162
\164\151\162\155\141\056\143\157\155\060\015\000\052\206\110
\206\367\015\001\001\005\005\000\003\202\000\000\020\000\210\177
\160\036\222\050\033\110\052\224\106\377\220\072\251\361\057\337\032
\015\153\372\174\016\034\044\171\047\330\106\252\157\051\131
\122\210\160\002\235\232\335\075\365\233\123\124\157\341\140\242\250
\011\271\135\134\133\117\143\065\065\361\134\030\351\361\147\143\45\257
\172\105\340\011\133\131\120\044\173\027\016\167\221\105\172\063
\137\137\226\054\150\213\301\107\217\230\233\075\030\034\313\036
\325\202\222\204\065\321\127\066\070\126\162\061\113\107\055\252
\027\244\143\121\135\012\001\255\177\354\165\236\313\241\037\361
\177\022\261\271\134\144\177\147\326\043\052\364\270\071\115\230
\350\041\147\341\127\5\010\023\164\232\160\257\150\054\120\135
\111\131\173\377\373\016\135\346\054\107\327\201\072\131\000\265\163
\153\143\040\366\061\105\010\071\101\163\364\160\176\100\016\032\077
\320\153\102\251\116\4\070\050\057\002\155\165\162\225\011\215\110
\143\306\130\043\127\222\223\136\065\301\125\371\012\236\70\054\235
\142\034\366\255\174\335\246\061\030\266\261\307\176\205\046\037
\244\152\265\332\231\43\060\321\357\223\067\262\146\057\175\005\367
\134\7\267\113\230\022\046\053\300\331\072\051\031\235\262\120\063\035
\112\251\132\246\311\000\357\353\364\347\250\156\122\264\127\204
\353\244\077\320\356\252\252\207\131\134\335\223\342\153\030\234
\270\162\170\153\033\355\071\344\135\313\233\252\207\325\117\116
\000\376\331\115\232\207\04\061\017\050\000\200\117\230\035\247\260
\242\144\236\171\137\010\362\025\251\314\346\130\104\035\073\170
\231\162\271\161\076\074\353\130\247\305\030\022\077\346\237\030\50
\063\102\351\110\05\012\174\155\362\206\171\057\305\202\031\175\011
\211\174\262\124\166\210\256\336\301\363\134\341\156\333\061\326
\223\352\231\240\035\045\152\163\230\211\133\072\056\023\210\036
\277\300\222\224\064\033\343\047\267\213\061\157\102\377\347\351
\067\233\120\035\055\242\371\002\356\313\130\030\072\161\274\150
\343\325\301\125\043\045\372\243\334\034\145\077\201\352\256\231
\323\330\060\317\023\015\117\025\311\204\274\124\171\005\370\060
\043\167\330\016\113\171\155\366\214\355\072\177\140\021\170\364
\351\233\256\325\124\030\164\200\321\013\102\237\301

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "Global Chambersign Root - 2008"
# Issuer: CN=Global Chambersign Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid (see
current address at www.camerfirma.com/address),C=EU
# Serial Number:00:c9:cd:d3:e9:d5:7d:23:ce
# Subject: CN=Global Chambersign Root - 2008,O=AC Camerfirma S.A.,serialNumber=A82743287,L=Madrid

(see current address at www.camerfirma.com/address),C=EU
# Not Valid Before: Fri Aug 01 12:31:40 2008
# Not Valid After : Sat Jul 31 12:31:40 2038
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Global Chambersign Root - 2008"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL\112\275\356\354\225\015\065\234\211\256\307\122\241\054\133\051\366\326\252\014END
CKA_CERT_MD5_HASH MULTILINE_OCTAL\236\200\377\170\001\014\056\301\066\275\376\226\220\156\010\363END
CKA_ISSUER_MULTILINE_OCTAL\060\201\254\060\011\006\003\125\004\006\023\002\105\125\061\103\060\000\007\023\072\115\141\144\162\151\144\040\050\163\145\143\165\162\162\145\156\164\040\141\144\146\162\145\162\163\040\141\164\040\167\167\056\143\141\155\145\162\146\151\162\155\162\146\151\162\155\141\056\143\157\155\057\141\144\144\162\145\163\163\051\061\022\060\020\006\003\125\004\005\023\011\101\070\062\067\064\063\062\070\067\061\033\060\031\006\003\125\004\012\023\022\101\113\113\034\141\155\145\162\146\151\162\155\141\140\123\056\101\056\061\047\060\045\006\003\125\004\003\023\036\107\154\157\142\141\154\040\103\150\141\155\142\145\162\163\151\147\156\040\122\157\157\164\040\055\040\062\060\060\070END
CKA_SERIAL_NUMBER MULTILINE_OCTAL\002\011\000\311\315\323\351\325\175\043\316END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Go Daddy Root Certificate Authority - G2"
#
# Issuer: CN=Go Daddy Root Certificate Authority - G2,O="GoDaddy.com, Inc.",L=Scottsdale,ST=Arizona,C=US
# Serial Number: 0 (0x0)
# Subject: CN=Go Daddy Root Certificate Authority - G2,O="GoDaddy.com, Inc.",L=Scottsdale,ST=Arizona,C=US
# Not Valid Before: Tue Sep 01 00:00:00 2009
# Not Valid After : Thu Dec 31 23:59:59 2037
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Go Daddy Root Certificate Authority - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\203\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\060\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\032\060\030\006\003\125\004\012
\023\021\010\157\104\141\144\144\171\150\156\157\155\054\040\111
\156\143\056\061\061\060\057\006\003\125\004\003\023\050\107\157
\040\104\141\144\144\171\104\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164
\171\140\055\040\107\162
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\203\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157
\156\141\061\023\060\021\060\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\032\060\030\006\003\125\004\012
\023\021\010\157\104\141\144\144\171\150\156\157\155\054\040\111
\156\143\056\061\061\060\057\006\003\125\004\003\023\050\107\157
\040\104\141\144\144\171\104\122\157\157\164\040\103\145\162\164
\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164
\171\140\055\040\107\162
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\050\060\020\02\255\240\003\002\001\002\002\001\000
\060\015\006\011\052\206\110\206\367\015\001\001\013\005\000\060
\201\023\060\101\060\011\006\003\125\004\006\023\002\125\123\061
\020\060\016\006\003\125\004\010\023\007\101\162\151\172\157\156
\141\061\023\060\021\060\003\125\004\007\023\012\123\143\157\164
\164\161\144\141\154\145\061\032\060\030\006\003\125\004\012\023
\201\017\157\104\141\144\144\171\105\164\131\157\155\054\040\111
\143\056\061\061\060\057\006\003\125\004\003\023\050\107\157\164
\104\141\144\144\171\040\122\157\157\164\040\103\145\162\164
\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164
\140\055\040\107\062\206\036\027\015\060\071\060\071\060\060\016
\060\060\060\060\060\013\027\015\063\067\061\062\063\061\062\063
\065\071\065\071\013\060\020\103\061\013\060\011\016\003\013\125\004
\100\060\23\002\125\123\061\020\060\016\006\003\125\004\010\023\007
\101\162\151\172\157\156\141\061\023\060\021\060\003\125\004\007
# Trust for Certificate "Go Daddy Root Certificate Authority - G2"
# Issuer: CN=Go Daddy Root Certificate Authority - G2,O="GoDaddy.com, Inc.",L=Scottsdale,ST=Arizona,C=US
# Serial Number: 0 (0x0)
# Subject: CN=Go Daddy Root Certificate Authority - G2,O="GoDaddy.com, Inc.",L=Scottsdale,ST=Arizona,C=US
# Not Valid Before: Tue Sep 01 00:00:00 2009
# Not Valid After : Thu Dec 31 23:59:59 2037

# Certificate "Starfield Root Certificate Authority - G2"
# Issuer: CN=Starfield Root Certificate Authority - G2,O="Starfield Technologies, Inc.",L=Scottsdale,ST=Arizona,C=US
# Serial Number: 0 (0x0)
# Subject: CN=Starfield Root Certificate Authority - G2,O="Starfield Technologies, Inc.",L=Scottsdale,ST=Arizona,C=US
# Not Valid Before: Tue Sep 01 00:00:00 2009
# Not Valid After: Thu Dec 31 23:59:59 2037
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Root Certificate Authority - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\202\003\335\060\202\002\305\240\003\002\001\002\002\001\000
End
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\202\003\335\060\202\002\305\240\003\002\001\002\002\001\000
End
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
End
CKA_VALUE MULTILINE_OCTAL
\060\202\003\335\060\202\002\305\240\003\002\001\002\002\001\000
Open Source Used In Intelligent Node Manager 3.X 3.3.0 3651
# Trust for Certificate "Starfield Root Certificate Authority - G2"
# Issuer: CN=Starfield Root Certificate Authority - G2,O="Starfield Technologies, Inc.".,L=Scottsdale,ST=Arizona,C=US
# Serial Number: 0 (0x0)
# Subject: CN=Starfield Root Certificate Authority - G2,O="Starfield Technologies, Inc.".,L=Scottsdale,ST=Arizona,C=US
# Not Valid Before: Tue Sep 01 00:00:00 2009
# Not Valid After : Thu Dec 31 23:59:59 2037

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Root Certificate Authority - G2"
CKA_ISSUER MULTILINE_OCTAL
\265\034\006\174\356\053\014\075\370\125\253\055\222\364\376\071
\324\347\017\016
END

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\265\034\006\174\356\053\014\075\370\125\253\055\222\364\376\071
\324\347\017\016
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\265\034\006\174\356\053\014\075\370\125\253\055\222\364\376\071
\324\347\017\016
END

CKA_ISSUER_MULTILINE_OCTAL
\060\201\217\061\013\060\001\11\006\003\125\004\006\023\002\125\123
\061\200\206\000\16\006\003\125\004\001\023\007\101\162\151\172\157
\156\141\061\023\060\002\11\006\003\125\004\007\023\012\123\143\157
\164\164\163\144\141\154\145\061\045\060\043\006\003\125\004\012
\023\034\123\164\141\162\146\151\145\154\144\040\124\145\143\150
\156\157\154\157\147\151\145\163\054\040\11\115\156\143\050\061\062
\060\060\000\003\125\004\003\023\051\123\164\141\162\146\151\145
\154\144\040\124\157\157\164\040\031\145\162\164\151\146\151\143
\141\164\145\040\101\165\164\150\157\162\151\164\171\040\055\040
\107\062
END

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3653
# Certificate "Starfield Services Root Certificate Authority - G2"

# Issuer: CN=Starfield Services Root Certificate Authority - G2,O="Starfield Technologies, Inc.",L=Scottsdale,ST=Arizona,C=US
# Serial Number: 0 (0x0)
# Subject: CN=Starfield Services Root Certificate Authority - G2,O="Starfield Technologies, Inc.",L=Scottsdale,ST=Arizona,C=US
# Not Valid Before: Tue Sep 01 00:00:00 2009
# Not Valid After : Thu Dec 31 23:59:59 2037

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Services Root Certificate Authority - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

END
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
002001000
END
CKA_VALUE MULTILINE_OCTAL
00200357060202000232722400003002001002002001000
060015006011052020611020636701500100110130050000060
2011230061013060011006003125004006023002125123061
02020600160006031250040100230071011621511721571156
141160120236002106003125004007023011231431571164
16416314411154145061045060043006031125004012023
034123164114162146115114515414404012411451431501156
15715415714715114516305400111156143056016073060
07110060031250040030230621231641411621461151145154
144404012314516216611511431451630401221571157164040
1031451621641511461151143141164145040101165164150
1571162115164171040550401070620600360270105060071
06007106090610060060060060006000000132027015063067061
06206306102606306507106507113206020112306011013060
0111006003125004006023002125123061020060106006003
12500401012030071011621511721571156141061023060021
00609003125004007023011231431571641641631441141154
1450610450600430060031250040120230341231641411162
146115114515414404012411451431501156
144055040107062060012406001506001105202061100
206367015001001001005000031202001017000060020001
01200202000100003251014072304052371116342365276
1032127137216120123621037701331317237400231155051
0723100171750743671531660701143311066140250233136
1340002002620571311773662073710451032063471151033
1222322023041161343330055151116157366310111331266
36303212602560532661640243531317373046343032272035
2260561520731302242111071263770452402223160123203
33232041640243031472360041450723372161001132035112
11631711032210733471263260001603113122356173175256
072934727406131711053663021403170231311002053200314
06411073372713364220145155002317054221246246347336
2050301111141161162430721552512653560640562722015
003270063337107353261153215045331323331621011321105
1060662226160207336002016111111023025661541632731344
352141101254311132412433720750730742262046314237
1311241502373742760520573041250341651001400272020
# Trust for Certificate "Starfield Services Root Certificate Authority - G2"
# Issuer: CN=Starfield Services Root Certificate Authority - G2,O="Starfield Technologies, Inc.".L=Scottsdale,ST=Arizona,C=US
# Serial Number: 0 (0x0)
# Subject: CN=Starfield Services Root Certificate Authority - G2,O="Starfield Technologies, Inc.".L=Scottsdale,ST=Arizona,C=US
# Not Valid Before: Tue Sep 01 00:00:00 2009
# Not Valid After : Thu Dec 31 23:59:59 2037

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Starfield Services Root Certificate Authority - G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\222\132\217\215\054\155\004\340\146\137\131\152\377\042\330\143
\350\045\157\077
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
# Certificate "AffirmTrust Commercial"

# Issuer: CN=AffirmTrust Commercial,O=AffirmTrust,C=US
# Serial Number:77:77:06:27:26:a9:b1:7c
# Subject: CN=AffirmTrust Commercial,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:06:06 2010
# Not Valid After: Tue Dec 31 14:06:06 2030
CKA_CLASS CK_OBJECT_CLASS CKC_X_509
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Commercial"
CKA_CERTIFICATE_TYPE CK_Certificate_TYPE CKC_X_509
CKA_SUBJECT_MULTILINE_OCTAL
END

CKA_ISSUER MULTILINE_OCTAL
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
# Trust for Certificate "AffirmTrust Commercial"
# Issuer: CN=AffirmTrust Commercial,O=AffirmTrust,C=US
# Serial Number:77:77:06:27:26:a9:b1:7c
# Subject: CN=AffirmTrust Commercial,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:06:06 2010
# Not Valid After : Tue Dec 31 14:06:06 2030
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Commercial"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\371\265\266\062\105\137\234\276\354\127\137\200\334\351\156\054
\307\262\170\267
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\202\222\272\133\357\315\212\157\246\075\125\371\204\366\326\267
END
CKA_ISSUER MULTILINE_OCTAL
\060\04\061\013\060\011\100\003\125\004\006\023\002\125\123\061
\024\060\022\000\003\125\004\012\040\131\101\146\146\151\162\155
\124\162\165\163\164\061\103\060\350\006\003\125\004\003\014\026
\101\146\146\151\162\155\124\162\165\163\164\040\103\157\155\155
\145\162\143\151\141\154
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\167\167\006\047\046\251\261\174

CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "AffirmTrust Networking"
# Issuer: CN=AffirmTrust Networking, O=AffirmTrust, C=US
# Serial Number: 7c:4f:04:39:1c:d4:99:2d
# Not Valid Before: Fri Jan 29 14:08:24 2010
# Not Valid After: Tue Dec 31 14:08:24 2030
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Networking"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\051\066\041\002\213\040\355\002\365\146\305\062\321\326\355\220
\237\105\000\057
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\102\145\312\276\001\232\232\114\251\214\101\111\315\300\325\177
END

CKA_ISSUER MULTILINE_OCTAL
\060\104\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\037\060\035\060\003\125\004\003\014\026
\101\146\146\151\162\155\124\162\165\163\164\040\116\145\164\167
\157\162\153\151\156\147
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\174\117\004\071\034\324\231\055
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "AffirmTrust Premium"
#
# Issuer: CN=AffirmTrust Premium, O=AffirmTrust, C=US
# Serial Number: 6d:8c:14:46:b1:a6:0a:ee
# Not Valid Before: Fri Jan 29 14:10:36 2010
# Not Valid After: Mon Dec 31 14:10:36 2040
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Premium"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\101\061\103\060\011\006\003\125\004\006\023\002\125\123\061
\024\006\022\006\003\125\004\012\140\013\101\146\146\151\162\155
\124\162\165\163\164\061\034\060\032\006\125\004\003\014\023
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\101\061\103\060\011\006\003\125\004\006\023\002\125\123\061
\024\006\022\006\003\125\004\012\140\013\101\146\146\151\162\155
\124\162\165\163\164\061\034\060\032\006\125\004\003\014\023
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\155\214\024\106\261\246\012\356
\060\202\005\106\060\202\003\056\240\003\002\001\000\002\010\155
\124\024\106\261\124\060\012\356\060\015\006\011\052\2061\110\206\036
\101\500\100\010\140\000\000\000\060\101\061\013\060\011\006\003\012\500\004
\006\023\002\125\123\061\024\060\022\006\000\03\125\004\012\140\013
\101\146\146\151\162\155\124\162\165\163\164\061\034\060\032\006
\003\125\004\03\03\140\231\010\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\005\106\060\202\003\056\240\003\002\001\000\002\010\155
\124\024\106\261\124\060\012\356\060\015\006\011\052\2061\110\206\037
\101\500\100\010\140\000\000\000\060\101\061\013\060\011\006\003\012\500\004
\006\023\002\125\123\061\024\060\022\006\000\03\125\004\012\140\013
\101\146\146\151\162\155\124\162\165\163\164\061\034\060\032\006
\003\125\004\03\03\140\231\010\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155
END

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\044\342\011\225\006\325\223\044\226\353\174\366\223\005
\273\355\163\351\055\321\165\071\132\374\044\343\333\330\116\137\103
\121\172\039\320\024\071\127\128\160\110\023\112\270\061\264\234\356\112
\230\003\226\060\037\140\006\356\033\043\376\101\140\043\032\107
\142\205\245\134\031\064\200\157\263\254\032\343\237\360\173\110
\255\325\001\131\147\276\265\162\223\352\055\146\265\262\270\034
\075\074\326\035\171\063\165\110\231\127\061\172\175\172\027
\124\155\127\134\151\153\100\323\237\333\346\113\030
\151\153\271\341\155\081\364\361\252\120\166\012\172\175\172\027
\106\321\235\024\343\332\307\273\344\005\226\214\304\044\265\033\317
\024\007\262\100\370\243\323\361\101\206\274\004\320\153\226\310\052
\200\064\375\277\357\006\243\335\130\305\205\075\076\217\376\236
\051\134\266\270\011\150\031\034\030\013
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "AffirmTrust Premium"
# Issuer: CN=AffirmTrust Premium,O=AffirmTrust,C=US
# Serial Number:6d:8c:14:46:b1:a6:0a:ee
# Subject: CN=AffirmTrust Premium,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:10:36 2010
# Not Valid After : Mon Dec 31 14:10:36 2040
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Premium"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\330\246\063\054\340\003\157\261\120\366\143\117\175\152\006\145
\046\062\050\047
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\304\135\016\110\266\254\050\060\116\012\274\371\070\026\207\127
END
CKA_ISSUER MULTILINE_OCTAL
\060\101\061\103\060\011\100\060\033\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\034\060\032\060\003\125\004\003\014\023
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\155\214\024\106\261\124\012\356
```
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "AffirmTrust Premium ECC"

# Issuer: CN=AffirmTrust Premium ECC,O=AffirmTrust,C=US
# Serial Number: 74:97:25:8a:c7:3f:7a:54
# Subject: CN=AffirmTrust Premium ECC,O=AffirmTrust,C=US
# Not Valid Before: Fri Jan 29 14:20:24 2010
# Not Valid After: Mon Dec 31 14:20:24 2040
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Premium ECC"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\040\060\036\006\003\125\004\003\014\027
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155\040\105\103\103
END

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\024\060\022\006\003\125\004\012\014\013\101\146\146\151\162\155
\124\162\165\163\164\061\040\060\036\006\003\125\004\003\014\027
\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\151\165\155\040\105\103\103
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\164\227\045\12\307\077\172\124
END

CKA_VALUE MULTILINE_OCTAL
\060\022\001\376\060\227\045\12\307\077\172\124
END

CKA_VALUE_MULTILINE_OCTAL
\060\022\001\376\060\227\045\12\307\077\172\124
\227\045\12\307\077\172\124\060\012\006\010\052\206\110\316\075
\004\003\003\060\105\061\013\060\011\006\003\125\004\006\023\002
\125\123\061\124\060\022\006\003\125\004\012\014\013\101\146\146
\151\162\155\124\162\165\163\164\040\060\036\006\003\125\004
\003\014\027\101\146\146\151\162\155\124\162\165\163\164\040\120\162\145\155
\162\145\155\151\165\155\040\105\103\103
# Trust for Certificate "AffirmTrust Premium ECC"
# Issuer: CN=AffirmTrust Premium ECC, O=AffirmTrust, C=US
# Serial Number: 74:97:25:8a:c7:3f:7a:54
# Not Valid Before: Fri Jan 29 14:20:24 2010
# Not Valid After: Mon Dec 31 14:20:24 2040
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "AffirmTrust Premium ECC"

END

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# Certificate "Certum Trusted Network CA"

# Issuer: CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies S.A.,C=PL

# Serial Number: 279744 (0x444c0)

# Subject: CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies S.A.,C=PL


# Not Valid After : Mon Dec 31 12:07:37 2029


# Certificate Class CK_OBJECT_CLASS CKO_CERTIFICATE

# Token CK_BBOOL CK_TRUE

# Private CK_BBOOL CK_FALSE

# Modifiable CK_BBOOL CK_FALSE

# Label UTF8 "Certum Trusted Network CA"

# Certificate Type CK_CERTIFICATE_TYPE CKC_X_509

# Subject MULTILINE_OCTAL

060105000601030606010006003112500400060230021202140061
0240600110006003112500400060230022125123061
024060022060600311250040120140101311461460151152155
12401621651631640610400600361060600331250040003014027
1001146146151162155124162165163164040120162145155
151165155040105103103

END

# Trust Server Auth CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

# Email Protection CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

# Code Signing CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

# Step Up Approved CK_BBOOL CK_FALSE

# Issuer MULTILINE_OCTAL

0601050601130606010006003112500400060230021202140061
0240600110006003112500400060230022125123061
024060022060600311250040120140101311461460151152155
12401621651631640610400600361060600331250040003014027
1001146146151162155124162165163164040120162145155
151165155040105103103

END

# Serial Number MULTILINE_OCTAL

00201016422704512307077172124

END

# Trust Server Auth CK_TRUST CKT_NSS_TRUSTED_DELEGATOR

# Email Protection CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

# Code Signing CK_TRUST CKT_NSS_MUST_VERIFY_TRUST

# Step Up Approved CK_BBOOL CK_FALSE

# Issuer MULTILINE_OCTAL
# Trust for Certificate "Certum Trusted Network CA"

# Issuer: CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies S.A.,C=PL

# Serial Number: 279744 (0x444c0)

# Subject: CN=Certum Trusted Network CA,OU=Certum Certification Authority,O=Unizeto Technologies S.A.,C=PL


# Not Valid After: Mon Dec 31 12:07:37 2029


CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Certum Trusted Network CA"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\007\340\062\340\040\267\054\077\031\057\006\050\242\131\072\031
\247017\006\236

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

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END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\325\351\201\100\305\030\151\374\106\054\211\165\142\017\252\170
END
CKA_ISSUER MULTILINE_OCTAL
\060\176\006\103\060\011\006\000\132\000\006\023\002\120\114\061
\042\060\040\006\000\132\000\006\023\031\125\156\151\172\145\164
\157\040\124\145\143\150\156\157\147\151\145\163\040\123
\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145
\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\156\157\162\151\164\171\061\042\060\040
\006\003\125\004\003\023\031\103\145\162\164\165\155\040\124\162
\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\004\104\300
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
#
# Certificate "TWCA Root Certification Authority"
#
# Issuer: CN=TWCA Root Certification Authority,OU=Root CA,O=TAIWAN-CA,C=TW
# Serial Number: 1 (0x1)
# Subject: CN=TWCA Root Certification Authority,OU=Root CA,O=TAIWAN-CA,C=TW
# Not Valid After : Tue Dec 31 15:59:59 2030
CKA_CLASS CK_OBJECT_CLASS CKC_X_509
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TWCA Root Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\137\061\013\060\011\006\000\132\000\006\023\002\124\127\061
\022\060\020\000\003\125\004\012\014\011\124\101\111\127\101\116
\055\103\101\061\020\060\016\006\003\125\004\013\014\007\122\157
\157\164\040\103\101\061\052\060\050\006\003\125\004\003\014\041
\124\127\103\101\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171
END
CKA_ID UTF8 "0"
\035\017\001\001\377\004\004\003\002\000\001\006\060\017\006\003\125
\035\023\000\001\013\377\004\004\005\060\000\003\001\013\377\060\035\006\003
\125\035\016\004\026\000\042\012\070\133\046\215\136\213\132\362
\117\121\124\203\031\030\034\003\010\065\246\272\206\001\150\060\11\052
\206\11\10\20\063\067\015\001\000\005\005\000\003\20\20\001\000\100\000\074
\32\5\167\075\352\337\211\272\207\014\010\124\152\040\120\222\226
\26\01\01\01\01\01\01\01\01\01\01\01\01\01\01\01\01\01\01\01\01\01\01\01
\06\01\12\31\112\233\377\152\347\246\000\177\21\110\22\232\326\021\13\45
\12\31\16\057\034\036\032\005\030\346\342\120\30\04\02\20\6\175\314
\33\21\76\02\00\11\073\222\065\05\21\23\26\23\36\035\033\05\33\154
\13\35\34\32\03\37\32\32\152\146\23\26\25\05\02\05\17\23\35\00\20\00\254
\03\2\47\01\11\15\11\26\02\32\33\150\12\10\03\02\76\12\24\32\22\77\104\101
\27\21\11\27\06\04\02\27\21\15\134\35\02\07\01\16\7\031\31\16\15\4\03\7\255\203
\22\6\03\01\75\01\26\5\02\04\07\1\20\4\36\1\05\03\50\05\23\23\6\01\30\36
\17\2\16\13\2\03\26\3\17\15\37\5\26\4\37\4\32\0\12\24\5\13\0\11\7\106
\33\7\3\3\15\4\1\1\1\1\2\2\36\2\04\04\2\2\2\2\56\0\17\3\14\37\3\17\4\0\7\3\347
\15\2\3\12\07\4\31\30\3\15\2\3\0\32\2\22\0\0\4\37\2\0\0\4\20\4\34\1\066
\12\4\0\2\3\6\0\10\3\36\0\2\0\1\2\6\3\3\3\3\3\3\3\0\6\0\1\1\1\1\33\3\15\4\332
\37\7\3\2\4\1\2\2\2\4\1\3\1\3\6\2\1\2\0\3\5\0\4\2\2\0\3\7\4\2\2\7\3\0\5\3\1\031
\14\2\0\4\2\5\4\1\4\5\0\2\3\7\2\3\2\0\7\4\0\3\6\3\4\5\0\2\6\2\2\1\2\3\3\1\4\1\1\3\16
\2\7\4\0\0\3\6\7\17\0\16\0\6\3\2\2\0\3\7\3\3\5\3\2\0\2\2\1\0\3\0\0\7\2\57
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "TWCA Root Certification Authority"
# Issuer: CN=TWCA Root Certification Authority,OU=Root CA,O=TAIWAN-CA,C=TW
# Serial Number: 1 (0x1)
# Not Valid After : Tue Dec 31 15:59:59 2030
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TWCA Root Certification Authority"
CKA_CERT_SHA1_HASH
\317\236\207\155\323\353\374\102\046\227\243\265\243\172\240\166
\251\006\043\110
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\252\010\217\366\371\173\267\362\261\247\036\233\352\352\275\171
END
CKA_ISSUER MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\012\14\127\061
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Explicitly Distrust DigiNotar Root CA"
#
# Issuer: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL
# Serial Number:0f:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff
# Subject: E=info@diginotar.nl,CN=DigiNotar Root CA,O=DigiNotar,C=NL
# Not Valid Before: Fri Jul 27 17:19:37 2007
# Not Valid After : Mon Mar 31 18:19:22 2025

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Explicitly Distrust DigiNotar Root CA"

CKA_SUBJECT MULTILINE_OCTAL
\000\036\006\003\125\004\006\023\002\116\114\061
\002\060\020\006\003\125\004\012\104\151\116\115\164
\164\141\162\061\103\060\006\003\125\004\003\123\141\162\061\103\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061
\040\060\036\006\001\105\206\011\020\036\067\015\001\011\000\026\021
\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156
\154

END

CKA_ID UTF8 "0"

CKA_ISSUER_MULTILINE_OCTAL
\000\036\006\003\125\004\006\023\002\116\114\061
\002\060\020\006\003\125\004\012\104\151\116\115\164
\164\141\162\061\103\060\006\003\125\004\003\123\141\162\061\103\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061
\040\060\036\006\001\105\206\011\020\036\067\015\001\011\000\026\021
\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3674
\154
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
0020200017377377377377377377377377377377377377377377
\377377
END
CKA_VALUE MULTILINE_OCTAL
06020200052120602020031622400030200010020020020017
\37377377377377377377377377377377377377377377377060
01500601105220611020636701500100010050050000600137
06101306001100600312500400602300211611460161022060
0200000603125004012023011110411471511161571641141
162206103206003060031250040030230211041147151151
1161157164114116204012215711571640401031010610040060
036000601105220611020636701500101100102602211511156
14615710014415147151156157164141162056156154060
0360270150606606670606706206706670610670610710630671132
0721506265066063063606106107061071062062132060
1370610130600110600312500400602300211611460161022
060020006003125004012023011110411471511161571641
141126020326006306006312500400302302110411511147
151116157164114116204012215711571640401031010610040060
060036006001105220611020636701500101100102602211511156
15614615710014415147151156157164141162056156154060
060202002042060015006011052206110206367015001001
0010050500003320002170000602000212002020020001
0000254260130301002753303041010010353232376156126
0600906370333063167220020101133430315207021167216201
36113121743512141523550701640652733232373731723300
0110672642261632011750630323230071367223157225177
075251261165207272111103502131601076225004305330
266303026331210260261207035160332206264017024213
17231702032311640662420221731672061121711346173337
0022100115024511610265064130233404223170126024024
03606012131131211613731203141131226151210132150123
305270150020675331131327414612220176052013005007
355036127312520016533010631103320332342010276361043
3141231035326052017203040025013004702020563732342042
302111261271000120115223551552350100167150166116041
0255152041002051161662311742023633632670021313324
0460001033216337255123006332125603033534226262072313
327210070216254133051271031323230371030003317110
202026014601030331510173113350702101720460320051114
2222327044324226362524122055243107325122366077376
3162040061602462520762423626266126064030127242344
201155347313260152333073221153002203101174025357
153232144113634332007434526135317313513506373313346
16711113152431453343672711234270344001313722317314
# Trust for Certificate "Explicitly Distrust DigiNotar Root CA"

# Issuer: E=info@diginotar.nl, CN=DigiNotar Root CA, O=DigiNotar, C=NL
# Serial Number: 0f:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff:ff
# Subject: E=info@diginotar.nl, CN=DigiNotar Root CA, O=DigiNotar, C=NL
# Not Valid Before: Fri Jul 27 17:19:37 2007
# Not Valid After: Mon Mar 31 18:19:22 2025

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Explicitly Distrust DigiNotar Root CA"

END

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\301\167\313\113\340\264\046\216\365\307\317\105\231\042\271\260
\316\272\041\057
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\012\244\325\314\272\264\373\243\131\343\346\001\133\123\331\116
END

CKA_ISSUER MULTILINE_OCTAL
\060\137\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\022\060\020\006\003\125\004\012\023\011\104\151\147\151\116\157
\164\141\162\061\132\060\030\006\003\125\004\003\023\021\104\151
\147\151\116\157\164\141\162\040\122\157\157\164\040\103\101\061
\040\060\036\006\011\052\206\110\206\367\015\001\011\001\026\021
\151\156\146\157\100\144\151\147\151\156\157\164\141\162\056\156
\154
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\017\377\377\377\377\377\377\377\377\377\377\377\377\377\377\377\377
\377\377
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Explicitly Distrusted DigiNotar PKIoverheid G2"

# Issuer: CN=DigiNotar PKIoverheid CA Organisatie - G2,O=DigiNotar B.V., C=NL
# Serial Number: 268435455 (0xfffffff)
# Subject: CN=DigiNotar PKIoverheid CA Organisatie - G2,O=DigiNotar B.V., C=NL
# Not Valid Before: Wed May 12 08:51:39 2010
# Not Valid After: Mon Mar 23 09:50:05 2020

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3677
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Explicitly Distrusted DigiNotar PKIoverheid G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\027\060\025\006\003\125\004\012\014\016\014\016\015\147\151\116\157
\164\141\162\040\012\056\126\056\061\062\060\060\060\060\03\125\004
\003\014\051\04\151\147\151\116\157\164\141\162\040\012\011\111
\157\166\145\162\150\145\151\144\040\013\010\040\017\162\147\141
\156\151\163\141\164\151\145\040\055\040\017\062
END
CKA_ID UTF8 "0"
CKA_ISSUER_MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\027\060\025\006\003\125\004\012\014\016\014\016\015\147\151\116\157
\164\141\162\040\012\056\126\056\061\062\060\060\060\060\03\125\004
\003\014\051\04\151\147\151\116\157\164\141\162\040\012\011\111
\157\166\145\162\150\145\151\144\040\013\010\040\017\162\147\141
\156\151\163\141\164\151\145\040\055\040\017\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\017\377\377\377
END
CKA_VALUE MULTILINE_OCTAL
\060\202\006\225\060\020\004\175\240\003\002\001\002\002\004\175\377\377\377
\060\132\061\013\066\011\006\003\125\004\006\023\002\116\114\061
\027\060\025\006\003\125\004\012\014\016\014\016\015\147\151\116\157
\164\141\162\040\012\056\126\056\061\062\060\060\060\060\00\125\004
\003\014\051\04\151\147\151\116\157\164\141\162\040\012\011\111
\157\166\145\162\150\145\151\144\040\013\010\040\017\162\147\141
\156\151\163\141\164\151\145\040\055\040\017\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\017\377\377\377
END
CKA_VALUE_MULTILINE_OCTAL
\060\202\006\225\060\020\004\175\240\003\002\001\002\002\004\175\377\377\377
\060\132\061\013\066\011\006\003\125\004\006\023\002\116\114\061
\027\060\025\006\003\125\004\012\014\016\014\016\015\147\151\116\157
\164\141\162\040\012\056\126\056\061\062\060\060\060\060\00\125\004
\003\014\051\04\151\147\151\116\157\164\141\162\040\012\011\111
\157\166\145\162\150\145\151\144\040\013\010\040\017\162\147\141
\156\151\163\141\164\151\145\040\055\040\017\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\017\377\377\377
END
CKA_VALUE_MULTILINE_OCTAL
# Trust for Certificate "Explicitly Distrusted DigiNotar PKIoverheid G2"

# Issuer: CN=DigiNotar PKIoverheid CA Organisatie - G2,O=DigiNotar B.V.,C=NL

# Serial Number: 268435455 (0xffffffff)

# Subject: CN=DigiNotar PKIoverheid CA Organisatie - G2,O=DigiNotar B.V.,C=NL

# Not Valid Before: Wed May 12 08:51:39 2010

# Not Valid After : Mon Mar 23 09:50:05 2020


Open Source Used In Intelligent Node Manager 3.X 3.3.0 3680

END
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Explicitly Distrusted DigiNotar PKIoverheid G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\325\362\127\251\277\055\320\077\213\106\127\371\053\311\244\306
\222\341\102\102
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\056\141\242\321\170\316\356\277\131\063\260\043\024\017\224\034
END
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\116\114\061
\027\060\025\006\003\125\004\012\014\016\104\151\147\151\116\157
\164\141\162\040\102\056\126\056\061\062\060\060\006\003\125\004
\003\014\051\104\151\147\151\116\157\164\141\162\040\120\113\111
\157\166\145\162\150\145\151\144\040\103\101\040\117\162\147\141
\156\151\163\141\164\151\145\055\050\017\006
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\017\377\377\377
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Security Communication RootCA2"
# Issuer: OU=Security Communication RootCA2,O="SECOM Trust Systems Co.,LTD.",C=JP
# Serial Number: 0 (0x0)
# Subject: OU=Security Communication RootCA2,O="SECOM Trust Systems Co.,LTD.",C=JP
# Not Valid Before: Fri May 29 05:00:39 2009
# Not Valid After : Tue May 29 05:00:39 2029
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Security Communication RootCA2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\135\061\013\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\051\033\117\115\040

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3681
Open Source Used In Intelligent Node Manager 3.X
3.3.0
3682

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
%0601%35%06%10%01%13%06%00%01%11%00%00%31%12%05%04%00%00%02%03%02%01%12%00%01
%04%50%06%03%06%00%03%12%50%04%00%12%02%33%04%12%10%03%11%17%11%15%04%00
%02%14%62%16%31%64%04%01%12%17%11%16%41%14%51%55%16%30%04%10%31%11%17
%05%60%54%11%14%12%10%04%56%06%10%47%06%04%05%00%00%03%12%50%04%00%13%02
%03%61%12%14%15%16%15%16%17%10%40%10%03%15%15%15%15%16%15%16%00%10%062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
%00%2%00%1%000

END

CKA_VALUE MULTILINE_OCTAL
%06%00%2%01%13%67%00%20%00%21%13%72%40%00%31%02%00%01%00%20%00%20%001
%00%60%1%5%00%00%01%10%52%20%01%10%20%06%36%17%01%00%10%13%05%00%00%06%00
%13%50%01%13%06%00%11%06%00%03%12%50%04%00%02%11%12%00%06%01%04%05
%06%00%4%03%06%00%03%12%50%04%01%20%23%03%13%10%13%11%15%04%01%02%12
%16%2%16%31%64%40%01%12%17%11%16%41%14%51%55%16%30%04%10%03%11%07%05
%05%41%14%12%14%04%05%61%00%47%06%04%05%00%00%12%50%04%01%03%23%03%06
%12%3%14%15%16%15%16%17%10%40%10%31%15%15%15%15%16%15%15%15%15%00
%14%3%14%16%15%15%15%16%04%01%12%15%17%15%16%10%03%11%06%20%06%00%03
%02%70%15%06%00%71%06%06%50%06%20%07%10%06%05%06%06%06%06%06%06%06%06%06%11%32%02
%01%15%06%02%07%10%06%06%50%06%20%07%10%06%05%06%06%06%06%06%06%06%06%06%13%20%00%13%05
%06%1%01%06%00%03%12%50%04%00%02%12%12%12%06%1%04%50%06
%04%3%00%00%03%12%50%04%01%20%23%03%13%10%13%11%15%04%01%02%12
%16%51%63%16%40%04%23%11%16%13%14%51%55%16%30%04%01%03%17%05%05
%14%1%2%4%10%05%60%10%47%06%04%05%00%00%31%12%50%04%01%03%23%06%12
%14%51%4%3%16%51%16%2%15%16%17%10%40%10%31%15%15%15%15%15%11%14
%14%1%14%15%15%15%15%04%12%12%15%17%16%14%10%13%01%01%06%20%02%01
%04%2%06%01%15%00%01%10%52%20%06%10%06%70%15%01%00%10%01%00%05%00
%00%3%2%02%00%10%17%00%00%60%20%02%01%10%12%00%02%02%00%01%00%00%32%00%25
%01%11%22%26%11%22%26%27%23%30%13%11%22%30%04%13%15%12%22%25%07%21%03%14%15
%12%00%11%3%07%36%22%26%27%43%33%06%62%22%32%26%24%14%21%25%01%36%36
%34%3%02%03%34%36%33%37%22%07%13%25%16%66%13%35%34%01%26%35%10%125
%13%52%27%17%16%60%23%27%36%37%10%76%00%66%06%42%24%07%33%13%66%06%10%21
%10%1%14%2%23%07%12%20%00%30%37%12%11%12%31%12%34%25%15%2%32%46%25
%33%2%10%12%20%00%30%01%32%63%26%10%22%11%30%22%27%36%40%07%00%22%22%5%14
%12%24%05%36%70%06%34%10%10%20%17%30%24%15%32%33%04%14%11%52%51%13%36
%17%60%1%4%2%5%03%30%04%25%26%07%12%16%24%13%15%16%15%12%25
%17%2%2%17%10%35%15%2%23%21%35%12%22%30%05%02%15%06%02%06%10%20
%20%4%2%15%2%12%07%00%60%00%06%70%10%34%17%17%11%07%07%21%33%5
%14%7%2%10%25%23%03%26%12%31%12%34%5%21%7%16%02%20%05%31
%00%6%1%17%05%63%33%14%03%32%37%20%25%36%11%12%22%24%13%47%02%26%32%5%216

Open Source Used In Intelligent Node Manager 3.X 3.3.0  3682
# Trust for Certificate "Security Communication RootCA2"
# Issuer: OU=Security Communication RootCA2,O="SECOM Trust Systems CO.,LTD.",C=JP
# Serial Number: 0 (0x0)
# Not Valid Before: Fri May 29 05:00:39 2009
# Not Valid After: Tue May 29 05:00:39 2029

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Security Communication RootCA2"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\137\073\214\362\370\020\263\175\370\064\271\130\164

END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\154\071\175\244\016\125\131\262\077\326\101\261\022\120\336\103
END
CKA_ISSUER_MULTILINE_OCTAL
\060\135\060\101\13\060\011\006\003\125\004\006\023\002\112\120\061
\045\060\043\006\003\125\004\012\023\034\123\105\103\117\115\040
\124\162\165\163\164\040\123\171\163\164\145\155\163\040\103\117
\056\054\114\124\040\056\061\047\060\045\006\003\125\004\013\023
\036\123\145\143\165\162\151\164\171\040\103\157\155\151\156
\151\143\141\164\151\157\156\040\122\157\157\164\103\101\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
#
# Certificate "EC-ACC"
#
# Issuer: CN=EC-ACC,OU=Jerarquia Entitats de Certificació Catalanes,OU=Vegeu https://www.catcert.net/verarrel (c)03,OU=Serveis Publics de Certificacio,O=Agencia Catalana de Certificacio (NIF Q-0801176-I),C=ES
# Subject: CN=EC-ACC,OU=Jerarquia Entitats de Certificació Catalanes,OU=Vegeu https://www.catcert.net/verarrel (c)03,OU=Serveis Publics de Certificacio,O=Agencia Catalana de Certificacio (NIF Q-0801176-I),C=ES
# Not Valid Before: Tue Jan 07 23:00:00 2003
# Not Valid After : Tue Jan 07 22:59:59 2031
CKA_CLASS CK_OBJECT_CLASS CKC_X_509
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "EC-ACC"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\135\060\101\13\060\011\006\003\125\004\006\023\002\105\123
\061\107\03\060\071\060\003\125\004\012\023\062\101\147\145\156\143
\151\141\040\103\141\164\141\154\141\156\141\040\144\145\040\103
\145\162\164\151\143\141\143\151\157\040\050\116\111\106
\040\121\055\060\070\060\061\061\067\066\055\11\051\061\050\060
\046\006\003\125\004\013\023\037\123\145\162\166\143\151\163\040
\120\165\142\154\151\143\163\040\144\145\040\103\145\162\164\151
\146\151\143\141\143\151\157\061\065\060\063\006\003\125\004\013
\023\054\126\145\147\145\165\040\150\164\164\160\163\107\057\057
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
# For Server Distrust After: Sat Dec 28 00:00:00 2019
CKA_NSS_SERVER_DISTRUST_AFTER MULTILINE_OCTAL
END
# For Email Distrust After: Wed Aug 31 00:00:00 2022
CKA_NSS_EMAIL_DISTRUST_AFTER MULTILINE_OCTAL
END
# Trust for Certificate "EC-ACC"
# Issuer: CN=EC-ACC,OU=Jerarquia Entitats de Certificacio Catalanes,OU=Vegeu https://www.catcert.net/verarrel (c)03,OU=Serveis Publics de Certificacio,O=Agencia Catalana de Certificacio (NIF Q-0801176-I),C=ES
# Subject: CN=EC-ACC,OU=Jerarquia Entitats de Certificacio Catalanes,OU=Vegeu https://www.catcert.net/verarrel (c)03,OU=Serveis Publics de Certificacio,O=Agencia Catalana de Certificacio (NIF Q-0801176-I),C=ES
# Not Valid Before: Tue Jan 07 23:00:00 2003
# Not Valid After : Tue Jan 07 22:59:59 2031
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
# Certificate "Hellenic Academic and Research Institutions RootCA 2011"

# Issuer: CN=Hellenic Academic and Research Institutions RootCA 2011,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR

# Serial Number: 0 (0x0)

# Subject: CN=Hellenic Academic and Research Institutions Certificates RootCA 2011,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR

# Not Valid Before: Tue Dec 06 13:49:52 2011
# Not Valid After : Mon Dec 01 13:49:52 2031


# CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
Open Source Used in Intelligent Node Manager 3.X 3.3.0

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1. Open Source Used in Intelligent Node Manager 3.X 3.3.0

2. Version Information

3. Node Manager Components

4. Dependencies

5. Contribution Details

6. Acknowledgments

7. References

8. License Information

9. Contact Information

10. Support Options

11. Additional Resources

12. Conclusion

13. Appendix

14. Glossary

15. Index
OPEN SOURCE USED IN INTELLIGENT NODE MANAGER 3.X 3.3.0

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for Certificate "Hellenic Academic and Research Institutions RootCA 2011"
# Issuer: CN=Hellenic Academic and Research Institutions RootCA 2011,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR
# Serial Number: 0 (0x0)
# Subject: CN=Hellenic Academic and Research Institutions RootCA 2011,O=Hellenic Academic and Research Institutions Cert. Authority,C=GR
# Not Valid Before: Tue Dec 06 13:49:52 2011
# Not Valid After : Mon Dec 01 13:49:52 2031

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hellenic Academic and Research Institutions RootCA 2011"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

END

CKA_ISSUER MULTILINE_OCTAL

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
Open Source Used in Intelligent Node Manager 3.X 3.3.0 3692

# Explicitly Distrust "MITM subCA 1 issued by Trustwave", Bug 724929
# Issuer: E=ca@trustwave.com,CN="Trustwave Organization Issuing CA, Level 2",O="Trustwave Holdings, Inc.",L=Chicago,ST=Illinois,C=US
# Serial Number: 1800000005 (0x6b49d205)
# Not Before: Apr 7 15:37:15 2011 GMT
# Not After : Apr 15 15:37:15 2021 GMT
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "MITM subCA 1 issued by Trustwave"

END

# Explicitly Distrust "MITM subCA 2 issued by Trustwave", Bug 724929
# Issuer: E=ca@trustwave.com,CN="Trustwave Organization Issuing CA, Level 2",O="Trustwave Holdings, Inc.",L=Chicago,ST=Illinois,C=US
# Serial Number: 1800000006 (0x6b49d206)
# Not Before: Apr 18 21:09:30 2011 GMT
# Not After : Apr 15 21:09:30 2021 GMT
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "MITM subCA 2 issued by Trustwave"
CKA_ISSUER MULTILINE_OCTAL
\060\0201\253\061\103\060\011\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\023\010\111\154\154\151\156
\157\151\153\061\020\060\016\006\003\125\004\007\023\007\103\150
\151\143\141\147\157\061\044\060\037\006\003\125\004\012\023\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\063\060\061\006\003\125\004
\003\023\052\124\162\165\163\164\167\141\166\145\040\117\162\147
\141\156\151\172\141\164\151\157\156\040\111\163\163\165\151\156
\147\040\103\101\054\040\114\145\166\145\154\040\062\061\037\060
\035\006\101\052\206\110\206\367\015\001\101\001\026\020\143\141
\100\164\162\165\163\164\167\141\166\145\056\143\157\155
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\153\111\322\006
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Actalis Authentication Root CA"
#
# Issuer: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT
# Serial Number: 57:0a:11:97:42:c4:e3:cc
# Subject: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT
# Not Valid Before: Thu Sep 22 11:22:02 2011
# Not Valid After: Sun Sep 22 11:22:02 2030

CKA_CLASS CK_OBJECT_CLASS CKC_X_509
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Actalis Authentication Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\153\061\013\060\011\100\006\003\125\004\006\023\002\111\124\061
\016\060\014\006\003\125\004\007\014\005\015\151\154\141\156\061
\043\060\041\006\003\125\004\012\014\032\101\143\164\141\154\151
\163\040\123\056\160\056\010\056\057\060\063\063\065\070\065\062
\060\071\016\060\076\061\047\060\045\006\003\125\004\003\014\036\101
\143\164\141\154\151\163\040\101\165\164\150\145\156\164\151\143
\141\164\151\157\156\040\122\157\157\164\040\103\101
END

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
Open Source Used In Intelligent Node Manager 3.X

3.3.0

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# Trust for "Actalis Authentication Root CA"
# Issuer: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT
# Serial Number:57:0a:11:97:42:c4:e3:cc
# Subject: CN=Actalis Authentication Root CA,O=Actalis S.p.A./03358520967,L=Milan,C=IT
# Not Valid Before: Thu Sep 22 11:22:02 2011
# Not Valid After : Sun Sep 22 11:22:02 2030

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Actalis Authentication Root CA"

CKA_ISSUER MULTILINE_OCTAL
\144\054\311\047\265\113\222\176\145\377\323\055\341\271\116\274
\177\244\101\041\220\101\167\246\071\037\352\236\176\277\153\026\240\353\265\307\374\222\124
\057\053\021\047\045\067\170\114\121\152\260\363\314\130\135\024
\361\152\110\029\377\302\007\266\261\151\171\164\120\106\263
\075\277\001\123\011\172\262\131\124\017\076\064\173\170\155\126\223
\056\163\352\146\050\170\315\035\024\277\240\217\057\056\270\056
\216\362\024\212\314\351\124\174\373\154\235\014\245\341\226
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

CKA_NSS_Mozilla_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
ck_a_trust_step_up_approved CK_BBOOL CK_FALSE

# Certificate "Buypass Class 2 Root CA"
#
# Issuer: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO
# Serial Number: 2 (0x2)
# Subject: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO
# Not Valid Before: Tue Oct 26 08:38:03 2010
# Not Valid After : Fri Oct 26 08:38:03 2040
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Buypass Class 2 Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\116\061\013\036\060\011\006\003\125\004\006\023\002\116\117\061
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163
\040\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\116\061\013\036\060\011\006\003\125\004\006\023\002\116\117\061
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163
\040\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\027
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\131\106\020\202\003\101\124\000\03\002\001\002\002\001\002
\060\015\006\011\052\206\110\206\367\015\001\001\13\005\000\060
\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061\035
\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163
\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040\060
\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163
\010\131\141\163\163\040\062\040\122\157\157\164\040\103\101
\036\027\015\061\060\061\060\060\070\063\070\060\063\132
\027\015\064\060\061\060\062\066\060\070\063\070\060\063\132\060
\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061\035
\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163

open source used in intelligent node manager 3.x 3.3.0 3697
"# Trust for "Buypass Class 2 Root CA"
# Issuer: CN=Buypass Class 2 Root CA,O=Buypass AS-983163327,C=NO
# Serial Number: 2 (0x2)
# Not Valid Before: Tue Oct 26 08:38:03 2010
# Not Valid After : Fri Oct 26 08:38:03 2040
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Buypass Class 2 Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\117\012\164\164\336\207\012\107\376\130\356\366\307\153\353\306
\101\022\100\231
# Certificate "Buypass Class 3 Root CA"

# Issuer: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO
# Serial Number: 2 (0x2)
# Subject: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO
# Not Valid Before: Tue Oct 26 08:28:58 2010
# Not Valid After : Fri Oct 26 08:28:58 2040

# Certificate "Buypass Class 3 Root CA"

cka_cert_md5_hash_multiline_octal
\106\247\322\376\105\373\144\132\250\131\220\233\170\104\233\051

cka issuer multiline_octal
\060\116\061\013\060\001\11006\003\125\004\006\023\002\116\117\061
\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163
\163\040\101\123\055\071\070\063\061\066\063\063\062\067\061\040
\060\036\006\003\125\004\003\014\027\102\165\171\160\141\163\163
\040\103\154\141\163\163\040\062\040\122\157\157\164\040\103\101

cka serial number multiline_octal
\002\001\002

cka trust server auth cka trust ckt NSS trusted delegator
cka trust email protection cka trust ckt NSS must verify trust
cka trust code signing cka trust ckt NSS must verify trust
cka trust step up approved cka bool cka false
# Trust for "Buypass Class 3 Root CA"
# Issuer: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO
# Serial Number: 2 (0x2)
# Subject: CN=Buypass Class 3 Root CA,O=Buypass AS-983163327,C=NO
# Not Valid Before: Tue Oct 26 08:28:58 2010
# Not Valid After : Fri Oct 26 08:28:58 2040
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Buypass Class 3 Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\332\372\367\372\146\204\354\006\217\024\120\275\307\302\201\245\274\251\144\127
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\075\073\030\236\054\144\012\165\171\160\141\163\040\101\123\055\071\107\063\061\066\063\063\062\067\061\040\060\036\006\033\125\004\012\014\024\102\165\171\160\141\163\163\040\103\154\141\141\163\163\040\063\040\122\157\157\164\040\103\101\002\001\002
END
CKA_ISSUER MULTILINE_OCTAL
\060\116\061\013\060\011\006\003\125\004\006\023\002\116\117\061\035\060\033\006\003\125\004\012\014\024\102\165\171\160\141\163\163\040\101\123\055\071\107\063\061\066\063\063\062\067\061\040\060\036\006\033\125\004\003\014\027\102\165\171\160\141\163\163\040\103\154\141\141\163\163\040\063\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\002
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "T-TeleSec GlobalRoot Class 3"
#
# Issuer: CN=T-TeleSec GlobalRoot Class 3,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
# Serial Number: 1 (0x1)
# Subject: CN=T-TeleSec GlobalRoot Class 3,OU=T-Systems Trust Center,O=T-Systems Enterprise Services
# Not Valid After : Sat Oct 01 23:59:59 2033
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "T-TeleSec GlobalRoot Class 3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\137\060
\103\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\1045
\160\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\145\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\002\001\001
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_VALUE MULTILINE_OCTAL
\000\037\060\035\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\137\060
\103\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\1045
\160\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\145\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\063
END

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CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "T-TeleSec GlobalRoot Class 3"
# Issuer: CN=T-TeleSec GlobalRoot Class 3,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE
# Serial Number: 1 (0x1)
# Subject: CN=T-TeleSec GlobalRoot Class 3,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE
# Not Valid After : Sat Oct 01 23:59:59 2033
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "T-TeleSec GlobalRoot Class 3"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\125\246\162\076\313\362\354\315\303\043\164\160\031\235\052\276
\021\343\201\321
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\312\373\100\250\116\071\222\212\035\376\216\057\304\047\352\357
END

CKA_ISSUER MULTILINE_OCTAL
\060\021\202\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END

# Explicitly Distrust "TURKTRUST Mis-issued Intermediate CA 1", Bug 825022
# Issuer: O=T..RKTRUST Bilgi ..leti..im ve Bili..im G..venli..i Hizmetleri A...,C=TR,CN=T..RKTRUST Elektronik Sunucu Sertifikas.., Hizmetleri
# Serial Number: 2087 (0x827)
# Subject: CN=*.EGO.GOV.TR,OU=EGO BILGI ISLEM,O=EGO,L=ANKARA,ST=ANKARA,C=TR
# Not Valid Before: Mon Aug 08 07:07:51 2011
# Not Valid After : Tue Jul 06 07:07:51 2021

**CKA_CLASS** CK_OBJECT_CLASS CKO_NSS_TRUST
**CKA_TOKEN** CK_BBOOL CK_TRUE
**CKA_PRIVATE** CK_BBOOL CK_FALSE
**CKA_MODIFIABLE** CK_BBOOL CK_FALSE
**CKA_LABEL** UTF8 "TURKTRUST Mis-issued Intermediate CA 1"
**CKA_ISSUER** MULTILINE_OCTAL
\060\201\254\061\075\060\073\006\003\125\004\003\014\064\124\303\234\122\113\124\122\125\123\124\040\105\154\145\153\164\162\157\156\151\153\040\123\165\156\165\143\165\040\123\145\162\164\151\146\151\153\141\163\304\261\040\110\151\172\155\145\164\154\145\162\151\153\061\013\060\001\125\004\006\023\002\124\122\061\136\060\134\006\003\125\004\012\141\125\124\303\234\122\113\124\122\125\123\124\040\105\154\147\151\154\040\304\260\154\145\164\151\153\023\171\155\154\151\304\237\151\040\110\151\172\155\145\164\154\162\151\150\010\106\305\236\056\040\050
**END**

**CKA_SERIAL_NUMBER** MULTILINE_OCTAL
\002\002\010\047
**END**

**CKA_TRUST_SERVER_AUTH** CK_TRUST CKT_NSS_NOT_TRUSTED
**CKA_TRUST_EMAIL_PROTECTION** CK_TRUST CKT_NSS_NOT_TRUSTED
**CKA_TRUST_CODE_SIGNING** CK_TRUST CKT_NSS_NOT_TRUSTED
**CKA_TRUST_STEP_UP_APPROVED** CK_BBOOL CK_FALSE

# Explicitly Distrust "TURKTRUST Mis-issued Intermediate CA 2", Bug 825022
# Issuer: O=T..RKTRUST Bilgi ..leti..im ve Bili..im G..venli..i Hizmetleri A...,C=TR,CN=T..RKTRUST Elektronik Sunucu Sertifikas.. Hizmetleri
# Serial Number: 2148 (0x864)
# Subject: E=ileti@kktcmerkezbankasi.org,CN=e-islem.kktcmerkezbankasi.org,O=KKTC Merkez Bankasi,L=Lefkosa,ST=Lefkosa,C=TR
# Not Valid Before: Mon Aug 08 07:07:51 2011
# Not Valid After : Thu Aug 05 07:07:51 2021

**CKA_CLASS** CK_OBJECT_CLASS CKO_NSS_TRUST
**CKA_TOKEN** CK_BBOOL CK_TRUE
**CKA_PRIVATE** CK_BBOOL CK_FALSE
**CKA_MODIFIABLE** CK_BBOOL CK_FALSE
**CKA_LABEL** UTF8 "TURKTRUST Mis-issued Intermediate CA 2"
**CKA_ISSUER** MULTILINE_OCTAL
\060\201\254\061\075\060\073\006\006\003\125\004\003\014\064\124\303


# Certificate "D-TRUST Root Class 3 CA 2 2009"

# Issuer: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE
# Serial Number: 623603 (0x983f3)
# Subject: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE
# Not Valid Before: Thu Nov 05 08:35:58 2009
# Not Valid After : Mon Nov 05 08:35:58 2029

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_ID UTF8 "0"

END

CKA_ISSUER MULTILINE_OCTAL

\060\115\061\013\060\011\006\003\125\004\006\023\020\014\010\050\061
\025\060\023\006\003\125\004\012\014\014\010\055\124\162\165\163
\164\040\107\155\142\110\006\014\070\060\045\006\003\125\004\003\014
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154

END

CKA_ISSUER MULTILINE_OCTAL

\060\115\061\013\060\011\006\003\125\004\006\023\020\014\010\050\061
\025\060\023\006\003\125\004\012\014\014\010\055\124\162\165\163
\164\040\107\155\142\110\006\014\070\060\045\006\003\125\004\003\014
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\010\144

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_ID UTF8 "0"

END

CKA_ISSUER MULTILINE_OCTAL

\060\115\061\013\060\011\006\003\125\004\006\023\020\014\010\050\061
\025\060\023\006\003\125\004\012\014\014\010\055\124\162\165\163
\164\040\107\155\142\110\006\014\070\060\045\006\003\125\004\003\014
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\010\144

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "D-TRUST Root Class 3 CA 2 2009"

# Issuer: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE
# Serial Number: 623603 (0x983f3)
# Subject: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE
# Not Valid Before: Thu Nov 05 08:35:58 2009
# Not Valid After : Mon Nov 05 08:35:58 2029

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_ID UTF8 "0"

END

CKA_ISSUER MULTILINE_OCTAL

\060\115\061\013\060\011\006\003\125\004\006\023\020\014\010\050\061
\025\060\023\006\003\125\004\012\014\014\010\055\124\162\165\163
\164\040\107\155\142\110\006\014\070\060\045\006\003\125\004\003\014
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\010\144

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_NOT_TRUSTED
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "D-TRUST Root Class 3 CA 2 2009"

# Issuer: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE
# Serial Number: 623603 (0x983f3)
# Subject: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE
# Not Valid Before: Thu Nov 05 08:35:58 2009
# Not Valid After : Mon Nov 05 08:35:58 2029

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_ID UTF8 "0"

END

CKA_ISSUER MULTILINE_OCTAL

\060\115\061\013\060\011\006\003\125\004\006\023\020\014\010\050\061
\025\060\023\006\003\125\004\012\014\014\010\055\124\162\165\163
\164\040\107\155\142\110\006\014\070\060\045\006\003\125\004\003\014
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\060\063\062\060\062\060\065\062\065\064\067\062\060\062\060\060\071\054\011\017
\075\010\045\055\012\016\015\016\016\016\045\062\060\060\010\071\055\014\021\000\005\004
\010\075\010\041\055\007\114\013\051\016\015\016\016\016\051\016\015\013\014\041\014\014
\016\015\016\015\017\014\016\016\015\017\015\016\015\016\016\040\010\03
\024\010\011\024\000\072\060\075\015\016\016\014\060\072\057\057\016\017\016\017
\056\014\045\051\016\016\016\016\014\056\015\016\045\016\014\057\014\016\014
\057\014\045\051\016\016\016\016\014\017\016\017\015\016\014\013\015
\014\016\016\013\016\016\036\013\017\016\017\016\017\016\017\017\016
\014\016\012\015\016\016\060\015\016\016\016\016\016\016\016\016\016\016
\014\015\015\015\015\015\015\011\015\015\015\015\015\015\015\015\015\015
\010\050\00\00\03\02\00\00\100\00\00\177\227\333\060\310\337\244\234\175
\041\017\200\016\016\024\022\151\210\024\225\140\014\001\254\262
\351\060\117\233\120\032\214\63\030\176\215\060\265\160\061\135\134
\151\130\363\160\333\040\025\206\320\015\360\276\254\001\165\204
\316\176\237\115\277\267\140\073\234\363\312\035\342\136\150\330
\243\235\227\345\100\140\322\206\060\041\137\63\202\264\270\027\332\164
\243\177\324\037\260\230\002\254\157\153\153\054\045\044\162\241
\145\356\045\132\345\346\062\347\362\333\253\111\372\363\220\151
\043\333\004\331\347\134\130\374\145\324\227\276\314\374\056\012
\314\045\052\065\004\370\140\221\025\165\075\101\377\043\037\031
\310\154\333\020\123\004\246\344\114\042\115\215\214\272\316\133
\163\235\144\124\120\153\321\234\125\273\151\303\066\303\214\274
\074\205\246\153\012\046\015\340\223\230\140\256\176\306\044\227
\212\141\137\221\126\146\222\011\207\066\315\213\333\055\076\2466
\121\132\241\203\324\131\050\275\203\362\314\050\173\123\216\155\330
\046\210\160\032\375\222\131\150\067\271\312\030\220\156\132\066\136
\164\145\327\134\376\243\342
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "D-TRUST Root Class 3 CA 2 2009"
# Issuer: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE
# Serial Number: 623603 (0x983f3)
# Subject: CN=D-TRUST Root Class 3 CA 2 2009,O=D-Trust GmbH,C=DE
# Not Valid Before: Thu Nov 05 08:35:58 2009
# Not Valid After : Mon Nov 05 08:35:58 2029
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST Root Class 3 CA 2 2009"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\130\350\253\260\066\025\063\373\200\367\233\033\155\051\323\377
\215\137\000\360
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\315\340\045\151\215\107\254\234\211\065\220\367\375\121\075\057
END
CKA_ISSUER MULTILINE_OCTAL
\060\151\061\013\060\001\110\066\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\066\104\060\045\006\003\125\004\003\014
\036\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\011\203\363
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
#
# Certificate "D-TRUST Root Class 3 CA 2 EV 2009"
#
# Issuer: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE
# Serial Number: 623604 (0x983f4)
# Subject: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE
# Not Valid Before: Thu Nov 05 08:50:46 2009
# Not Valid After : Mon Nov 05 08:50:46 2029
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "D-TRUST Root Class 3 CA 2 EV 2009"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\120\061\103\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\066\105\060\050\006\003\125\004\003\014
\041\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\062\060\060\071
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\103\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\104\055\124\162\165\163
\164\040\107\155\142\110\066\105\060\050\006\003\125\004\003\014
\041\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3711
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\011\203\364

END

CKA_VALUE MULTILINE_OCTAL
\060\202\004\103\060\202\003\053\240\003\002\001\002\002\003\011
\203\364\060\015\060\001\052\206\110\206\367\015\001\010\13\005
\000\060\120\061\130\060\011\006\003\125\004\006\023\002\104\105
\061\102\060\023\006\003\125\004\012\014\104\055\124\162\165
\163\164\040\107\155\142\110\052\060\050\006\003\125\004\003
\014\041\104\055\124\122\125\123\124\040\122\157\157\164\040\103
\154\141\163\163\040\063\040\103\101\040\062\040\010\105\126
\126\107\106\003\060\207\011\061\060\050\006\003\125
\040\010\13\141\163\163\040\063\040\013\101\010\062\040\010\126
\040\062\060\060\071\060\020\001\014\026\002\015\060\011\052\206\110
\126\063\071\015\001\001\000\005\000\003\202\002\001\07\000\060\202\001
\012\002\020\020\001\001\000\023\136\110\046\160\172\057\267\060\240
\121\027\15\140\043\17\276\14\227\42\233\137\52\227\322\172\021\147
\122\60\07\11\366\020\116\22\5\042\163\21\15\33\2\25\055\34\005
\137\043\1\163\3\042\267\21\26\3\000\274\074\075\254\241\154\33\326
\17\11\045\1\13\25\3\060\31\144\33\2\20\076\051\270\017\011\32\326
\33\50\13\365\142\32\134\131\15\33\13\36\03\011\7\14\13\02\56\324
\036\326\014\133\025\132\33\072\270\030\040\144\036\34\360\326
\265\21\167\11\014\27\33\11\22\4\153\023\227\157\022\243\37\623\1
\251\004\314\025\354\140\15\066\355\010\173\267\165\277\223\355
\146\061\12\03\21\4\036\161\064\207\11\062\73\252\257\213\22\1\15\34
\126\101\25\060\24\067\136\067\362\33\035\33\132\155\053\105\151\112
\247\76\1\4\260\21\0\2\0\2\5\275\30\7\0\2\61\3\14\1\24\360\276\072
\035\271\131\133\261\152\37\626\4\261\106\040\24\23\37\30\63\73\160
\357\22\23\30\175\21\14\6\322\6\326\3\05\35\205\160\255\051\104\637
\036\004\076\034\20\30\0\17\31\13\12\20\31\142\17\4\356\21\13\123\225
\220\251\127\24\33\252\14\10\053\300\371\115\304\047\372\156\255\355
\137\137\22\121\67\153\12\4\5\02\0\0\0\0\0\0\0\1\24\3\0\20\0\104\040
\02\0\0\104\060\01\17\060\03\125\03\23\01\0\1\37\0\2\4\0\2\5\060
\003\3\001\001\173\77\006\035\006\033\125\03\016\040\26\00\24\323
\224\21\141\42\02\30\5\105\6\147\257\162\21\17\5\66\327\232
\034\334\147\060\16\060\03\125\03\017\00\0\1\37\0\2\4\0\2\5\060
\002\0\0\100\060\20\13\35\006\033\125\03\037\04\20\132\25\060\201
\032\20\0\201\20\24\0\20\12\0\2\61\17\154\144\141\110
\07\02\057\057\144\151\162\145\143\164\157\162\171\056\144\055\164
\162\165\163\164\056\156\145\164\057\013\116\075\104\055\124\122
\125\123\124\045\062\060\100\122\157\157\164\045\062\060\100\103\154\141
\163\163\045\062\060\063\045\062\060\100\103\101\105\062\060\060\071\054\117\075\104\055
\124\162\165\163\164\045\062\060\100\107\155\142\110\105\044\103\075\104
\105\077\143\145\162\164\151\146\151\143\143\141\164\145\165\166
\157\143\141\164\165\157\165\154\151\163\164\060\100\240\104\0240
\102\206\100\150\164\164\160\072\057\057\167\167\167\056\144\055
\164\162\165\163\164\056\156\145\164\057\164\162\154\057\144\055
\164\162\165\163\164\167\162\157\164\164\137\141\134\141\163\163
\137\063\137\143\141\137\062\137\145\166\137\062\060\060\071\056
\143\162\154\060\015\050\102\102\102\106\367\015\000\101\013
\005\000\032\202\001\100\000\064\355\173\132\074\244\224\210\0357
\032\021\165\150\075\157\136\074\137\036\121\046\353\207\366\051
\336\340\363\132\134\134\060\044\011\035\130\137\125\033\264\060\331\136
\032\376\006\121\124\062\252\244\055\357\262\113\277\040\050\045\111
\321\124\066\167\064\350\144\337\122\261\021\307\163\172\315\071
\236\022\255\214\161\041\362\132\153\257\337\074\116\125\257\262
\204\145\024\112\171\167\313\035\062\176\317\243\155\317\157\110
\122\062\106\157\347\161\214\240\246\204\031\067\006\362\003\010
\010\053\206\165\174\337\137\151\127\000\333\156\330\246\162\024
\113\120\324\165\230\126\337\267\030\377\103\103\120\256\172\104
\173\360\171\121\327\103\075\247\323\201\323\360\311\117\271\332
\306\227\206\320\202\303\344\102\155\376\260\342\144\116\016\046
\347\100\064\046\265\010\211\327\101\143\143\070\047\165\036\063
\352\165\250\335\237\231\117\164\115\202\112\200\113\333\232\227
\051\134\057\276\201\101\271\214\377\352\175\140\006\236\315\327
\075\323\056\243\025\274\250\346\046\345\157\303\334\270\003\041
\352\237\026\361\054\124\265
END

**CAK_NSS MOZILLA CA POLICY** CK_BBOOL CK_TRUE

**CAK_NSS SERVER DISTRUST AFTER** CK_BBOOL CK_FALSE

**CAK_NSS EMAIL DISTRUST AFTER** CK_BBOOL CK_FALSE

# Trust for "D-TRUST Root Class 3 CA 2 EV 2009"
# Issuer: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE
# Serial Number: 623604 (0x983f4)
# Subject: CN=D-TRUST Root Class 3 CA 2 EV 2009,O=D-Trust GmbH,C=DE
# Not Valid Before: Thu Nov 05 08:50:46 2009
# Not Valid After : Mon Nov 05 08:50:46 2029

**CAK_CLASS** CK_OBJECT_CLASS CKO_NSS_TRUST

**CAK_TOKEN** CK_BBOOL CK_TRUE

**CAK_PRIVATE** CK_BBOOL CK_FALSE

**CAK_MODIFIABLE** CK_BBOOL CK_FALSE

**CAK_LABEL** UTF8 "D-TRUST Root Class 3 CA 2 EV 2009"

**CAK_CERT SHA1 HASH** MULTILINE_OCTAL

\226\311\033\013\225\264\020\230\102\372\320\330\042\171\1376140
\372\271\026\203\END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\252\103\054\136\055\315\021\002\117\266\END
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\040\055\124\162\165\163
\164\040\107\155\142\110\061\052\060\050\006\003\125\004\003\014
\041\104\055\124\122\125\123\124\040\122\157\157\164\040\103\154
\141\163\163\040\063\040\103\101\040\062\040\105\126\040\062\060
\060\071\END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\011\203\364\END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "CA Disig Root R2"
#
# Issuer: CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK
# Serial Number:00:92:b8:88:db:b0:8a:c1:63
# Subject: CN=CA Disig Root R2,O=Disig a.s.,L=Bratislava,C=SK
# Not Valid Before: Thu Jul 19 09:15:30 2012
# Not Valid After : Sat Jul 19 09:15:30 2042
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CA Disig Root R2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT_MULTILINE_OCTAL
\060\122\061\013\060\011\006\003\125\004\006\023\002\123\113\061
\023\060\021\006\003\125\004\007\023\012\021\162\141\164\151\163
\154\141\166\141\061\123\060\021\106\003\125\004\012\023\012\104
\151\163\151\147\040\141\056\163\056\061\031\060\027\106\003\125
\004\003\023\020\103\101\040\104\151\163\151\147\040\122\157\157
\164\040\122\062\END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\122\061\013\060\011\006\003\125\004\006\023\002\123\113\061
OPENSSL Used In Intelligent Node Manager 3.X 3.3.0

# Trust for "CA Disig Root R2"
# Issuer: CN=CA Disig Root R2, O=Disig a.s., L=Bratislava, C=SK
# Serial Number: 00:92:b8:88:db:b0:8:ac:1:63
# Subject: CN=CA Disig Root R2, O=Disig a.s., L=Bratislava, C=SK
# Not Valid Before: Thu Jul 19 09:15:30 2012
# Not Valid After: Sat Jul 19 09:15:30 2042
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CA Disig Root R2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\265\141\353\352\244\336\344\045\113\151\032\230\245\127\107\302\064\307\331\161
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\046\001\373\330\047\247\027\232\105\124\070\032\103\001\073\003
END
CKA_ISSUER MULTILINE_OCTAL
\060\122\061\013\060\001\110\060\003\125\004\006\023\002\123\113\061\023\060\021\006\003\125\004\007\023\012\102\162\141\164\151\163\154\141\166\141\061\023\060\021\006\003\125\004\012\023\012\104\151\163\151\147\040\141\056\163\056\016\031\060\027\006\003\125\004\003\023\020\103\101\040\104\151\163\151\147\040\122\157\157\164\040\122\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\222\270\210\333\260\212\301\143
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "ACCVRAIZ1"
# Issuer: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1
# Serial Number: 5e:6b:47:7f:af:e0
# Subject: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ACCVRAIZ1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\102\061\101\111\132\061\061\102\060\016\006\003\125\004\013\014
\007\120\113\111\101\103\126\061\015\060\013\006\003\125\004
\012\014\004\010\103\103\126\061\013\060\011\006\003\125\004\006
\023\002\105\123
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\102\061\102\020\060\020\006\003\125\004\003\014\011\101\103\013
\126\122\101\111\132\061\061\102\060\016\006\003\125\004\013\014
\007\120\113\111\101\103\126\061\015\060\013\006\003\125\004
\012\014\004\010\103\103\126\061\013\060\011\006\003\125\004\006
\023\002\105\123
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\136\303\267\246\103\177\244\340
END
CKA_VALUE MULTILINE_OCTAL
\060\202\007\323\060\202\005\273\240\003\002\001\002\002\010\136
\303\267\246\103\177\244\340\060\150\060\011\02\06\10\02\063\676
\015\001\001\005\000\006\060\102\06\102\06\020\006\003\125\004
\003\014\010\111\103\103\126\122\101\111\132\061\061\102\060\016
\006\003\125\004\013\014\007\120\113\111\101\103\132\061\101\15
\060\003\013\006\003\125\004\012\014\004\101\103\103\126\061\013\060
\011\100\003\125\004\006\023\002\105\123\060\036\027\150\061\161
\060\065\060\065\060\071\106\067\063\067\132\027\150\063\060\161
\062\063\061\106\071\063\067\063\067\132\060\102\061\022\060\020
\006\003\125\004\003\014\011\101\103\103\103\126\122\101\111\132\061
\061\102\060\106\100\003\125\004\013\014\007\120\113\111\101\103
\103\126\061\101\150\060\013\006\003\125\004\012\104\004\101\103\103
\126\061\101\130\006\003\125\004\006\023\002\105\123\060\200
\002\042\060\150\006\011\052\206\110\206\367\015\001\001\000\1005
\000\003\020\002\017\000\006\060\202\020\12\02\02\02\020\001\000\233
\251\125\027\77\141\112\122\27\257\057\227\146\232\164\137\320\331\226
\375\173\342\344\146\357\037\307\107\063\302\104\243\337\232\336
\037\265\124\335\025\174\015\065\021\157\023\310\014\216\152\030
\036\330\217\331\026\274\020\110\066\134\360\143\263\220\132\134

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3718
# Trust for "ACCVRAIZ1"
# Issuer: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1
# Serial Number:5e:c3:b7:a6:43:7f:a4:e0
# Subject: C=ES,O=ACCV,OU=PKIACCV,CN=ACCVRAIZ1
# Not Valid Before: Thu May 05 09:37:37 2011
# Not Valid After : Tue Dec 31 09:37:37 2030
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ACCVRAIZ1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
DB2300517221022503061173162105073722210261122050170
274123144027
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
DB2301412323560052266011222404122111753612620512202002 END
CKA_ISSUER MULTILINE_OCTAL
DB06012020610220600200600312500040030140111101103103
12612210111113206106102006016006003125004013014
00712011131110101031031260610150601306003125004
01201400401101031031260610130601100600312500406
023002105123
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
00201013630326722610311772244340
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
# Certificate "TWCA Global Root CA"

# Issuer: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW
# Serial Number: 3262 (0xcbe)
# Subject: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW
# Not Valid After: Tue Dec 31 15:59:59 2030

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TWCA Global Root CA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

END

CKA_ID UTF8 "0"

END

CKA_ISSUER Multiline_Octal

END

CKA_SERIAL_NUMBER Multiline_Octal

END

CKA_VALUE Multiline_Octal

END
OPEN SOURCE USED IN INTELLIGENT NODE MANAGER 3.X

3.3.0  3724

113\215\260\350\254\310\356\245\151\004\231\012\222\246\253\047
\056\032\115\201\277\204\332\160\036\255\076\376\351\12\235\063
\340\062\271\304\105\010\041\012\332\215\115\163\162\015\276\064
\376\024\212\255\030\065\327\242\232\357\345\070\307\245\205
\037\253\317\064\334\077\050\376\014\361\217\206\116\311\125\367
\034\063\230\245\175\066\121\175\235\233\207\012\220\371\201\160\041\145
\261\266\341\027\171\225\105\006\136\171\314\013\431\150
\104\125\223\364\144\160\240\075\235\050\055\303\071\160\270\142
\173\040\375\344\333\351\010\101\241\270\236\075\011\307\117\373\054
\370\023\166\101\336\122\340\034\127\032\235\003\274\167\236\176
\326\051\136\367\301\121\140\037\336\332\013\262\055\165\267\103
\110\223\347\366\171\036\020\135\200\131\140\224\234\374\170\230\021
\074\023\121\135\100\220\007\337\144\143\044\313\116\161\005\241
\327\224\032\210\062\361\142\164\042\256\245\246\330\022\151\114
\140\043\002\356\053\354\324\143\222\031\362\276\057\166\015\3243
\266\046\274\217\003\330\012\362\114\144\106\275\071\142\345\226
\353\064\143\021\050\031\222\035\61\255\357\334\200\130\110\031
\113\270\352\145\254\351\374\200\265\265\310\057\315\254\031\237
\331\271\352\142\210\216\304\361\111\231\030\022\255\346\123\204\326
\236\023\353\023\030\030\237\152\273\300\044\40\006\160\314\354\367
\062\263\134\331\117\175\357\236\264\437\363\110\043\303\044\356\025
\222\261\075\221\117\046\206\275\146\163\044\023\352\244\256\143
\301\255\175\204\003\074\020\170\206\033\171\343\304\363\362\004
\225\040\256\043\202\304\263\072\000\142\277\346\066\044\314\127
\272\037\036\220\165\325\137\077\225\141\053\301\073\315\345\263
\150\141\320\106\046\251\041\122\151\055\353\056\307\353\167\316
\246\072\265\003\063\117\166\321\134\134\124\001\135\313\170\364
\311\104\277\317\022\216\027\055\043\150\224\347\253\376\251\262
\053\006\320\004\315

END

CKA_NSS MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "TWCA Global Root CA"
# Issuer: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW
# Serial Number: 3262 (0xcbe)
# Subject: CN=TWCA Global Root CA,OU=Root CA,O=TAIWAN-CA,C=TW
# Not Valid After : Tue Dec 31 15:59:59 2030

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TWCA Global Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
OPEN SOURCE USED IN INTELLIGENT NODE MANAGER 3.X 3.3.0 3725

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\234\273\110\123\366\244\366\323\122\244\350\062\122\125\140\023
\365\255\257\110\123\112\226
END
CKA_ISSUER MULTILINE_OCTAL
\060\121\061\013\060\001\110\006\003\125\004\006\023\002\124\127\061
\022\060\020\006\003\125\004\012\230\111\124\101\111\127\101\116
\055\103\101\061\020\060\016\006\003\125\004\013\023\007\122\157
\157\164\040\013\101\061\010\063\032\060\003\125\004\003\023\023
\124\127\103\101\040\107\154\157\142\141\154\040\122\157\157\164
\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\002\014\276
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
#
# Certificate "TeliaSonera Root CA v1"
#
# Issuer: CN=TeliaSonera Root CA v1,O=TeliaSonera
# Subject: CN=TeliaSonera Root CA v1,O=TeliaSonera
# Not Valid Before: Thu Oct 18 12:00:50 2007
# Not Valid After : Mon Oct 18 12:00:50 2032
CKA_CLASS CK_OBJECT_CLASS CKC_X_509
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TeliaSonera Root CA v1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\067\061\024\060\022\006\003\125\004\012\014\013\124\145\154
\151\141\123\157\156\145\162\141\061\037\060\035\006\003\125\004
\003\014\026\124\145\154\151\141\123\157\156\145\162\141\040\122
\157\157\164\040\103\101\040\166\061
END
CKA_ID UTF8 "0"
CKA_ISSUER_MULTILINE_OCTAL
\060\067\061\024\060\022\006\003\125\004\012\014\013\124\145\154
\151\141\123\157\156\145\162\141\061\037\060\035\006\003\125\004
OPEN SOURCE USED IN INTELLIGENT NODE MANAGER 3.X 3.3.0 3725
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
# Trust for "TeliaSonera Root CA v1"
# Issuer: CN=TeliaSonera Root CA v1,O=TeliaSonera
# Subject: CN=TeliaSonera Root CA v1,O=TeliaSonera
# Not Valid Before: Thu Oct 18 12:00:50 2007
# Not Valid After: Mon Oct 18 12:00:50 2032

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TeliaSonera Root CA v1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\103\023\273\226\361\325\206\233\301\116\152\222\366\317\366\064
\151\207\202\067
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\067\101\111\033\030\126\232\046\365\255\302\146\373\100\245\114
END
CKA_ISSUER MULTILINE_OCTAL
\060\067\061\024\060\022\006\003\125\004\012\014\013\124\145\154
\151\141\123\157\156\145\162\141\061\037\060\035\006\003\125\004
\003\014\026\124\145\154\151\141\123\157\156\145\162\141\040\122
\157\157\164\040\103\101\040\166\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\225\276\026\240\367\056\106\361\173\071\202\162\372
\213\315\226
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "E-Tugra Certification Authority"
# Issuer: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im Teknolojileri ve Hizmetleri A.....L=Ankara,C=TR
# Serial Number:6a:68:3e:9c:51:9b:cb:53
# Subject: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im Teknolojileri ve Hizmetleri A.....L=Ankara,C=TR
# Not Valid Before: Tue Mar 05 12:09:48 2013
# Not Valid After: Fri Mar 03 12:09:48 2023
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "E-Tugra Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\262\061\013\060\000\11\006\000\03\125\004\006\023\002\124\122
\061\107\060\105\006\003\125\004\007\014\006\010\115\153\141\162
\141\061\100\060\076\060\003\125\004\012\014\067\105\055\124\165
\304\237\162\141\040\105\102\107\040\102\151\154\151\305\237\151
\155\040\124\145\153\156\157\154\157\152\151\154\145\162\151\040
\166\145\040\110\151\172\155\145\164\154\145\162\151\040\101\056
\305\236\056\061\046\060\004\000\03\125\004\013\014\035\105\055
\124\165\147\162\141\040\102\145\162\164\151\146\151\153\141\163
\171\157\156\040\115\145\162\153\145\172\151\061\105\060\046\006
\003\125\004\003\014\037\105\055\124\165\147\162\141\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\262\061\013\060\000\11\006\000\03\125\004\006\023\002\124\122
\061\107\060\105\006\003\125\004\007\014\006\010\115\153\141\162
\141\061\100\060\076\060\003\125\004\012\014\067\105\055\124\165
\304\237\162\141\040\105\102\107\040\102\151\154\151\305\237\151
\155\040\124\145\153\156\157\154\157\152\151\154\145\162\151\040
\166\145\040\110\151\172\155\145\164\154\145\162\151\040\101\056
\305\236\056\061\046\060\004\000\03\125\004\013\014\035\105\055
\124\165\147\162\141\040\102\145\162\164\151\146\151\153\141\163
\171\157\156\040\115\145\162\153\145\172\151\061\105\060\046\006
\003\125\004\003\014\037\105\055\124\165\147\162\141\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\152\150\076\234\121\233\313\123
END
CKA_VALUE MULTILINE_OCTAL
\060\202\006\113\060\020\004\063\240\003\002\001\100\020\101\152
\150\076\234\121\233\313\123\060\150\006\011\105\2\206\110\206\367
\015\001\100\101\100\005\000\060\21\262\061\103\060\111\006\003\125
\004\006\023\002\124\122\061\107\060\150\006\003\125\004\007\014
\100\101\156\153\141\162\141\061\100\060\076\006\003\125\004\012
\014\067\105\055\124\165\304\237\162\141\040\105\102\107\040\102
\151\154\151\153\237\151\155\040\124\145\153\156\157\154\157\152
\151\154\151\162\151\040\166\145\040\110\151\172\155\145\164\154
\145\162\151\104\010\56\305\236\236\056\061\046\060\044\006\003\125

# Trust for "E-Tugra Certification Authority"
# Issuer: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im Teknolojileri ve Hizmetleri A.....,L=Ankara,C=TR
# Serial Number:6a:68:3e:9c:51:9b:cb:53
# Subject: CN=E-Tugra Certification Authority,OU=E-Tugra Sertifikasyon Merkezi,O=E-Tu..ra EBG Bili..im Teknolojileri ve Hizmetleri A.....,L=Ankara,C=TR
# Not Valid Before: Tue Mar 05 12:09:48 2013
# Not Valid After : Fri Mar 03 12:09:48 2023

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "E-Tugra Certification Authority"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\121\306\347\010\111\006\156\363\222\324\134\240\015\155\243\142
\217\303\122

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\270\241\003\143\260\275\041\161\160\212\157\023\072\273\171\111

CKA_ISSUER MULTILINE_OCTAL
\060\201\262\061\013\060\001\11\006\003\125\004\006\023\002\124\122
\061\107\060\150\060\003\125\004\006\023\002\124\122
\141\061\100\060\007\060\003\125\004\012\014\067\105\055\124\165
\304\237\162\141\040\105\102\107\040\102\151\154\151\305\237\151
\155\040\124\145\153\156\157\154\157\152\151\154\145\162\151\040
\166\145\040\110\151\172\155\145\164\154\145\162\151\040\101\056
\305\236\056\061\046\060\044\006\003\125\004\013\014\035\105\055
\124\165\147\162\141\040\123\145\162\164\151\146\151\153\141\163
\171\157\156\040\115\145\162\153\145\172\151\061\050\060\046\006
\003\125\004\030\140\037\105\055\124\165\147\162\141\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\152\150\076\234\121\233\313\123

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "T-TeleSec GlobalRoot Class 2"
# Issuer: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE
# Serial Number: 1 (0x1)
# Subject: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE
# Not Valid After : Sat Oct 01 23:59:59 2033

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "T-TeleSec GlobalRoot Class 2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\202\061\013\060\001\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\062
END

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\001\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\043\006\003\125\004\003\014\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\062
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001
END

CKA_VALUE MULTILINE_OCTAL
\060\202\003\03\006\011\005\22\061\10\02\00\00\10\02\00\01\00\10\02\10\02\00\10
\060\015\006\011\052\20\061\10\02\06\367\015\001\001\013\005\000\060
\201\02\06\10\03\06\00\10\06\00\125\004\006\023\002\104\105\061
\053\006\011\006\003\125\004\012\014\042\124\055\123\171\163\164
\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040\123
\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060\035

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3733
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "T-TeleSec GlobalRoot Class 2"
# Issuer: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE
# Serial Number: 1 (0x1)
# Subject: CN=T-TeleSec GlobalRoot Class 2,OU=T-Systems Trust Center,O=T-Systems Enterprise Services GmbH,C=DE
# Not Valid After : Sat Oct 01 23:59:59 2033
# Fingerprint (MD5): 2B:9B:9E:E4:7B:6C:1F:00:72:1A:CC:17:79:DF:6A
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "T-TeleSec GlobalRoot Class 2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\131\015\055\175\210\117\100\056\141\176\245\142\062\027\145\317
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\053\233\236\344\173\154\037\000\162\032\314\301\167\171\137\152
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\202\061\013\060\011\006\003\125\004\006\023\002\104\105
\061\053\060\051\006\003\125\004\012\014\042\124\055\123\171\163
\164\145\155\163\040\105\156\164\145\162\160\162\151\163\145\040
\123\145\162\166\151\143\145\163\040\107\155\142\110\061\037\060
\035\006\003\125\004\013\014\026\124\055\123\171\163\164\145\155
\163\040\124\162\165\163\164\040\103\145\156\164\145\162\061\045
\060\043\006\003\125\004\003\104\034\124\055\124\145\154\145\123
\145\143\040\107\154\157\142\141\154\122\157\157\164\040\103\154
\141\163\163\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3735
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Atos TrustedRoot 2011"
#
# Issuer: C=DE,O=Atos,CN=Atos TrustedRoot 2011
# Serial Number:5c:33:cb:62:2c:5f:b3:32
# Subject: C=DE,O=Atos,CN=Atos TrustedRoot 2011
# Not Valid Before: Thu Jul 07 14:58:30 2011
# Not Valid After : Tue Dec 31 23:59:59 2030
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Atos TrustedRoot 2011"
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\074\061\036\060\034\006\003\125\004\003\014\025\101\164\157
\163\040\124\162\165\163\164\145\144\122\157\157\164\040\062\060
\061\061\015\015\060\013\006\003\125\004\012\014\004\101\164\157
\163\061\013\060\011\006\003\125\004\006\023\002\104\105
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\134\063\313\142\054\137\263\062
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\167\060\202\002\137\240\003\002\001\002\002\010\134
\063\133\142\054\137\263\062\060\015\056\011\052\206\110\206\367
\015\001\001\013\005\000\060\074\061\036\060\034\006\003\125\004
\003\014\025\101\164\157\163\163\163\163\164\145\144\122
\157\157\164\040\062\060\061\061\015\056\013\006\003\125\004
\012\014\004\101\164\157\163\061\013\060\011\006\003\125\004\006
\023\002\010\140\105\060\036\027\015\061\061\010\067\060\067\061\064
\065\070\063\060\122\027\015\063\060\061\062\063\061\062\063\065
\071\065\071\132\060\074\106\136\060\034\006\003\125\004\003\014
\025\101\164\157\163\040\124\162\165\163\164\145\144\122\157\157

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3736
Open Source Used In Intelligent Node Manager 3.X 3.3.0  3737

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
# Trust for "Atos TrustedRoot 2011"
# Issuer: C=DE,O=Atos,CN=Atos TrustedRoot 2011
# Serial Number:5c:33:cb:62:2c:5f:cb:32
# Subject: C=DE,O=Atos,CN=Atos TrustedRoot 2011
# Not Valid Before: Thu Jul 07 14:58:30 2011
# Not Valid After : Tue Dec 31 23:59:59 2030

# Certificate "QuoVadis Root CA 1 G3"
# Issuer: CN=QuoVadis Root CA 1 G3,O=QuoVadis Limited,C=BM
# Subject: CN=QuoVadis Root CA 1 G3,O=QuoVadis Limited,C=BM
# Not Valid Before: Thu Jan 12 17:27:44 2012
# Not Valid After : Sun Jan 12 17:27:44 2042
Open Source Used In Intelligent Node Manager 3.X

3.3.0

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CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 1 G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\110\061\013\060\011\100\060\003\1\25\004\006\023\002\102\115\061\031\060\027\006\003\1\25\004\012\023\020\121\165\157\126\141\144\151\163\040\122\115\157\14\040\103\101\040\061\040\107\063\END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\100\060\003\1\25\004\006\023\002\102\115\061\031\060\027\006\003\1\25\004\012\023\020\121\165\157\126\141\144\151\163\040\122\157\157\14\040\103\101\040\061\040\107\063\END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\170\130\137\056\255\054\031\113\343\067\007\065\064\023\050\265\226\324\145\223\END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\140\060\202\003\1\10\240\003\002\001\002\002\024\170\130\137\056\255\054\031\113\343\067\007\065\064\023\050\265\226\324\145\223\END

CKA_VALUE_MULTI_TLINE_OCTAL
\060\02\005\140\060\02\003\1\10\240\003\002\001\002\002\024\170\130\137\056\255\054\031\113\343\067\007\065\064\023\050\265\226\324\145\223
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "QuoVadis Root CA 1 G3"
# Issuer: CN=QuoVadis Root CA 1 G3,O=QuoVadis Limited,C=BM
# Subject: CN=QuoVadis Root CA 1 G3,O=QuoVadis Limited,C=BM
# Not Valid Before: Thu Jan 12 17:27:44 2012
# Not Valid After : Sun Jan 12 17:27:44 2042
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "QuoVadis Root CA 1 G3"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

CKA_CERT_MD5_HASH MULTILINE_OCTAL

CKA_ISSUER MULTILINE_OCTAL

END

END

END
# Certificate "QuoVadis Root CA 2 G3"

# Issuer: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM
# Subject: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM
# Not Valid Before: Thu Jan 12 18:59:32 2012
# Not Valid After : Sun Jan 12 18:59:32 2042

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 2 G3"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\002\024\104\127\064\044\133\201\211\233\065\362\165\050
END

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\110\066\103\013\060\011\006\003\125\004\006\023\002\102\115\061
\031\060\027\060\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\020\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\062\040\107\063
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\170\130\137\056\255\054\031\113\343\067\007\065\064\023
\050\265\226\324\145\223
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
# Trust for "QuoVadis Root CA 2 G3"
# Issuer: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM
# Subject: CN=QuoVadis Root CA 2 G3,O=QuoVadis Limited,C=BM
# Not Valid Before: Thu Jan 12 18:59:32 2012
# Not Valid After : Sun Jan 12 18:59:32 2042
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 2 G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\011\074\141\363\213\213\334\175\125\337\165\070\002\005\000\341
\045\365\310\066
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\257\014\206\156\277\100\055\177\013\076\022\120\272\022\075\006
END
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\011\006\003\125\004\006\023\002\110\150\061
\031\060\027\000\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\151\151\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\011\040\062\040\010\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\104\127\064\044\133\201\012\023\036\362\316\027\053\073
\133\247\046\360\165\050
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "QuoVadis Root CA 3 G3"
#
# Issuer: CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM
# Subject: CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM
# Not Valid Before: Thu Jan 12 18:26:32 2012
# Not Valid After : Sun Jan 12 20:26:32 2042
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 3 G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\110\061\013\060\010\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063\040\107\063
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\110\061\013\060\010\006\003\125\004\006\023\002\102\115\061
\031\060\027\006\003\125\004\012\023\020\121\165\157\126\141\144
\151\163\040\114\151\155\151\164\145\144\061\036\060\034\006\003
\125\004\003\023\025\121\165\157\126\141\144\151\163\040\122\157
\157\164\040\103\101\040\063\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\056\365\233\002\050\247\333\172\377\325\243\251\356\275
\003\240\317\022\152\035
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\140\060\202\003\110\240\003\020\001\002\002\024\056
\365\233\002\050\247\333\172\377\325\243\251\356\275\003\240\317
\022\152\035\060\060\015\006\011\052\206\110\206\036\071\015\001\013
\005\000\060\011\061\013\060\011\006\003\125\004\006\023\002\102
\115\061\031\060\027\006\003\125\004\012\023\020\121\165\157\126
\141\144\151\163\040\114\151\155\151\164\145\144\061\036\060\034
\006\003\125\004\003\023\025\121\165\157\126\141\144\151\163\040
\122\157\157\164\040\103\101\040\063\040\107\063\060\036\027\015
\061\062\060\060\061\060\062\060\060\063\060\062\132\027\015\056
\062\060\060\061\061\062\062\060\062\060\063\060\062\132\026\110\061\013
\060\060\11\060\003\125\004\006\023\002\102\115\061\031\060\027\006
\003\125\004\012\023\020\121\165\157\126\141\144\151\163\040\114
\151\155\151\164\145\144\061\036\060\034\006\003\125\004\003\023
\025\121\165\157\126\141\144\151\163\040\122\157\157\164\040\103
\101\040\063\040\040\107\063\060\020\020\042\020\060\015\006\011\052\206
\110\206\036\071\015\001\010\001\005\000\003\020\020\017\000\060\020
\002\020\020\020\020\001\000\263\313\010\020\014\217\216\352\024\227
\247\062\050\121\260\066\171\50\114\030\263\157\072\043\024\221
\377\703\177\245\312\254\356\263\166\235\172\351\123\033\253\153
\061\333\337\021\132\141\257\305\245\032\171\074\212\114\377\254
\337\045\336\114\333\120\026\013\043\336\122\333\214\254\243\156
\026\020\073\024\441\113\062\121\137\302\260\026\070\176\353\103\342
\323\016\12\032\14\012\163\012\253\111\263\127\322\260\012\205
\235\111\074\033\264\333\006\023\363\001\071\040\103\033\006\352
\123\263\261\356\035\223\151\120\207\060\262\026\050\106\024\133\363\352
\211\011\135\103\270\005\106\121\206\365\131\107\076\033\157\001
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "QuoVadis Root CA 3 G3"
# Issuer: CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM
# Subject: CN=QuoVadis Root CA 3 G3,O=QuoVadis Limited,C=BM
# Not Valid Before: Thu Jan 12 20:26:32 2012
# Not Valid After : Sun Jan 12 20:26:32 2042
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "QuoVadis Root CA 3 G3"

CKA_CERT_SHA1_HASH CKO_NSS_TRUST
CKA_CERT_MD5_HASH CKO_NSS_TRUST
CKA_ISSUER CKO_NSS_TRUST
CKA_SERIAL_NUMBER CKO_NSS_TRUST

END
# Certificate "DigiCert Assured ID Root G2"

# Issuer: CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# Subject: CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):

# Fingerprint (SHA1):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\002\145\060\101\130\060\011\100\060\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\011\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\104\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\010\040
\122\157\157\164\040\107\062

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\145\060\101\130\060\011\100\060\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\104\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\010\040
\122\157\157\164\040\107\062

END

CKA_VALUE MULTILINE_OCTAL
\002\145\060\101\130\060\011\100\060\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\104\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\010\040
\122\157\157\164\040\107\062

END

END

END
\226\154\016\104\146\020\104\217\255\005\353\370\171\254\246\033
\350\067\064\235\123\311\141\252\242\122\257\112\160\026\206\030
\072\310\261\023\160\066\330\317\356\364\012\026\035\133\143\375
\007\234\242\272\331\001\162\134\363\115\301\335\016\261\034\015
\304\143\276\255\364\024\373\211\354\242\121\016\114\314\310\127
\100\320\156\003\252\315\014\216\211\231\123\154\360\074\060\257
\070\037\157\274\243\276\051\040\047\253\164\377\023\042\170\336
\227\122\125\036\205\125\124\040\003\356\256\300\117\126\336\067
\314\030\177\252\004\047\273\323\167\270\142\333\027\174\234\050
\042\023\163\154\170\046\365\212\051\0347
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "DigiCert Assured ID Root G2"
# Issuer: CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# Subject: CN=DigiCert Assured ID Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Assured ID Root G2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\241\113\110\331\103\356\012\016\100\220\017\074\340\244\300\221
\223\121\135\077
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\222\070\271\370\143\044\042\202\145\054\127\063\346\376\201\217\235
END
CKA_ISSUER MULTILINE_OCTAL
\060\145\061\103\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\115\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\044\060\042\006\003\125\004\003\023\033\104\151\147\151
\103\145\162\164\040\101\163\163\165\162\145\144\040\111\104\040
\122\157\157\164\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\013\223\034\072\326\071\147\352\147\043\277\303\257\232
\364\113

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3751
# Certificate "DigiCert Assured ID Root G3"

# Issuer: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Subject: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After: Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):

END

# Certificate "DigiCert Assured ID Root G3"

# Issuer: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Subject: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After: Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):

END

# Certificate "DigiCert Assured ID Root G3"

# Issuer: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Subject: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After: Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):

END

# Certificate "DigiCert Assured ID Root G3"

# Issuer: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Subject: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After: Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):

END

# Certificate "DigiCert Assured ID Root G3"

# Issuer: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Subject: CN=DigiCert Assured ID Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After: Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):

END
# Trust for "DigiCert Assured ID Root G3"
# Issuer: CN=DigiCert Assured ID Root G3, OU=www.digicert.com, O=DigiCert Inc, C=US
# Subject: CN=DigiCert Assured ID Root G3, OU=www.digicert.com, O=DigiCert Inc, C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After: Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Open Source Used In Intelligent Node Manager 3.3 3.3.0 3753
# Certificate "DigiCert Global Root G2"

# Issuer: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# Subject: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\141\061\013\060\001\010\060\003\012\050\004\012\023\014\014\147\151\103\145
\162\167\167\160\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\060\003\012\050\004\003\023\027\104\151\147\151
\103\145\162\164\040\0107\154\157\142\141\154\040\122\157\157\164
\040\107\062
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\012\050\004\001\023\014\014\147\151\103\145
\162\164\040\011\115\164\130\061\031\060\027\006\003\012\050\004\013\023
\020\167\167\160\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\060\003\012\050\004\003\023\027\104\151\147\151
\103\145\162\164\040\0107\154\157\142\141\154\040\122\157\157\164
\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\003\072\361\346\247\021\125\124\020\273\050\144\261\035\011
\372\345
END
CKA_VALUE MULTILINE_OCTAL
\060\202\003\216\060\020\200\02\166\240\003\012\001\010\02\160\020\003
\072\361\134\246\247\021\125\124\020\273\050\144\261\035\011
\372\345
END

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3755
CKA_NSS_MOZILLA_CA_POLICY  CK_BBOOL  CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER  CK_BBOOL  CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER  CK_BBOOL  CK_FALSE

# Trust for "DigiCert Global Root G2"
# Issuer: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# Subject: CN=DigiCert Global Root G2,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root G2"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\337\074\044\371\277\326\146\166\033\046\200\163\376\006\321\314
\215\117\202\244
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\344\246\212\310\124\254\122\102\106\012\375\162\110\033\052\104
END

CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\014\151\147\151\103\145
\162\144\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\062
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\003\072\361\346\247\021\125\124\027\050\144\261\035\011
\372\345
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "DigiCert Global Root G3"

# Issuer: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Subject: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\141\061\013\060\011\100\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\010\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\016\171\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\154\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\063
END
CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\141\061\013\060\011\100\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\010\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\016\171\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\036\006\003\125\004\003\023\027\104\151\147\151
\103\154\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\063
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\005\125\126\274\362\136\244\065\065\017\325\253
END

CKA_VALUE MULTILINE_OCTAL
\060\202\002\077\060\020\001\130\240\003\002\001\002\002\020\005
\125\126\274\362\136\244\065\065\017\325\253
\012\006\010\052\206\110\316\075\004\003\003\060\141\013\010\060
\011\006\003\125\004\006\023\002\125\123\061\025\060\023\006\003
\125\004\012\023\014\104\151\147\151\103\145\162\164\040\111\156
\143\061\013\060\027\006\003\125\004\013\023\020\167\167\167\156
\144\151\147\151\143\145\162\164\056\143\157\155\061\040\060\003
\006\003\125\004\003\023\027\104\151\147\151\103\145\162\164\040
\107\154\157\142\141\154\040\122\157\157\164\040\107\063\060\003
\027\015\010\063\060\070\060\061\061\062\060\060\060\060\060\132\027
\015\063\070\060\061\061\066\061\066\060\060\060\060\132\060\141
\061\013\060\011\006\003\125\004\006\023\002\125\123\061\025\060
\023\006\003\125\004\012\023\014\104\151\147\151\103\145\162\164
\040\111\156\143\061\013\060\027\006\003\125\004\013\023\020\167\167
\167\167\056\144\151\147\151\143\145\162\164\056\143\157\155\061
\040\060\036\006\003\125\004\003\023\027\104\151\147\151\103\145
\162\164\040\107\154\157\142\141\154\040\122\157\157\164\040\107
\063\060\166\060\020\006\007\052\206\110\316\075\002\000\010\060\005
\053\201\004\000\000\042\003\142\000\000\043\335\247\331\273\212\270\0013
\373\013\177\041\322\360\276\276\163\363\063\135\032\274\064\352
\336\036\233\274\320\225\366\306\143\320\013\272\141\133\121\106
\176\236\055\237\356\216\143\014\027\354\007\160\365\317\204\056
\100\023\324\350\077\011\155\073\255\323\244\024\131\066\170\0235
\003\103\356\020\023\154\162\336\256\210\247\241\153\265\103\316
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "DigiCert Global Root G3"
# Issuer: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Subject: CN=DigiCert Global Root G3,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Global Root G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\176\004\336\211\152\076\146\155\000\346\207\323\077\372\331\073
\350\075\064\236
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\365\135\244\120\245\373\050\176\036\017\015\314\226\127\126\312
END
CKA_ISSUER MULTILINE_OCTAL
\060\141\061\103\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\230\014\104\151\147\151\103\145
\162\164\040\011\115\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\040\060\003\125\004\003\230\027\041\151\147\151
\103\145\162\164\040\107\154\157\142\141\154\040\122\157\157\164
\040\107\063
END

Open Source Used In Intelligent Node Manager 3.X 3.3.0  3759
Open Source Used In Intelligent Node Manager 3.X 3.3.0  3760

# Certificate "DigiCert Trusted Root G4"
#
# Issuer: CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US
# Subject: CN=DigiCert Trusted Root G4,OU=www.digicert.com,O=DigiCert Inc,C=US
# Not Valid Before: Thu Aug 01 12:00:00 2013
# Not Valid After : Fri Jan 15 12:00:00 2038
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "DigiCert Trusted Root G4"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\041\060\037\006\003\125\004\003\023\030\014\151\147\151
\103\145\162\164\040\124\162\165\163\164\145\144\040\122\157\157
\164\040\017\064

END
CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\025\060\023\006\003\125\004\012\023\014\104\151\147\151\103\145
\162\164\040\111\156\143\061\031\060\027\006\003\125\004\013\023
\020\167\167\167\056\144\151\147\151\143\145\162\164\056\143\157
\155\061\041\060\037\006\003\125\004\003\023\030\014\151\147\151
\103\145\162\164\040\124\162\165\163\164\145\144\040\122\157\157
\164\040\017\064

END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\000\05\233\033\127\236\216\041\062\342\071\007\275\247\167
\165\13
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

END

Open Source Used In Intelligent Node Manager 3.X 3.3.0  3762
# Not Valid Before: Tue Jan 19 00:00:00 2010
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "COMODO RSA Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\015\031\060\011\006\003\012\059\011\006\003\012\059\004\010\010\023\022\010\017\016\014\011\014
\145\151\204\011\115\141\156\143\150\145\163\164\145\162\061\010\006\016\003\012\059\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\012\059\004\010\012\023\002\011\010\117\115\117\110\014\117
\040\010\101\040\114\115\115\115\116\145\145\144\061\015\003\012\059\004\003\023\020\117\115\117\104\117
\040\010\131\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171
END

CKA_ID UTF8 "0"
CKA_ISSUER_MULTILINE_OCTAL
\060\015\031\060\011\006\003\012\059\004\010\010\023\022\010\017\016\014\011\014
\145\151\204\011\115\141\156\143\150\145\163\164\145\162\061\010\006\016\003\012\059\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\012\059\004\010\012\023\002\011\010\117\115\117\104\117
\040\010\101\040\114\115\115\115\116\145\145\144\061\015\003\012\059\004\003\023\020\117\115\117\104\117
\040\010\131\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\114\252\371\312\333\143\157\340\037\367\16\330\133\003
\206\235
END

CKA_VALUE MULTILINE_OCTAL
\060\015\031\060\011\006\003\012\059\004\010\010\023\022\010\017\016\014\011\014
\145\151\204\011\115\141\156\143\150\145\163\164\145\162\061\010\006\016\003\012\059\004\007\023\007\123\141\154\146\157\162\144\061
\032\060\030\006\003\012\059\004\010\012\023\002\011\010\117\115\117\104\117
\040\010\101\040\114\115\115\115\116\145\145\144\061\015\003\012\059\004\003\023\020\117\115\117\104\117
\040\010\131\145\162\164\151\146\151\143\141\164\151\157\156\040\101
\165\164\150\157\162\151\164\171
END

Open Source Used In Intelligent Node Manager 3.X 3.3.0  3764
END

# Trust for "COMODO RSA Certification Authority"
# Issuer: CN=COMODO RSA Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Subject: CN=COMODO RSA Certification Authority,O=COMODO CA Limited,L=Salford,ST=Greater Manchester,C=GB
# Certificate "USERTrust RSA Certification Authority"

# Issuer: CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US
# Subject: CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US
# Not Valid Before: Mon Feb 01 00:00:00 2010
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (SHA-256):


```

# Trust for "USERTrust RSA Certification Authority"
# Issuer: CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US
# Subject: CN=USERTrust RSA Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US
# Not Valid Before: Mon Feb 01 00:00:00 2010
# Not Valid After : Mon Jan 18 23:59:59 2038
```

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

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**Open Source Used In Intelligent Node Manager 3.X 3.3.0 3770**
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "USERTrust RSA Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\053\217\033\127\063\015\273\242\320\172\154\121\367\016\351\015\332\271\255\216
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\033\376\151\321\221\267\031\063\243\162\250\017\341\125\345\265
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\210\061\013\060\001\106\000\031\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112
\145\161\163\145\171\061\024\060\022\066\003\125\004\007\023\013
\112\145\162\163\145\171\040\103\151\164\171\061\036\060\034\006
\003\125\004\012\023\025\124\150\145\140\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\165\163\164\040
\122\123\101\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\000\137\155\060\374\243\312\121\125\033\274\144\016\065
\003\055
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "USERTrust ECC Certification Authority"

# Issuer: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US
# Subject: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US
# Not Valid Before: Mon Feb 01 00:00:00 2010
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "USERTrust ECC Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\033\151\164\171\061\036\060\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\163\164\040
\105\103\030\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\023\060\021\006\003\125\004\010\023\012\116\145\167\040\112
\145\162\163\145\171\061\024\060\022\006\003\125\004\007\023\013
\112\145\162\163\145\171\040\033\151\164\171\061\036\060\034\006
\003\125\004\012\023\025\124\150\145\040\125\123\105\122\124\122
\125\123\124\040\116\145\164\167\157\162\153\061\056\060\054\006
\003\125\004\003\023\045\125\123\105\122\124\162\163\164\040
\105\103\030\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\202\134\213\231\305\322\161\126\336\315\211\200
\314\046
END

CKA_VALUE MULTILINE_OCTAL
\060\202\002\217\060\202\002\025\240\003\002\001\002\002\020\134
\213\231\305\132\224\305\322\161\126\336\315\211\200\314\046\060
\012\006\010\052\206\110\316\075\004\003\003\060\021\210\061\103
\060\011\006\003\125\004\006\023\002\125\123\061\023\060\021\006
\003\125\004\010\023\012\116\145\167\040\112\145\162\163\145\171
\061\024\060\022\006\033\125\004\007\023\013\112\145\162\163\145
\171\040\103\151\164\171\061\036\060\034\006\003\125\004\020\123
\025\124\150\145\040\125\123\105\122\124\122\125\123\124\120\116
\145\164\167\157\162\153\056\060\054\003\125\004\003\023
\045\125\123\105\122\124\162\163\164\040\105\103\030\040\103
\145\162\164\151\146\151\143\141\164\151\157
\150\157\162\151\164\171\060\036\027\015\061\060\060\062\060\061
\060\060\060\060\060\060\132\027\015\063\070\060\061\061\070\062
\063\065\071\065\071\132\060\021\210\061\103\060\011\006\003\125


```
\004\006\023\002\125\123\061\023\060\021\006\003\125\004\010\0023
\0121\161\145\167\040\112\145\162\163\145\171\061\024\060\022\006
\003\125\004\007\023\001\13\124\152\162\163\145\171\040\103\151\164
\171\061\036\060\034\006\003\125\004\012\023\025\124\150\145\040
\125\123\105\122\124\122\125\123\124\040\116\145\164\167\157\162
\153\061\056\060\054\006\003\125\004\003\023\004\025\124\123\105\122
\124\162\165\163\164\040\105\103\103\040\103\145\162\164\151\146
\151\113\141\164\151\157\115\040\101\165\164\150\157\162\151\116
\171\060\166\060\020\006\007\052\026\110\316\075\002\000\106\006\005
\053\201\004\000\042\003\142\000\004\032\254\124\132\251\137\1150
\043\347\172\325\044\151\123\306\132\330\113\253\306\325\266\321
\346\163\161\256\335\234\326\014\141\375\333\324\211\003\270\005
\024\354\127\163\356\135\077\342\041\126\316\367\324\121\171\1340
\243\203\176\055\227\320\141\130\361\231\133\344\052\221\143\253\177
\060\024\264\160\342\037\241\063\234\363\277\056\134\123\261\117\137
\263\175\062\177\212\064\343\171\171\123\102\126\100\100\006\0035\006
\003\125\035\016\000\042\006\004\024\020\72\334\110\120\063\341\173\011\302
\226\166\161\116\166\343\006\135\361\143\132\060\126\100\006\003\003
\125\035\017\001\001\137\004\004\003\002\001\100\006\000\17\006\003
\125\035\023\001\001\137\004\005\000\003\003\001\137\006\001\2006
\010\052\026\110\131\075\004\003\003\003\150\000\006\145\002\060
\066\147\241\026\010\334\344\227\000\101\035\116\276\341\143\001
\317\073\252\102\211\144\140\235\224\071\100\212\171\134\173\035
\372\144\271\356\026\102\263\277\123\020\113\304\354\344\261\115
\002\063\000\151\055\141\107\212\141\122\111\133\116\030\160\366\326
\104\326\156\363\203\272\155\130\275\043\331\126\110\352\357\304
\242\106\201\121\152\072\106\321\251\123\115\31\114\133\32\1135
\127\152\030
END

CKA_Mozilla_CA_POLICY CK_BBOOL CK_TRUE
CKA_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "USERTrust ECC Certification Authority"
# Issuer: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US
# Subject: CN=USERTrust ECC Certification Authority,O=The USERTRUST Network,L=Jersey City,ST=New Jersey,C=US
# Not Valid Before: Mon Feb 01 00:00:00 2010
# Not Valid After : Mon Jan 18 23:59:59 2038
# Fingerprint (SHA-256):
# Fingerprint (SHA1):
# CA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
# CA_TOKEN CK_BBOOL CK_TRUE
# CA_PRIVATE CK_BBOOL CK_FALSE
# CA_MODIFIABLE CK_BBOOL CK_FALSE
```
# Certificate "GlobalSign ECC Root CA - R5"

# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5
# Not Valid Before: Tue Nov 13 00:00:00 2012
# Not Valid After: Tue Jan 19 03:14:07 2038

## CKA_LABEL UTF8 "GlobalSign ECC Root CA - R5"

## CKA_CERTIFICATE_TYPE CK_Certificate

## CKA_SUBJECT MULTILINE_OCTAL

## CKA_SERIAL_NUMBER MULTILINE_OCTAL

## CKA_TOKEN CK_BBOOL CK_TRUE

## CKA_PRIVATE CK_BBOOL CK_FALSE

## CKA_MODIFIABLE CK_BBOOL CK_FALSE

## CKA_LABEL UTF8 "GlobalSign ECC Root CA - R5"

## CKA_CERTIFICATE_TYPE CK_Certificate

## CKA_SUBJECT MULTILINE_OCTAL

## CKA_SERIAL_NUMBER MULTILINE_OCTAL

## CKA_TOKEN CK_BBOOL CK_TRUE

## CKA_PRIVATE CK_BBOOL CK_FALSE

## CKA_MODIFIABLE CK_BBOOL CK_FALSE
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "GlobalSign ECC Root CA - R5"
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R5
# Not Valid Before: Tue Nov 13 00:00:00 2012
# Not Valid After : Tue Jan 19 03:14:07 2038
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign ECC Root CA - R5"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\037\044\306\060\315\244\030\357\040\151\377\255\072\033\151\252
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\237\255\037\034\002\036\212\272\027\164\070\020\14\242\274\010
END
CKA_ISSUER MULTILINE_OCTAL
\060\120\061\044\060\042\006\003\125\004\013\023\033\107\154\157
\142\141\154\123\151\147\156\040\105\103\103\104\122\157\157\164
\040\103\101\040\055\040\122\065\061\023\060\021\006\003\125\004
\101\023\012\107\154\157\142\141\154\123\151\147\156\012\023
\021\006\003\125\004\003\023\012\107\154\157\142\141\154\123\151
\147\156
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\140\131\111\340\046\056\273\125\371\012\167\212\164\1371
\112\330\154
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
## Certificate "Staat der Nederlanden Root CA - G3"

### Issuer: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL

### Serial Number: 10003001 (0x98a239)

### Subject: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL

### Not Valid Before: Thu Nov 14 11:28:42 2013

### Not Valid After: Mon Nov 13 23:00:00 2028

### Fingerprint (SHA-256):


### Fingerprint (SHA1):


### CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

### CKA_TOKEN CK_BBOOL CK_TRUE

### CKA_PRIVATE CK_BBOOL CK_FALSE

### CKA_MODIFIABLE CK_BBOOL CK_FALSE

### CKA_LABEL UTF8 "Staat der Nederlanden Root CA - G3"

### CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

### CKA_SUBJECT MULTILINE_OCTAL

```
\060\132\061\013\060\001\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\053\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\122\157\157\164\040\103\101\040\055\040\107\063
END
```

### CKA_ID UTF8 "0"

### CKA_ISSUER MULTILINE_OCTAL

```
\060\132\061\013\060\001\110\006\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\061
\053\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
\122\157\157\164\040\103\101\040\055\040\107\063
END
```

### CKA_SERIAL_NUMBER MULTILINE_OCTAL

```
\002\004\000\230\242\071
END
```

### CKA_VALUE MULTILINE_OCTAL

```
\060\020\005\164\060\020\003\134\240\000\003\002\001\002\002\002\004\000
\123\024\071\060\015\006\011\105\206\110\026\367\015\001\001\013
\005\000\006\013\206\013\036\011\060\003\125\004\006\023\002\116
\114\061\036\060\003\034\060\003\125\004\012\014\025\123\164\141\141
\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145
\156\061\103\060\051\006\003\125\004\003\014\042\123\164\141\141
\164\040\144\145\162\040\116\145\144\145\162\154\141\156\144\145
\156\040\122\157\157\164\040\103\101\040\055\040\107\063\060\036
\027\015\061\063\061\061\015\061\064\061\106\062\007\064\062\132\027
```
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "Staat der Nederlanden Root CA - G3"
# Issuer: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL
# Serial Number: 10003001 (0x98a239)
# Subject: CN=Staat der Nederlanden Root CA - G3,O=Staat der Nederlanden,C=NL
# Not Valid Before: Thu Nov 14 11:28:42 2013
# Not Valid After : Mon Nov 13 23:00:00 2028
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
Open Source Used In Intelligent Node Manager 3.X 3.3.0

CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Staat der Nederlanden Root CA - G3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\330\353\153\101\121\222\131\340\363\347\205\000\300\075\266\210
\227\311\356\374
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\013\106\147\007\333\020\057\031\214\065\120\140\321\013\364\067
END
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\13\106\001\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\145\162\154\141\156\144\145\156\061
\053\060\051\006\003\125\004\003\014\042\123\164\141\141\164\040
\144\145\162\040\116\145\145\162\154\141\156\144\145\156\040
\122\157\157\164\040\103\101\040\055\040\107\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\000\230\242\071
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Staat der Nederlanden EV Root CA"
#
# Issuer: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL
# Serial Number: 10000013 (0x98968d)
# Subject: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL
# Not Valid Before: Wed Dec 08 11:19:29 2010
# Not Valid After : Thu Dec 08 11:10:28 2022
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Staat der Nederlanden EV Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\130\061\13\060\011\100\003\125\004\006\023\002\116\114\061
\036\060\034\006\003\125\004\012\014\025\123\164\141\141\164\040
\144\145\162\040\116\145\145\162\154\141\156\144\145\156\061
\051\060\047\006\003\125\004\003\014\040\123\164\141\141\164\040
\144\145\162\040\116\145\144\145\162\154\141\156\144\145\156\040
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "Staat der Nederlanden EV Root CA"
# Issuer: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL
# Serial Number: 10000013 (0x98968d)
# Subject: CN=Staat der Nederlanden EV Root CA,O=Staat der Nederlanden,C=NL
# Not Valid Before: Wed Dec 08 11:19:29 2010
# Not Valid After : Thu Dec 08 11:10:28 2022
# Fingerprint (SHA-256):
...
Certificate "IdenTrust Commercial Root CA"

Issuer: CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US
Serial Number:0a:01:42:80:00:00:01:45:23:c8:44:b5:00:00:02
Subject: CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US
Not Valid Before: Thu Jan 16 18:12:23 2014
Not Valid After : Mon Jan 16 18:12:23 2034
Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "IdenTrust Commercial Root CA 1"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL

CKA_SERIAL_NUMBER MULTILINE_OCTAL

CKA_VALUE MULTILINE_OCTAL
OPEN SOURCE USED IN INTELLIGENT NODE MANAGER 3.X 3.3.0

# Trust for "IdenTrust Commercial Root CA 1"
# Issuer: CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US
# Serial Number:0a:01:42:80:00:00:01:45:23:c8:44:b5:00:00:00:02
# Subject: CN=IdenTrust Commercial Root CA 1,O=IdenTrust,C=US
# Not Valid Before: Thu Jan 16 18:12:23 2014
# Not Valid After : Mon Jan 16 18:12:23 2034
# Fingerprint (SHA-256):
# Fingerprint (SHA1):

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "IdenTrust Commercial Root CA 1"

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_CERT_SHA1_HASH MULTIline_OCTAL
\337\161\176\252\112\331\163\111\125\204\231\140\055\110\336\137
\274\360\072\045
END
CKA_CERT_MD5_HASH MULTIline_OCTAL
\263\076\167\163\165\356\240\323\343\176\111\143\111\131\273\307
END
CKA_ISSUER MULTIline_OCTAL
\060\112\060\010\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\047\060\045\006\003\125\004\003\023\036\111\144
\145\156\124\162\165\163\164\040\103\157\155\155\145\162\143\151
\141\154\040\122\157\157\164\040\103\101\040\061
END
CKA_SERIAL_NUMBER MULTIline_OCTAL
\002\020\012\001\102\200\000\000\001\105\043\310\104\265\000\000
\000\002
END
CKA_TRUST_SERVER_AUTH CK_Trust CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_Trust CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_Trust CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "IdenTrust Public Sector Root CA 1"
##
# Issuer: CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US
# Serial Number:0a:01:42:80:00:00:00:01:45:23:cf:46:7c:00:00:00:02
# Subject: CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US
# Not Valid Before: Thu Jan 16 17:53:32 2014
# Not Valid After : Mon Jan 16 17:53:32 2034
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "IdenTrust Public Sector Root CA 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTIline_OCTAL
\060\115\061\130\060\011\100\060\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\052\060\050\006\003\125\004\003\023\041\111\144
\145\156\124\162\165\163\164\040\120\165\142\154\151\143\040\123
\145\143\164\157\162\040\122\157\157\164\040\103\101\040\061
END
CKA_ID UTF8 "0"
# Trust for "IdenTrust Public Sector Root CA 1"
# Issuer: CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US
# Serial Number:0a:01:42:80:00:00:01:45:23:cf:46:7c:00:00:00:02
# Subject: CN=IdenTrust Public Sector Root CA 1,O=IdenTrust,C=US
# Not Valid Before: Thu Jan 16 17:53:32 2014
# Not Valid After : Mon Jan 16 17:53:32 2034
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "IdenTrust Public Sector Root CA 1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\272\051\101\140\167\230\077\364\363\357\362\061\005\073\056\352
\155\115\105\375
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\067\006\245\260\374\211\235\272\364\153\214\032\144\315\325\272
CKA_ISSUER MULTILINE_OCTAL
\060\011\061\130\060\011\006\003\125\004\006\023\002\125\123\061
\022\060\020\006\003\125\004\012\023\011\111\144\145\156\124\162
\165\163\164\061\105\200\060\006\003\125\004\003\023\041\111\144
\145\156\124\162\165\163\164\040\120\165\142\154\151\143\040\123
\145\143\164\157\162\040\122\157\157\164\040\103\101\040\061
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\012\001\102\200\000\000\001\105\043\317\106\174\000\000
\000\002
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Entrust Root Certification Authority - G2"
# Issuer: CN=Entrust Root Certification Authority - G2,OU="(c) 2009 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Serial Number: 1246989352 (0x4a538c28)
# Subject: CN=Entrust Root Certification Authority - G2,OU="(c) 2009 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Not Valid Before: Tue Jul 07 17:25:54 2009
# Not Valid After : Sat Dec 07 17:55:54 2030
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust Root Certification Authority - G2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\060\003\125\004\012\023\151\105\156\164\162\165
\163\164\054\040\111\11\156\143\056\061\050\060\046\006\003\125\004
\101\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\162\162
\155\163\060\017\106\006\070\006\003\125\004\013\023\060\050\143\051
\040\062\060\060\071\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\12\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\062
END

CKA_ID UTF8 "0"

CKA_ISSUER_MULTILINE_OCTAL
\060\201\276\061\013\060\011\006\006\003\125\004\006\023\002\125\123
\061\026\060\024\060\003\125\004\012\023\151\105\156\164\162\165
\163\164\054\040\111\11\156\143\056\061\050\060\046\006\003\125\004
\101\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\162\162
\155\163\060\017\106\006\070\006\003\125\004\013\023\060\050\143\051
\040\062\060\060\071\040\105\156\164\162\165\163\164\054\040\111
\156\143\056\040\055\040\146\157\162\040\141\165\164\150\157\162
\151\12\145\144\040\165\163\145\040\157\156\154\171\061\062\060
\060\006\003\125\004\003\023\051\105\156\164\162\165\163\164\040
\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151
\157\156\040\101\165\164\150\157\162\151\164\171\040\055\040\107
\062
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
# Trust for "Entrust Root Certification Authority - G2"

# Issuer: CN=Entrust Root Certification Authority - G2,OU="(c) 2009 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Serial Number: 1246989352 (0x4a538c28)
# Subject: CN=Entrust Root Certification Authority - G2,OU="(c) 2009 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Not Valid Before: Tue Jul 07 17:25:54 2009
# Not Valid After : Sat Dec 07 17:55:54 2030
# Fingerprint (SHA-256):

CAK_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CAK_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CAK_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
# Certificate "Entrust Root Certification Authority - EC1"

# Issuer: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use only",O="Entrust, Inc.";C=US
# Serial Number:00:a6:8b:79:29:00:00:00:00:50:d0:91:f9
# Subject: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use only",O="Entrust, Inc.";C=US
# Not Valid Before: Tue Dec 18 15:25:36 2012
# Not Valid After : Fri Dec 18 15:55:36 2037
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust Root Certification Authority - EC1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\004\112\123\214\050

END
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "Entrust Root Certification Authority - EC1"
# Issuer: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Serial Number:00:a6:8b:79:29:00:00:00:00:50:d0:91:f9
# Subject: CN=Entrust Root Certification Authority - EC1,OU="(c) 2012 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Not Valid Before: Tue Dec 18 15:25:36 2012
# Not Valid After : Fri Dec 18 15:55:36 2037
# Fingerprint (SHA-256):

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CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CFCA EV ROOT"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\126\061\133\060\011\100\060\003\125\004\006\023\002\103\116\061
\060\060\060\056\060\003\125\004\012\014\047\103\150\151\156\141\040
\106\151\156\141\156\143\151\141\154\040\013\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\061\025\060\023\006\003\125\004\003\014\014\033\106\103\101
\040\105\126\040\012\17\17\17\124
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\126\061\133\060\011\100\060\003\125\004\006\023\002\103\116\061
\060\060\060\056\060\003\125\004\012\014\047\103\150\151\156\141\040
\106\151\156\141\156\143\151\141\154\040\013\145\162\164\151\146
\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164
\171\061\025\060\023\006\003\125\004\003\014\014\033\106\103\101
\040\105\126\040\012\17\17\17\124
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\004\030\112\314\326
END
CKA_VALUE MULTILINE_OCTAL
\060\202\005\215\060\020\020\03\165\240\003\002\001\002\002\004\030
\112\14\326\060\015\006\011\105\206\011\102\065\015\001\001\013
\005\000\060\012\060\101\100\060\003\125\004\006\023\002\103
\116\061\060\060\056\060\003\125\004\012\014\047\103\150\151\156
\141\040\106\151\156\141\156\143\151\141\154\040\013\145\162\164
\151\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162
\151\164\171\061\025\060\023\006\003\125\004\003\014\014\033\106
\031\010\040\010\126\040\012\17\17\17\124\060\036\027\015\060\102
\060\070\060\070\060\063\060\067\060\061\132\027\015\062\071\061
\062\063\060\063\060\067\060\061\132\060\012\060\103\060\011
\006\063\012\050\004\006\023\002\103\116\061\106\060\056\060\031\125
\004\012\014\047\103\150\151\156\141\040\106\151\156\141\143\106
\151\141\154\040\103\145\162\164\150\157\162\151\143\141\164\151
\156\040\101\165\164\150\157\162\151\143\141\164\151
\156\040\101\165\164\150\157\162\151\143\141\164\151
\156\040\101\165\164\150\157\162\151\143\141\164\151
\003\012\050\004\003\014\014\033\106\010\103\101\040\010\126\040\012
\17\17\124\060\020\020\020\042\060\105\006\011\105\206\102\065\015
\001\010\010\010\005\000\003\120\020\020\017\000\060\020\020\012\020
\002\000\010\003\327\135\153\153\152\207\077\037\005\131\132\005\115\067
\26\16\334\230\053\216\025\035\372\223\113\027\202\041\161\020
\12\23\27\121\144\160\026\032\125\151\115\216\025\155\237\277\014
\033\021\340\243\147\326\014\254\317\042\256\257\167\124\052\113
\114\212\123\122\172\033\356\056\362\263\161\045\301\135\135\075
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "CFCA EV ROOT"
# Issuer: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN
# Serial Number: 407555286 (0x184accd6)
# Subject: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN
# Not Valid Before: Wed Aug 08 03:07:01 2012
# Not Valid After : Mon Dec 31 03:07:01 2029
# Fingerprint (SHA-256):
# Fingerprint (SHA1):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CFCA EV ROOT"

# Fingerprint (SHA256):
# Fingerprint (SHA1):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CFCA EV ROOT"

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "CFCA EV ROOT"
# Issuer: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN
# Serial Number: 407555286 (0x184accd6)
# Subject: CN=CFCA EV ROOT,O=China Financial Certification Authority,C=CN
# Not Valid Before: Wed Aug 08 03:07:01 2012
# Not Valid After : Mon Dec 31 03:07:01 2029
# Fingerprint (SHA-256):
# Fingerprint (SHA1):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CFCA EV ROOT"

# Fingerprint (SHA256):
# Fingerprint (SHA1):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "CFCA EV ROOT"
# Certificate "OISTE WISeKey Global Root GB CA"

# Issuer: CN=OISTE WISeKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH
# Subject: CN=OISTE WISeKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH
# Not Valid Before: Mon Dec 01 15:00:32 2014
# Not Valid After : Thu Dec 01 15:10:31 2039

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
CKA_SERIAL_NUMBER MULTILINE_OCTAL
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WISeKey Global Root GB CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

End

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "OISTE WISeKey Global Root GB CA"
# Issuer: CN=OISTE WISeKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH
# Subject: CN=OISTE WISeKey Global Root GB CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH
# Not Valid Before: Mon Dec 01 15:00:32 2014
# Not Valid After : Thu Dec 01 15:10:31 2039
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WISeKey Global Root GB CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\017\371\100\166\030\323\327\152\113\230\360\250\065\236\014\375
\047\254\314\355
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\244\353\271\141\050\056\267\057\230\260\065\046\220\231\121\035
END
CKA_ISSUER MULTILINE_OCTAL
\060\155\061\013\060\001\100\060\033\125\004\060\023\002\010\311\100\061
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3803
Certificate "$SZAFIR\ \text{ROOT CA2}"

# Issuer:\ \text{CN=SZAFIR\ \text{ROOT CA2},O=Krajowa\ Izba\ Rozliczeniowa\ S.A.,C=PL}
# Subject:\ \text{CN=SZAFIR\ \text{ROOT CA2},O=Krajowa\ Izba\ Rozliczeniowa\ S.A.,C=PL}
# Not Valid Before:\ Mon\ Oct\ 19\ 07:43:30\ 2015
# Not Valid After: Fri\ Oct\ 19\ 07:43:30\ 2035
# Fingerprint (SHA-256):

Open Source Used in Intelligent Node Manager 3.X 3.3.0
\360\364\101\021\354\077\107\215\077\162\207\371\073\375\244\157
\053\123\000\340\377\071\271\152\007\016\353\035\034\366\242\162
\220\313\202\075\021\202\213\322\273\237\052\257\041\346\143\206
\235\171\031\357\367\273\014\065\220\303\212\355\117\017\365\314
\022\331\244\076\273\240\374\040\225\137\117\046\057\021\043\203
\116\165\007\017\277\233\321\264\035\351\020\004\376\312\140\217
\242\114\270\255\317\341\220\017\315\256\012\307\135\173\267\120
\322\324\141\372\325\025\333\327\237\207\121\124\353\245\343\353
\311\205\240\045\040\067\373\216\316\014\064\204\341\074\201\262
\167\116\103\245\210\137\206\147\241\075\346\264\134\141\266\076
\333\376\267\050\305\242\007\256\265\312\312\215\052\022\357\227
\355\302\060\244\311\052\172\373\363\115\043\033\231\063\064\240
\056\365\251\013\077\324\135\341\317\204\237\342\031\302\137\212
\326\040\036\343\163\267
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
# Trust for "SZAFIR ROOT CA2"
# Issuer: CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL
# Subject: CN=SZAFIR ROOT CA2,O=Krajowa Izba Rozliczeniowa S.A.,C=PL
# Not Valid Before: Mon Oct 19 07:43:30 2015
# Not Valid After : Fri Oct 19 07:43:30 2035
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SZAFIR ROOT CA2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\342\122\372\225\077\355\333\044\140\275\156\050\363\234\314\317
\136\263\077\336
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\021\144\301\211\260\044\261\214\261\007\176\211\236\121\236\231
END
CKA_ISSUER MULTILINE_OCTAL
\060\121\061\013\060\011\006\003\125\004\006\023\002\120\114\061
\050\060\046\006\003\125\004\012\014\037\113\162\141\152\157\167
\141\040\111\172\142\141\040\122\157\172\154\151\143\172\145\156
\151\157\167\141\040\123\056\101\056\061\030\060\026\006\003\125
\004\003\014\017\123\132\101\106\111\122\040\122\117\117\124\040
\103\101\062
END

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3806


# Certificate "Certum Trusted Network CA 2"

# Issuer: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies S.A.,C=PL
# Subject: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies S.A.,C=PL
# Not Valid Before: Thu Oct 06 08:39:56 2011
# Not Valid After : Sat Oct 06 08:39:56 2046
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_ID UTF8 "0"

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3807
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "Certum Trusted Network CA 2"
# Issuer: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies S.A.,C=PL
# Subject: CN=Certum Trusted Network CA 2,OU=Certum Certification Authority,O=Unizeto Technologies S.A.,C=PL
# Not Valid Before: Thu Oct 06 08:39:56 2011
# Not Valid After : Sat Oct 06 08:39:56 2046
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum Trusted Network CA 2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\323\335\110\076\053\277\114\005\350\257\020\365\372\166\046\0317\323\334\060\222
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\155\106\236\331\045\155\010\043\133\136\164\175\036\047\333\362
END
CKA_ISSUER_MULTILINE_OCTAL
\060\201\200\061\013\060\011\006\003\125\004\006\023\002\120\114 \061\042\060\040\006\003\125\004\012\023\031\125\156\151\172\145 \164\157\040\124\145\143\150\156\157\154\157\147\151\145\163\040 \123\056\101\056\061\047\060\045\006\003\125\004\013\023\036\103 \145\162\164\165\155\040\103\145\162\164\151\146\151\143\141\164 \151\157\156\040\101\165\164\150\157\162\151\164\171\061\044\060 \042\006\003\125\004\003\023\033\103\145\162\164\165\155\040\124 \162\165\163\164\145\144\040\116\145\164\167\157\162\153\040\103 \101\040\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\041\326\320\112\117\045\017\311\062\067\374\252\136\022 \215\351
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Hellenic Academic and Research Institutions RootCA 2015"
#
# Issuer: CN=Hellenic Academic and Research Institutions RootCA 2015, O=Hellenic Academic and Research Institutions Cert. Authority, L=Athens, C=GR
# Serial Number: 0 (0x0)
# Subject: CN=Hellenic Academic and Research Institutions RootCA 2015, O=Hellenic Academic and Research Institutions Cert. Authority, L=Athens, C=GR
# Not Valid Before: Tue Jul 07 10:11:21 2015
# Not Valid After : Sat Jun 30 10:11:21 2040
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hellenic Academic and Research Institutions RootCA 2015"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\246\061\013\060\001\11\006\003\125\004\006\023\002\107\122
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156
\163\061\104\060\102\060\003\125\004\12\023\073\110\145\154
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165
\164\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003
\023\067\110\145\154\154\151\165\151\143\040\101\143\141\144\145
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150
\040\111\156\163\164\151\164\165\141\157\156\163\040\122\157
\157\164\103\101\040\062\060\101\065
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\201\246\061\103\060\011\100\003\125\004\006\023\002\107\122
\061\017\060\015\006\003\125\004\007\023\006\101\164\150\145\156
\163\061\104\060\102\060\003\125\004\12\023\073\110\145\154
\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\156
\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151
\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165
\164\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003
\023\067\110\145\154\154\151\165\151\143\040\101\143\141\144\145
\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150
\040\111\156\163\164\151\164\165\141\157\156\163\040\122\157
\157\164\103\101\040\062\060\101\065
END
# Trust for "Hellenic Academic and Research Institutions RootCA 2015"
# Issuer: CN=Hellenic Academic and Research Institutions RootCA 2015,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR
# Serial Number: 0 (0x0)
# Subject: CN=Hellenic Academic and Research Institutions RootCA 2015,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR
# Not Valid Before: Tue Jul 07 10:11:21 2015
# Not Valid After : Sat Jun 30 10:11:21 2040
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hellenic Academic and Research Institutions RootCA 2015"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\001\014\006\225\246\230\031\024\377\277\137\306\260\266\025\352\051\351\022\246
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\312\377\342\333\003\331\131\351\017\255\204\375\173\030\316
END
CKA_ISSUER_MULTILINE_OCTAL
\060\201\246\061\103\060\011\006\003\125\004\006\023\002\107\122\061\107\060\015\006\003\125\004\007\023\006\101\164\150\145\156\163\061\104\060\102\006\003\125\004\120\023\073\110\145\154\154\145\156\151\104\143\040\111\143\141\144\145\155\151\143\040\141\156\144\040\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165\164\151\157\156\163\040\103\145\162\164\056\040\101\165\164\150\157\162\151\164\171\061\100\060\076\006\003\125\004\003\023\067\110\145\154\154\145\156\151\143\040\101\143\141\144\145\155\151\143\040\141\162\143\150\040\111\156\163\164\151\164\165\164\151\157\156\163\040\122\157

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3814
# Certificate "Hellenic Academic and Research Institutions ECC RootCA 2015"
#
# Issuer: CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR
# Serial Number: 0 (0x0)
# Subject: CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR
# Not Valid Before: Tue Jul 07 10:37:12 2015
# Not Valid After: Sat Jun 30 10:37:12 2040
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hellenic Academic and Research Institutions ECC RootCA 2015"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

END
Open Source Used In Intelligent Node Manager 3.X 3.3.0  3817

# Trust for "Hellenic Academic and Research Institutions ECC RootCA 2015"
# Issuer: CN=Hellenic Academic and Research Institutions ECC RootCA 2015,O=Hellenic Academic and Research Institutions Cert. Authority,L=Athens,C=GR
# Serial Number: 0 (0x0)
# Not Valid Before: Tue Jul 07 10:37:12 2015
# Not Valid After : Sat Jun 30 10:37:12 2040

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hellenic Academic and Research Institutions ECC RootCA 2015"

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST


```
# Certificate "ISRG Root X1"
#
# Issuer: CN=ISRG Root X1,O=Internet Security Research Group,C=US
# Subject: CN=ISRG Root X1,O=Internet Security Research Group,C=US
# Not Valid Before: Thu Jun 04 11:04:38 2015
# Not Valid After : Mon Jun 04 11:04:38 2035
# Fingerprint (SHA-256):
# Certificate "ISRG Root X1"
# Issuer: CN=ISRG Root X1,O=Internet Security Research Group,C=US
# Subject: CN=ISRG Root X1,O=Internet Security Research Group,C=US
# Not Valid Before: Thu Jun 04 11:04:38 2015
# Not Valid After : Mon Jun 04 11:04:38 2035
# Fingerprint (SHA-256):
```
# Trust for "ISRG Root X1"
# Issuer: CN=ISRG Root X1,O=Internet Security Research Group,C=US
# Subject: CN=ISRG Root X1,O=Internet Security Research Group,C=US
# Not Valid Before: Thu Jun 04 11:04:38 2015
# Not Valid After : Mon Jun 04 11:04:38 2035
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ISRG Root X1"

END
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\312\275\052\171\241\007\152\061\362\035\045\066\065\313\003\235
\103\051\245\350
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\014\322\371\340\332\027\163\351\355\206\115\245\343\160\347\116
END
CKA_ISSUER MULTILINE_OCTAL
\060\117\061\013\060\001\110\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\156\164\145\162\156
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
\125\004\003\023\014\111\123\122\107\040\122\157\157\164\040\130
\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\201\000\202\202\203\317\260\322\100\343\131\104\143\340\273\143
\202\213\000
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "AC RAIZ FNMT-RCM"
#
# Issuer: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES
# Subject: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES
# Not Valid After : Tue Jan 01 00:00:00 2030
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE

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END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "AC RAIZ FNMT-RCM"
# Issuer: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES
# Subject: OU=AC RAIZ FNMT-RCM,O=FNMT-RCM,C=ES
# Not Valid After : Tue Jan 01 00:00:00 2030
# Fingerprint (SHA-256):
# Fingerprint (SHA1):
# CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
# CKA_TOKEN CK_BBOOL CK_TRUE
# CKA_PRIVATE CK_BBOOL CK_FALSE
# CKA_MODIFIABLE CK_BBOOL CK_FALSE
# CKA_LABEL UTF8 "AC RAIZ FNMT-RCM"
# CKA_CERT_SHA1_HASH MULTILINE_OCTAL
# CKA_CERT_MD5_HASH MULTILINE_OCTAL
# CKA_ISSUER MULTILINE_OCTAL
# CKA_SERIAL_NUMBER MULTILINE_OCTAL


BEGIN

# # Certificate "Amazon Root CA 1"
# # Issuer: CN=Amazon Root CA 1,O=Amazon,C=US
# Subject: CN=Amazon Root CA 1,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After: Sun Jan 17 00:00:00 2038
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\002\023\006\154\237\317\231\277\214\012\071\342\360\170\212\103\134\226\066\133\312
END

CKA_ID UTF8 "0"

CKA_ISSUER_MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\061
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\317\231\277\214\012\071\342\360\170\212\103\134\226\066\133\312
END

CKA_VALUE MULTILINE_OCTAL
\060\202\003\101\060\020\020\020\051\240\003\002\001\002\002\023\006
\154\237\317\231\277\214\012\071\342\360\170\212\103\134\226\066
\133\12\060\015\006\011\052\206\110\206\367\015\001\001\013\0005
\000\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157
Open Source Used In Intelligent Node Manager 3.X

3.3.0  3826
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "Amazon Root CA 1"
# Issuer: CN=Amazon Root CA 1,O=Amazon,C=US
# Subject: CN=Amazon Root CA 1,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After: Sun Jan 17 00:00:00 2038
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 1"

END
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\215\247\371\145\354\136\374\067\221\017\034\156\131\375\301\314
\152\156\336\026

END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\103\306\277\256\354\376\255\305\030\306\210\150\060\374\310\346
END
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\317\231\277\214\012\071\342\360\170\212\103
\346\226\066\133\312
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "Amazon Root CA 2"
#
# Issuer: CN=Amazon Root CA 2,O=Amazon,C=US
# Subject: CN=Amazon Root CA 2,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After: Sat May 26 00:00:00 2040
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 2"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\071\061\013\060\001\11\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\01\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\01\155\141\172\157
\156\040\122\157\157\164\040\013\010\040\062
END
CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\001\11\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\01\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\01\155\141\172\157
\156\040\122\157\157\164\040\013\010\040\062
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\322\226\065\206\237\012\017\345\206\170\370
\133\046\273\212\067
END

CKA_VALUE MULTILINE_OCTAL
\060\202\005\101\060\020\020\003\051\240\005\002\001\002\002\023\006
\154\237\322\226\065\206\237\012\017\345\206\170\370\133\046\273
\212\067\060\015\006\010\105\22\061\10\206\367\015\001\001\014\005
\000\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\017\060\015\006\003\125\004\012\023\006\01\155\141\172\157
\156\06\03\010\060\27\006\003\125\004\003\023\020\01\155\141\172
\157\156\04\012\12\157\157\164\040\013\010\040\062\060\036\027\015
\061\065\060\065\062\066\060\060\060\060\060\060\132\027\015\064
\060\060\065\062\066\060\060\060\060\060\060\132\060\071\061\013
\060\060\011\006\003\125\004\006\023\002\125\123\061\107\060\015\006
\003\125\004\012\023\006\01\155\141\172\157\156\061\031\060\027
\060\003\012\025\004\003\023\020\01\155\141\172\157\156\040\122\157
\157\164\040\103\101\040\062\060\020\020\022\020\020\015\060
\206\10\206\367\015\001\001\001\005\000\000\003\020\020\021\170\000\060
\202\002\001\02\020\020\020\010\000\255\226\237\055\234\12\11\141\112
\201\17\12\123\135\42\123\13\153\140\121\023\274\115\155\006\0374
\260\010\215\35\03\120\152\030\04\014\065\330\300\157\040\204
\351\22\26\123\230\05\003\033\11\235\03\037\0220\166\0331
\133\17\343\1\143\50\006\066\115\14\232\225\047\05\14\220\05\322
\324\006\03\1\140\254\067\104\171\205\201\022\255\132\067\340\015


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\1256\022\072\047\226\066\004\327\035\242\200\143\251\123\361\345
\272\264\174\024\246\016\311\261\037\164\137\070\366\121\352\233
\372\054\242\021\324\251\055\047\320\312\056\257\262\116\161\015
\300\130\106\262\151\006\314\123\313\263\376\153\101\135\101\176
\175\114\017\174\162\171\172\131\135\136\112\016\254\233\251\1230
\163\171\174\264\634\314\271\270\007\014\262\164\134\270\037\157
\210\241\120\247\364\252\371\277\147\072\364\032\025\142\036\267
\237\276\075\261\051\257\147\241\102\236\213\020\031\123\003\060
\033\270\032\111\366\243\252\277\003\162\234\011\363\035\213\041
\361\126\337\344\034\321\123\145\002\006\352\134\326\023\263\204
\357\242\245\134\124\167\051\247\150\300\153\256\100\322\250\264
\352\315\360\215\113\070\023\043\012\232\033\030\124\270\211\122\0357
\312\165\201\076\036\362\144\044\307\030\257\116\077\107\236\007
\366\065\145\244\332\012\126\277\365\027\144\154\357\250\042\045
\111\123\266\337\000\027\332\130\176\135\356\305\033\260\321\321
\137\041\020\037\371\136\237\200\012\047\007\305\361\132\360\307\232
\340\373\011\140\154
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "Amazon Root CA 2"
# Issuer: CN=Amazon Root CA 2,O=Amazon,C=US
# Subject: CN=Amazon Root CA 2,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After : Sat May 26 00:00:00 2040
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\132\214\357\105\327\246\230\131\166\172\214\213\104\226\265\170
\317\107\113\032
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\131\034\215\316\250\102\234\172\300\052\134\174\236\046\277\146
END

CKA_ISSUER MULTILINE_OCTAL
\066\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\230\061\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\011\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\062
```
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\325\164\227\066\146\077\073\013\232\331\350
\236\166\003\362\112
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Amazon Root CA 3"
#
# Issuer: CN=Amazon Root CA 3,O=Amazon,C=US
# Subject: CN=Amazon Root CA 3,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After : Sat May 26 00:00:00 2040
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\071\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\063
END

CKA_SUBJECT MULTILINE_OCTAL
\060\071\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\063
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\325\164\227\066\146\077\073\013\232\331\350
\236\166\003\362\112
END

CKA_VALUE MULTILINE_OCTAL
\060\202\001\133\240\003\002\001\002\002\023\006
\154\237\325\164\227\066\146\077\073\013\232\331\350\236\166\003
\362\112\060\012\006\010\052\206\110\316\075\004\003\002\060\071
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "Amazon Root CA 3"
# Issuer: CN=Amazon Root CA 3,O=Amazon,C=US
# Subject: CN=Amazon Root CA 3,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After : Sat May 26 00:00:00 2040
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\015\014\035\214\032\032\130\165\144\201\351\017\056\052
\18\17\17\15\17\15\14\14\13\12\12\12\11\11\09\09\08\08\07\07\06\06\05\05\04\04\03\03\02\02\01\01\00\00\01\01\02\02\03\03\04\04\05\05\06\06\07\07\08\08\09\09\10\10\11\11\12\12\13\13\14\14\15\15\16\16\17\17\18\18\19\19\20\20\21\21\22\22\23\23\24\24\25\25\26\26\27\27\28\28\29\29\30\30\31\31\32\32\33\33\34\34\35\35\36\36\37\37\38\38\39\39\40\40\41\41\42\42\43\43\44\44\45\45\46\46\47\47\48\48\49\49\50\50\51\51\52\52\53\53\54\54\55\55\56\56\57\57\58\58\59\59\60\60\61\61\62\62\63\63\64\64\65\65\66\66\67\67\68\68\69\69\70\70\71\71\72\72\73\73\74\74\75\75\76\76\77\77\78\78\79\79\80\80\81\81\82\82\83\83\84\84\85\85\86\86\87\87\88\88\89\89\90\90\91\91\92\92\93\93\94\94\95\95\96\96\97\97\98\98\99\99\100\100\101\101\102\102\103\103\104\104\105\105\106\106\107\107\108\108\109\109\110\110\111\111\112\112\113\113\114\114\115\115\116\116\117\117\118\118\119\119\120\120\121\121\122\122\123\123\124\124\125\125\126\126\127\127
END
# Certificate "Amazon Root CA 4"

# Issuer: CN=Amazon Root CA 4,O=Amazon,C=US
# Subject: CN=Amazon Root CA 4,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After : Sat May 26 00:00:00 2040
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 4"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT.MULTILINE_OCTAL
\002\012\015\006\123\017\006\154\012\012\006\023\006\125\157\157\167\156\015\157\164\003\101\010\004\006

CKA_ID UTF8 "0"

CKA_ISSUER.MULTILINE_OCTAL
\001\017\006\015\006\003\125\004\012\023\006\101\155\141\172\157\156\061\031\060\027\006\003\125\004\003\023\020\101\155\141\172\157\156\015\164\012\122\157\157\164\040\103\101\040\063

END

CKA_SERIAL_NUMBER.MULTILINE_OCTAL
\002\023\006\154\237\325\164\227\066\146\077\073\013\232\331\350\236\166\003\362\112

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\327\301\273\020\114\051\103\345\161\173\173
\054\103\032\301\016
END

CKA_VALUE MULTILINE_OCTAL
\060\202\001\136\262\060\022\001\170\240\003\002\001\002\002\023\006
\154\237\327\301\273\020\114\051\103\345\161\173\173\161\031\032
\301\106\060\012\000\061\010\052\206\110\316\075\004\003\003\060\071
\061\103\060\110\063\031\125\004\006\023\002\125\123\061\017\060
\015\006\003\125\004\012\023\061\011\155\141\172\157\156\061\031
\060\027\006\003\125\004\003\023\020\101\115\141\172\157\156\040
\122\157\157\164\040\101\104\040\064\060\036\027\015\061\065\060
\065\062\060\060\060\060\060\060\060\132\027\015\064\060\060\065
\062\060\060\060\060\060\060\060\060\132\060\071\061\013\060\011\006
\003\125\004\006\023\002\125\123\061\017\060\015\060\003\125\004
\012\023\061\011\155\141\172\157\156\061\031\060\027\060\003\125
\004\003\023\020\101\115\141\172\157\156\040\122\157\157\164\040
\103\101\040\064\060\166\060\020\000\067\052\206\110\316\075\002
\001\006\005\053\201\004\000\042\003\142\000\004\322\253\212\067
\117\243\123\019\376\301\121\173\113\250\173\106\111\143\260\142
\366\053\033\330\101\161\041\132\000\350\143\275\323\047\373\360
\071\156\135\352\075\245\311\021\125\242\333\040\230\105\135\026
\333\375\350\020\155\343\234\340\343\275\137\204\142\363\160\144
\063\240\313\044\057\160\207\212\024\140\252\240\165\370\101\256\142
\006\034\021\033\047\011\156\051\126\036\072\056\134\243\102\060\100
\060\017\006\003\125\035\023\001\001\377\004\005\060\003\001\000
\377\060\016\000\003\125\035\017\001\001\377\004\004\003\002\001
\060\060\035\006\003\125\035\016\004\026\004\024\323\354\307\072
\145\156\314\341\332\166\023\126\373\234\236\320\015\127\345\201
\060\012\006\010\052\206\110\316\075\004\003\030\031\150\000\060
\145\002\060\072\213\041\136\127\251\166\021\125\320\357\130\226\057
\326\353\235\176\220\215\053\317\146\125\303\034\334\050\251\160
\012\017\016\360\067\131\022\377\055\231\122\050\116\052\117\065
\115\063\132\020\160\035\321\165\001\160\107\030\047\222\022\222
\311\130\106\235\041\023\162\247\210\234\212\344\114\112\333\226
\324\254\213\135\153\111\022\123\063\255\327\344\276\044\374\265
\012\166\324\245\274\020
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for “Amazon Root CA 4”
# Issuer: CN=Amazon Root CA 4,O=Amazon,C=US
# Subject: CN=Amazon Root CA 4,O=Amazon,C=US
# Not Valid Before: Tue May 26 00:00:00 2015
# Not Valid After : Sat May 26 00:00:00 2040
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Amazon Root CA 4"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\366\020\204\007\326\370\273\147\230\014\302\342\104\302\353\256
\034\357\143\276
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\211\274\047\325\353\027\215\006\152\151\325\375\211\107\264\315
END
CKA_ISSUER MULTILINE_OCTAL
\060\071\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\017\060\015\006\003\125\004\012\023\006\101\155\141\172\157\156
\061\031\060\027\006\003\125\004\003\023\020\010\155\141\172\157
\156\040\122\157\157\164\040\103\101\040\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\023\006\154\237\327\301\273\020\114\051\103\345\161\173\173
\054\310\032\301\106
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# # Certificate "Symantec Class 1 Public Primary Certification Authority - G6"
# # Issuer: CN=Symantec Class 1 Public Primary Certification Authority - G6,OU=Symantec Trust Network,O=Symantec Corporation,C=US
# # Subject: CN=Symantec Class 1 Public Primary Certification Authority - G6,OU=Symantec Trust Network,O=Symantec Corporation,C=US
# # Not Valid Before: Tue Oct 18 00:00:00 2011
# # Not Valid After : Tue Dec 01 23:59:59 2037
# # Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Symantec Class 1 Public Primary Certification Authority - G6"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
0602012240610130600110060031125004006023002125123
061035000033000600311250040120230241231711551411156
164143143040103157162160157162141164151157156061
037060003500031250040130230261231711551411156
145143040124162165163164040116145164167157162153
0611050601030006031250040030230741231711551411156
164143143040103154141163163040061040120165142154
1511143040120162151155141162171040103145162164151
1461151143141164151157156040101165164150157162151
164171040055040107066
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
0602012240610130600110060031125004006023002125123
061035000033000600311250040120230241231711551411156
164143143040103157162160157162141164151157156061
0370600035000031250040130230261231711551411156
145143040124162165163164040116145164167157162153
0611050601030006031250040030230741231711551411156
164145143040103154141163163040061040120165142154
1511143040120162151155141162171040103145162164151
1461151143141164151157156040101165164150157162151
164171040055040107066
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
0020200440621653620357322011063367264152132132320
3633230
END
CKA_VALUE MULTILINE_OCTAL
06020200033660602020023362400003002001002003020044
0621653620350573220110633672641521323203633230060
01500061105202061102063701500100110130005000060201
1224061013060011006003112500400602300212512301035
0600330006031250040120230241231711551411156164145
1341400403157162160157162141164151157156061037060
03500600311250040130230261231711551411156164145143
040124162165163164040116145164167157162153061105
060601030060031250040030230741231711551411156164145
1431400403154141163163040061040120165142154151143
040120162151155141162171040103145162164151146151
143141146151157156040101165164150157162151
14400550401070660060030620701506106106106006107066
006006006006006006013202701506306706106206061062063
065071060511320602011224061013060111006003125004
00602300212512301103500603300603125004012023024
1231711551411561641451430403157162160157162141
Open Source Used In Intelligent Node Manager 3.X 3.3.0
# Trust for "Symantec Class 1 Public Primary Certification Authority - G6"
# Issuer: CN=Symantec Class 1 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Subject: CN=Symantec Class 1 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Not Valid Before: Tue Oct 18 00:00:00 2011
# Not Valid After : Tue Dec 01 23:59:59 2037
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Symantec Class 1 Public Primary Certification Authority - G6"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\121\177\141\036\051\221\153\123\202\373\162\347\104\331\215\303
\314\123\155\144
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\057\250\264\332\366\144\113\036\202\371\106\075\124\032\174\260
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\224\061\103\060\011\006\003\125\004\006\023\002\125\123
\061\035\060\033\006\003\125\004\012\023\024\123\171\155\141\156
\164\145\143\040\103\157\162\160\157\162\141\164\151\157\156\061
\037\060\035\006\003\125\004\013\023\026\123\171\155\141\156\164
\145\143\040\124\162\165\163\164\040\116\145\164\167\157\162\153
\061\105\060\013\006\003\125\004\003\023\074\123\171\155\141\156
\164\145\143\040\103\154\141\163\163\040\061\040\120\165\142\154
\151\143\040\120\162\151\155\141\162\171\040\103\145\162\164\151
\146\151\143\141\164\151\157\156\040\101\165\164\150\157\162\151
\164\171\040\155\040\107\066
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\044\062\165\362\035\057\322\011\063\367\264\152\312\320
\363\230
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
# Certificate "Symantec Class 2 Public Primary Certification Authority - G6"

# Issuer: CN=Symantec Class 2 Public Primary Certification Authority - G6,OU=Symantec Trust Network,O=Symantec Corporation,C=US


Subject: CN=Symantec Class 2 Public Primary Certification Authority - G6,OU=Symantec Trust Network,O=Symantec Corporation,C=US

Not Valid Before: Tue Oct 18 00:00:00 2011

Not Valid After: Tue Dec 01 23:59:59 2037


END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
# For Email Distrust After: Wed Aug 31 00:00:00 2022
CKA_NSS_EMAIL_DISTRUST_AFTER MULTILINE_OCTAL
\062\062\060\070\063\061\060\060\060\060\060\132
END

# Trust for "Symantec Class 2 Public Primary Certification Authority - G6"
# Issuer: CN=Symantec Class 2 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Subject: CN=Symantec Class 2 Public Primary Certification Authority - G6,OU=Symantec Trust
Network,O=Symantec Corporation,C=US
# Not Valid Before: Tue Oct 18 00:00:00 2011
# Not Valid After : Tue Dec 01 23:59:59 2037
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Symantec Class 2 Public Primary Certification Authority - G6"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\100\263\061\240\351\277\350\125\274\071\223\312\160\117\116\302
\121\324\035\217
END
# Certificate "D-TRUST Root CA 3 2013"

# Issuer: CN=D-TRUST Root CA 3 2013, O=D-Trust GmbH, C=DE
# Serial Number: 1039788 (0xfddac)
# Subject: CN=D-TRUST Root CA 3 2013, O=D-Trust GmbH, C=DE
# Not Valid Before: Fri Sep 20 08:25:51 2013
# Not Valid After : Wed Sep 20 08:25:51 2028
# Fingerprint (SHA-256):
# CKA_CLASS CK_OBJECT_CLASS CKC_X_509
# CKA_TOKEN CK_BBOOL CK_TRUE
# CKA_PRIVATE CK_BBOOL CK_FALSE
# CKA_MODIFIABLE CK_BBOOL CK_FALSE
# CKA_LABEL UTF8 "D-TRUST Root CA 3 2013"
# CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
# CKA_SUBJECT_MULTILINE_OCTAL
# CKA_ISSUER MULTILINE_OCTAL
# CKA_SERIAL_NUMBER MULTILINE_OCTAL
# CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
# CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
# CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
# CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

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Open Source Used In Intelligent Node Manager 3.0 3.3.0 3842


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\0600\033\125\035\037\004\201\266\060\201\263\060\0164\240\162\240
\1602\206\1561\1541\144\141\160\072\057\057\144\151\162\145\143\164
\157\162\17\10\056\144\055\164\162\165\163\164\056\156\145\164\057
\103\16\075\104\055\124\12\125\123\124\045\062\060\012\157\157
\164\045\062\060\010\104\056\02\060\063\03\045\062\060\062\060\061
\063\054\117\075\104\055\124\12\165\163\164\045\062\060\017\155
\142\110\054\13\075\104\055\077\143\145\162\164\151\146\151\143
\141\164\145\162\145\166\157\143\141\164\151\157\156\145\151\163
\164\046\073\124\006\124\067\260\065\150\164\164\160\072\057\057
\143\162\154\056\144\055\164\162\165\163\164\056\156\145\164\057
\143\162\154\057\144\055\164\162\165\163\164\137\162\157\157\164
\137\143\141\137\063\137\062\060\060\061\036\13\132\154\060\015
\006\011\052\206\10\206\367\015\001\001\013\005\000\003\202\001
\001\000\016\131\016\130\344\164\11\043\014\170\064\041\265\234
\024\032\255\232\11\13\267\263\241\055\134\251\027\160\036\005\232\237
\215\173\371\173\205\372\207\071\350\02\010\260\065\053\137\317
\002\022\232\233\234\310\13\036\13\056\012\45\256\067\223\004\011\175
\154\217\301\164\247\370\034\224\276\061\001\100\053\363\044\040
\267\204\125\054\13\10\036\156\112\02\031\213\243\307\355\065
\326\011\110\323\016\300\272\071\125\260\10\006\126\303\062\120
\131\032\276\374\173\261\053\317\176\142\207\125\226\314\001\157
\233\147\041\122\250\065\213\370\02\034\161\103\267\113\067\151\246
\073\326\354\213\356\301\260\063\045\311\217\222\175\241\1352\303
\312\012\247\046\245\164\222\234\334\164\353\235\161\433\131\115
\207\330\374\242\151\154\213\240\103\007\140\170\227\351\331\122
\174\302\106\274\233\067\122\243\355\210\074\023\251\173\123\113
\111\232\021\050\054\013\156\126\254\037\065\02\154\340\151\147
\265\016\155\050\333\134\300\025\361\077\372\030\162\341\1025\155
\047\133\050\060\050\053\237\110\232\144\055\321\357\362\165\111
\137\134
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "D-TRUST Root CA 3 2013"
# Issuer: CN=D-TRUST Root CA 3 2013,O=D-Trust GmbH,C=DE
# Serial Number: 1039788 (0xfddac)
# Subject: CN=D-TRUST Root CA 3 2013,O=D-Trust GmbH,C=DE
# Not Valid Before: Fri Sep 20 08:25:51 2013
# Not Valid After : Wed Sep 20 08:25:51 2028
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
```
 CKA_LABEL UTF8 "D-TRUST Root CA 3 2013"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\154\174\314\347\324\256\121\137\231\010\315\077\366\350\303\170
\337\157\357\227
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\267\042\146\230\176\124\003\340\301\161\346\165\315\126\105\277
END
CKA_ISSUER MULTILINE_OCTAL
\060\105\061\013\060\011\006\003\125\004\006\023\002\104\105\061
\025\060\023\006\003\125\004\012\014\014\010\055\124\162\165\163
\164\040\107\155\142\110\061\037\060\035\006\003\125\004\003\014
\026\104\055\124\122\125\123\124\040\122\157\157\164\040\103\101
\040\063\040\062\060\061\063
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\003\017\335\254
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
#
# Certificate "TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1"
#
# Issuer: CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1,OU=Kamu Sertifikasyon Merkezi - Kamu SM,O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu - TUBITAK,L=Gebze - Kocaeli,C=TR
# Serial Number: 1 (0x1)
# Subject: CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1,OU=Kamu Sertifikasyon Merkezi - Kamu SM,O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu - TUBITAK,L=Gebze - Kocaeli,C=TR
# Not Valid Before: Mon Nov 25 08:25:55 2013
# Not Valid After : Sun Oct 25 08:25:55 2043
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\322\061\013\060\011\006\003\125\004\006\023\002\124\122
\061\030\060\026\006\003\125\004\007\023\017\107\145\142\172\145
\040\055\040\113\157\143\141\145\154\151\061\102\060\100\006\003
\125\004\101\230\071\124\165\162\153\151\171\145\040\102\151\154
\151\155\163\145\154\040\166\145\040\124\145\153\156\157\154\157

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3845
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for “TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1”
# Issuer: CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1,OU=Kamu Sertifikasyon Merkezi - Kamu SM,O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu - TUBITAK,L=Gebze - Kocaeli,C=TR
# Serial Number: 1 (0x1)
# Subject: CN=TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1,OU=Kamu Sertifikasyon Merkezi - Kamu SM,O=Turkiye Bilimsel ve Teknolojik Arastirma Kurumu - TUBITAK,L=Gebze - Kocaeli,C=TR
# Not Valid Before: Mon Nov 25 08:25:55 2013
# Not Valid After: Sun Oct 25 08:25:55 2043
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "TUBITAK Kamu SM SSL Kok Sertifikasi - Surum 1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\325\042\245\015\212\361\223\016\076\124\016\260\330\311\116\334
\362\061\062\126\352\144\371\352\265\235\026\146\102\162\363\177
\323\261\061\103\374\244\216\027\361\155\043\253\224\146\370\255
\373\017\010\156\046\055\177\027\007\011\262\214\373\120\300\237
\226\215\317\260\375\000\235\132\024\232\277\002\104\365\301\302
\237\042\136\242\017\241\343
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\334\000\201\134\151\057\076\057\260\073\366\075\132\221\161\111
END

CKA_ISSUER MULTILINE_OCTAL
\060\201\322\061\103\060\011\006\003\125\004\006\023\002\124\122
\061\103\060\026\006\003\125\004\007\023\017\107\145\142\172\145
\040\055\040\113\157\143\141\145\154\151\061\102\060\100\006\003
\125\004\012\023\071\124\165\162\153\151\171\145\040\102\151\154
\151\155\163\145\154\040\166\145\040\124\145\153\156\157\154\157
\152\151\153\040\101\162\141\163\164\151\162\155\141\104\113\165
\162\165\155\165\040\055\040\124\125\102\111\124\101\113\061\055
\060\053\006\003\125\004\013\023\044\113\141\155\165\040\123\145
\162\164\151\146\151\153\141\163\171\157\156\040\115\145\162\153
\145\172\151\040\055\040\113\141\155\165\040\123\155\061\066\060
\064\006\003\125\004\003\023\055\124\125\102\111\124\101\113\104
\113\141\155\165\040\123\115\040\123\123\114\040\113\157\153\040
\123\145\162\164\151\146\151\153\141\163\151\040\055\040\123\165

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3848
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\001\001
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
#
# Certificate "GDCA TrustAUTH R5 ROOT"
#
# Issuer: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY
# CO.,LTD.",C=CN
# Serial Number: 7d:09:97:fe:f0:47:ea:7a
# Subject: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY
# CO.,LTD.",C=CN
# Not Valid Before: Wed Nov 26 05:13:15 2014
# Not Valid After: Mon Dec 31 15:59:59 2040
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GDCA TrustAUTH R5 ROOT"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\062\165\155\040\061\002\001\001
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\062\165\155\040\061\002\001\001
END
# Trust for "GDCA TrustAUTH R5 ROOT"
# Issuer: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY CO.,LTD." ,C=CN
# Serial Number: 7d:09:97:fe:f0:47:ea:7a
# Subject: CN=GDCA TrustAUTH R5 ROOT,O="GUANG DONG CERTIFICATE AUTHORITY CO.,LTD." ,C=CN
# Not Valid Before: Wed Nov 26 05:13:15 2014
# Not Valid After: Mon Dec 31 15:59:59 2040

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GDCA TrustAUTH R5 ROOT"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\017\066\070\133\201\032\045\303\233\061\116\203\312\351\064\146
\160\314\164\264
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\143\314\331\075\064\065\134\157\123\243\342\010\160\110\037\264
END
CKA_ISSUER MULTILINE_OCTAL
\060\142\061\013\060\011\006\003\125\004\012\014\051\107\125\010\116\107\040
\104\117\116\107\040\013\105\122\124\111\106\111\103\100\124\105
\040\101\125\124\110\117\122\111\124\131\104\103\117\056\054\114
\124\104\056\061\037\060\035\060\060\003\125\004\003\142\026\107\104
\103\101\040\124\162\165\163\164\101\125\124\110\040\122\065\040
\122\117\117\124
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\175\011\227\376\360\107\352\172
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "TrustCor RootCert CA-1"
#
# Issuer: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA
# Serial Number: 00:da:9b:ec:71:f3:03:b0:19
# Subject: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA
# Not Valid Before: Thu Feb 04 12:32:16 2016
# Not Valid After: Mon Dec 31 17:23:16 2029
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TrustCor RootCert CA-1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\017\060\015\060\006\003\125\004\006\023\002\120\101
\061\017\060\015\060\006\003\125\004\010\014\006\120\141\156\141\155
\141\014\024\060\002\22\006\003\125\004\007\014\013\120\141\156\141\154
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\101\143\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\036\040\144\145\040\122\056\114\056\010\147\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\104\013\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145
\162\164\040\103\101\055\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\020\124\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\017\060\015\060\006\003\125\004\010\014\006\120\141\156\141\155
\141\014\024\060\002\22\006\003\125\004\007\014\013\120\141\156\141\154
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\101\143\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\036\040\144\145\040\122\056\114\056\010\147\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\104\013\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145
\162\164\040\103\101\055\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\332\233\354\161\136\003\260\031
END
CKA_VALUE MULTILINE_OCTAL
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "TrustCor RootCert CA-1"
# Issuer: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA
# Serial Number:00:da:9b:ec:71:f3:03:b0:19
# Subject: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA
# Not Valid Before: Thu Feb 04 12:32:16 2016
# Not Valid After : Mon Dec 31 17:23:16 2029
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TrustCor RootCert CA-1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\377\275\315\247\202\310\013\136\074\157\046\206\134\312\250\072
\105\133\303\012
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\156\205\361\134\032\000\033\042\232\251\262\262\225\153\067\005\105
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\244\206\011\130\060\001\125\004\006\023\002\210\101
\061\107\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141

END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "TrustCor RootCert CA-1"
# Issuer: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA
# Serial Number:00:da:9b:ec:71:f3:03:b0:19
# Subject: CN=TrustCor RootCert CA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA
# Not Valid Before: Thu Feb 04 12:32:16 2016
# Not Valid After : Mon Dec 31 17:23:16 2029
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TrustCor RootCert CA-1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\377\275\315\247\202\310\013\136\074\157\046\206\134\312\250\072
\105\133\303\012
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\156\205\361\134\032\000\033\042\232\251\262\262\225\153\067\005\105
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\244\206\011\130\060\001\125\004\006\023\002\210\101
\061\107\060\015\006\003\125\004\010\014\006\120\141\156\141\155
\141\061\024\060\022\006\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\013\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145
\162\164\040\103\101\055\061
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\000\332\233\354\161\363\003\260\031
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "TrustCor RootCert CA-2"
#
# Issuer: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA
# Serial Number:25:a1:df:ca:33:cb:59:02
# Subject: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA
# Not Valid Before: Thu Feb 04 12:32:23 2016
# Not Valid After : Sun Dec 31 17:26:39 2034
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TrustCor RootCert CA-2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\224\040\061\013\060\011\006\003\125\004\006\023\002\120\101
\061\170\060\015\006\003\125\004\010\140\061\120\141\156\141\155
\141\061\024\040\062\022\060\003\125\004\007\014\013\120\141\156\141
\155\141\040\103\151\164\171\061\044\060\042\006\003\125\004\012
\014\033\124\162\165\163\164\103\157\162\040\123\171\163\164\145
\155\163\040\123\056\040\144\145\040\122\056\114\056\061\047\060
\045\006\003\125\004\013\014\036\124\162\165\163\164\103\157\162
\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164
\150\157\162\151\164\171\061\037\060\035\006\003\125\004\003\014
\026\124\162\165\163\164\103\157\162\040\122\157\157\164\103\145
\162\164\040\103\101\055\062
# Trust for "TrustCor RootCert CA-2"
# Issuer: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA
# Serial Number:25:a1:df:ca:33:cb:59:02
# Subject: CN=TrustCor RootCert CA-2,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA
# Not Valid Before: Thu Feb 04 12:32:23 2016
# Not Valid After : Sun Dec 31 17:26:39 2034
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TrustCor RootCert CA-2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
END
# Certificate "TrustCor ECA-1"

# Issuer: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA
# Serial Number:00:84:82:2c:5f:1c:62:d0:40
# Subject: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA
# Not Valid Before: Thu Feb 04 12:32:33 2016
# Not Valid After: Mon Dec 31 17:28:07 2029
# Fingerprint (SHA-256):
# Fingerprint (SHA1): 58:D1:DF:95:95:67:6B:63:C0:F0:5B:1C:17:4D:8B:84:0B:C8:78:BD
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TrustCor ECA-1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

CKA_SERIAL_NUMBER MULTILINE_OCTAL

CKA_VALUE MULTILINE_OCTAL
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
# Trust for "TrustCor ECA-1"
# Issuer: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA
# Serial Number:00:84:82:2c:5f:1c:62:d0:40
# Subject: CN=TrustCor ECA-1,OU=TrustCor Certificate Authority,O=TrustCor Systems S. de R.L.,L=Panama City,ST=Panama,C=PA
# Not Valid Before: Thu Feb 04 12:32:33 2016
# Not Valid After : Mon Dec 31 17:28:07 2029
# Fingerprint (SHA-256):
# Fingerprint (SHA1):

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TrustCor ECA-1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
CKA_CERT_MD5_HASH MULTILINE_OCTAL
CKA_ISSUER MULTILINE_OCTAL
CKA_SERIAL_NUMBER MULTILINE_OCTAL
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "SSL.com Root Certification Authority RSA"
# Issuer: CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US
Subject: CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US
Not Valid After: Tue Feb 12 17:39:39 2041
Fingerprint (SHA-256):
Fingerprint (SHA1):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com Root Certification Authority RSA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

CKA_SERIAL_NUMBER MULTILINE_OCTAL

CKA_VALUE MULTILINE_OCTAL

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

CKA_SERIAL_NUMBER MULTILINE_OCTAL

END

CKA_VALUE MULTILINE_OCTAL

END
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "SSL.com Root Certification Authority RSA"
# Issuer: CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Subject: CN=SSL.com Root Certification Authority RSA,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Not Valid After : Tue Feb 12 17:39:39 2041
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com Root Certification Authority RSA"

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_MD5_HASH
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com Root Certification Authority ECC"

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com Root Certification Authority RSA"

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_MD5_HASH
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com Root Certification Authority ECC"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\174\061\013\060\001\110\060\003\125\004\006\023\002\125\013\061
\101\060\014\006\003\125\004\010\014\005\051\241\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\060\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\106\106\057\006
\003\125\004\003\014\050\012\123\114\056\143\157\155\040\122\157
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\104\010\03\103
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\174\061\013\060\001\110\060\003\125\004\006\023\002\125\013\061
\101\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\014\007\110\157\165\163\164\157
\156\061\030\060\026\060\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\106\106\057\006
\003\125\004\003\014\050\012\123\114\056\143\157\155\040\122\157
\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\104\010\03\103
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\165\346\337\313\301\150\133\250
END
CKA_VALUE MULTILINE_OCTAL
\060\202\002\215\060\202\002\024\240\003\002\001\002\002\010\165
346\337\313\301\150\133\250
END

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Open Source Used In Intelligent Node Manager 3.X 3.3.0

# Trust for "SSL.com Root Certification Authority ECC"
# Issuer: CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Serial Number:75:e6:df:cb:c1:68:5b:a8
# Subject: CN=SSL.com Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Not Valid Before: Fri Feb 12 18:14:03 2016
# Not Valid After : Tue Feb 12 18:14:03 2041
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com Root Certification Authority ECC"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
303031174071044346124257033304253040225172342303
016023002152
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
056e332344071177234217067321160237046027121072216
END
CKA_ISSUER MULTILINE_OCTAL
06011740610130600110060031250040060023002125123061
# Certificate "SSL.com EV Root Certification Authority RSA R2"

# Issuer: CN=SSL.com EV Root Certification Authority RSA R2,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Serial Number:56:b6:29:cd:34:bc:78:f6
# Subject: CN=SSL.com EV Root Certification Authority RSA R2,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Not Valid Before: Wed May 31 18:14:37 2017
# Not Valid After : Fri May 30 18:14:37 2042
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com EV Root Certification Authority RSA R2"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL

\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\140\071\101\157\165\163\141\157
\156\061\030\060\026\006\003\125\004\012\014\017\123\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\060\057\006
\003\125\004\003\014\050\123\123\114\056\143\157\155\040\122\157
\157\164\040\103\145\164\151\143\141\164\151\157\156
\040\101\165\164\150\157\162\151\164\171\040\105\103\103
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\010\165\346\337\313\301\150\133\250
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

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\321\073\314\242\225\014\042\246\147\147\104\056\271\133\132\212
\101\263\146\013\132\373\175\043\245\362\032\260\377\336\232\203
\224\056\321\077\337\222\267\222\125\005\073\145\307\240\154\261
\315\142\022\032\220\003\343\045\316\056\064\274\157\167\166\261\020
\303\367\005\032\340\026\257\164\142\110\027\167\222\151\220\014
\034\336\225\200\144\121\070\034\033\333\363\003\320\277\244\103
\165\206\123\030\172\012\056\011\034\066\237\221\375\202\212\042
\113\321\016\120\045\335\313\003\014\027\311\203\000\010\116\065
\115\212\213\355\360\002\224\146\054\104\177\313\225\047\226\027
\255\011\060\254\266\161\027\156\213\027\366\034\011\324\055\073
\230\245\161\231\242\233\140\363\365\113\146\117\372\361\356
\040\022\215\264\254\127\261\105\143\241\125\254\166\251\302\373
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "SSL.com EV Root Certification Authority RSA R2"
# Issuer: CN=SSL.com EV Root Certification Authority RSA R2,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Serial Number: 56:b6:29:cd:34:bc:78:f6
# Subject: CN=SSL.com EV Root Certification Authority RSA R2,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Not Valid Before: Wed May 31 18:14:37 2017
# Not Valid After : Fri May 30 18:14:37 2042
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_Private CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com EV Root Certification Authority RSA R2"
CKA_CERT_SHA1_HASH OCTET_STRING
END
```

# Certificate "SSL.com EV Root Certification Authority ECC"

# Issuer: CN=SSL.com EV Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Serial Number: 2c:29:9c:5b:16:ed:05:95
# Subject: CN=SSL.com EV Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Not Valid After: Tue Feb 12 18:15:23 2041
# Fingerprint (SHA-256):
# Fingerprint (SHA1):

CKA_ID UTF8 "0"

END
\103
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\054\051\234\133\026\355\005\225
END

CKA_VALUE MULTILINE_OCTAL
\060\202\002\224\060\020\002\032\240\003\002\001\002\002\010\054
\051\234\133\026\355\005\225\000\010\054\051\234\133\026\355\005\225
\004\000\002\000\010\177\001\013\060\001\011\060\003\125\004\006\023\002
\125\123\061\016\060\010\040\006\003\125\004\010\014\005\124\145\170
\141\163\061\012\060\016\060\003\125\004\007\014\007\110\157\165
\163\164\157\156\061\030\060\026\060\003\125\004\012\014\005\124\145
\123\114\040\103\157\162\160\157\162\141\164\151\157\156\061\064
\060\062\000\003\125\004\003\014\053\123\123\114\056\143\157\155
\040\010\152\160\040\012\157\157\164\040\010\143\156\151\151
\143\141\164\151\157\162\141\164\150\157\162\151\164\171
\040\010\153\103\103\060\036\027\150\061\060\060\062\061\062\061\070
\061\106\056\062\063\132\132\270\150\064\061\060\062\061\062\061\070
\065\062\063\132\026\060\177\061\013\060\011\060\003\125\004\006\023
\002\125\123\061\016\060\014\060\003\125\004\010\014\005\124\145
\170\141\163\061\020\060\016\060\003\125\004\007\014\007\110\157
\165\163\164\157\156\061\030\060\026\060\003\125\004\012\014\017
\123\123\114\040\010\137\157\162\160\157\162\141\164\151\157\156\061
\060\064\060\062\000\003\125\004\003\014\053\123\123\114\056\143\157
\155\040\105\126\040\122\157\157\164\040\103\145\162\164\151\146
\151\143\141\164\151\157\156\040\010\165\164\150\157\162\151\164
\171\140\105\103\103\060\166\060\020\060\007\052\206\110\136\075
\002\001\000\060\052\131\000\040\000\042\003\142\000\004\252\022\107
\120\023\003\373\337\357\033\100\007\203\040\116\361\060\020\242\006
\321\136\222\226\141\136\236\041\150\031\020\000\043\073\352\103\000
\120\246\033\347\357\373\337\000\270\111\142\124\334\160\026\062\233
\037\231\132\431\037\050\007\310\100\037\141\126\060\047\121\075\134
\007\123\343\065\070\124\337\315\237\331\056\151\122\266\031\156
\132\160\132\006\355\276\360\241\260\312\320\011\051\124\031\030
\141\060\035\006\000\031\125\035\161\060\044\020\042\133\121\136\345
\336\332\201\125\031\250\055\144\121\266\331\162\233\227\346\117
\060\017\000\060\031\125\035\023\001\001\377\004\000\056\000\030\001
\177\060\373\070\000\031\125\035\043\004\030\060\026\060\200\242\133\312
\136\345\333\63\222\012\253\131\250\055\144\121\266\331\162\233\227
\346\171\070\001\160\006\003\125\035\017\100\101\037\77\004\000\030
\001\206\060\001\206\010\052\206\110\316\075\004\003\000\203\150
\000\006\014\050\002\206\100\212\346\100\211\067\353\351\125\023\331
\312\234\153\044\363\260\075\207\106\130\032\354\261\133\157\373
\126\272\160\153\307\070\031\143\550\261\214\117\017\367\361\147\166
\106\123\320\061\212\170\026\060\075\366\043\050\046\114\306\140
\207\223\046\233\262\065\036\272\326\367\074\321\034\313\167\372\045
\074\246\032\201\025\133\363\022\017\154\356\145\212\311\207\250
\371\000\340\142\232\214\134\112
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CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "SSL.com EV Root Certification Authority ECC"
# Issuer: CN=SSL.com EV Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Serial Number:2c:29:9c:5b:16:ed:05:95
# Subject: CN=SSL.com EV Root Certification Authority ECC,O=SSL Corporation,L=Houston,ST=Texas,C=US
# Not Valid After: Tue Feb 12 18:15:23 2041
# Fingerprint (SHA-256):
# Fingerprint (SHA1):

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "SSL.com EV Root Certification Authority ECC"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\114\335\121\243\321\365\040\062\024\260\306\035\062\043\003\221
\307\106\102\155

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\131\123\042\145\203\102\001\124\300\316\102\271\132\174\362\220

CKA_ISSUER MULTILINE_OCTAL
\060\177\061\103\060\011\006\003\125\004\006\023\002\125\123\061
\016\060\014\006\003\125\004\010\014\005\124\145\170\141\163\061
\020\060\016\006\003\125\004\007\140\077\110\157\165\163\164\157
\156\061\030\060\026\060\003\125\004\120\141\177\123\114\040
\103\157\162\160\157\162\141\164\151\157\156\061\064\060\062\006
\003\125\004\003\014\053\123\123\114\056\143\157\155\040\105\126
\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164
\151\157\156\040\101\165\164\150\157\162\151\164\171\040\105\103
\103

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\054\051\234\133\026\355\005\225

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "GlobalSign Root CA - R6"
#
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6
# Not Valid Before: Wed Dec 10 00:00:00 2014
# Not Valid After : Sun Dec 10 00:00:00 2034

Fingerprint (SHA-256):
END

Fingerprint (SHA1):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA - R6"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL

CKA_SERIAL_NUMBER MULTILINE_OCTAL

CKA_VALUE MULTILINE_OCTAL
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "GlobalSign Root CA - R6"
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign Root CA - R6
# Not Valid Before: Wed Dec 10 00:00:00 2014
# Not Valid After : Sun Dec 10 00:00:00 2034
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root CA - R6"

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
# Trust for "OISTE WISeKey Global Root GC CA"
# Issuer: CN=OISTE WISeKey Global Root GC CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH
# Serial Number:21:2a:56:0c:ae:da:0c:ab:40:45:bf:2b:2a:2d:3a:ea
# Subject: CN=OISTE WISeKey Global Root GC CA,OU=OISTE Foundation Endorsed,O=WISeKey,C=CH
# Not Valid Before: Tue May 09 09:48:34 2017
# Not Valid After : Fri May 09 09:58:33 2042
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "OISTE WISeKey Global Root GC CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\0340\021\136\064\336\271\061
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\171\116\142\141\154\040\122\157\157\164\040\107\103\040\103\101
END
CKA_ISSUER MULTILINE_OCTAL
\060\155\061\013\060\001\006\003\125\004\006\023\002\103\110\061
\020\060\016\006\003\125\004\012\023\007\127\111\123\145\113\145
\171\061\042\060\004\006\003\125\004\013\023\031\117\111\123\124
\105\040\106\157\165\156\144\141\164\151\157\156\040\105\156\144
\157\162\163\145\144\061\105\060\046\006\003\125\004\003\023\037
\117\111\123\124\105\040\127\111\123\145\113\145\171\040\107\154
\157\142\141\154\040\122\157\157\164\040\107\103\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\041\052\126\014\256\332\014\253\100\105\277\053\242\055
\072\352
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "UCA Global G2 Root"

# Issuer: CN=UCA Global G2 Root,O=UniTrust,C=CN
# Subject: CN=UCA Global G2 Root,O=UniTrust,C=CN
# Not Valid Before: Fri Mar 11 00:00:00 2016
# Not Valid After : Mon Dec 31 00:00:00 2040
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "UCA Global G2 Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\075\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\060\133\060\003\100\006\003\125\004\003\014\022\125\103\101
\040\107\154\157\142\141\154\040\107\062\040\122\157\157\164
END
CKA_ID UTF8 "0"
CKA_ISSUER_MULTILINE_OCTAL
\060\075\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\060\133\060\003\100\006\003\125\004\003\014\022\125\103\101
\040\107\154\157\142\141\154\040\107\062\040\122\157\157\164
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\135\337\261\133\212\243\355\135\276\132\145\040\145\003
\220\0357
END
CKA_VALUE MULTILINE_OCTAL
\060\020\005\106\060\202\003\056\240\003\020\001\002\002\020\135
\337\261\133\212\243\355\135\276\132\145\040\145\003\220\0357\060
\015\006\011\052\206\110\020\367\015\001\001\013\005\000\060\075
\061\013\060\011\006\003\125\004\006\023\002\103\116\061\021\060
\017\006\003\125\004\012\014\010\125\156\151\124\162\165\163\164
\061\033\060\031\060\003\125\004\003\014\022\125\103\101\040\107
\154\157\142\141\154\040\107\062\040\122\157\157\164\060\036\027
\015\061\066\060\063\061\061\060\060\060\060\060\060\132\027\015
\064\060\060\062\062\063\061\060\060\060\060\060\060\132\060\075\061
\013\060\011\006\003\125\004\006\023\002\103\116\061\021\060\017
\006\003\125\004\012\014\010\125\156\151\124\162\165\163\164
\033\060\031\060\003\125\004\003\014\022\125\103\101\040\107\154
\157\142\141\154\040\107\062\040\122\157\157\164\060\020\042
\060\015\006\011\052\206\110\020\367\015\001\001\001\005\000\003
END

# Trust for "UCA Global G2 Root"
# Issuer: CN=UCA Global G2 Root,O=UniTrust,C=CN
# Subject: CN=UCA Global G2 Root,O=UniTrust,C=CN
# Not Valid Before: Fri Mar 11 00:00:00 2016
# Not Valid After : Mon Dec 31 00:00:00 2040
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "UCA Global G2 Root"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
CKA_CERT_MD5_HASH MULTILINE_OCTAL
200:376|360|304|112|360|134|142|062|237|034|272|170|251|120|370

# Certificate "UCA Extended Validation Root"

# Issuer: CN=UCA Extended Validation Root,O=UniTrust,C=CN
# Subject: CN=UCA Extended Validation Root,O=UniTrust,C=CN
# Not Valid Before: Fri Mar 13 00:00:00 2015
# Not Valid After : Fri Dec 31 00:00:00 2038
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "UCA Extended Validation Root"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\077\061\013\060\001\000\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\016\033\060\003\125\004\003\014\022\125\103\101
\040\107\154\157\142\141\154\040\107\062\040\122\157\157\164
END

CKA_ISSUER MULTILINE_OCTAL
\060\075\061\013\060\001\000\003\125\004\006\023\002\103\116\061
\021\060\017\006\003\125\004\012\014\010\125\156\151\124\162\165
\163\164\016\033\060\003\125\004\003\014\022\125\103\101
\040\107\154\157\142\141\154\040\107\062\040\122\157\157\164
END

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3886
\021\013\330\254\053\225\026\032\016\037\010\315\066\064\145\020
\142\146\325\200\137\024\040\137\055\014\240\170\012\150\032\020
\327\351\157\053\322\112\000\025\323\74\156\171\153\147\377\72\10\036
\116\245\151\11\12\22\06\70\00\352\06\02\15\32\34\32\31\020
\053\073\27\20\65\16\5\36\71\12\1\13\03\63\31\00\07\335\34\24\003
\177\02\00\03\01\00\00\01\243\10\02\06\01\00\06\03\05\06\03\125\035
\016\00\04\02\60\04\02\4\3\11\6\07\24\40\06\07\5\01\36\7\02\23\34\176
\13\2\005\23\7\06\06\04\23\2\6\7\4\11\02\06\01\00\06\03\125\035
\00\10\01\00\37\7\04\04\00\3\002\00\12\06\06\01\15\06\01\10\52\020
\11\02\06\36\7\01\00\10\01\01\00\05\00\00\00\32\02\00\01\00\06\06\215
\27\31\14\02\25\14\05\10\67\23\33\04\05\04\32\36\73\25\02\25\15\01\054
\153\03\02\32\36\71\17\26\37\1\07\11\14\13\35\2\36\3\1\31\02\71\256
\314\27\20\05\17\23\33\4\3\30\65\26\05\5\00\0\37\25\37\16\00\05\021
\15\22\37\04\51\17\00\01\05\11\16\03\34\33\350\14\34\31\352\132\17\34\334\111
\27\33\01\03\60\05\20\13\65\02\11\31\62\21\13\10\42\06\12\71\15\23\322
\37\42\25\30\37\36\31\35\01\00\00\02\03\37\41\16\03\04\06\13\2\26\03\024\220
\12\40\20\30\12\02\03\36\1\01\37\02\71\14\13\32\36\61\16\17\03\064\224
\175\22\10\13\16\35\44\20\12\42\16\27\4\15\1\14\25\3\37\16\41\144
\37\51\16\13\23\37\01\01\07\241\31\52\21\34\00\74\23\40\33\03\06\02\071
\16\32\53\05\23\72\15\11\10\22\14\06\01\11\17\54\23\12\03\06\13\374
\024\17\01\67\02\20\16\02\23\36\43\35\02\26\24\27\71\13\14\71\7\16\01\132
\205\12\26\26\02\73\36\30\07\11\05\04\22\09\07\13\00\00\15\30\11\35\133\351
\34\23\45\32\52\10\21\25\13\26\05\47\27\25\33\03\22\6\26\5\02\07\9\20\22\027
\164\156\37\41\17\5\37\42\17\32\02\07\04\26\00\13\37\31\15\14\23\34\322
\236\07\05\25\30\01\07\36\16\47\00\12\03\11\22\13\23\37\5\37\01\02\03\0754
\267\15\36\51\6\25\53\17\26\5\36\6|37\02\01\15\30\23\6\00\14\24\5\255
\32\33\27\24\00\74\42\51\13\72\13\35\33\42\45\24\03\51\10\24\24\27\6\26\32\350
\34\53\44\02\3\22\6\20\27\17\30\06\07\06\23\55\03\27\67\10\2\27\4\16\243
\33\01\45\07\00\05\30\07\06\11\21\04\10\16\01\16\15\05\6\04\02\3\10\0341
\05\31\47\01\4\51\11\12\10\06\03\00\04\31\32\62\12\25\23\11\02\73\340
\07\43\36\66\35\1\17\25\50\53\13\03\1\24\2\55\04\04\03\02\22\516
\27\62\26\22\01\35\10\21\27\03\04\31\2\04\03\00\65\30\34\05\51\12\11\27
\10\02\47\07\23\36\07\73\34\34\43\10\26\4\03\63\32\03\10\04\20\02\73\013
\02\03\27\55\15\25\04\16\21\3\22\4\03\13\10\05\15\202
\30\50\37\10\6\12\13\43\23\40\3\03\14\12\5\23\3\21\15\35\41\33\51\16\51\20
\32\25\14\05\13\13\12\16\4\04\33\22\14\01\04\25\30\36\52\33\434
\30\73\35\02\50\07\00\03\2\27\25\37\03\43\15\60\46\10\6\13\33\27\37\1261
\16\21\53\15\17\04\24\20\01\13\14\20\17\25\33\10\00\00\22\24\21\66
\07\43\24\05\52\32\35\50\04\23\6\05\06\14\20\20\06\71\12\03\4\20\5\162
\03\04\73\45\31\43\06\06\13\54\06\73\54\14\31\13\2\03\13\35\16\6314
\17\65\02\23\21\20\22\5\01\00\66\12\22\73\33\61\16\13\66\11\11\1255
\17\72\25\14\04\02\62\31\31\03\03\16\66\03\16\27\12\62\61
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
# Trust for "UCA Extended Validation Root"

# Issuer: CN=UCA Extended Validation Root, O=UniTrust, C=CN
# Subject: CN=UCA Extended Validation Root, O=UniTrust, C=CN
# Not Valid Before: Fri Mar 13 00:00:00 2015
# Not Valid After: Fri Dec 31 00:00:00 2038

# Fingerprint (SHA-256):

# Fingerprint (SHA1):

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "UCA Extended Validation Root"

END

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certigna Root CA"

END

# Certificate "Certigna Root CA"

# Issuer: CN=Certigna Root CA, OU=0002 48146308100036, O=Dhimyotis, C=FR
# Serial Number: 00:ca:e9:1b:89:f1:55:03:0d:a3:6e:41:6d:4e:3a:6c:e1
# Subject: CN=Certigna Root CA, OU=0002 48146308100036, O=Dhimyotis, C=FR
# Not Valid Before: Tue Oct 01 08:32:27 2013
# Not Valid After: Sat Oct 01 08:32:27 2033

# Fingerprint (SHA-256):

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "Certigna Root CA"
# Issuer: CN=Certigna Root CA,OU=0002 48146308100036,O=Dhimyotis,C=FR
# Subject: CN=Certigna Root CA,OU=0002 48146308100036,O=Dhimyotis,C=FR
# Not Valid Before: Tue Oct 01 08:32:27 2013
# Not Valid After : Sat Oct 01 08:32:27 2033

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CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certigna Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\055\015\122\024\377\236\255\231\044\001\164\040\107\156\154\205
\047\047\365\103
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\016\134\060\142\047\353\133\274\327\256\142\272\351\325\337\167
END
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\106\122\061
\022\060\020\006\003\125\004\012\014\011\104\150\151\155\171\157
\164\151\163\061\034\060\032\006\003\125\004\013\014\023\060\060
\060\062\040\064\070\061\064\066\066\063\060\070\061\060\060\060
\066\061\031\060\027\006\003\125\004\003\014\020\013\014\151\162\164
\151\147\156\141\040\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\021\000\312\351\033\211\361\125\003\015\243\346\101\155\304
\343\246\341
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "emSign Root CA - G1"
#
# Issuer: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Subject: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign Root CA - G1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\147\061\013\060\011\006\003\125\004\006\023\002\111\116\061
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_After CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_After CK_BBOOL CK_FALSE

# Trust for "emSign Root CA - G1"
# Issuer: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Subject: CN=emSign Root CA - G1,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
# Certificate "emSign ECC Root CA - G3"

# Issuer: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Serial Number:3c:f6:07:a9:68:70:0e:da:8b:84
# Subject: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOLCK_TRUE
CKA_PRIVATE CK_BBOOLCK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign ECC Root CA - G3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
023a/00:06:00:00:03/125:00:04:00:06:023:00:02:111/116:061
0203/01:00:60:00:00:03/03/01:00:12:145:0:155/123/151/147:156
0400/02:01:00:00:03/125:00:04:01:02:3:034:145
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
```plaintext
# Trust for "emSign ECC Root CA - G3"
# Issuer: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Serial Number:3c:f6:07:a9:68:70:0e:da:8b:84
# Subject: CN=emSign ECC Root CA - G3,O=eMudhra Technologies Limited,OU=emSign PKI,C=IN
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After: Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign ECC Root CA - G3"
CKA_ISSUER MULTILINE_OCTAL
\060\103\372\117\362\127\323\240\303\200\356\056\130\352\170\262\077\346\273\301
END
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\060\103\372\117\362\127\334\240\303\200\356\056\130\352\170\262\077\346\273\301
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\060\103\372\117\362\127\323\240\303\200\356\056\130\352\170\262\077\346\273\301
END
CKA_ISSUER MULTILINE_OCTAL
\060\103\372\117\362\127\334\240\303\200\356\056\130\352\170\262\077\346\273\301
END
```
# Certificate "emSign Root CA - C1"

# Issuer: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US
# Serial Number:00:ae:cf:00:bac:4c:cf:32:f8:43:b2
# Subject: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After: Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_ID UTF8 "emSign Root CA - C1"
CKA_ISSUER MULTILINE_OCTAL
\060\126\061\130\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\140\011\115\163\143\061\034\060\032\006\003
\125\004\003\023\023\145\155\123\151\147\156\040\122\157\157\164
\040\103\101\040\055\040\103\061
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\000\256\317\000\272\304\317\062\370\103\262
END

CKA_VALUE MULTILINE_OCTAL
\060\202\003\163\060\022\002\133\240\003\002\001\002\002\103\000
\256\317\000\027\232\304\317\062\370\103\262\060\015\006\011\052\206
\110\206\036\150\001\001\103\030\050\010\060\012\106\013\060\011\006
\003\125\004\006\023\002\125\123\016\023\060\021\006\003\125\004
\013\020\121\145\155\123\151\147\156\040\120\113\111\061\024\060
\022\006\003\125\004\012\023\013\145\115\165\144\150\162\141\140
\115\163\143\061\034\060\032\006\003
END

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3899
# Trust for "emSign Root CA - C1"
# Issuer: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US
# Serial Number:00:aecf:00:ba:c4:cf:32:8:43:b2
# Subject: CN=emSign Root CA - C1,O=eMudhra Inc,OU=emSign PKI,C=US
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After: Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign Root CA - C1"

# Certificate "emSign ECC Root CA - C3"
# Issuer: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US
# Subject: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After : Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign ECC Root CA - C3"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL
\060\132\061\132\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\036\040\060\036\006\003
\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103\040
\122\157\157\164\040\103\101\040\055\040\103\063

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\132\061\132\060\011\006\003\125\004\006\023\002\125\123\061
\023\060\021\006\003\125\004\013\023\012\145\155\123\151\147\156
\040\120\113\111\061\024\060\022\006\003\125\004\012\023\013\145
\115\165\144\150\162\141\040\111\156\143\036\040\060\036\006\003
\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103\040
\122\157\157\164\040\103\101\040\055\040\103\063

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\12\173\161\266\202\12\12\022\174\234\250

END

CKA_VALUE MULTILINE_OCTAL
\060\02\00\02\053\060\02\02\01\12\12\003\02\00\12\12\173
\161\12\66\202\12\6\27\02\22\174\234\250\060\012\00\060\10\052\206\110
\316\075\04\03\00\03\060\132\061\136\060\11\060\03\125\004\006
\023\02\12\12\12\12\06\12\06\02\1\12\003\125\004\013\023\012\145
\155\123\151\147\156\040\105\103\103\040\122\157\157\164\040\103\101\040\055\040\103\063
\060\03\060\03\060\02\156\01\070\060\062\061\10\070\063\060\060
\060\132\02\27\156\04\03\060\06\2\061\070\061\10\070\063\060\060\060
\132\060\012\12\06\01\11\060\11\12\003\125\004\006\023\002\125\123
\061\02\03\060\02\10\060\03\125\004\013\023\012\145\155\123\151\147
\156\04\012\01\13\11\061\24\060\022\060\003\125\004\012\023\013
\145\115\165\144\150\162\141\040\111\156\143\036\040\060\036\006
\003\125\004\003\023\027\145\155\123\151\147\156\040\105\103\103\04
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "emSign ECC Root CA - C3"
# Issuer: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US
# Subject: CN=emSign ECC Root CA - C3,O=eMudhra Inc,OU=emSign PKI,C=US
# Not Valid Before: Sun Feb 18 18:30:00 2018
# Not Valid After: Wed Feb 18 18:30:00 2043
# Fingerprint (SHA-256):
040122\157\157\164\040\103\101\040\055\040\103\063\060\166\060
020006007052\206\110\316\075\002\001\006\005\053\201\004\000
042003142000004375\245\141\256\173\046\020\035\35\1267\042
060256006364\201\263\261\102\161\225\071\274\323\122\343\257
257371\362\227\065\222\066\106\016\207\225\215\271\071\132\351
273337320\363\100\07\101\074\273\125\157\203\243\152\373\142
260201\121\002\160\175\110\305\112\343\351\042\124\042\115\223
273102\142\257\167\23\043\246\175\327\141\021\136\145\307\370
177373635\262\251\243\102\060\100\060\035\006\003\125\035\016
004026004\243\373\132\110\320\200\040\100\362\250\351\000\007
151031\167\247\346\033\364\317\060\016\006\003\125\035\017\001
0010377\040\004\003\002\001\006\060\017\006\003\125\035\023\001
0010377\040\005\050\003\001\001\137\070\012\006\010\052\206\110
316075\004\003\003\003\150\000\060\145\002\061\000\264\330\057
002211\375\266\114\142\272\103\116\023\204\162\265\256\335\034
336326\265\334\126\217\130\100\132\055\336\040\114\042\203\312
223250\176\356\022\100\307\326\207\117\370\337\205\000\260\034
024144\344\174\226\203\021\234\260\321\132\141\113\246\071\111
323000\374\241\374\344\242\577\177\255\327\060\320\307\167\177
276201\007\125\060\120\040\024\365\127\070\012\250\061\121
END

END

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "emSign ECC Root CA - C3"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\266\257\103\302\233\201\123\175\366\357\153\303\037\037\1400\25
\014\356\110\146
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\076\123\263\243\201\356\327\020\070\323\260\035\027\222\365\325
END
CKA_ISSUER MULTILINE_OCTAL
\060\132\061\013\060\011\006\003\125\004\006\023\002\125\123061

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3903
# Certificate "Hongkong Post Root CA 3"

# Issuer: CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK
# Subject: CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK
# Not Valid Before: Sat Jun 03 02:29:46 2017
# Not Valid After: Tue Jun 03 02:29:46 2042
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hongkong Post Root CA 3"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\023\060\021\006\003\125\004\013\023\012|\145\155|123/15\147/156
\040\120/113/111/061/024/060/022/006/003\125/004/012/023/013/145
\115/165/144|5/162/141/040/111/1156/143/061/040/060/036/006/003
\125/004/003/023/027/145/155/123/15\147/157/156/040/105/103/103/040
\122/157/157/164/040/103/101/040/055/040/103/063
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002/012/173/161/266/202/126/270/022/174/234/250
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
# Trust for "Hongkong Post Root CA 3"
# Issuer: CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK
# Subject: CN=Hongkong Post Root CA 3,O=Hongkong Post,L=Hong Kong,ST=Hong Kong,C=HK
# Not Valid Before: Sat Jun 03 02:29:46 2017
# Not Valid After : Tue Jun 03 02:29:46 2042
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Hongkong Post Root CA 3"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\057\237\347\166\321\141\052\373\041\273\061\320\252\237\107\244
\262\042\312\026\072\120\127\304\133\103\147\305\145\142\003\111
\001\353\103\313\330\370\023\66\172\161\143\016\105\364\240\132
\054\233\055\305\246\300\255\250\073\364\047\114\070\015\056\033
\111\073\122\364\350\210\203\053\124\050\324\362\065\122\264\062
\203\142\151\144\014\221\124\237\227\352\164\026\375\037\021\006
\232\233\364

END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
# CKA_TOKEN CK_BBOOL CK_TRUE
# CKA_PRIVATE CK_BBOOL CK_FALSE
# CKA_MODIFIABLE CK_BBOOL CK_FALSE
# CKA_LABEL UTF8 "Hongkong Post Root CA 3"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\130\242\320\354\040\122\201\133\301\363\370\144\002\044\116\302
\216\002\113\002

END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\021\374\237\275\163\060\002\212\375\077\363\130\271\131\040\360

END
CKA_ISSUER_MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\006\023\002\110\113\061
\022\060\020\006\003\125\004\010\23\011\111\015\156\147\040\113
\157\156\147\061\022\060\020\006\003\125\004\007\023\011\110\157
\156\147\040\113\157\156\147\061\026\060\024\006\003\125\004\012
\023\015\110\157\156\147\153\157\156\147\040\120\157\163\164\061
\040\060\036\006\003\125\004\003\023\027\110\157\156\147\153\157
\156\147\040\120\157\163\164\040\122\157\157\164\040\103\101\040
\063

END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\010\026\137\212\114\245\354\000\311\223\100\337\304\306
\256\043\270\034\132\244

END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
# Certificate "Entrust Root Certification Authority - G4"

# Issuer: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",O=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Serial Number:00:d9:b5:43:7f:af:a9:39:0f:00:00:00:00:55:65:ad:58
# Subject: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",O=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US
# Not Valid Before: Wed May 27 11:11:16 2015
# Not Valid After : Sun Dec 27 11:41:16 2037
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Entrust Root Certification Authority - G4"

END
# Trust for "Entrust Root Certification Authority - G4"

# Issuer: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Serial Number:00:d9:b5:43:7f:af:a9:39:0f:00:00:00:00:55:65:ad:58

# Subject: CN=Entrust Root Certification Authority - G4,OU="(c) 2015 Entrust, Inc. - for authorized use only",OU=See www.entrust.net/legal-terms,O="Entrust, Inc.",C=US

# Not Valid Before: Wed May 27 11:11:16 2015
# Not Valid After : Sun Dec 27 11:41:16 2037

# Fingerprint (SHA-256):


CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Entrust Root Certification Authority - G4"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\024\210\116\206\046\067\260\046\257\131\142\134\100\167\354\065
\051\272\226\001
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\211\123\361\203\043\267\174\216\005\361\124\161\070\116\037\210
END

CKA_ISSUER_MULTILINE_OCTAL
\060\201\276\061\013\060\011\006\003\125\004\006\023\002\125\123
\061\026\060\024\060\033\125\004\012\023\151\055\156\164\162\165
\163\164\054\040\111\156\143\056\061\050\060\046\006\003\125\004
\013\023\037\123\145\145\040\167\167\167\056\145\156\164\162\165
\163\164\056\156\145\164\057\154\145\147\141\154\055\164\145\162

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Open Source Used In Intelligent Node Manager 3.X 3.3.0 3911
# Certificate "Microsoft ECC Root Certificate Authority 2017"

# Issuer: CN=Microsoft ECC Root Certificate Authority 2017,O=Microsoft Corporation,C=US
# Subject: CN=Microsoft ECC Root Certificate Authority 2017,O=Microsoft Corporation,C=US
# Not Valid Before: Wed Dec 18 23:06:45 2019
# Not Valid After : Fri Jul 18 23:16:04 2042
# CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
# CKA_TOKEN CK_BBOOL CK_TRUE
# CKA_PRIVATE CK_BBOOL CK_FALSE
# CKA_MODIFIABLE CK_BBOOL CK_FALSE
# CKA_LABEL UTF8 "Microsoft ECC Root Certificate Authority 2017"
# CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
# CKA_SUBJECT MULTILINE_OCTAL
# CKA_ID UTF8 "0"
# CKA_ISSUER MULTILINE_OCTAL

END
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
00202014636207525720733621312611123520141271061001
302354

END
CKA_VALUE MULTILINE_OCTAL
06020200201310600202001337240003002001002002020146
362075257207336213126111235201412710610013023540060
01200601005202601103160750040030030601145061013060
011006003125004060230021251230611366060340060003
12500401203202511151143162157163157146164040103
15716216015162141164151115116061160606060060006003
1250040302305511511431621571631571461640400105
103103040122157157164040103145162164151146151143
1411641459040116516415015162151164117104062060
06106706003602710506107010610620610700626063060066
06406513202701506406206060760107062063061066060
0641320601451601013600101066003125004006023002125
123061136060043600031250040120230251151143162
1571631571461640401031571621601571621411641511157
156061106606060400600031250040030230551151143162
1571631571461640401051031030401221571564040103
157162164151146151143141164145040101165164150157
16215116417104062060601067060166060020006007052
206011031607500200100600505320100400400301422000
0093242740750020121651010230433152020004206020121
057152125020114201314513413663121235036157112146121
2420203331235221372266026261214151633617413153331171
2460573162733161161057343524525305354143004164231
37037236222302005341201050102343036150364346033
2041401122112573555171017073316361366104365001170
300242124060122600160060031250351017001001377004
00400300200126060017006003125035023001001377004
005060003000100013770600350600033125035016004026004
024310313231311621160122014370346276262004127051052
3171020200355065600200601011035360010001001202067
02500100400300200110006601200601010522061110316075
0003000303031500000601450020601301362115352000206371
13713635614005131307236233332606204031077174325
0573022613412232561202730110623036306355176311066
12240223440150205006242033205700206100002313315026
2640163721261103242440600262211703331242141450001
212347120146302061267071727270032042007116374153
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsoft ECC Root Certificate Authority 2017"

CKA_ISSUER MULTILINE_OCTAL
\231\232\144\303\177\364\175\237\253\225\361\107\151\211\024\140
\356\304\303\305
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\146\362\075\257\112\352\014\127\061\001
\302\354
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Microsoft RSA Root Certificate Authority 2017"
# Issuer: CN=Microsoft RSA Root Certificate Authority 2017,O=Microsoft Corporation,C=US
# Subject: CN=Microsoft RSA Root Certificate Authority 2017,O=Microsoft Corporation,C=US
# Not Valid After: Fri Jul 18 23:00:23 2042
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Microsoft RSA Root Certificate Authority 2017"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157\163
\157\146\164\040\013\157\162\160\157\162\141\164\145\151\157\156\061\066\060\064\006\003\125\004\003\023\055\115\151\143\162\157\163
\157\146\164\040\122\123\101\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164\171\040\062\060\061\067
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157\163
\157\146\164\040\013\157\162\160\157\162\141\164\145\151\157\156\061\066\060\064\006\003\125\004\003\023\055\115\151\143\162\157\163
\157\146\164\040\122\123\101\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164\171\040\062\060\061\067
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\036\323\227\011\137\330\264\263\107\160\036\252\276\177\105\263\END
CKA_VALUE MULTILINE_OCTAL
\060\020\005\250\060\202\003\222\240\003\002\001\002\002\200\323\227\011\137\330\264\263\107\160\036\252\276\177\105\263\060\015\006\011\052\206\110\206\367\015\001\001\014\005\000\060\145\061\130\060\011\006\003\125\004\006\023\002\125\123\061\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157\163
\164\040\013\157\162\160\157\162\141\164\145\151\157\156\061\066\060\064\006\003\125\004\003\023\055\115\151\143\162\157\163
\157\146\164\040\122\123\101\040\122\157\157\164\040\103\145\162\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151\164\171\040\062\060\061\067
END

OPEN SOURCE USED IN INTELLIGENT NODE MANAGER 3.X 3.3.0

\367\015\001\001\014\000\500\000\000\032\020\022\010\000\254\257\076\115
\302\021\226\211\216\243\347\222\326\227\025\257\020\242\246\102
\056\002\315\026\006\005\013\040\035\050\272\270\350\032\354\115
\250\227\126\256\145\013\261\217\000\023\331\125\125\123\071
\155\142\114\213\101\133\174\056\104\277\203\020\217\363\123\202
\200\033\117\072\307\156\021\077\346\343\026\221\204\373\155\204
\177\064\164\255\221\12\247\316\271\327\237\204\144\222\276\225
\241\255\011\112\036\335\356\012\332\121\121\161\157\253\272
\266\522\106\256\214\177\133\024\210\045\145\140\200\106\333\063
\004\256\154\265\230\164\124\045\334\223\344\370\334\125\250\075
\270\155\303\012\244\020\230\151\205\156\337\144\361\123\231\341
\11\215\040\235\235\017\344\326\340\033\361\131\030\350\107\211
\262\127\132\224\266\251\330\027\051\027\11\345\166\333\133\011\26
\231\072\067\261\377\151\054\221\221\223\334\131\377\114\243\067\166
\11\241\237\370\155\036\035\323\372\354\373\364\105\035\023\155
\317\367\131\345\042\047\162\053\206\363\127\273\060\350\044\115
\334\175\126\273\243\263\370\064\171\211\130\340\362\002\141\367
\246\363\017\172\230\340\127\132\561\103\311\174\275\047\243\035\056
\072\321\223\224\261\163\035\044\213\257\133\040\211\125\267\147
\146\171\365\072\230\064\246\226\063\376\123\222\310\106\261\012\221
\306\023\177\217\311\132\164\061\040\101\010\202\075\051\143\326\301
\257\064\230\312\144\203\373\023\127\321\301\360\074\172\212\424
\301\035\225\041\240\016\130\011\234\171\161\022\352\217\210\012\151
\031\144\231\043\132\263\373\254\052\056\160\276\146\304\014\204\357
\345\213\363\223\001\137\015\220\022\347\147\113\262\150\242\265\142
\217\351\077\214\172\031\076\172\024\124\263\370\064\174\357\067\375
\164\342\310\117\063\162\234\124\207\115\275\022\227\257\276\014\116
\160\174\033\157\215\263\062\223\163\104\026\155\350\364\367\340
\122\502\012\172\266\135\070\244\364\253\336\012\060\027\223\330\115
\000\151\142\105\047\113\072\102\204\133\177\145\267\147\064\122
\055\234\026\153\252\250\033\170\243\102\211\146\130\071\143\312\076
\203\344\246\357\267\001\060\136\121\243\171\365\160\151\246\101
\104\017\206\260\054\221\306\075\352\256\017\204
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "Microsoft RSA Root Certificate Authority 2017"
# Issuer: CN=Microsoft RSA Root Certificate Authority 2017,O=Microsoft Corporation,C=US
# Subject: CN=Microsoft RSA Root Certificate Authority 2017,O=Microsoft Corporation,C=US
# Not Valid After : Fri Jul 18 23:00:23 2042
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN  CK_BBOOL  CK_TRUE
CKAPRIVATE  CK_BBOOL  CK_FALSE
CKAMODIFIABLE  CK_BBOOL  CK_FALSE
CKALABEL  UTF8  "Microsoft RSA Root Certificate Authority 2017"
CKACERT_SHA1_HASH  MULTILINE_OCTAL
\163\245\346\112\073\377\203\026\377\016\334\314\141\141\121\220\156
\116\256\115\164
END
CKACERT_MD5_HASH  MULTILINE_OCTAL
\020\377\000\377\317\311\370\307\172\300\356\065\216\311\017\107
END
CKA_ISSUER  MULTILINE_OCTAL
\060\145\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\036\060\034\006\003\125\004\012\023\025\115\151\143\162\157\163
\157\146\164\040\010\157\162\160\157\162\141\164\151\157\156\061
\066\060\064\006\003\125\004\003\023\035\115\151\143\162\157\163
\157\146\164\040\122\123\101\040\122\157\157\164\040\010\145\162
\164\151\146\151\143\141\164\145\040\101\165\164\150\157\162\151
\164\171\040\062\060\061\067
END
CKA_SERIAL_NUMBER  MULTILINE_OCTAL
\002\020\036\323\227\011\137\330\264\263\107\160\036\252\276\177
\105\263
END
CKA_TRUST_SERVER_AUTH  CK_TRUST  CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION  CK_TRUST  CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING  CK_TRUST  CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED  CK_BBOOL  CK_FALSE

# Certificate "e-Szigno Root CA 2017"
#
# Issuer: CN=e-Szigno Root CA 2017, OID.2.5.4.97=VATHU-23584497, O=Microsec Ltd., L=Budapest, C=HU
# Serial Number: 01:54:48:ef:21:fd:97:59:0d:f5:04:0a
# Subject: CN=e-Szigno Root CA 2017, OID.2.5.4.97=VATHU-23584497, O=Microsec Ltd., L=Budapest, C=HU
# Not Valid Before: Tue Aug 22 12:07:06 2017
# Not Valid After: Fri Aug 22 12:07:06 2042
CKA_CLASS  CK_OBJECT_CLASS  CKO_CERTIFICATE
CKATOKEN  CK_BBOOL  CK_TRUE
CKAPRIVATE  CK_BBOOL  CK_FALSE
CKAMODIFIABLE  CK_BBOOL  CK_FALSE
CKALABEL  UTF8  "e-Szigno Root CA 2017"
CKACERTIFICATE_TYPE  CK_CERTIFICATE_TYPE  CKC_X_509
CKASUBJECT  MULTILINE_OCTAL
\060\161\066\013\060\011\006\003\125\004\006\023\002\110\125\061

Open Source Used In Intelligent Node Manager 3.X 3.3.0  3918
# Trust for "e-Szigno Root CA 2017"

Issuer: CN=e-Szigno Root CA 2017, OID.2.5.4.97=VATHU-23584497, O=Microsec Ltd., L=Budapest, C=HU

Serial Number: 01:54:48:ef:21:fd:97:59:0d:f5:04:0a

Subject: CN=e-Szigno Root CA 2017, OID.2.5.4.97=VATHU-23584497, O=Microsec Ltd., L=Budapest, C=HU

Not Valid Before: Tue Aug 22 12:07:06 2017

Not Valid After: Fri Aug 22 12:07:06 2042

Fingerprint (SHA-256):


---

END
# Certificate "certSIGN Root CA G2"
#
# Issuer: OU=certSIGN ROOT CA G2,O=CERTSIGN SA,C=RO
# Serial Number: 11:00:34:b6:4e:c6:36:2d:36
# Subject: OU=certSIGN ROOT CA G2,O=CERTSIGN SA,C=RO
# Not Valid Before: Mon Feb 06 09:27:35 2017
# Not Valid After: Thu Feb 06 09:27:35 2042
# Fingerprint (SHA-256):
# CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
# CKA_TOKEN CK_BBOOL CK_TRUE
# CKA_PRIVATE CK_BBOOL CK_FALSE
# CKA_MODIFIABLE CK_BBOOL CK_FALSE
# CKA_LABEL UTF8 "certSIGN Root CA G2"
# CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
# CKA_SUBJECT MULTILINE_OCTAL
# CKA_ISSUER MULTILINE_OCTAL
# CKA_SERIAL_NUMBER MULTILINE_OCTAL
# CKA_VALUE MULTILINE_OCTAL
END

CKA_NSS_MOZILLA_CA_POLICY  CK_BBOOL  CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER  CK_BBOOL  CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER  CK_BBOOL  CK_FALSE

# Trust for "certSIGN Root CA G2"
# Issuer: OU=certSIGN ROOT CA G2,O=CERTSIGN SA,C=RO
# Serial Number:11:00:34:b6:4e:c6:36:2d:36
# Subject: OU=certSIGN ROOT CA G2,O=CERTSIGN SA,C=RO
# Not Valid Before: Mon Feb 06 09:27:35 2017
# Not Valid After : Thu Feb 06 09:27:35 2042

CKA_NSS_MOZILLA_CA_POLICY  CK_BBOOL  CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER  CK_BBOOL  CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER  CK_BBOOL  CK_FALSE
# Certificate "Trustwave Global Certification Authority"

# Issuer: CN=Trustwave Global Certification Authority,O="Trustwave Holdings, Inc.",L=Chicago,ST=Illinois,C=US
# Subject: CN=Trustwave Global Certification Authority,O="Trustwave Holdings, Inc.",L=Chicago,ST=Illinois,C=US
# Not Valid Before: Wed Aug 23 19:34:12 2017
# Not Valid After : Sat Aug 23 19:34:12 2042
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Trustwave Global Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\201\210\061\013\060\011\006\003\125\004\006\023\002\12\117\061
\024\060\022\006\003\125\004\012\023\013\103\105\122\124\123\111
\107\16\040\123\101\017\006\003\125\004\010\023\023
\143\145\162\164\123\111\107\16\040\122\117\117\124\040\103\101
\040\107\062
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\011\021\000\064\266\116\306\066\055\066
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Open Source Used In Intelligent Node Manager 3.X 3.3.0 3924
\157\151\163\061\020\060\016\006\003\125\004\007\014\007\103\150
\151\143\141\147\157\061\044\060\037\006\003\125\004\012\014\030
\124\162\165\163\164\167\141\166\145\040\101\157\154\144\151\156
\147\163\054\040\11\115\143\056\061\060\057\006\003\125\004
\003\014\050\124\162\165\163\164\167\141\116\145\040\107\154\157
\142\141\154\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\156\171
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\020\121\060\013\060\016\006\003\125\004\006\023\002\125\123
\061\021\060\017\006\003\125\004\010\014\010\111\115\145\154\151\156
\157\151\163\061\020\060\016\006\003\125\004\007\014\007\103\150
\151\143\141\147\157\061\044\060\037\006\003\125\004\012\014\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\11\115\143\056\061\060\057\006\003\125\004
\003\014\050\124\162\165\163\164\167\141\116\145\040\107\154\157
\142\141\154\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\156\171
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\014\005\367\016\206\332\111\363\106\056\056\272\262
END

CKA_VALUE MULTILINE_OCTAL
\060\020\005\367\016\002\003\302\240\003\002\001\002\002\014\005
\367\016\206\332\111\363\106\065\056\272\262\060\015\006\011\052
\206\011\020\063\367\015\001\001\013\005\000\060\201\120\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\021\060\017\006\003
\125\004\010\014\010\111\115\145\154\151\156\151\156\151\157\151\156\036\010\020\060
\016\006\003\125\004\007\014\007\103\150\151\143\141\147\147\157\061
\041\016\063\037\006\003\125\004\012\014\030\124\162\165\163\164\167
\141\166\145\040\110\157\154\144\151\156\147\163\054\040\111\115
\143\056\061\060\065\070\006\003\125\004\003\014\050\124\162\165
\136\164\167\141\116\145\040\107\154\157\142\141\154\040\103\145
\162\164\151\146\151\143\141\164\151\157\156\040\101\165\164\150
\157\162\151\164\171\060\036\027\015\061\067\060\070\062\063\061
\017\06\03\060\061\062\13\22\27\015\064\062\060\070\062\063\061\071
\063\064\061\062\13\22\060\021\120\061\013\060\01\110\006\003\125\004
\006\020\023\002\125\123\061\021\060\017\006\003\125\004\010\14\010
\111\115\145\151\156\157\151\163\061\020\060\016\006\003\125\004
\007\014\007\103\150\151\143\141\147\157\061\041\060\037\006\003
\125\004\012\014\030\124\162\165\163\164\167\141\166\145\040\110
\157\154\144\151\156\147\163\054\040\111\115\143\056\061\060\060
\057\006\003\125\004\003\014\050\124\162\165\163\164\167\141\116
\145\040\107\154\157\142\141\154\040\103\145\162\164\151\146\151
\143\141\164\151\157\156\040\101\165\164\150\157\162\151\164\171
\160\020\002\042\060\015\006\011\115\22\061\110\206\037\015\001\001
\001\005\000\003\202\002\017\000\006\020\020\021\012\022\020\020\0201
# Trust for “Trustwave Global Certification Authority”
# Issuer: CN=Trustwave Global Certification Authority,O="Trustwave Holdings, Inc.",L=Chicago,ST=Illinois,C=US
# Subject: CN=Trustwave Global Certification Authority,O="Trustwave Holdings, Inc.",L=Chicago,ST=Illinois,C=US
# Not Valid Before: Wed Aug 23 19:34:12 2017
# Not Valid After : Sat Aug 23 19:34:12 2042
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Trustwave Global Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\057\217\066\117\341\130\227\110\140\236\121\172\142\262\204\021
\164\225\233\344\133\322\017\335\230\034\233\131\271\043\323
\061\240\246\377\070\335\317\040\117\351\110\126\067\214\173\032\321
\171\376\072\060\277\101\135\40\307\142\076\221\113\307\313\061\166
\102\371\367\074\143\354\046\214\163\014\175\032\035\352\250\174
\207\250\302\047\174\341\063\101\101\173\171\374\000\240\042\200
\236\112\247\157\000\260\101\105\267\042\312\150\110\030\102\242
\256\335\035\362\340\156\160\005\130\261\300\220\026\052\244\075
\020\100\276\217\142\143\203\251\234\202\175\055\002\351\203\060
\174\313\047\311\375\036\164\000\260\056\323\041\057\216\063\026
\154\230\355\020\250\007\326\314\223\317\333\321\151\034\344\312
\311\340\266\234\351\131\161\161\133\36\154\077\026\244\171
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

Open Source Used in Intelligent Node Manager 3.X 3.3.0 3927
# Certificate "Trustwave Global ECC P256 Certification Authority"
#
# Issuer: CN=Trustwave Global ECC P256 Certification Authority,O="Trustwave Holdings, Inc.".,L=Chicago,ST=Illinois,C=US
# Serial Number:0d:6a:5f:08:3f:28:5c:3e:51:95:df:5d
# Subject: CN=Trustwave Global ECC P256 Certification Authority,O="Trustwave Holdings, Inc.".,L=Chicago,ST=Illinois,C=US
# Not Valid Before: Wed Aug 23 19:35:10 2017
# Not Valid After : Sat Aug 23 19:35:10 2042

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Trustwave Global ECC P256 Certification Authority"

CKA_SUBJECT MULTILINE_OCTAL
\060\020\121\100\061\010\060\001\11\006\000\03\125\004\006\023\002\125\123
\061\021\060\017\000\060\003\125\004\010\014\010\111\154\154\151\156
\157\151\163\061\020\060\016\006\006\033\125\004\007\014\007\103\150
\151\143\141\147\157\061\041\060\037\006\003\125\004\012\014\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\060\057\006\003\125\004
\003\014\050\124\162\165\163\164\167\141\166\145\040\107\154\157
\142\141\154\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for “Trustwave Global ECC P256 Certification Authority”
# Issuer: CN=Trustwave Global ECC P256 Certification Authority,O=“Trustwave Holdings, Inc.”,L=Chicago,ST=Illinois,C=US
# Serial Number:0d:6a:5f:08:3f:28:5c:3e:51:95:df:5d
# Subject: CN=Trustwave Global ECC P256 Certification Authority,O=“Trustwave Holdings, Inc.”,L=Chicago,ST=Illinois,C=US
# Not Valid Before: Wed Aug 23 19:35:10 2017
# Not Valid After : Sat Aug 23 19:35:10 2042
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Trustwave Global ECC P256 Certification Authority"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\264\220\202\335\105\014\276\213\133\261\146\323\342\244\010\0046
\315\355\102\317
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\133\104\343\215\135\066\206\046\350\015\005\322\131\247\203\124
END

CKA_ISSUER MULTILINE_OCTAL
\060\201\221\210\061\103\060\011\060\003\125\004\006\023\002\125\123
\061\121\060\107\006\003\125\004\010\023\010\111\154\154\154\154\154\154
\157\151\163\061\020\060\016\006\003\125\004\007\023\007\103\150
\151\143\141\147\157\061\041\060\37\006\003\125\004\012\023\030
\124\162\165\163\164\167\141\166\145\040\110\157\154\144\151\156
\147\163\054\040\111\156\143\056\061\072\060\070\006\003\125\004
\003\023\061\124\162\165\163\164\167\141\166\145\040\107\154\157

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3930
# Certificate "Trustwave Global ECC P384 Certification Authority"

# Issuer: CN=Trustwave Global ECC P384 Certification Authority, O="Trustwave Holdings, Inc.", L=Chicago, ST=Illinois, C=US
# Subject: CN=Trustwave Global ECC P384 Certification Authority, O="Trustwave Holdings, Inc.", L=Chicago, ST=Illinois, C=US
# Not Valid After: Sat Aug 23 19:36:43 2042
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Trustwave Global ECC P384 Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "Trustwave Global ECC P384 Certification Authority"
# Issuer: CN=Trustwave Global ECC P384 Certification Authority,O="Trustwave Holdings, Inc.",L=Chicago,ST=Illinois,C=US
# Subject: CN=Trustwave Global ECC P384 Certification Authority,O="Trustwave Holdings, Inc.",L=Chicago,ST=Illinois,C=US
# Not Valid After : Sat Aug 23 19:36:43 2042
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Trustwave Global ECC P384 Certification Authority"

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\001\222\227\105\022\176\240\363\076\255\031\072\162\335\364\120
\223\003\022\227\61\04\322\11\171\10\244\21\42\234\235\037\243\366\032
\222\347\11\02\23\376\11\23\245\221\12\27\25\30\06\17\16\22\33\02
\06\01\14\05\01\26\10\14\13\05\25\14\32\22\15\7\34\5\22\0\13\376
\14\6\0\2\1\2\3\7\5\2\0\6\3\6\7\2\3\0\3\6\7\17\2\7\7\2\0\2\7\6\0\3\0\53
\03\6\2\1\3\6\6\0\5\1\0\3\6\2\2\4\1\3\1\3\5\7\2\1\6\0\4\1\0\6\7\3\1\3
\1\2\1\3\0\2\4\5\1\56
\11\13
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "Trustwave Global ECC P384 Certification Authority"
# Issuer: CN=Trustwave Global ECC P384 Certification Authority,O="Trustwave Holdings, Inc.",L=Chicago,ST=Illinois,C=US
# Subject: CN=Trustwave Global ECC P384 Certification Authority,O="Trustwave Holdings, Inc.",L=Chicago,ST=Illinois,C=US
# Not Valid After : Sat Aug 23 19:36:43 2042
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Trustwave Global ECC P384 Certification Authority"

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\014\010\275\205\227\154\231\047\244\200\150\107\073
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "NAVER Global Root Certification Authority"
#
# Issuer: CN=NAVER Global Root Certification Authority,O=NAVER BUSINESS PLATFORM Corp.,C=KR
# Subject: CN=NAVER Global Root Certification Authority,O=NAVER BUSINESS PLATFORM Corp.,C=KR
# Not Valid Before: Fri Aug 18 08:58:42 2017
# Not Valid After : Tue Aug 18 23:59:59 2037
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "NAVER Global Root Certification Authority"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\151\061\013\060\003\125\004\006\023\002\113\122\061
\046\060\044\006\003\125\004\012\014\035\116\101\126\105\122\040
\102\125\123\111\116\105\123\123\014\001\014\101\124\106\117\122
\115\040\103\157\162\160\056\061\062\060\060\006\003\125\004\003
\014\051\116\101\126\105\122\040\07\154\157\142\141\154\040\122
\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\151\061\013\060\001\110\066\003\125\004\006\023\002\113\122\061
\046\060\044\006\003\125\004\012\014\035\116\101\126\105\122\040
\102\125\123\111\116\105\123\123\040\120\114\101\124\106\117\122
\115\040\103\157\162\160\056\061\062\060\060\006\003\125\004\003
\014\051\116\101\126\105\122\040\07\154\157\142\141\154\040\122
\157\157\164\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\014\010\275\205\227\154\231\047\244\200\150\107\073
END
CKA_VALUE MULTILINE_OCTAL

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3934
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE
# Trust for "NAVER Global Root Certification Authority"
# Issuer: CN=NAVER Global Root Certification Authority,O=NAVER BUSINESS PLATFORM Corp.,C=KR
# Subject: CN=NAVER Global Root Certification Authority,O=NAVER BUSINESS PLATFORM Corp.,C=KR
# Not Valid Before: Fri Aug 18 08:58:42 2017
# Not Valid After : Tue Aug 18 23:59:59 2037
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "NAVER Global Root Certification Authority"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\217\153\362\251\047\112\332\024\240\304\364\216\141\047\371\300
\036\170\135\321
END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\310\176\101\366\045\073\365\011\263\027\350\106\075\277\320\233
END

CKA_ISSUER MULTILINE_OCTAL
\060\151\061\013\060\003\125\004\006\023\002\113\122\061
\046\060\044\006\003\125\004\012\014\035\116\101\126\105\122\040
\102\125\123\111\116\105\123\123\040\120\114\101\124\106\117\122
\115\040\103\157\162\160\056\061\062\060\060\006\003\125\004\003
\014\051\116\101\126\105\122\040\07\154\157\142\141\154\040\122
\157\156\164\040\103\145\156\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\000\122\406\036\242\013\335\365\305\063\052\261\103\104
\161\370\326\210\115\015
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "AC RAIZ FNMT-RCM SERVIDORES SEGUROS"
# Issuer: CN=AC RAIZ FNMT-RCM SERVIDORES SEGUROS,OID.2.5.4.97=VATES-Q2826004J,OU=Ceres,O=FNMT-RCM,C=ES
# Subject: CN=AC RAIZ FNMT-RCM SERVIDORES SEGUROS,OID.2.5.4.97=VATES-Q2826004J,OU=Ceres,O=FNMT-RCM,C=ES
# Not Valid Before: Thu Dec 20 09:37:33 2018
\v63\v67\v63\v63\v132\v060\v170\v061\v013\v060\v0011\v006\v003\v125\v004\v006
\v023\v002\v105\v123\v061\v012\v060\v017\v006\v003\v125\v004\v012\v014\v010\v016
\v116\v115\v124\v055\v122\v103\v115\v061\v160\v060\v014\v006\v003\v125\v004\v013
\v014\v005\v103\v145\v162\v145\v163\v061\v030\v060\v026\v060\v003\v125\v004\v014\v141
\v014\v017\v126\v101\v112\v141\v053\v123\v055\v121\v062\v070\v062\v066\v060\v060\v064
\v1\v12\v061\v054\v060\v052\v060\v003\v125\v004\v003\v140\v043\v101\v030\v040\v122
\v101\v111\v132\v040\v106\v116\v115\v124\v055\v122\v103\v115\v040\v123\v105\v122
\v126\v111\v104\v117\v122\v105\v123\v040\v123\v105\v107\v125\v122\v117\v123\v060
\v166\v060\v020\v006\v007\v052\v206\v110\v316\v075\v002\v001\v006\v005\v053\v021
\v004\v000\v004\v020\v031\v042\v000\v004\v366\v027\v212\v127\v123\v310\v312\v253\v337\v066
\v112\v122\v041\v344\v227\v322\v203\v147\v236\v360\v145\v121\v320\v136\v207\v307
\v107\v261\v111\v362\v212\v271\v107\v233\v000\v002\v223\v104\v027\v151\v133\v102\v307
\v261\v262\v072\030\v162\v264\v135\v214\v263\v146\v135\v241\v064\v371\v066\v054
\v111\v333\v363\v106\v374\v263\v104\v151\v110\v402\v313\v46\v375\v327\v305\v375\v257
\v066\v115\v316\v003\v115\v007\v161\v131\v257\v152\v005\v322\v242\v103\v132\v012
\v122\v157\v001\v033\v116\v216\v213\v243\v102\v060\v100\v060\v017\v006\v003\v125
\v035\v023\v001\v010\v377\v004\v005\v060\v003\v001\v011\v377\v006\v160\v060\v003
\v125\v035\v017\v001\v003\v137\v004\v004\v003\v002\v001\v006\v060\v035\v006\v003
\v125\v035\v016\v004\v026\v000\v042\v001\v271\v057\v357\v277\v021\v206\v140\v362
\v117\v320\v101\v156\v253\v163\v037\v347\v322\v156\v111\v060\v012\v006\v010\v005
\v206\v110\v316\v075\v004\v003\v003\v003\v151\v000\v060\v146\v002\v061\v000\v256
\v112\v343\v053\v100\v303\v164\v021\v362\v225\v255\v026\v043\v336\v116\v014\v032
\v346\v135\v245\v044\v136\v153\v104\v173\v374\v070\v342\v117\v313\v234\v105\v027
\v021\v114\v024\v047\v046\v125\v071\v165\v112\v003\v314\v023\v220\v237\v222\v002
\v061\v100\v032\v112\v154\v140\v210\v163\v363\v356\v270\v230\v142\v251\v316\v053
\v302\v331\v122\v246\v160\v061\v035\v257\v260\v224\v114\v353\v117\v306\v343\v321
\v363\v142\v247\v074\v377\v223\v056\v007\v134\v111\v001\v147\v151\v022\v002\v162
\v277\v347
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "AC RAIZ FNMT-RCM SERVIDORES SEGUROS"
# Issuer: CN=AC RAIZ FNMT-RCM SERVIDORES SEGUROS,OID.2.5.4.97=VATES-Q2826004J,OU=Ceres,O=FNMT-RCM,C=ES
# Subject: CN=AC RAIZ FNMT-RCM SERVIDORES SEGUROS,OID.2.5.4.97=VATES-Q2826004J,OU=Ceres,O=FNMT-RCM,C=ES
# Not Valid Before: Thu Dec 20 09:37:33 2018
# Not Valid After : Sun Dec 20 09:37:33 2043
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "GlobalSign Secure Mail Root R45"
# Issuer: CN=GlobalSign Secure Mail Root R45,O=GlobalSign nv-sa,C=BE
# Subject: CN=GlobalSign Secure Mail Root R45,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Wed Mar 18 00:00:00 2020
# Not Valid After : Sat Mar 18 00:00:00 2045
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Secure Mail Root R45"

END

END

END

END


# Certificate "GlobalSign Secure Mail Root E45"

# Issuer: CN=GlobalSign Secure Mail Root E45,O=GlobalSign nv-sa,C=BE
# Subject: CN=GlobalSign Secure Mail Root E45,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Wed Mar 18 00:00:00 2020
# Not Valid After : Sat Mar 18 00:00:00 2045
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Secure Mail Root E45"

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\122\061\013\060\011\006\003\125\004\006\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\050\060\046\006\003
\125\004\003\023\037\107\154\157\142\141\154\123\151\147\156\040
\123\145\143\165\162\145\040\115\151\154\040\122\157\157\164
\040\105\064\065

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\202\016\123\376\252\047\035\225\106\135\326\361\1236\345\270 \220\012

END

CKA_VALUE MULTILINE_OCTAL
\060\202\002\041\060\022\001\124\240\003\002\001\002\002\020\166
\123\376\252\047\035\225\106\135\326\361\1236\345\270 \012\006\010\052\206\110\167\004\003\003\060\122\061\130\060
\011\006\003\125\004\060\023\002\102\105\061\031\060\027\006\003
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "GlobalSign Secure Mail Root E45"
# Issuer: CN=GlobalSign Secure Mail Root E45,O=GlobalSign nv-sa,C=BE
# Subject: CN=GlobalSign Secure Mail Root E45,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Wed Mar 18 00:00:00 2020
# Not Valid After : Sat Mar 18 00:00:00 2045
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Secure Mail Root E45"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\030\056\037\062\117\211\337\276\376\210\221\360\223\302\304\240
\053\147\165\041
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\305\374\306\056\237\364\122\055\052\250\244\272\373\147\062\377
END
CKA_ISSUER MULTILINE_OCTAL
\060\122\061\013\060\011\006\003\125\004\012\23\020\017\154\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\050\060\046\006\003
\125\004\003\023\037\107\154\142\141\154\123\151\147\156\040
\123\145\143\165\162\145\040\115\151\154\040\122\157\157\164
\040\105\064\065
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\166\123\376\252\047\035\225\106\135\326\361\123\136\345\270
\220\012
END
 CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
#
# Certificate "GlobalSign Root R46"
#
# Issuer: CN=GlobalSign Root R46,O=GlobalSign nv-sa,C=BE
# Subject: CN=GlobalSign Root R46,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Wed Mar 20 00:00:00 2019
# Not Valid After : Tue Mar 20 00:00:00 2046
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root R46"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\106\061\013\060\011\006\003\125\004\006\023\002\102\105\061
\031\060\027\006\003\125\004\012\023\020\017\154\157\142\141\154
\123\151\147\156\040\156\166\055\163\141\061\034\060\032\006\003
\125\004\003\023\023\107\154\157\142\141\154\123\151\147\156\040

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CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "GlobalSign Root R46"
# Issuer: CN=GlobalSign Root R46,O=GlobalSign nv-sa,C=BE
# Subject: CN=GlobalSign Root R46,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Wed Mar 20 00:00:00 2019
# Not Valid After: Tue Mar 20 00:00:00 2046
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root R46"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
CKA_CERT_MD5_HASH MULTILINE_OCTAL
CKA_ISSUER MULTILINE_OCTAL
CKA_SERIAL_NUMBER MULTILINE_OCTAL
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
Certificate "GlobalSign Root E46"

Issuer: CN=GlobalSign Root E46,O=GlobalSign nv-sa,C=BE
Subject: CN=GlobalSign Root E46,O=GlobalSign nv-sa,C=BE
Not Valid Before: Wed Mar 20 00:00:00 2019
Not Valid After: Tue Mar 20 00:00:00 2046
Fingerprint (SHA-256):

Certificate

# Certificate "GlobalSign Root E46"
# Issuer: CN=GlobalSign Root E46,O=GlobalSign nv-sa,C=BE
# Subject: CN=GlobalSign Root E46,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Wed Mar 20 00:00:00 2019
# Not Valid After : Tue Mar 20 00:00:00 2046
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign Root E46"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
END
CKA_VALUE MULTILINE_OCTAL
END
\034\060\032\006\003\125\004\003\023\023\107\154\157\142\141\154
\123\151\147\156\040\122\157\157\164\040\105\056\066\060\166\060
\020\006\007\052\206\110\316\075\002\001\006\005\053\201\010\040\000
\042\003\142\000\004\234\016\261\137\267\350\236\122\167\165\064
\372\245\106\247\255\062\031\062\264\007\251\047\312\224\273\014
\322\012\020\307\333\221\126\227\014\160\023\011\001\216\330\0352
\107\352\276\262\200\053\315\374\050\015\333\254\274\244\206\067
\355\160\010\000\016\5\352\223\013\173\056\122\234\043\150\043\0006
\103\354\222\057\123\204\333\373\107\024\007\350\137\224\147\135
\311\172\201\074\040\243\102\060\100\060\016\006\003\125\035\017
\001\010\137\377\004\004\003\000\002\001\206\060\017\006\003\125\035\023
\001\010\137\377\004\005\060\003\001\010\137\760\035\006\003\125\035
\016\004\026\004\024\061\012\220\217\266\306\235\322\104\113\200
\265\242\346\037\261\022\117\033\225\060\012\006\010\052\206\110
\316\075\004\003\003\031\150\000\060\145\002\061\000\337\124\220
\355\123\357\213\224\002\223\027\202\231\126\263\236\054\366\013
\221\124\237\112\024\261\366\144\274\273\150\121\023\140\003\367
\025\213\204\140\271\123\377\122\216\347\214\274\304\002\060\074
\371\021\324\214\116\300\301\141\302\025\145\252\253\035\103\061
\117\073\034\342\000\227\104\061\134\367\163\226\057\332\226\323
\376\010\007\263\064\211\274\005\237\367\036\206\356\213\160
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for “GlobalSign Root E46”
# Issuer: CN=GlobalSign Root E46,O=GlobalSign nv-sa,C=BE
# Subject: CN=GlobalSign Root E46,O=GlobalSign nv-sa,C=BE
# Not Valid Before: Wed Mar 20 00:00:00 2019
# Not Valid After : Tue Mar 20 00:00:00 2046
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 “GlobalSign Root E46”
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\071\264\154\325\376\200\006\353\342\057\112\273\010\063\240\257
\333\271\335\204
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\265\270\146\355\336\010\203\343\311\342\001\064\006\254\121\157
END
CKA_ISSUER MULTILINE_OCTAL
\060\010\061\013\060\011\006\000\03\125\004\006\023\002\102\105\061 \031\060\027\006\003\125\004\012\023\020\107\154\157\142\141\154 \123\151\147\156\040\165\055\163\141\061\034\060\032\006\003 \125\004\003\023\023\107\154\157\142\141\154\123\151\147\156\040 \122\157\157\164\040\105\064\066

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\022\021\021\322\273\272\063\156\324\274\346\044\150\305\015\204 \035\230\350\103

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "GLOBALTRUST 2020"
#
# Issuer: CN=GLOBALTRUST 2020,O=e-commerce monitoring GmbH,C=AT
# Serial Number: 5a:4b:bd:5a:fb:4f:8a:5b:fa:65:e5
# Subject: CN=GLOBALTRUST 2020,O=e-commerce monitoring GmbH,C=AT
# Not Valid Before: Mon Feb 10 00:00:00 2020
# Not Valid After: Sun Jun 10 00:00:00 2040
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GLOBALTRUST 2020"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\015\061\013\060\011\006\000\03\125\004\006\023\002\101\124\061 \043\060\041\006\003\125\004\012\023\032\145\055\143\157\155\155 \145\162\143\145\040\155\157\156\151\164\157\162\151\156\147\040 \107\155\142\11\061\03\060\027\006\003\125\004\003\023\020\017 \114\111\102\101\114\124\122\125\123\124\040\062\060\062\060

END

CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\015\061\013\060\011\006\000\03\125\004\006\023\002\101\124\061 \043\060\041\006\003\125\004\012\023\032\145\055\143\157\155\155 \145\162\143\145\040\155\157\156\151\164\157\162\151\156\147\040 \107\155\142\11\061\03\060\027\006\003\125\004\003\023\020\017 \114\111\102\101\114\124\122\125\123\124\040\062\060\062\060

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
# Trust for "GLOBALTRUST 2020"
# Issuer: CN=GLOBALTRUST 2020,O=e-commerce monitoring GmbH,C=AT
# Serial Number:5a:4b:bd:5a:fb:4f:8a:5b:fa:65:e5
# Subject: CN=GLOBALTRUST 2020,O=e-commerce monitoring GmbH,C=AT
# Not Valid Before: Mon Feb 10 00:00:00 2020
# Not Valid After : Sun Jun 10 00:00:00 2040
# Fingerprint (SHA-256):
# Fingerprint (SHA1):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GLOBALTRUST 2020"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\320\147\301\023\121\001\014\252\320\307\152\145\067\061\026\046
\117\123\161\242
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\212\307\157\313\155\343\314\242\361\174\203\372\016\170\327\350
END
CKA_ISSUER MULTILINE_OCTAL
\060\115\061\013\060\001\100\006\003\125\004\006\023\002\101\124\061
\043\060\041\006\003\125\004\012\023\032\145\055\143\157\155\155
\145\162\143\145\040\155\157\156\151\164\157\162\151\156\147\040
\107\155\142\110\061\031\060\027\006\003\125\004\003\023\020\107
\114\117\102\101\114\124\122\125\123\124\040\062\060\062\060
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\013\132\113\275\132\373\117\212\133\372\145\345
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "ANF Secure Server Root CA"
# Issuer: CN=ANF Secure Server Root CA,OU=ANF CA Raiz,O=ANF Autoridad de Certificacion,C=ES,serialNumber=G63287510
# Serial Number:0d:3e:bc:6c:f9:6b:bb
# Subject: CN=ANF Secure Server Root CA,OU=ANF CA Raiz,O=ANF Autoridad de Certificacion,C=ES,serialNumber=G63287510
# Not Valid Before: Wed Sep 04 10:00:38 2019
# Not Valid After : Tue Aug 30 10:00:38 2039
# Fingerprint (SHA-256):
\060\003\125\035\023\001\001\137\000\040\000\050\000\060\000\003\001\001\137\077\060
\015\006\001\110\052\206\110\0206\367\015\001\001\013\005\000\003\202
\002\000\001\116\036\271\1212\306\240\230\077\156\033\151\130\0152
\134\111\122\254\313\053\135\170\070\301\325\124\204\237\223\360
\207\031\075\054\146\211\353\015\102\374\314\360\165\205\077\213
\364\200\135\171\134\50\271\147\275\065\202\234\232\074\216\175\133
\066\031\132\200\000\005\136\216\053\045\361\217\252\155\005\223
\154\162\307\126\353\337\120\043\050\345\105\020\75\350\147\243
\257\016\125\017\220\011\142\357\113\112\242\366\123\361\130\0065
\144\057\301\044\275\171\057\116\040\042\073\375\032\040\260\244
\101\054\160\035\55\164\077\207\023\225\066\121\310\350\207\046\312
\244\133\152\026\041\222\335\163\140\236\020\030\336\074\201\352
\150\030\303\017\42\11\126\213\120\076\275\021\342\025\030\250\0666
\175\063\001\015\41\100\2025\327\210\220\213\004\035\314\346\007\364
\274\064\220\355\023\342\352\213\333\217\243\063\017\301\051\114
\023\116\332\025\126\161\163\162\202\202\120\366\232\063\174\242\261
\250\032\064\164\145\134\316\321\133\353\253\123\340\032\200\303\352
\072\113\44\046\060\233\345\034\212\250\251\025\062\206\231\1222
\012\020\043\126\022\340\366\136\114\342\273\276\333\215\222\163
\001\146\057\142\076\262\162\047\105\066\355\115\126\343\227\231
\377\070\065\245\124\112\212\121\113\130\333\356\376\170\021
\177\112\334\024\171\140\266\153\144\003\333\025\203\341\242\276
\366\043\227\120\360\011\063\066\247\161\226\045\363\271\102\175
\333\070\077\054\130\254\350\102\341\016\330\323\073\114\056\202
\351\020\056\153\061\133\133\335\107\206\117\155\227\221\056\117\342
\050\161\065\026\321\162\163\376\045\053\007\107\044\143\047\310
\370\036\331\153\374\022\061\126\010\300\123\102\257\234\320\063
\176\374\003\063\060\110\040\030\024\361\130\352\362\152\015\251\021
\262\203\276\050\032\277\007\352\131\334\243\210\065\357\234\166
\062\074\115\006\042\316\025\345\353\236\330\217\332\336\322\304
\071\135\042\271\131\170\070\107\353\171\210\155\131\033\337\237\102
\024\256\176\317\250\260\146\145\332\067\257\237\252\075\352\050
\266\336\325\061\130\026\202\013\335\252\031\165\002\163\032\312
\110\032\041\212\220\012\216\223\204\247\175\073\043\030\222\211
\240\215\254
END

CKA_NSS MOZILLA_CA POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "ANF Secure Server Root CA"
# Issuer: CN=ANF Secure Server Root CA,OU=ANF CA Raiz,O=ANF Autoridad de
Certificacion,C=ES,serialNumber=G63287510
# Serial Number:0:d:3:e:3:bc:6c:f9:6b:b1
# Subject: CN=ANF Secure Server Root CA,OU=ANF CA Raiz,O=ANF Autoridad de
Certificacion,C=ES,serialNumber=G63287510
# Not Valid Before: Wed Sep 04 10:00:38 2019
# Not Valid After : Tue Aug 30 10:00:38 2039
# Fingerprint (SHA-256):
# Fingerprint (SHA1):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ANF Secure Server Root CA"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\133\156\150\320\314\025\266\240\137\036\301\137\256\002\374\153
\057\135\157\164
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\046\246\104\132\331\257\116\057\262\035\266\145\260\116\350\226
END
CKA_ISSUER MULTILINE_OCTAL
\060\201\204\061\022\060\020\006\003\125\004\005\023\011\107\066
\063\062\070\067\065\061\060\061\013\060\060\011\006\003\125\004\006
\023\002\010\123\061\047\060\045\006\003\125\004\012\023\036\101
\116\106\040\010\116\165\164\157\162\151\144\141\144\040\144\145\040
\103\145\162\164\151\146\151\143\141\143\151\157\156\061\102\406
\022\006\003\125\004\013\023\013\101\116\106\040\103\101\040\122
\141\151\172\061\102\060\040\006\003\125\004\003\023\031\101\116
\106\040\123\145\143\165\162\145\040\123\145\162\166\145\162\040
\122\157\157\164\040\103\101
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\015\323\343\274\154\371\153\261
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "Certum EC-384 CA"
#
# Issuer: CN=Certum EC-384 CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL
# Subject: CN=Certum EC-384 CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL
# Not Valid Before: Mon Mar 26 07:24:54 2018
# Not Valid After : Thu Mar 26 07:24:54 2043
# Fingerprint (SHA-256):
# Fingerprint (SHA1):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
# Trust for "Certum EC-384 CA"

# Issuer: CN=Certum EC-384 CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL
# Subject: CN=Certum EC-384 CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL
# Not Valid Before: Mon Mar 26 07:24:54 2018
# Not Valid After : Thu Mar 26 07:24:54 2043
# Fingerprint (SHA-256):

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Certum EC-384 CA"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\363\076\170\007\425\337\364\242\314\254\147\125\151\126\327\345 \026\074\341\355

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\266\145\263\226\140\227\022\241\354\116\341\075\243\306\311\361

END

CKA_ISSUER MULTILINE_OCTAL
\060\164\061\013\060\011\006\003\125\004\006\023\002\120\114\061
# Certificate "Certum Trusted Root CA"

# Issuer: CN=Certum Trusted Root CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL
# Subject: CN=Certum Trusted Root CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL
# Not Valid Before: Fri Mar 16 12:10:13 2018
# Not Valid After: Mon Mar 16 12:10:13 2043
# Fingerprint (SHA-256):

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\041\060\037\006\003\125\004\012\023\030\101\163\163\145\143\157
\040\014\141\164\141\040\123\171\163\164\145\155\163\040\123\056
\101\056\061\047\060\045\006\003\125\004\013\023\036\103\145\162
\164\165\155\040\103\145\162\164\151\146\151\143\141\164\151\157
\156\040\101\165\164\150\157\162\151\164\171\061\037\060\035\006
\003\125\004\003\023\026\103\145\162\164\151\155\040\124\162\165
\163\164\145\144\040\122\157\157\164\040\103\101

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "Certum Trusted Root CA"
# Issuer: CN=Certum Trusted Root CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL
# Subject: CN=Certum Trusted Root CA,OU=Certum Certification Authority,O=Asseco Data Systems S.A.,C=PL
# Not Valid Before: Fri Mar 16 12:10:13 2018
# Not Valid After : Mon Mar 16 12:10:13 2043
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "Certum Trusted Root CA"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

CKA_CERT_MD5_HASH MULTILINE_OCTAL

CKA_ISSUER MULTILINE_OCTAL

CKA_SERIAL_NUMBER MULTILINE_OCTAL

END

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

END

CKA_CERT_MD5_HASH MULTILINE_OCTAL

END

CKA_ISSUER MULTILINE_OCTAL

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL

END
# Certificate "TunTrust Root CA"

# Issuer: CN=TunTrust Root CA,O=Agence Nationale de Certification Electronique,C=TN
# Subject: CN=TunTrust Root CA,O=Agence Nationale de Certification Electronique,C=TN
# Not Valid Before: Fri Apr 26 08:57:56 2019
# Not Valid After: Tue Apr 26 08:57:56 2044

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "TunTrust Root CA"

END
# Trust for "TunTrust Root CA"

- Issuer: CN=TunTrust Root CA,O=Agence Nationale de Certification Electronique,C=TN
- Subject: CN=TunTrust Root CA,O=Agence Nationale de Certification Electronique,C=TN
- Not Valid Before: Fri Apr 26 08:57:56 2019
- Not Valid After: Tue Apr 26 08:57:56 2044
- Fingerprint (SHA-256):
- Fingerprint (SHA1):

# Certificate "HARICA TLS RSA Root CA 2021"

- Issuer: CN=HARICA TLS RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
- Subject: CN=HARICA TLS RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
- Not Valid After: Mon Feb 13 10:55:37 2045
- Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA TLS RSA Root CA 2021"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL


CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL


CKA_SERIAL_NUMBER MULTILINE_OCTAL


CKA_VALUE MULTILINE_OCTAL


END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL


END

CKA_SERIAL_NUMBER MULTILINE_OCTAL


END

CKA_VALUE MULTILINE_OCTAL


END
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "HARICA TLS RSA Root CA 2021"
# Issuer: CN=HARICA TLS RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Subject: CN=HARICA TLS RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Not Valid Before: Fri Feb 19 10:55:38 2021
# Not Valid After : Mon Feb 13 10:55:37 2045
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA TLS RSA Root CA 2021"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\002\055\005\202\372\210\316\024\014\006\171\336\177\024\020\351
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA TLS ECC Root CA 2021"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\154\061\110\111\103\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\003\125\004\012\014\056\110\145\154\154\154\156
\151\143\040\101\114\144\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\044\060\042\006\003\125\004
\003\014\033\110\101\122\111\103\101\040\124\114\123\040\122\123
\101\040\122\157\157\164\040\103\101\040\062\060\062\061
END

# # Certificate "HARICA TLS ECC Root CA 2021"
# # Issuer: CN=HARICA TLS ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Subject: CN=HARICA TLS ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Not Valid Before: Fri Feb 19 11:01:10 2021
# Not Valid After : Mon Feb 13 11:01:09 2045

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3973
# Trust for "HARICA TLS ECC Root CA 2021"
# Issuer: CN=HARICA TLS ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Not Valid Before: Fri Feb 19 11:01:10 2021
# Not Valid After : Mon Feb 13 11:01:09 2045
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA TLS ECC Root CA 2021"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
END
CKA_ISSUER MULTILINE_OCTAL
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
# Certificate "HARICA Client RSA Root CA 2021"

# Issuer: CN=HARICA Client RSA Root CA 2021, O=Hellenic Academic and Research Institutions CA, C=GR
# Subject: CN=HARICA Client RSA Root CA 2021, O=Hellenic Academic and Research Institutions CA, C=GR
# Not Valid Before: Fri Feb 19 10:58:46 2021
# Not Valid After: Mon Feb 13 10:58:45 2045

CKA_CLASS CK_OBJECT_CLASS CKCertificate
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA Client RSA Root CA 2021"

CKA_CERTIFICATE_TYPE CK_Certificate_Type CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\010\114\114\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\047\060\045\006\003\125\004
\003\014\036\110\101\122\111\103\010\040\103\154\151\145\156\164
\040\122\123\101\040\122\157\157\164\040\103\101\040\062\060\062
\061
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\157\061\013\060\011\006\003\125\004\012\014\056\110\145\154\154\145\156
\151\143\040\010\114\114\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\047\060\045\006\003\125\004
\003\014\036\110\101\122\111\103\010\040\103\154\151\145\156\164
\040\122\123\101\040\122\157\157\164\040\103\101\040\062\060\062
\061
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\205\005\252\002\005\252\002\005\252\002\005\252\002\005\252
\002\050\076
END

CKA_VALUE MULTILINE_OCTAL
\060\020\012\151\122\370\036\333\033\044\054\236\273\226\030\315\002
\050\076
END

Open Source Used In Intelligent Node Manager 3.0 3.3.0 3976
\275\227\006\350\055\205\334\076\066\123\226\173\040\272\350\031
\314\253\226\142\076\021\174\263\000\204\234\267\114\161\253\112
\067\002\003\001\000\000\123\102\060\100\060\017\006\006\031\250\035
\023\001\100\137\77\004\005\060\000\303\001\001\137\77\060\035\060\003\125
\035\016\004\026\004\024\240\326\070\075\136\044\367\173\240\104
\056\044\122\015\031\252\053\004\221\247\060\016\006\003\125\035
\017\001\000\137\77\004\004\003\002\001\206\060\015\006\011\052\206
\11\02\206\367\015\000\010\1\013\005\000\003\202\000\020\001\000\015\107
\37\11\114\060\112\23\354\171\135\363\023\056\150\076\355\226\105
\131\072\246\230\143\077\352\053\115\116\003\320\034\202\341\131
\323\345\326\253\133\147\050\274\235\376\014\231\012\200\012\254\27
\316\033\043\141\015\260\127\360\376\340\312\276\346\220\333\203
\054\276\203\126\364\171\266\376\320\015\010\247\130\037\151\135
\201\365\005\245\376\106\150\035\315\141\170\311\340\353\347\346\336
\061\103\352\232\325\054\020\143\050\235\135\250\032\176\210\036\4347
\053\361\054\325\322\000\052\236\133\404\055\275\067\146\324\004\024\242\247
\255\277\072\020\250\073\235\377\215\235\063\340\271\232\204\241
\070\037\166\63\024\022\163\206\371\060\110\076\313\210\076\252
\134\153\326\057\014\350\166\163\302\303\221\023\071\266\146\132
\320\037\140\047\135\115\343\366\072\015\154\120\234\170\173\253
\363\023\202\206\250\017\057\253\350\144\263\030\040\235\106\065\144
\045\163\352\233\020\134\130\065\211\261\106\110\102\247\364\254\324
\035\236\133\134\251\245\032\023\117\044\102\252\331\033\155\261
\100\037\323\255\310\316\404\302\157\024\162\354\333\065\237\270
\124\165\105\030\246\310\032\205\006\65\072\256\145\362\251\230\316
\257\133\110\070\214\061\073\177\314\334\232\267\345\341\333\326\320
\131\13\364\166\272\013\313\117\203\020\030\71\003\200\035\014\350\052
\345\110\130\167\014\105\151\276\031\161\004\044\342\343\404\040\37
\112\310\80\107\062\231\365\226\230\070\110\045\241\025\260\033\327
\342\2204\030\133\366\161\065\232\150\173\100\314\030\134\014\044
\235\324\225\235\365\231\252\206\352\256\254\277\364\024\031\044\350
\214\354\343\365\274\066\150\212\052\014\045\137\012\227\165\247
\334\176\300\375\327\172\030\337\060\321\070\113\037\260\230\160
\277\174\171\463\360\156\304\061\124\254\242\227\035\254\277\316\154
\041\112\276\047\043\147\363\006\126\210\012\221\126\266\341\003
\005\063\054\332\064\010\115\116\120\043\255\037\245\305\032\4172
\376\352\113\54\247\050\140\213\106\174\265\352\233\335\117\371
\347\153\025\036\210\317\103\333\345\047\334\040\126\156\157\106
\025\361\112\260\055\350\134\014\163\303\043\201\070\040\313\311\014
\15\13\170\054\253\073\204\140\063\031\122\375\151\024\063
END
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "HARICA Client RSA Root CA 2021"
# Issuer: CN=HARICA Client RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
Subject: CN=HARICA Client RSA Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
Not Valid Before: Fri Feb 19 10:58:46 2021
Not Valid After: Mon Feb 13 10:58:45 2045
Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA Client RSA Root CA 2021"

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Subject: CN=HARICA Client ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
Not Valid Before: Fri Feb 19 11:03:34 2021
Not Valid After: Mon Feb 13 11:03:33 2045
Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HARICA Client ECC Root CA 2021"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\157\061\103\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\104\056\110\145\154\151\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\047\060\045\006\003\125\004
\003\014\036\110\101\122\111\110\031\010\040\033\015\141\145\156\164
\040\105\103\03\040\122\157\157\164\040\03\101\040\062\060\062
\061
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
\060\157\061\103\060\011\006\003\125\004\006\023\002\107\122\061
\067\060\065\006\003\125\004\012\104\056\110\145\154\151\145\156
\151\143\040\101\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\047\060\045\006\003\125\004
\003\014\036\110\101\122\111\110\031\010\040\033\154\151\145\145\156\164
\040\105\103\03\040\122\157\157\164\040\03\101\040\062\060\062
\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\061\150\331\330\341\142\127\036\142\032\031\104\210\134\020
\175\360
END
CKA_VALUE MULTILINE_OCTAL
\060\020\020\002\132\060\202\001\134\124\003\002\001\100\202\020\061
\150\033\130\034\142\127\036\022\031\104\210\036\060\020
\101\020\001\005\202\061\110\316\075\004\003\003\060\157\061\103\060
\011\060\003\125\004\006\023\002\107\122\061\067\060\065\006\003
\125\004\012\014\056\110\145\154\154\145\156\151\143\040\010\143
\141\144\145\155\151\143\040\141\156\144\040\122\145\163\145\141
\162\143\150\040\111\156\163\164\151\164\165\164\151\157\156\163
\040\103\101\061\047\060\045\006\003\125\004\003\014\036\110\101
\122\111\103\101\040\103\154\151\145\156\164\040\105\103\103\040
\122\157\157\164\040\103\101\040\062\060\062\061\060\036\027\015
\062\061\060\062\061\071\106\106\106\063\063\064\132\027\015\050
\065\060\062\061\063\061\106\106\063\063\061\132\060\157\061\103
\060\011\060\033\125\004\006\023\002\107\122\061\067\060\065\006
\003\125\004\004\101\145\156\151\143\040\101
\143\141\144\145\155\151\143\040\141\156\144\040\122\145\163\145
\141\162\143\150\040\111\156\163\164\151\164\165\164\151\157\156
# Trust for "HARICA Client ECC Root CA 2021"
# Issuer: CN=HARICA Client ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Subject: CN=HARICA Client ECC Root CA 2021,O=Hellenic Academic and Research Institutions CA,C=GR
# Not Valid Before: Fri Feb 19 11:03:34 2021
# Not Valid After : Mon Feb 13 11:03:33 2045
# Fingerprint (SHA-256):

# Open Source Used In Intelligent Node Manager 3.X 3.3.0
# Certificate "Autoridad de Certificacion Firmaprofesional CIF A62634068"

# Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Serial Number:1b:70:e9:d2:ff:ae:6c:71
# Subject: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Not Valid Before: Tue Sep 23 15:22:07 2014
# Not Valid After : Mon May 05 15:22:07 2036
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Autoridad de Certificacion Firmaprofesional CIF A62634068"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\157\061\013\060\011\010\060\003\0125\004\006\023\002\107\122\061
\060\121\060\065\006\003\0125\004\012\014\056\110\145\154\154\151\156
\151\143\040\110\143\141\144\145\155\151\143\040\141\156\144\040
\122\145\163\145\141\162\143\150\040\111\156\163\164\151\164\165
\164\151\157\156\163\040\103\101\061\047\060\045\006\003\125\004
\003\014\036\110\122\111\103\101\040\103\154\151\145\156\164
\040\105\103\103\040\122\157\157\164\040\103\101\040\062\060\062
\061
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\150\331\330\341\142\127\036\322\031\047\060\045\006\003\125\004
\003\014\036\110\122\111\103\101\040\103\154\151\145\156\164
\040\105\103\103\040\122\157\157\164\040\103\101\040\062\060\062
\061
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
002010033116035113323772561154161
END

CKA_VALUE MULTILINE_OCTAL
060202006020406020200333741240003002001102002010033
1602351132237725611541610600101500600110522061110026367
0150010000101300050000601210106101306001100060031250004
0060230020105123061102060100060031325000403014071
10101651164157162115114411440401441450401033145162
1641141146114114411441144115711550401061151162155141
1601621571146114511511571156141115410010331111106040
1010066026066064066066006060036027015061064060
07106206306106506206060671320270150636600606065
0600650610650620606067132060121061013060011006
003125004000602030020105123061102060100060031325004
003014071110101165116415716211511441144040144145040
10311451621164151114311431143115115711560401061151
16211541146116016215711461145115115711561411154100103
11111060401010660260660630640660660700600202002042
06001500601105220611020636701500100100005000003
02020020170000600602002010200202002010000131226153
21635321337331612420653401771143323403031223271175
2660231000213626310305230411711522623120341135050
2321170021032151131127257265040102344213017346337
11321342011342220573650211344142327062161607331004014
16121530751121176010170037311430051134351277224157301
051202300264332121260301074273255067112134312361
113066016044253277303204167375250120364261347306
05732205513121511720121162261511222202526066030354
137437204203014067037311222067177327201055345304
2711340076064337614736407614632113233641003171361142
0611706006076040030312316367162033045154223164
02042231243116326110162522070200200431131137040005031107
355115021622202231213357343260532622222074040317341
17325704072074201661171166335354032206141063076347
17332640772400171216242271152157217070461571011154
2102246120375152143013136522320630331217262355233
23331122036500101433703110750170760700433111057217
0143211002376033125326116320215074257117244363376
2570523230052351711010241311127061264234311022062
147364030320622307237410733032117022606113037272053
0141371352312551432111320440401663300337375253116
246042252235136346004712121751150051243347212270332

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3983
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "Autoridad de Certificacion Firmaprofesional CIF A62634068"
# Issuer: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Serial Number:1b:70:e9:d2:ff:ae:6c:71
# Subject: CN=Autoridad de Certificacion Firmaprofesional CIF A62634068,C=ES
# Not Valid Before: Tue Sep 23 15:22:07 2014
# Not Valid After: Mon May 05 15:22:07 2036
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "Autoridad de Certificacion Firmaprofesional CIF A62634068"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\013\276\302\047\042\111\313\071\252\333\065\134\123\343\214\256
\710\377\266\376
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\116\156\233\124\114\312\267\372\110\344\220\261\025\113\034\243
END
CKA_ISSUER MULTILINE_OCTAL
\060\121\106\101\135\060\001\100\060\003\125\004\006\023\002\105\123\061
\102\060\100\000\003\125\004\003\014\071\101\165\164\157\162\151
\144\141\144\040\144\145\040\103\145\162\164\151\146\151\143\141
\143\151\157\156\040\106\151\162\155\141\160\162\157\146\145\163
\151\157\156\141\154\040\103\111\106\040\010\106\062\066\063\064
\060\066\070
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\010\033\160\035\132\223\377\256\154\161
END
# Certificate "vTrus ECC Root CA"

# Issuer: CN=vTrus ECC Root CA,O="iTrusChina Co.,Ltd.",C=CN
# Subject: CN=vTrus ECC Root CA,O="iTrusChina Co.,Ltd.",C=CN
# Not Valid Before: Tue Jul 31 07:26:44 2018
# Not Valid After : Fri Jul 31 07:26:44 2043
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE

CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "vTrus ECC Root CA"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL
060107060101030601010006031250040060230021031116061
034060032000603125004012023023151124162165163103
150151156114104010315705610541141641440561061032060
030006003125004003023021166124162165163040105103
103040122157157164040103101

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
060107060101030601010006031250040060230021031116061
034060032000603125004012023023151124162165163103
150151156114104010315705610541141641440561061032060
030006003125004003023021166124162165163040105103
103040122157157164040103101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
0020024156115227413112521232762300711472423221153244
073346155034326332

END

CKA_VALUE MULTILINE_OCTAL
06020200020107060202000112252490003002001002002024156
152274131125212327623007114724232211532441073346155
03412633206012060101052061110316075004003003060
107061103060110600031250040060230021031116061034
060032006003125004012023023151124162165163103103
151156114104010311570561054114164144056061032060030
```

# Trust for "vTrus ECC Root CA"
# Issuer: CN=vTrus ECC Root CA,O="iTrusChina Co., Ltd.",C=CN
# Subject: CN=vTrus ECC Root CA,O="iTrusChina Co., Ltd.",C=CN
# Not Valid Before: Tue Jul 31 07:26:44 2018
# Not Valid After: Fri Jul 31 07:26:44 2043
# Fingerprint (SHA-256):
# Fingerprint (SHA1):

CKA_CLASS  CK_OBJECT_CLASS  CKO_NSS_TRUST
CKA_TOKEN  CK_BBOOL  CK_TRUE
CKA_PRIVATE  CK_BBOOL  CK_FALSE
CKA_MODIFIABLE  CK_BBOOL  CK_FALSE
CKA_LABEL  UTF8  "vTrus ECC Root CA"
CKA_CERT_SHA1_HASH  MULTILINE_OCTAL
```
# Certificate "vTrus Root CA"

# Issuer: CN=vTrus Root CA,O="iTrusChina Co.,Ltd.",C=CN
# Subject: CN=vTrus Root CA,O="iTrusChina Co.,Ltd.",C=CN
# Not Valid Before: Tue Jul 31 07:24:05 2018
# Not Valid After : Fri Jul 31 20:05 2043
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "vTrus Root CA"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\103\061\013\060\011\006\003\125\004\006\023\002\103\116\061
\034\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103
\150\151\156\141\040\103\157\056\054\114\164\144\056\061\026\060
\024\006\003\125\004\003\023\015\166\124\162\165\163\040\122\157
\157\164\040\103\101
END
CKA_ID UTF8 "0"
CKA_ISSUER MULTILINE_OCTAL
# Trust for "vTrus Root CA"
# Issuer: CN=vTrus Root CA,O="iTrusChina Co.,Ltd.",C=CN
# Subject: CN=vTrus Root CA,O="iTrusChina Co.,Ltd.",C=CN
# Not Valid Before: Tue Jul 31 07:24:05 2018
# Not Valid After : Fri Jul 31 07:24:05 2043
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "vTrus Root CA"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\204\032\151\373\365\315\032\045\023\075\343\370\374\270\0231
\320\311\024\267

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\270\311\067\337\372\153\033\125\004\006\023\023\151\124\162\165\163\103
\150\151\156\141\040\103\157\056\054\114\164\144\056\061\026\060
\024\006\003\125\004\003\023\015\166\124\162\165\163\040\122\157
\157\164\040\103\101

END

CKA_ISSUER MULTILINE_OCTAL
\060\013\061\103\060\011\006\003\125\004\006\023\002\103\116\061
\034\060\032\006\003\125\004\012\023\023\151\124\162\165\163\103
\150\151\156\141\040\103\157\056\054\114\164\144\056\061\026\060
\024\006\003\125\004\003\023\015\166\124\162\165\163\040\122\157
\157\164\040\103\101

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\024\103\343\161\023\330\263\131\024\135\267\316\214\375\065
\375\157\274\005\215\105

END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

#
# Certificate "ISRG Root X2"
#
## Issuer: CN=ISRG Root X2,O=Internet Security Research Group,C=US
# Subject: CN=ISRG Root X2,O=Internet Security Research Group,C=US
# Not Valid Before: Fri Sep 04 00:00:00 2020
# Not Valid After: Mon Sep 17 16:00:00 2040
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ISRG Root X2"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509

CKA_SUBJECT MULTILINE_OCTAL
\060\117\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\115\164\145\162\156
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
\125\004\003\023\014\111\123\122\107\040\122\157\157\157\164\040\130
\062
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\117\061\013\060\001\006\003\125\004\006\023\002\125\123\061
\051\060\047\006\003\125\004\012\023\040\111\115\164\145\162\156
\145\164\040\123\145\143\165\162\151\164\171\040\122\145\163\145
\141\162\143\150\040\107\162\157\165\160\061\025\060\023\006\003
\125\004\003\023\014\111\123\122\107\040\122\157\157\157\164\040\130
\062
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\020\101\322\235\321\162\352\356\247\200\301\054\154\351\057
\207\122
END

CKA_VALUE MULTILINE_OCTAL
\060\202\000\020\033\060\020\001\241\240\003\002\001\002\002\020\101
\322\235\321\162\352\356\247\200\301\054\154\351\057\207\122
\012\006\010\052\206\110\316\075\004\003\003\060\117\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\051\060\047\006\003
\125\004\012\023\040\111\115\164\145\162\156\145\145\164\040\123\145
\143\165\162\151\164\171\040\122\145\163\145\141\162\143\150\040
\107\162\157\165\160\061\025\060\023\006\003\125\004\003\023\014
\111\123\122\107\040\122\157\157\164\040\130\062\006\060\071\060\064\060\060\060\060\060\060\060\132\027\015\064
\060\060\071\061\067\061\066\060\060\060\060\060\132\060\117\061\013
\060\01\060\003\125\004\006\023\002\125\123\061\051\060\047\006
\003\125\004\012\023\040\111\156\164\145\162\156\145\145\164\040\123
\145\143\165\162\151\164\171\040\122\145\163\145\141\162\143\150
\040\107\162\157\165\160\061\025\060\023\006\003\125\004\003\023
# Trust for "ISRG Root X2"

# Issuer: CN=ISRG Root X2,O=Internet Security Research Group,C=US
# Subject: CN=ISRG Root X2,O=Internet Security Research Group,C=US
# Not Valid Before: Fri Sep 04 00:00:00 2020
# Not Valid After : Mon Sep 17 16:00:00 2040

CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "ISRG Root X2"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
CKA_CERT_MD5_HASH MULTILINE_OCTAL
CKA_ISSUER MULTILINE_OCTAL
CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

END

Open Source Used In Intelligent Node Manager 3.X 3.3.0 3993
CKA_SERIAL_NUMBER MULTILINE_OCTAL
02\51060|047\006|003\125|004|012|023|040|111|156|164|145|162|156
\145|164|040|123|145|\143|165|162|151|164|171|040|122|145|163|145
\141|162|143|\150|040|107|162|157|165|160|061|025|060|023|006|003
\125|004|003|023|014|111|123|122|107|040|122|157|157|164|040|130
\062
END

CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

# Certificate "HiPKI Root CA - G1"
#
# # Issuer: CN=HiPKI Root CA - G1,O="Chunghwa Telecom Co., Ltd.",C=TW
# # Subject: CN=HiPKI Root CA - G1,O="Chunghwa Telecom Co., Ltd.",C=TW
# # Not Valid Before: Fri Feb 22 09:46:04 2019
# # Not Valid After : Thu Dec 31 15:59:59 2037
# # Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "HiPKI Root CA - G1"

CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
00\61061|013|060|011|006|003|125|004|006|023|002|124|127|061
\043|060|041|006|003|125|004|012|014|032|103|150|165|156|147|150
\167|141|040|124|145|154|145|143|157|155|040|103|157|056|054|040
\114|164|144|056|061|033|060|031|006|003|125|004|003|014|022|110
\151|120|113|111|040|122|157|157|164|040|103|101|040|055|040|107
\061
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
00\61017|061|013|060|011|006|003|125|004|006|023|002|124|127|061
\043|060|041|006|003|125|004|012|014|032|103|150|165|156|147|150
\167|141|040|124|145|154|145|143|157|155|040|103|157|056|054|040
\114|164|144|056|061|033|060|031|006|003|125|004|003|014|022|110
\151|120|113|111|040|122|157|157|164|040|103|101|040|055|040|107
\061
END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
# Trust for "HiPKI Root CA - G1"
# Issuer: CN=HiPKI Root CA - G1,O="Chunghwa Telecom Co., Ltd.",C=TW
# Subject: CN=HiPKI Root CA - G1,O="Chunghwa Telecom Co., Ltd.",C=TW
# Not Valid Before: Fri Feb 22 09:46:04 2019
# Not Valid After : Thu Dec 31 15:59:59 2037
# Fingerprint (SHA-256):

# Certificate "GlobalSign ECC Root CA - R4"
# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4
# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4
# Not Valid Before: Tue Nov 13 00:00:00 2012
# Not Valid After : Tue Jan 19 03:14:07 2038
# Fingerprint (SHA-256):
# Fingerprint (SHA1):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GlobalSign ECC Root CA - R4"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
06012006010440600420060031125004013023033310713541157
14211514512315114715604010510310304012211571571164
0401031010400550401226046061023060210060031125004
0120230121071541157142114154123151147156061023060
021010000312500400302301210715411571421141541123151
1471156
END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
06012006010440600420060031125004013023033310713541157
14211514512315114715604010510310304012211571571164
0401031010400550401226046061023060210060031125004
0120230121071541157142114154123151147156061023060
021010000312500400302301210715411571421141541123151
1471156
END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
002015002003345176365022373752450110411262246

END

CKA_VALUE MULTILINE_OCTAL
060202001334060202010232400031002001002002015002
000334517636507722373752450110411262246060012006010
05220610103106075004000302060120606104060042060003
125004010302303331071541157142114154123151147156040
10510310304012211571164040103101040055040122064
06102306062100600312500400220302120715411571421141
15412315114715606102306021006003125004003023012
10715411571421141541231511471560600360270159061062
061061060163060606060606060606060606060320270159063070060
06106107106906360610646006067013206012060610440600042
0060003125004013023033310715411571421141541231511471156
040105103103040122115711640401031010400550504
1220640610230602100600312500401202301210715411571
14214115412315114715606102306021006003125004003
0230121071541157142114154123151147156060131060023
0060070520261103160750020100600100520261103160075
00300010070003102000000422070306171323217154045016237
05900710310340032442566232345071007011026312143261
# Trust for "GlobalSign ECC Root CA - R4"

# Issuer: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4


# Subject: CN=GlobalSign,O=GlobalSign,OU=GlobalSign ECC Root CA - R4

# Not Valid Before: Tue Nov 13 00:00:00 2012

# Not Valid After : Tue Jan 19 03:14:07 2038

# Fingerprint (SHA-256):


CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE

CKA_PRIVATE CK_BBOOL CK_FALSE

CKA_MODIFIABLE CK_BBOOL CK_FALSE

CKA_LABEL UTF8 "GlobalSign ECC Root CA - R4"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL

CKA_CERT_MD5_HASH MULTILINE_OCTAL

CKA_ISSUER MULTILINE_OCTAL

CKA_SERIAL_NUMBER MULTILINE_OCTAL

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE

CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE

CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

END
# Certificate "GTS Root R1"

# Issuer: CN=GTS Root R1,O=Google Trust Services LLC,C=US
# Subject: CN=GTS Root R1,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R1"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\077\061\030\035\011\006\003\305\125\004\006\023\002\125\123\061
\042\060\004\006\003\125\004\012\023\031\107\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\124\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\061

END

CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\077\061\030\035\011\006\003\305\125\004\006\023\002\125\123\061
\042\060\004\006\003\125\004\012\023\031\107\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\102\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\061

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\223\157\061\260\023\111\210\153\242\027

END

CKA_VALUE MULTILINE_OCTAL
\060\020\005\127\060\202\003\307\240\003\002\001\002\002\015\002
\003\345\223\157\061\260\023\111\210\153\242\027\060\015\006\011
\052\206\110\206\037\015\001\001\014\005\000\060\107\061\013\060
\011\006\003\125\004\006\023\002\125\123\061\042\060\040\006\003
\125\004\012\023\031\107\157\157\147\154\145\040\124\162\165\163
\164\040\123\145\162\166\151\143\145\163\040\114\114\103\061\024
\013\233\276\377\036\226\222\056\076\242\145\112\152\230\272\042
\313\175\301\072\233\300\202\120\012\006\306\366\245\336\300\116\207\146
\171\241\371\246\130\233\232\253\237\276\346\140\347\340\350\261\036
\102\210\016\030\130\250\250\245\316\211\160\025\312\265\044\250\317\153
\265\322\100\041\230\317\042\064\317\073\305\042\204\340\305\016
\212\174\135\210\034\40\046\316\233\076\032\124\036\156\333\262
\207\247\374\343\363\372\210\125\024\142\012\131\251\042\005\061\076
\202\236\356\333\317\206\042\274\063\225\323\202\033\350\047\242\213
\173\116\040\032\172\132\144\266\321\254\067\361\137\250\340\363\070
\354\162\360\021\116\253\313\064\122\215\346\166\153\027\306\337
\206\253\047\216\111\110\053\165\146\201\020\041\246\352\076\364\256
\045\377\174\025\336\316\214\045\077\312\141\121\160\012\367\057\011
\146\007\310\077\034\374\360\333\105\060\037\317\142\210\031\126\50\17
\235\303\023\7\12\336\131\131\107\205\020\042\066\346\020\427\355
\012\271\342\007\240\215\173\172\120\207\016\131\132\320\003\241\037
\062\007\335\033\334\401\23\160\140\001\015\141\200\265\010\130\013
\051\170\275\371\125\213\143\035\074\143\364\266\377\333\152\213\17
\061\153\231\236\054\301\153\121\202\244\323\276\346\030\242\275\205\077
\147\253\106\237\240\377\102\247\072\217\134\313\135\260\160\035
\053\064\365\324\166\01\014\215\336\170\111\141\131\005\363\063\102\203
\141\105\102\110\167\115\316\042\214\324\205\362\105\175\267\123
\135\237\100\132\224\012\134\040\135\116\100\135\140\042\166\337
\377\16\141\275\124\043\170\322\076\002\234\016\336\321\021\001
\211\366\277\355\111\007\142\256\222\235\100\032\257\024\011\331
\320\116\262\242\267\367\276\365\356\330\377\333\032\055\336\270\066
\161\134\327\41\172\267\224\045\321\110\163\133\241\065\347\263\231
\147\165\301\031\072\053\107\116\323\102\216\316\357\061\131\002\616\146
\332\322\014\074\333\263\216\311\124\015\200\017\173\026\167\024
\277\377\333\011\122\246\222\223\274\040\130\025\351\133\161\103\363
\336\020\303\000\334\250\052\225\266\303\236\077\220\153\166\333
\154\376\214\274\362\160\065\014\334\231\013\015\333\327\310\106
\143\325\066\161\125\127\373\267\202\155\334
END

CKA_NSS_Mozilla_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "GTS Root R1"
# Issuer: CN=GTS Root R1,O=Google Trust Services LLC,C=US
# Subject: CN=GTS Root R1,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R1"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\345\214\034\304\221\073\070\143\113\351\020\156\343\255\216\153\1235\331\201\112
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\005\376\320\277\161\250\243\166\143\332\001\340\330\122\334\100
END
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\001\100\060\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\061
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\223\157\260\023\111\210\153\242\027
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE
#
# Certificate "GTS Root R2"
#
# Issuer: CN=GTS Root R2,O=Google Trust Services LLC,C=US
# Serial Number:02:03:e5:ae:c5:8d:04:25:1a:ab:11:25:aa
# Subject: CN=GTS Root R2,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R2"
CKA_CERTIFICATE_TYPE CK_CERTIFICATE_TYPE CKC_X_509
CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\013\060\001\100\060\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\062
CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\071\063\060\011\060\060\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\157\147\154\145
\040\124\162\165\163\164\140\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\140\122\062

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\256\305\215\004\045\032\253\021\045\252

CKA_VALUE MULTILINE_OCTAL
\060\202\005\127\060\020\003\077\240\003\000\022\006\003\125\004\003
\012\023\031\107\157\157\147\154\145\040\124\162\165\163
\164\140\123\145\162\166\151\143\145\163\040\114\114\103\061\024
\060\022\006\003\125\004\003\023\013\107\124\123\040\122\157\157
\164\140\122\062\060\036\027\015\061\066\060\066\062\060\060
\060\060\060\060\013\020\157\063\060\060\066\062\062\060\060\060
\060\060\060\060\132\060\107\061\013\060\001\006\003\125\004\006
\023\002\125\123\060\104\060\040\006\003\125\004\012\023\031\107\157
\157\147\154\145\040\124\162\165\163\164\040\123\145\162\166\151
\143\145\163\040\114\114\103\061\024\060\022\006\003\125\004\004
\023\013\107\124\123\040\122\157\157\164\040\122\062\060\020\002
\042\060\150\006\001\105\220\110\206\036\170\150\001\001\001\005
\003\122\020\002\170\060\060\020\020\021\000\003\316\136\336
\375\246\373\135\354\354\024\064\074\007\000\161\132\154\131\136\370\011
\353\356\370\012\135\125\252\333\315\073\244\223\162\037\012\372\155
\123\035\366\360\020\020\013\324\111\102\122\137\071\130\052\267\356\050
\123\035\13\166\150\002\247\133\117\125\000\115\043\203\037\304\042\035
\237
\376\162\171\340\054\133\225\166\044\004\277\171\162\204\032\064\023
\135\007\115\034\225\045\173\166\241\134\161\151\127\120\031\127\251
\214\376\255\355\066\352\163\274\377\203\342\131\175\301\122
\232
\112\263\150\005\236\012\131\111\122\333\370\011\133\320\156\136\360
\126
\060\200\122\237\122\246\027\012\110\345\210\233\305\023\153
\336\260\312\264\003\360\332\364\220\270\145\144\367\134\141
\255
\350\171\144\161\016\231\132\272\030\027\063\310\032\023\125\255\356
\344
\105\173\211\112\253\172\120\037\142\122\204\022\263\032\100\227\343
\212\037\107\221\124\161\132\122\370\261\114\050\002\207\026\301
\127\011\261\100\102\040\230\171\130\367\376\037\356\076\135
\177\324\141\171\111\130\040\077\214\133\320\146\016\143\330
\021\150
\214\137\301\014\135\124\132\177\273\125\147\166\006\356\142\116
\134\222\210\060\115\032\227\017\103\102\323\020\042\265\023\024
\032\135
\373\163\301\127\141\335\050\126\165\023\256\027\163\347\014\121
\011\020\165\210\114\274\215\371\173\074\324\042\011\003\076\233

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Open Source Used In Intelligent Node Manager 3.X 3.3.0 4004
# Trust for "GTS Root R2"

Issuer: CN=GTS Root R2,O=Google Trust Services LLC,C=US


Subject: CN=GTS Root R2,O=Google Trust Services LLC,C=US

Not Valid Before: Wed Jun 22 00:00:00 2016

Not Valid After: Sun Jun 22 00:00:00 2036

Fingerprint (SHA-256):


# Certificate "GTS Root R3"

Issuer: CN=GTS Root R3,O=Google Trust Services LLC,C=US
CKA_CLASS CK_OBJECT_CLASS CKO_NSS_TRUST

CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R3"

CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\355\345\161\200\053\310\222\271\133\203\074\322\062\150\077\011\n\315\240\036\106 END

CKA_CERT_MD5_HASH MULTILINE_OCTAL
\076\347\235\130\002\224\106\121\224\345\340\042\112\213\347\163 END

CKA_ISSUER MULTILINE_OCTAL
\060\010\070\061\013\060\001\110\060\003\125\004\006\023\002\125\123\061\n\042\060\040\040\006\003\125\004\012\023\031\107\157\157\147\154\145\n\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040\n\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124

END

CKA_NSS_MOZILLA_CA_POLICY CK_BBOOL CK_TRUE
CKA_NSS_SERVER_DISTRUST_AFTER CK_BBOOL CK_FALSE
CKA_NSS_EMAIL_DISTRUST_AFTER CK_BBOOL CK_FALSE

# Trust for "GTS Root R3"
# Issuer: CN=GTS Root R3,O=Google Trust Services LLC,C=US
# Subject: CN=GTS Root R3,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036

# Fingerprint (SHA-256):

END
# Certificate "GTS Root R4"

# Issuer: CN=GTS Root R4, O=Google Trust Services LLC, C=US
# Subject: CN=GTS Root R4, O=Google Trust Services LLC, C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036

CKA_CLASS CK_OBJECT_CLASS CKO_CERTIFICATE
CKA_TOKEN CK_BBOOL CK_TRUE
CKA_PRIVATE CK_BBOOL CK_FALSE
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_ID UTF8 "0"

CKA_ISSUER MULTILINE_OCTAL
\060\107\061\13\060\011\100\060\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\064

END

CKA_SUBJECT MULTILINE_OCTAL
\060\107\061\13\060\011\100\060\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\064

END

CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\300\150\357\143\032\234\162\220\120\122

END

CKA_VALUE MULTILINE_OCTAL
\060\202\002\011\106\020\202\001\216\240\003\002\001\002\002\015\002
\003\345\300\150\357\143\032\234\162\220\120\122\060\012\006\010
CKA_NSS_Mozilla_CA_Policy CK_BOOL CK_TRUE
CKA_NSS_Server_Distrust_After CK_BOOL CK_FALSE
CKA_NSS_Email_Distrust_After CK_BOOL CK_FALSE

# Trust for "GTS Root R4"
# Issuer: CN=GTS Root R4,O=Google Trust Services LLC,C=US
# Serial Number:02:03:ce:63:1a:9c:72:90:50:52
# Subject: CN=GTS Root R4,O=Google Trust Services LLC,C=US
# Not Valid Before: Wed Jun 22 00:00:00 2016
# Not Valid After : Sun Jun 22 00:00:00 2036
# Fingerprint (SHA-256):
# Fingerprint (SHA1):
CKA_MODIFIABLE CK_BBOOL CK_FALSE
CKA_LABEL UTF8 "GTS Root R4"
CKA_CERT_SHA1_HASH MULTILINE_OCTAL
\167\323\003\147\265\340\014\025\366\014\070\141\337\174\341\073
\222\106\115\107
END
CKA_CERT_MD5_HASH MULTILINE_OCTAL
\103\226\203\167\031\115\166\263\235\145\122\344\035\042\245\350
END
CKA_ISSUER MULTILINE_OCTAL
\060\107\061\013\060\011\006\003\125\004\006\023\002\125\123\061
\042\060\040\006\003\125\004\012\023\031\107\157\147\154\145
\040\124\162\165\163\164\040\123\145\162\166\151\143\145\163\040
\114\114\103\061\024\060\022\006\003\125\004\003\023\013\107\124
\123\040\122\157\157\164\040\122\064
END
CKA_SERIAL_NUMBER MULTILINE_OCTAL
\002\015\002\003\345\300\150\357\143\032\234\162\220\120\122
END
CKA_TRUST_SERVER_AUTH CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_EMAIL_PROTECTION CK_TRUST CKT_NSS_TRUSTED_DELEGATOR
CKA_TRUST_CODE_SIGNING CK_TRUST CKT_NSS_MUST_VERIFY_TRUST
CKA_TRUST_STEP_UP_APPROVED CK_BBOOL CK_FALSE

Found in path(s):
* /opt/cola/permits/1255209723_1642677937.1/0/cacertificates-20211220-r0-tgz/src/ca-certificates-20211220/certdata.txt
* /opt/cola/permits/1255209723_1642677937.1/0/cacertificates-20211220-r0-tgz/src/ca-certificates-20211220-tar-bz2/ca-certificates-20211220/certdata.txt

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

/* c_rehash.c - Create hash symlinks for certificates
 * C implementation based on the original Perl and shell versions
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 */

Found in path(s):
* /opt/cola/permits/1255209723_1642677937.1/0/cacertificates-20211220-r0-tgz/src/ca-certificates-20211220/c_rehash.c
* /opt/cola/permits/1255209723_1642677937.1/0/cacertificates-20211220-r0-tgz/src/ca-certificates-20211220-tar-bz2/ca-certificates-20211220/c_rehash.c
PCRE is a library of functions to support regular expressions whose syntax and semantics are as close as possible to those of the Perl 5 language.

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The basic library functions are written in C and are freestanding. Also included in the distribution is a set of C++ wrapper functions, and a just-in-time compiler that can be used to optimize pattern matching. These are both optional features that can be omitted when the library is built.

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Written by: Philip Hazel  
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1.248 groupcache 0.0.0-20190702054246-869f871628b6

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1.249 activation-api 1.1
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1.250 x-time-rate 0.0.0-20200630173020-3af7569d3a1e

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1.252 go-pluginserver 0.3.0

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1.254 systemd 237 3ubuntu10.33

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1.255 javassist 3.27.0-GA

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* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/ast/Visitor.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/ast/Member.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/tools/reflect/CannotInvokeException.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CtNewWrappedConstructor.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/LoaderClassPath.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/tools/rmi/AppletServer.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/ CtConstructor.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/tools/rmi/ObjectNotFoundException.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/compiler/ast/ArrayInit.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/Mnemonic.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/Mnemonic.java
* /opt/ cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CtNewClass.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/SignatureAttribute.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/CtArray.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-jar/javassist/convert/TransformNewClass.java
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  jar/javassist/bytecode/annotation/MemberValue.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
  jar/javassist/bytecode/annotation/EnumMemberValue.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
  jar/javassist/bytecode/annotation/ByteMemberValue.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
  jar/javassist/bytecode/annotation/ClassMemberValue.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
  jar/javassist/bytecode/annotation/MemberValueVisitor.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
  jar/javassist/bytecode/annotation/FloatMemberValue.java
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  jar/javassist/bytecode/annotation/IntegerMemberValue.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
  jar/javassist/bytecode/annotation/StringMemberValue.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
  jar/javassist/bytecode/annotation/ArrayMemberValue.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
  jar/javassist/bytecode/annotation/BooleanMemberValue.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
  jar/javassist/bytecode/annotation/LongMemberValue.java
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  jar/javassist/bytecode/annotation/CharMemberValue.java
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  jar/javassist/bytecode/annotation/Annotation.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
  jar/javassist/bytecode/annotation/ShortMemberValue.java
* /opt/cola/permits/1135872664_1613621010.52/0/javassist-3-27-0-ga-sources-1-
  jar/javassist/bytecode/annotation/AnnotationMemberValue.java
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  jar/javassist/bytecode/annotation/DoubleMemberValue.java

1.256 opencontainers-image-spec 1.0.1
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  jar/net/sourceforge/argparse4j/impl/type/CaseInsensitiveEnumNameArgumentType.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0.8-1-sources-
  jar/net/sourceforge/argparse4j/impl/type/EnumStringArgumentType.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0.8-1-sources-
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  jar/net/sourceforge/argparse4j/inf/ArgumentAction.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
  jar/net/sourceforge/argparse4j/helper/PrefixPattern.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
  jar/net/sourceforge/argparse4j/internal/SubparserImpl.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
  jar/net/sourceforge/argparse4j/impl/action/VersionArgumentAction.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
  jar/net/sourceforge/argparse4j/inf/ArgumentGroup.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
  jar/net/sourceforge/argparse4j/impl/action/AppendConstArgumentAction.java
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* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
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  jar/net/sourceforge/argparse4j/annotation/Arg.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
  jar/net/sourceforge/argparse4j/impl/action/AppendConstArgumentAction.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
  jar/net/sourceforge/argparse4j/annotation/Arg.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
  jar/net/sourceforge/argparse4j/impl/action/AppendConstArgumentAction.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
  jar/net/sourceforge/argparse4j/annotation/Arg.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
  jar/net/sourceforge/argparse4j/impl/action/AppendConstArgumentAction.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
  jar/net/sourceforge/argparse4j/annotation/Arg.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
  jar/net/sourceforge/argparse4j/impl/action/AppendConstArgumentAction.java
* /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-
  jar/net/sourceforge/argparse4j/annotation/Arg.java
* /opt/cola/permits/125733064_1642801966.95/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/action/StoreArgumentAction.java
* /opt/cola/permits/125733064_1642801966.95/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/choice/CollectionArgumentChoice.java
* /opt/cola/permits/125733064_1642801966.95/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/action/StoreFalseArgumentAction.java
* /opt/cola/permits/125733064_1642801966.95/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/choice/FeatureControl.java
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* /opt/cola/permits/125733064_1642801966.95/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/choice/RangeArgumentChoice.java
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 * /opt/cola/permits/1257333064_1642801966.95/0/argparse4j-0-8-1-sources-jar/net/sourceforge/argparse4j/impl/inf/MetavarInference.java

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1.264 dropwizard-validation 1.3.29

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* /opt/cola/permits/1258291633_1643053079.55/0/dropwizard-validation-1-3-29-sources-jar/io/dropwizard/validation/InterpolationHelper.java

1.265 musl 1.1.24-r4

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1.266 kubernetes-component-base 0.18.0

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package github
import (
"fmt"
"net/http"
"reflect"
"testing"
)
func TestLicensesService_List(t *testing.T) {
setup()
defer teardown()
mux.HandleFunc("/licenses", func(w http.ResponseWriter, r *http.Request) {
testMethod(t, r, "GET")
testHeader(t, r, "Accept", mediaTypeLicensesPreview)
fmt.Fprint(w, `[{"key":"mit","name":"MIT","url":"https://api.github.com/licenses/mit"}]`)
})
licenses, _, err := client.Licenses.List()
if err != nil {

Open Source Used In Intelligent Node Manager 3.X 3.3.0 4145


t.Errorf("Licenses.List returned error: %v", err) 
}

want := []License{License{
    Key: String("mit"),
    Name: String("MIT"),
    URL: String("https://api.github.com/licenses/mit"),
}}
if !reflect.DeepEqual(licenses, want) {
t.Errorf("Licenses.List returned %+v, want %+v", licenses, want)
}

func TestLicensesService_Get(t *testing.T) {
    setup()
    defer teardown()

    mux.HandleFunc("/licenses/mit", func(w http.ResponseWriter, r *http.Request) {
        testMethod(t, r, "GET")
        testHeader(t, r, "Accept", mediaTypeLicensesPreview)
        fmt.Fprint(w, `("key":"mit","name":"MIT"`)  
    })

    license, _, err := client.Licenses.Get("mit")
    if err != nil {
        t.Errorf("Licenses.Get returned error: %v", err)
    }

    want := &License{Key: String("mit"), Name: String("MIT")}
    if !reflect.DeepEqual(license, want) {
        t.Errorf("Licenses.Get returned %+v, want %+v", license, want)
    }

    want := &License{
        Key: String("mit"),
        Name: String("MIT")
    }
    if !reflect.DeepEqual(license, want) {
        t.Errorf("Licenses.Get returned %+v, want %+v", license, want)
    }

    func TestLicensesService_Get_invalidTemplate(t *testing.T) {
        _, _, err := client.Licenses.Get("%")
        testURLParseError(t, err)
    }

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

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import: ../../..fossene/db/schema/thing.yml
fields:
  site: string
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package github

import "fmt"

// LicensesService handles communication with the license related
// methods of the GitHub API.
//
type LicensesService struct {
// License represents an open source license.
type License struct {
    Key  *string `json:"key",omitempty`  
    Name *string `json:"name",omitempty"` 
    URL  *string `json:"url",omitempty"` 
    HTMLURL        *string   `json:"html_url",omitempty"` 
    Featured       *bool     `json:"featured",omitempty"` 
    Description    *string   `json:"description",omitempty"` 
    Category       *string   `json:"category",omitempty"` 
    Implementation *string   `json:"implementation",omitempty"` 
    Required       *[]string  `json:"required",omitempty"` 
    Permitted      *[]string  `json:"permitted",omitempty"` 
    Forbidden      *[]string  `json:"forbidden",omitempty"` 
    Body           *string   `json:"body",omitempty"` 
}

func (l License) String() string {
    return Stringify(l)
}

// List popular open source licenses.
// GitHub API docs: https://developer.github.com/v3/licenses/#list-all-licenses
func (s *LicensesService) List() ([]License, *Response, error) {
    req, err := s.client.NewRequest("GET", "licenses", nil)
    if err != nil {
        return nil, nil, err
    }

    // TODO: remove custom Accept header when this API fully launches
    req.Header.Set("Accept", mediaTypeLicensesPreview)

    licenses := new([]License)
    resp, err := s.client.Do(req, licenses)
    if err != nil {
        return nil, resp, err
    }

    return *licenses, resp, err
}

// Fetch extended metadata for one license.
// GitHub API docs: https://developer.github.com/v3/licenses/#get-an-individual-license
func (s *LicensesService) Get(licenseName string) (*License, *Response, error) {
    u := fmt.Sprintf("licenses/%s", licenseName)

    req, err := s.client.NewRequest("GET", u, nil)
    if err != nil {
        return nil, nil, err
    }

    // TODO: remove custom Accept header when this API fully launches
    req.Header.Set("Accept", mediaTypeLicensesPreview)

    license := new(License)
    resp, err := s.client.Do(req, license)
    if err != nil {
        return nil, resp, err
    }

    return license, resp, err
}

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bzip2/libbzip2 version 1.0.6 of 6 September 2010

1.269 log4j-over-slf4j 1.7.30

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* /opt/ws_local/PERMITS_SQL/1088524438_1599802440.27/0/log4j-over-slf4j-1-7-30-sources-1-jar/org/apache/log4j/helpers/NullEnumeration.java
1.270 queue 1.1.0

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1.271 tdb 1.44.1

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1.273 x-sys 0.0.0-20190916202348-b4ddaad3f8a3
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1.274 socket.io-client 1.0.0

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1.275 jakarta-inject 2.5.0

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1.276 liberror-perl 0.17025-1

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1.280 commons-pool 2.8.0

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1.282 ncurses 6.1-1ubuntu1.18.04

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* org.eclipse.jetty.orbit:javax.security.auth.message
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* org.eclipse.jetty.orbit:javax.mail.glassfish

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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* java.sun.security.ssl

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http://openjdk.java.net/legal/gplv2+ce.html

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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Apache

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl
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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util
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Version 2, June 1991

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1.294 luajit 2.1.0.beta3
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1.296 go-openapi-jsonpointer 0.19.3
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1.297 hazelcast-client-protocol 1.7.0-4

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1.299 kubernetes-component-base 0.20.1

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package github

import (
    "fmt"
    "net/http"
    "reflect"
    "testing"
)

func TestLicensesService_List(t *testing.T) {
    setup()
    defer teardown()

    mux.HandleFunc("/licenses", func(w http.ResponseWriter, r *http.Request) {
        testMethod(t, r, "GET")
        testHeader(t, r, "Accept", mediaTypeLicensesPreview)
        fmt.Fprint(w, `[
        {"key":"mit","name":"MIT","url":"https://api.github.com/licenses/mit"}
        ]
    })

    licenses, _, err := client.Licenses.List()
    if err != nil {
        t.Errorf("Licenses.List returned error: %v", err)
    }

    want := []License{
        License{
            Key:  String("mit"),
            Name: String("MIT"),
            URL:  String("https://api.github.com/licenses/mit"),
        }
    }
    if !reflect.DeepEqual(licenses, want) {
        t.Errorf("Licenses.List returned %+v, want %+v", licenses, want)
    }
}
func TestLicensesService_Get(t *testing.T) {
setup()
defer teardown()
mux.HandleFunc("/licenses/mit", func(w http.ResponseWriter, r *http.Request) {
testMethod(t, r, "GET")
testHeader(t, r, "Accept", mediaTypeLicensesPreview)
fmt.Fprint(w, `{"key":"mit","name":"MIT"}`)
})
license, _, err := client.Licenses.Get("mit")
if err != nil {
t.Errorf("Licenses.Get returned error: %v", err)
}
want := &License{Key: String("mit"), Name: String("MIT")}
if !reflect.DeepEqual(license, want) {
t.Errorf("Licenses.Get returned %+v, want %+v", license, want)
}
}
func TestLicensesService_Get_invalidTemplate(t *testing.T) {
_, _, err := client.Licenses.Get("%")
testURLParseError(t, err)
}
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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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import: ../../../../fossene/db/schema/thing.yml
fields:
  site: string

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package github

import "fmt"

// LicensesService handles communication with the license related
// methods of the GitHub API.
type LicensesService struct {
    client *Client
}

// License represents an open source license.
type License struct {
    Key  *string `json:"key",omitempty`
    Name *string `json:"name",omitempty`
    URL  *string `json:"url",omitempty`
    HTMLURL        *string  `json:"html_url",omitempty`
    Featured       *bool    `json:"featured",omitempty`
    Description    *string  `json:"description",omitempty`
    Category       *string  `json:"category",omitempty`
    Implementation *string  `json:"implementation",omitempty`
    Required       []string `json:"required",omitempty`
    Permitted      []string `json:"permitted",omitempty`
    Forbidden      []string `json:"forbidden",omitempty`
    Body           *string  `json:"body",omitempty`
}
func (l License) String() string {
    return Stringify(l)
}

// List popular open source licenses.
//
// GitHub API docs: https://developer.github.com/v3/licenses/#list-all-licenses
func (s *LicensesService) List() ([]License, *Response, error) {
    req, err := s.client.NewRequest("GET", "licenses", nil)
    if err != nil {
        return nil, nil, err
    }

    // TODO: remove custom Accept header when this API fully launches
    req.Header.Set("Accept", mediaTypeLicensesPreview)

    licenses := new([]License)
    resp, err := s.client.Do(req, licenses)
    if err != nil {
        return nil, resp, err
    }

    return *licenses, resp, err
}

// Fetch extended metadata for one license.
//
// GitHub API docs: https://developer.github.com/v3/licenses/#get-an-individual-license
func (s *LicensesService) Get(licenseName string) (*License, *Response, error) {
    u := fmt.Sprintf("licenses/%s", licenseName)

    req, err := s.client.NewRequest("GET", u, nil)
    if err != nil {
        return nil, nil, err
    }

    // TODO: remove custom Accept header when this API fully launches
    req.Header.Set("Accept", mediaTypeLicensesPreview)

    license := new(License)
    resp, err := s.client.Do(req, license)
    if err != nil {
        return nil, resp, err
    }

    return license, resp, err
}
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package github

import (
    "fmt"
    "net/http"
    "reflect"
    "testing"
)

func TestLicensesService_List(t *testing.T) {
    setup()
    defer teardown()

    mux.HandleFunc("/licenses", func(w http.ResponseWriter, r *http.Request) {
        testMethod(t, r, "GET")
        testHeader(t, r, "Accept", mediaTypeLicensesPreview)
        fmt.Fprintf(w, `[{"key":"mit","name":"MIT","url":"https://api.github.com/licenses/mit"}]`) })

    licenses, _, err := client.Licenses.List()
    if err != nil {
        t.Errorf("Licenses.List returned error: %v", err)
    }

    want := []License{License{
        Key:  String("mit"),
        Name: String("MIT"),
        URL:  String("https://api.github.com/licenses/mit"),
    }}
    if !reflect.DeepEqual(licenses, want) {
        t.Errorf("Licenses.List returned %+v, want %+v", licenses, want)
    }
}

func TestLicensesService_Get(t *testing.T) {
    setup()
    defer teardown()
mux.HandleFunc("/licenses/mit", func(w http.ResponseWriter, r *http.Request) {
testMethod(t, r, "GET")
testHeader(t, r, "Accept", mediaTypeLicensesPreview)
fmt.Fprint(w, `{"key":"mit","name":"MIT"}`)
})
license, _, err := client.Licenses.Get("mit")
if err != nil {
t.Errorf("Licenses.Get returned error: %v", err)
}
want := &License{Key: String("mit"), Name: String("MIT")}
if !reflect.DeepEqual(license, want) {
t.Errorf("Licenses.Get returned %+v, want %+v", license, want)
}
}
func TestLicensesService_Get_invalidTemplate(t *testing.T) {
_, _, err := client.Licenses.Get("%")
testURLParseError(t, err)
}
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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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

fields:
  site: string

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package github

import "fmt"
LicensesService handles communication with the license related methods of the GitHub API.

GitHub API docs: http://developer.github.com/v3/pulls/

type LicensesService struct {
    client *Client
}

License represents an open source license.

type License struct {
    Key  *string `json:"key",omitempty`  
    Name *string `json:"name",omitempty` 
    URL  *string `json:"url",omitempty` 
    HTMLURL        *string     `json:"html_url",omitempty` 
    Featured       *bool      `json:"featured",omitempty`  
    Description    *string    `json:"description",omitempty"` 
    Category       *string    `json:"category",omitempty"` 
    Implementation *string    `json:"implementation",omitempty"` 
    Required       *[[]string]  `json:"required",omitempty"` 
    Permitted      *[[]string]  `json:"permitted",omitempty"` 
    Forbidden      *[[]string]  `json:"forbidden",omitempty"` 
    Body           *string     `json:"body",omitempty"` 
}

func (l License) String() string {
    return Stringify(l)
}

List popular open source licenses.

GitHub API docs: https://developer.github.com/v3/licenses/#list-all-licenses

func (s *LicensesService) List() ([]License, *Response, error) {
    req, err := s.client.NewRequest("GET", "licenses", nil)
    if err != nil {
        return nil, nil, err
    }

    // TODO: remove custom Accept header when this API fully launches
    req.Header.Set("Accept", mediaTypeLicensesPreview)

    licenses := new([]License)
    resp, err := s.client.Do(req, licenses)
    if err != nil {
        return nil, resp, err
    }
}
return *licenses, resp, err
}

// Fetch extended metadata for one license.
//
// GitHub API docs: https://developer.github.com/v3/licenses/#get-an-individual-license
func (s *LicensesService) Get(licenseName string) (*License, *Response, error) { u := fmt.Sprintf("licenses/%s", licenseName)

req, err := s.client.NewRequest("GET", u, nil)
if err != nil {
    return nil, nil, err
}

// TODO: remove custom Accept header when this API fully launches
req.Header.Set("Accept", mediaTypeLicensesPreview)

license := new(License)
resp, err := s.client.Do(req, license)
if err != nil {
    return nil, resp, err
}

return license, resp, err
}

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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DRuntime: Runtime Library for the D Programming Language

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Version 3.1, 31 March 2009

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lib/gssapi/generic/gssapi_err_generic.et
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lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/prop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
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1.324 python-certifi 2018.1.18-2
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c-a-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities
(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#

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@(#) $RCSfile: certdata.txt,v $ $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $

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1.338 jackson 2.12.5

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jar/org/springframework/boot/autoconfigure/cache/CacheCondition.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/data/redis/LettuceConnectionConfiguration.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/web/reactive/ResourceHandlerRegistrationCustomizer.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/jdbc/DataSourceConfiguration.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/web/reactive/WebFluxRegistrations.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/security/servlet/UserDetailsServiceAutoConfiguration.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/mustache/MustacheServletWebConfiguration.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/info/ProjectInfoAutoConfiguration.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/AutoConfigurationImportSelector.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/security/servlet/PathRequest.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/web/reactive/error/ErrorMvcAutoConfiguration.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/condition/ExternalWebMvcAutoConfiguration.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/security/reactive/ReactiveUserDetailsServiceAutoConfiguration.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/mustache/MustacheServletWebConfiguration.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/info/ProjectInfoAutoConfiguration.java
Open Source Used In Intelligent Node Manager 3.X 3.3.0 4875
Open Source Used In Intelligent Node Manager 3.X 3.3.0  4877
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2.jar/org/springframework/boot/autoconfigure/elasticsearch/rest/RestClientConfigurations.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2.jar/org/springframework/boot/autoconfigure/mail/MailSenderPropertiesConfiguration.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2.jar/org/springframework/boot/autoconfigure/web/reactive/HttpHandlerAutoConfiguration.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2.jar/org/springframework/boot/autoconfigure/task/package-info.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2.jar/org/springframework/boot/autoconfigure/web/servlet/WebMvcAutoConfiguration.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2.jar/org/springframework/boot/autoconfigure/mongo/MongoClientSettingsBuilderCustomizer.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2.jar/org/springframework/boot/autoconfigure/flyway/FlywayConfigurationCustomizer.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2.jar/org/springframework/boot/autoconfigure/batch/BatchConfigurerConfiguration.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2.jar/org/springframework/boot/autoconfigure/jms/activemq/ActiveMQConnectionFactoryConfiguration.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2.jar/org/springframework/boot/autoconfigure/task/TaskExecutionProperties.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2.jar/org/springframework/boot/autoconfigure/info/package-info.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2.jar/org/springframework/boot/autoconfigure/session/MongoSessionConfiguration.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2.jar/org/springframework/boot/autoconfigure/mail/package-info.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2.jar/org/springframework/boot/autoconfigure/AutoConfigurationPackages.java
jar/org/springframework/boot/autoconfigure/jms/JmsPoolConnectionFactoryFactory.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/mail/MailSenderJndiConfiguration.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/elasticsearch/jest/package-info.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/data/couchbase/CouchbaseDataAutoConfiguration.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/security/oauth2/resource/servlet/OAuth2ResourceServerAutoConfigura-
tion.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/SpringBootApplication.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/admin/package-info.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/condition/OnBeanCondition.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/task/TaskSchedulingAutoConfiguration.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/context/MessageSourceAutoConfiguration.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/data/cassandra/CassandraReactiveDataAutoConfiguration.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/groovy/template/GroovyTemplateAutoConfiguration.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/web/servlet/error/BasicErrorController.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/web/reactive/function/client/ClientHttpConnectorConfiguration.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/jms/activemq/ActiveMQAutoConfiguration.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/cache/InfinispanCacheConfiguration.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/cache/NoOpCacheConfiguration.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/mail/MailProperties.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/condition/ConditionalOnMissingBean.java
* /opt/cola/permits/1150725711_1617665533.53/0/spring-boot-autoconfigure-2-1-10-release-sources-2-
jar/org/springframework/boot/autoconfigure/domain/EntityScan.java
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From strings/apr_fnmatch.c, include/apr_fnmatch.h, misc/unix/getopt.c, file_io/unix/mktemp.c, strings/apr_strings.c:

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From network_io/unix/inet_ntop.c, network_io/unix/inet_ntop.c:

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From strings/apr_strnatcmp.c, include/apr_strings.h:

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.
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From test/CuTest.c, test/CuTest.h:

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From strings/apr_fnmatch.c, include/apr_fnmatch.h, misc/unix/getopt.c, file_io/unix/mktemp.c, strings/apr_strings.c:

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From strings/apr_strnatcmp.c, include/apr_strings.h:

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1.351 utils 0.0.0-20200324210504-a9aa75ae1b89

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1.352 commons-configuration 1.9

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1.353 hazelcast 3.11

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 */

package com.hazelcast.security.permission;

public class ReplicatedMapPermission extends InstancePermission {

      private static final int PUT = 4;
      private static final int REMOVE = 8;
      private static final int READ = 16;
      private static final int LISTEN = 32;
      private static final int LOCK = 64;
      private static final int INDEX = 128;
      private static final int INTERCEPT = 256;
      private static final int ALL = CREATE | DESTROY | PUT | REMOVE | READ | LISTEN | LOCK | INDEX | INTERCEPT;

      public ReplicatedMapPermission(String name, String... actions) {
          super(name, actions);
      }

      @Override
      protected int initMask(String[] actions) {
          int mask = NONE;
          for (String action : actions) {
              if (ActionConstants.ACTION_ALL.equals(action)) {
                  return ALL;
              }
          }
          return mask;
      }

      // Other methods...

}
if (ActionConstants.ACTION_CREATE.equals(action)) {
    mask |= CREATE;
} else if (ActionConstants.ACTION_DESTROY.equals(action)) {
    mask |= DESTROY;
} else if (ActionConstants.ACTION_PUT.equals(action)) {
    mask |= PUT;
} else if (ActionConstants.ACTION_REMOVE.equals(action)) {
    mask |= REMOVE;
} else if (ActionConstants.ACTION_READ.equals(action)) {
    mask |= READ;
} else if (ActionConstants.ACTION_LISTEN.equals(action)) {
    mask |= LISTEN;
} else if (ActionConstants.ACTION_LOCK.equals(action)) {
    mask |= LOCK;
} else if (ActionConstants.ACTION_INDEX.equals(action)) {
    mask |= INDEX;
} else if (ActionConstants.ACTION_INTERCEPT.equals(action)) {
    mask |= INTERCEPT;
}
}
return mask;
}

package com.hazelcast.security.permission;

public class FlakeIdGeneratorPermission extends InstancePermission {

    private static final int MODIFY = 4;
    private static final int ALL = MODIFY | CREATE | DESTROY;

    // Other code...

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    // Other code...
public FlakeIdGeneratorPermission(String name, String... actions) {
    super(name, actions);
}

@Override
protected int initMask(String[] actions) {
    int mask = NONE;
    for (String action : actions) {
        if (ActionConstants.ACTION_ALL.equals(action)) {
            return ALL;
        }

        if (ActionConstants.ACTION_CREATE.equals(action)) {
            mask |= CREATE;
        } else if (ActionConstants.ACTION_MODIFY.equals(action)) {
            mask |= MODIFY;
        } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
            mask |= DESTROY;
        }
    }
    return mask;
}

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*/

package com.hazelcast.security.permission;

public class QueuePermission extends InstancePermission {

    private static final int ADD = 4;
    private static final int READ = 8;
    private static final int REMOVE = 16;
    private static final int LISTEN = 32;
    private static final int ALL = ADD | REMOVE | READ | CREATE | DESTROY | LISTEN;
public QueuePermission(String name, String... actions) {
    super(name, actions);
}

@Override
protected int initMask(String[] actions) {
    int mask = NONE;
    for (String action : actions) {
        if (ActionConstants.ACTION_ALL.equals(action)) {
            return ALL;
        }
        if (ActionConstants.ACTION_CREATE.equals(action)) {
            mask |= CREATE;
        } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
            mask |= DESTROY;
        } else if (ActionConstants.ACTION_ADD.equals(action)) {
            mask |= ADD;
        } else if (ActionConstants.ACTION_READ.equals(action)) {
            mask |= READ;
        } else if (ActionConstants.ACTION_REMOVE.equals(action)) {
            mask |= REMOVE;
        } else if (ActionConstants.ACTION_LISTEN.equals(action)) {
            mask |= LISTEN;
        }
    }
    return mask;
}

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*/
	package com.hazelcast.security.permission;
public class ExecutorServicePermission extends InstancePermission {

    private static final int ALL = CREATE | DESTROY;

    public ExecutorServicePermission(String name, String... actions) {
        super(name, actions);
    }

    @Override
    protected int initMask(String[] actions) {
        int mask = NONE;
        for (String action : actions) {
            if (ActionConstants.ACTION_ALL.equals(action)) {
                return ALL;
            }

            if (ActionConstants.ACTION_CREATE.equals(action)) {
                mask |= CREATE;
            } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
                mask |= DESTROY;
            }
        }

        return mask;
    }
}

package com.hazelcast.security.permission;

public class MapPermission extends InstancePermission {

    private static final int PUT = 4;
    private static final int REMOVE = 8;
    private static final int READ = 16;

    public MapPermission(String name, String... actions) {
        super(name, actions);
    }

    @Override
    protected int initMask(String[] actions) {
        int mask = NONE;
        for (String action : actions) {
            if (ActionConstants.ACTION_ALL.equals(action)) {
                return ALL;
            }

            if (ActionConstants.ACTION_PUT.equals(action)) {
                mask |= PUT;
            } else if (ActionConstants.ACTION_REMOVE.equals(action)) {
                mask |= REMOVE;
            } else if (ActionConstants.ACTION_READ.equals(action)) {
                mask |= READ;
            }
        }

        return mask;
    }
}

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 */

package com.hazelcast.security.permission;
private static final int LISTEN = 32;
private static final int LOCK = 64;
private static final int INDEX = 128;
private static final int INTERCEPT = 256;
private static final int ALL = CREATE | DESTROY | PUT | REMOVE | READ | LISTEN | LOCK | INDEX | INTERCEPT;

public MapPermission(String name, String... actions) {
    super(name, actions);
}

@Override
protected int initMask(String[] actions) {
    int mask = NONE;
    for (String action : actions) {
        if (ActionConstants.ACTION_ALL.equals(action)) {
            return ALL;
        }

        if (ActionConstants.ACTION_CREATE.equals(action)) {
            mask |= CREATE;
        } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
            mask |= DESTROY;
        } else if (ActionConstants.ACTION_PUT.equals(action)) {
            mask |= PUT;
        } else if (ActionConstants.ACTION_REMOVE.equals(action)) {
            mask |= REMOVE;
        } else if (ActionConstants.ACTION_READ.equals(action)) {
            mask |= READ;
        } else if (ActionConstants.ACTION_LISTEN.equals(action)) {
            mask |= LISTEN;
        } else if (ActionConstants.ACTION_LOCK.equals(action)) {
            mask |= LOCK;
        } else if (ActionConstants.ACTION_INDEX.equals(action)) {
            mask |= INDEX;
        } else if (ActionConstants.ACTION_INTERCEPT.equals(action)) {
            mask |= INTERCEPT;
        }
    }
    return mask;
}

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 */
package com.hazelcast.security.permission;

public class MultiMapPermission extends MapPermission {

    public MultiMapPermission(String name, String... actions) {
        super(name, actions);
    }
}

package com.hazelcast.security.permission;

import com.hazelcast.test.HazelcastSerialClassRunner;
import com.hazelcast.test.annotation.QuickTest;
import org.junit.experimental.categories.Category;
import org.junit.runner.RunWith;
import java.security.Permission;
@RunWith(HazelcastSerialClassRunner.class)
@Category(QuickTest.class)
public class CardinalityEstimatorPermissionTest extends AbstractGenericPermissionTest {

    @Override

    }
protected Permission createPermission(String name, String... actions) {
    return new CardinalityEstimatorPermission(name, actions);
}

package com.hazelcast.security.permission;

public class SetPermission extends ListPermission {

    public SetPermission(String name, String... actions) {
        super(name, actions);
    }
}

package com.hazelcast.security.permission;

public class CardinalityEstimatorPermission extends InstancePermission {
private static final int READ = 4;
private static final int MODIFY = 8;

private static final int ALL = READ | MODIFY | CREATE | DESTROY;

public CardinalityEstimatorPermission(String name, String... actions) {
    super(name, actions);
}

@Override
protected int initMask(String[] actions) {
    int mask = NONE;
    for (String action : actions) {
        if (ActionConstants.ACTION_ALL.equals(action)) {
            return ALL;
        }
        if (ActionConstants.ACTION_CREATE.equals(action)) {
            mask |= CREATE;
        } else if (ActionConstants.ACTION_READ.equals(action)) {
            mask |= READ;
        } else if (ActionConstants.ACTION_MODIFY.equals(action)) {
            mask |= MODIFY;
        } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
            mask |= DESTROY;
        }
    }
    return mask;
}

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 */

package com.hazelcast.security.permission;
public class AtomicReferencePermission extends InstancePermission {

    private static final int READ = 4;
    private static final int MODIFY = 8;

    private static final int ALL = READ | MODIFY | CREATE | DESTROY;

    public AtomicReferencePermission(String name, String... actions) {
        super(name, actions);
    }

    @Override
    protected int initMask(String[] actions) {
        int mask = NONE;
        for (String action : actions) {
            if (ActionConstants.ACTION_ALL.equals(action)) {
                return ALL;
            }

            if (ActionConstants.ACTION_CREATE.equals(action)) {
                mask |= CREATE;
            } else if (ActionConstants.ACTION_READ.equals(action)) {
                mask |= READ;
            } else if (ActionConstants.ACTION_MODIFY.equals(action)) {
                mask |= MODIFY;
            } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
                mask |= DESTROY;
            }
        }

        return mask;
    }
}

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 */
package com.hazelcast.security.permission;

public class AtomicLongPermission extends InstancePermission {

    private static final int READ = 4;
    private static final int MODIFY = 8;

    private static final int ALL = READ | MODIFY | CREATE | DESTROY;

    public AtomicLongPermission(String name, String... actions) {
        super(name, actions);
    }

    @Override
    protected int initMask(String[] actions) {
        int mask = NONE;
        for (String action : actions) {
            if (ActionConstants.ACTION_ALL.equals(action)) {
                return ALL;
            }
            if (ActionConstants.ACTION_CREATE.equals(action)) {
                mask |= CREATE;
            } else if (ActionConstants.ACTION_READ.equals(action)) {
                mask |= READ;
            } else if (ActionConstants.ACTION_MODIFY.equals(action)) {
                mask |= MODIFY;
            } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
                mask |= DESTROY;
            }
        }
        return mask;
    }

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     */
package com.hazelcast.security.permission;

public class DurableExecutorServicePermission extends InstancePermission {
    private static final int ALL = CREATE | DESTROY;

    public DurableExecutorServicePermission(String name, String... actions) {
        super(name, actions);
    }

    @Override
    protected int initMask(String[] actions) {
        int mask = NONE;
        for (String action : actions) {
            if (ActionConstants.ACTION_ALL.equals(action)) {
                return ALL;
            }
        }

        if (ActionConstants.ACTION_CREATE.equals(action)) {
            mask |= CREATE;
        } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
            mask |= DESTROY;
        }
        return mask;
    }
}

package com.hazelcast.security.permission;

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 */

package com.hazelcast.security.permission;
public class PNCounterPermission extends InstancePermission {

    private static final int READ = 4;
    private static final int MODIFY = 8;

    private static final int ALL = READ | MODIFY | CREATE | DESTROY;

    public PNCounterPermission(String name, String... actions) {
        super(name, actions);
    }

    @Override
    protected int initMask(String[] actions) {
        int mask = NONE;
        for (String action : actions) {
            if (ActionConstants.ACTION_ALL.equals(action)) {
                return ALL;
            }

            if (ActionConstants.ACTION_CREATE.equals(action)) {
                mask |= CREATE;
            } else if (ActionConstants.ACTION_READ.equals(action)) {
                mask |= READ;
            } else if (ActionConstants.ACTION_MODIFY.equals(action)) {
                mask |= MODIFY;
            } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
                mask |= DESTROY;
            }
        }
        return mask;
    }
}

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 */
/**
 * Contains Hazelcast client permissions.
 *
 * @see com.hazelcast.security.jsm
 */

package com.hazelcast.security.permission;

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 */

package com.hazelcast.security.permission;

import java.security.Permission;
import java.security.PermissionCollection;

public abstract class ClusterPermission extends Permission {

    private int hashcode;

    public ClusterPermission(String name) {
        super(name);
    }

    @Override
    public PermissionCollection newPermissionCollection() {
        return new ClusterPermissionCollection(getClass());
    }

    @Override
    public int hashCode() {
        if (hashcode == 0) {
            final int prime = 31;
            int result = 1;
            if (getName() == null) {
                result = prime * result + 13;
            } else {
                result = prime * result + getName().hashCode();
            }
        }
        return result;
    }
}
result = prime * result + getName().hashCode();
}
hashCode = result;
}
return hashCode;
}

@Override
public boolean equals(Object obj) {
    if (this == obj) {
        return true;
    }
    if (obj == null) {
        return false;
    }
    if (getClass() != obj.getClass()) {
        return false;
    }
    ClusterPermission other = (ClusterPermission) obj;
    if (getName() == null && other.getName() != null) {
        return false;
    }
    if (!getName().equals(other.getName())) {
        return false;
    }
    return true;
}
*/

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 */

package com.hazelcast.security.permission;

public class ListPermission extends InstancePermission {


private static final int ADD = 4;
private static final int READ = 8;
private static final int REMOVE = 16;
private static final int LISTEN = 32;
private static final int ALL = ADD | REMOVE | READ | CREATE | DESTROY | LISTEN;

public ListPermission(String name, String... actions) {
    super(name, actions);
}

@Override
protected int initMask(String[] actions) {
    int mask = NONE;
    for (String action : actions) {
        if (ActionConstants.ACTION_ALL.equals(action)) {
            return ALL;
        }

        if (ActionConstants.ACTION_CREATE.equals(action)) {
            mask |= CREATE;
        } else if (ActionConstants.ACTION_ADD.equals(action)) {
            mask |= ADD;
        } else if (ActionConstants.ACTION_REMOVE.equals(action)) {
            mask |= REMOVE;
        } else if (ActionConstants.ACTION_READ.equals(action)) {
            mask |= READ;
        } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
            mask |= DESTROY;
        } else if (ActionConstants.ACTION_LISTEN.equals(action)) {
            mask |= LISTEN;
        }
    }
    return mask;
}

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 */
package com.hazelcast.security.permission;

import com.hazelcast.internal.usercodedeployment.UserCodeDeploymentService;

public class UserCodeDeploymentPermission extends InstancePermission {

    private static final int DEPLOY = 4;
    private static final int ALL = DEPLOY;

    public UserCodeDeploymentPermission(String... actions) {
        super(UserCodeDeploymentService.SERVICE_NAME, actions);
    }

    @Override
    protected int initMask(String[] actions) {
        int mask = NONE;
        for (String action : actions) {
            if (ActionConstants.ACTION_ALL.equals(action)) {
                return ALL;
            }

            if (ActionConstants.ACTION_USER_CODE_DEPLOY.equals(action)) {
                mask |= DEPLOY;
            }
        }

        return mask;
    }
}

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 */

package com.hazelcast.security.permission;
import org.junit.Test;

/**
 * Abstract Permission Tests.
 */
public abstract class AbstractGenericPermissionTest
    extends PermissionTestSupport {

    @Test
    public void checkReadPermission() {
        new CheckPermission().of("read").against("read").expect(true).run();
    }

    @Test
    public void checkReadPermission_whenAll() {
        new CheckPermission().of("read").against("all").expect(true).run();
    }

    @Test
    public void checkReadPermission_whenOnlyCreateAllowed() {
        new CheckPermission().of("read").against("create").expect(false).run();
    }

    @Test
    public void checkModifyPermission() {
        new CheckPermission().of("modify").against("modify").expect(true).run();
    }

    @Test
    public void checkModifyPermission_whenAll() {
        new CheckPermission().of("modify").against("all").expect(true).run();
    }

    @Test
    public void checkModifyPermission_whenOnlyReadAllowed() {
        new CheckPermission().of("modify").against("read").expect(false).run();
    }

    @Test
    public void checkModifyPermission_whenOnlyReadAndCreateAllowed() {
        new CheckPermission().of("modify").against("read", "create").expect(false).run();
    }

    @Test
    public void checkModifyPermission_whenOnlyReadCreateAndDeleteAllowed() {
        new CheckPermission().of("modify").against("read", "create", "delete").expect(false).run();
    }
@Test
class CheckPermission extends MBeanTest {
    @Test
    public void checkCreatePermission() {
        new CheckPermission().of("create").against("create").expect(true).run();
    }

    @Test
    public void checkCreatePermission_whenAll() {
        new CheckPermission().of("create").against("all").expect(true).run();
    }

    @Test
    public void checkCreatePermission_whenOnlyReadAllowed() {
        new CheckPermission().of("create").against("read").expect(false).run();
    }

    @Test
    public void checkDestroyPermission() {
        new CheckPermission().of("destroy").against("destroy").expect(true).run();
    }

    @Test
    public void checkDestroyPermission_whenAll() {
        new CheckPermission().of("destroy").against("all").expect(true).run();
    }

    @Test
    public void checkDestroyPermission_whenOnlyReadAllowed() {
        new CheckPermission().of("destroy").against("read").expect(false).run();
    }
}

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*/
package com.hazelcast.security.permission;
import com.hazelcast.config.matcher.WildcardConfigPatternMatcher;
import java.security.Permission;
/**
* TODO: Object Permission
*/
public abstract class InstancePermission extends ClusterPermission {
protected static final int NONE = 0;
protected static final int CREATE = 1;
protected static final int DESTROY = 2;
private static final WildcardConfigPatternMatcher CONFIG_PATTERN_MATCHER = new
WildcardConfigPatternMatcher();
protected final int mask;
protected final String actions;
public InstancePermission(String name, String... actions) {
super(name);
if (name == null || "".equals(name)) {
throw new IllegalArgumentException("Permission name is mandatory!");
}
mask = initMask(actions);
final StringBuilder s = new StringBuilder();
for (String action : actions) {
s.append(action).append(" ");
}
// trim the trailing space
if (s.length() > 0) {
s.setLength(s.length() - 1);
}
this.actions = s.toString();
}
/**
* init mask
*/
protected abstract int initMask(String[] actions);
@Override

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public boolean implies(Permission permission) {
    if (this.getClass() != permission.getClass()) {
        return false;
    }

    InstancePermission that = (InstancePermission) permission;

    boolean maskTest = ((this.mask & that.mask) == that.mask);
    if (!maskTest) {
        return false;
    }

    return CONFIG_PATTERN_MATCHER.matches(getName(), that.getName());
}

@Override
public String getActions() {
    return actions;
}

@Override
public int hashCode() {
    int result = super.hashCode();
    result = 31 * result + mask;
    result = 31 * result + actions.hashCode();
    return result;
}

@Override
public boolean equals(Object obj) {
    if (this == obj) {
        return true;
    }
    if (obj == null) {
        return false;
    }
    if (getClass() != obj.getClass()) {
        return false;
    }
    InstancePermission other = (InstancePermission) obj;
    if (getName() == null && other.getName() != null) {
        return false;
    }
    if (!getName().equals(other.getName())) {
        return false;
    }
    if (mask != other.mask) {
        return false;
    }
    return true;
}
package com.hazelcast.security.permission;

import com.hazelcast.test.HazelcastSerialClassRunner;
import com.hazelcast.test.annotation.QuickTest;
import org.junit.Test;
import org.junit.experimental.categories.Category;
import org.junit.runner.RunWith;
import java.security.Permission;

@RunWith(HazelcastSerialClassRunner.class)
@Category(QuickTest.class)
public class UserCodeDeploymentPermissionTest extends PermissionTestSupport {

    @Override
    protected Permission createPermission(String name, String... actions) {
        return new UserCodeDeploymentPermission(actions);
    }

    @Test
    public void checkDeployPermission_whenAll() {
        new CheckPermission().of("deploy").against("deploy").expect(true).run();
    }

    @Test
    public void checkDeployPermission() {
        new CheckPermission().of("deploy").against("all").expect(true).run();
    }
}
@Test
public void checkAllPermission_whenDeploy() {
    new CheckPermission().of("all").against("deploy").expect(true).run();
}

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 */
package com.hazelcast.security.permission;

import java.security.Permission;
import java.security.PermissionCollection;
import java.util.Collections;
import java.util.Enumeration;
import java.util.HashSet;
import java.util.Iterator;
import java.util.Set;

public class ClusterPermissionCollection extends PermissionCollection {
    final Set<Permission> perms = new HashSet<Permission>();
    final Class<? extends Permission> permClass;

    public ClusterPermissionCollection() {
        permClass = null;
    }

    public ClusterPermissionCollection(Class<? extends Permission> permClass) {
        this.permClass = permClass;
    }

    @Override
    public void add(Permission permission) {
        perms.add(permission);
    }

    public Set<Permission> getPermissions() {
        return Collections.unmodifiableSet(perms);
    }
}

public class TestPermissionCollection {
    public void testAddPermission() {
        PermissionCollection pc = new ClusterPermissionCollection();
        pc.add(new Permission("foo"));
        PermissionCollection pc2 = pc;
        pc.add(new Permission("bar"));
        pc2.add(new Permission("bar"));
    }
}

if (isReadOnly()) {
    throw new SecurityException("ClusterPermissionCollection is read-only!");
}

boolean shouldAdd = (permClass != null && permClass.equals(permission.getClass()))
    || (permission instanceof ClusterPermission);

if (shouldAdd && !implies(permission)) {
    perms.add(permission);
}

public void add(PermissionCollection permissions) {
    if (isReadOnly()) {
        throw new SecurityException("ClusterPermissionCollection is read-only!");
    }
    if (permissions instanceof ClusterPermissionCollection) {
        for (Permission p : ((ClusterPermissionCollection) permissions).perms) {
            add(p);
        }
    }
}

@Override
public boolean implies(Permission permission) {
    for (Permission p : perms) {
        if (p.implies(permission)) {
            return true;
        }
    }
    return false;
}

public void compact() {
    if (isReadOnly()) {
        throw new SecurityException("ClusterPermissionCollection is read-only!");
    }
    final Iterator<Permission> iter = perms.iterator();
    while (iter.hasNext()) {
        final Permission perm = iter.next();
        boolean implies = false;
        for (Permission p : perms) {
            if (p != perm && p.implies(perm)) {
                implies = true;
                break;
            }
        }
        if (implies) {
            iter.remove();
        }
    }
}
@Override
public Enumeration<Permission> elements() {
    return Collections.enumeration(perms);
}

public Set<Permission> getPermissions() {
    return Collections.unmodifiableSet(perms);
}

@Override
public String toString() {
    return "ClusterPermissionCollection [permClass=" + permClass + "]";
}

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 */

package com.hazelcast.security.permission;

public class RingBufferPermission extends InstancePermission {

    private static final int PUT = 4;
    private static final int READ = 8;
    private static final int ALL = PUT | READ;

    public RingBufferPermission(String name, String... actions) {
        super(name, actions);
    }

    @Override

protected int initMask(String[] actions) {
    int mask = NONE;
    for (String action : actions) {
        if (ActionConstants.ACTION_ALL.equals(action)) {
            return ALL;
        }
        if (ActionConstants.ACTION_CREATE.equals(action)) {
            mask |= CREATE;
        } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
            mask |= DESTROY;
        } else if (ActionConstants.ACTION_PUT.equals(action)) {
            mask |= PUT;
        } else if (ActionConstants.ACTION_READ.equals(action)) {
            mask |= READ;
        }
    }
    return mask;
}

package com.hazelcast.security.permission;

public class CachePermission extends InstancePermission {

    private static final int PUT = 4;
    private static final int REMOVE = 8;
    private static final int READ = 16;
    private static final int LISTEN = 32;
    private static final int ALL = CREATE | DESTROY | PUT | REMOVE | READ | LISTEN;

    public CachePermission(String name, String... actions) {
        super(name, actions);
    }

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     */
@Override
protected int initMask(String[] actions) {
    int mask = NONE;
    for (String action : actions) {
        if (ActionConstants.ACTION_ALL.equals(action)) {
            return ALL;
        }
        if (ActionConstants.ACTION_CREATE.equals(action)) {
            mask |= CREATE;
        } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
            mask |= DESTROY;
        } else if (ActionConstants.ACTION_PUT.equals(action)) {
            mask |= PUT;
        } else if (ActionConstants.ACTION_REMOVE.equals(action)) {
            mask |= REMOVE;
        } else if (ActionConstants.ACTION_READ.equals(action)) {
            mask |= READ;
        } else if (ActionConstants.ACTION_LISTEN.equals(action)) {
            mask |= LISTEN;
        }
    }
    return mask;
}

package com.hazelcast.security.permission;
import com.hazelcast.test.HazelcastSerialClassRunner;
import com.hazelcast.test.annotation.QuickTest;
import org.junit.experimental.categories.Category;

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 */
import org.junit.runner.RunWith;
import java.security.Permission;

@RunWith(HazelcastSerialClassRunner.class)
@Category(QuickTest.class)
public class CachePermissionTest extends AbstractMapPermissionTest {

    @Override
    protected String[] getActions() {
        return new String[]{
            "put",
            "read",
            "remove",
            "listen",
            "create",
            "destroy",
        };
    }

    @Override
    protected Permission createPermission(String name, String... actions) {
        return new CachePermission(name, actions);
    }
}

package com.hazelcast.security.permission;

import java.security.Permission;

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 */

import java.security.Permission;

/**
 */

package com.hazelcast.security.permission;
public class ConfigPermission extends ClusterPermission {

    private static final String CONFIG_PERMISSION_NAME = "<config>";
    private static final String CONFIG_PERMISSION_ACTIONS = "config";

    public ConfigPermission() {
        super(CONFIG_PERMISSION_NAME);
    }

    @Override
    public boolean implies(Permission permission) {
        return getClass() == permission.getClass();
    }

    @Override
    public String getActions() {
        return CONFIG_PERMISSION_ACTIONS;
    }
}

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The packages:

com.hazelcast.util.collection
com.hazelcast.internal.util.concurrent

and the classes:

com.hazelcast.util.QuickMath
com.hazelcast.client.impl.protocol.util.UnsafeBuffer
com.hazelcast.client.impl.protocol.util.BufferBuilder

contain code originating from the Agrona project
(https://github.com/real-logic/Agrona).


The class classloading.ThreadLocalLeakTestUtils contains code originating from the Tomcat project (https://github.com/apache/tomcat).

The package com.hazelcast.internal.json contains code originating from minimal-json project (https://github.com/ralfstx/minimal-json).

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*/

package com.hazelcast.security.permission;

import java.security.Permission;

public class TransactionPermission extends ClusterPermission {

    public TransactionPermission() {
        super("<transaction>");
    }

    @Override
    public boolean implies(Permission permission) {
        return getClass() == permission.getClass();
    }

    @Override
    public String getActions() {
        return "transaction";
    }
}

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*/
package com.hazelcast.security.permission;

import com.hazelcast.test.HazelcastSerialClassRunner;
import com.hazelcast.test.annotation.QuickTest;
import org.junit.Test;
import org.junit.experimental.categories.Category;
import org.junit.runner.RunWith;
import java.security.Permission;

@RunWith(HazelcastSerialClassRunner.class)
@Category(QuickTest.class)
public class MapPermissionTest
    extends AbstractMapPermissionTest {

    @Override
    protected String[] getActions() {
        return new String[] {
            "put",
            "read",
            "remove",
            "listen",
            "lock",
            "index",
            "intercept",
            "create",
            "destroy",
        };
    }

    @Override
    protected Permission createPermission(String name, String... actions) {
        return new MapPermission(name, actions);
    }

    @Test
    public void willReturnFalseForNoPermOnIndex() {
        new CheckPermission().of("index").against("read", "create", "put", "intercept").expect(false).run();
    }
}
package com.hazelcast.security.permission;

import java.security.Permission;

import static org.junit.Assert.assertEquals;
import static org.junit.Assert.fail;

public abstract class PermissionTestSupport {
    protected abstract Permission createPermission(String name, String... actions);

    protected class CheckPermission {
        private static final String DEFAULT_ALLOWED_NAME = "someMapsPermission";
        private static final String DEFAULT_REQUESTED_NAME = "someMapsPermission";

        private String requested;
        private String[] allowed;
        private Boolean expectedResult;
        private String allowedName = DEFAULT_ALLOWED_NAME;
        private String requestedName = DEFAULT_REQUESTED_NAME;

        CheckPermission withRequestedName(String requestedName) {
            this.requestedName = requestedName;
            return this;
        }

        CheckPermission withAllowedName(String allowedName) {
            this.allowedName = allowedName;
            return this;
        }
    }
}
CheckPermission of(String requested) {
    this.requested = requested;
    return this;
}

CheckPermission against(String... allowed) {
    this.allowed = allowed;
    return this;
}

CheckPermission expect(boolean expectedResult) {
    this.expectedResult = expectedResult;
    return this;
}

void run() {
    if (requested != null && allowed != null && expectedResult != null) {
        Permission allowedPermissions = createPermission(allowedName, allowed);
        Permission requestedPermission = createPermission(requestedName, requested);

        boolean actualResult = allowedPermissions.implies(requestedPermission);

        assertEquals("Access applied incorrectly for requested action of "+ requestedPermission + " on permitted permissions of "+ allowedPermissions, expectedResult, actualResult);
    } else {
        fail("Requested and/or allowed and/or expect not set");
    }
}

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package com.hazelcast.security.permission;

/**
 * To be able to map-reduce from a client in a secure environment
 */
public class MapReducePermission extends InstancePermission {

    private static final int ALL = CREATE | DESTROY;

    public MapReducePermission(String name, String... actions) {
        super(name, actions);
    }

    @Override
    protected int initMask(String[] actions) {
        int mask = NONE;
        for (String action : actions) {
            if (ActionConstants.ACTION_ALL.equals(action)) {
                return ALL;
            } else if (ActionConstants.ACTION_CREATE.equals(action)) {
                mask |= CREATE;
            } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
                mask |= DESTROY;
            }
        }
        return mask;
    }
}

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 */
package com.hazelcast.security.permission;

public class SemaphorePermission extends InstancePermission {

    private static final int ACQUIRE = 4;
    private static final int RELEASE = 8;
    private static final int READ = 16;
    private static final int ALL = CREATE | DESTROY | ACQUIRE | RELEASE | READ;

    public SemaphorePermission(String name, String... actions) {
        super(name, actions);
    }

    @Override
    protected int initMask(String[] actions) {
        int mask = NONE;
        for (String action : actions) {
            if (ActionConstants.ACTION_ALL.equals(action)) {
                return ALL;
            }
            if (ActionConstants.ACTION_CREATE.equals(action)) {
                mask |= CREATE;
            } else if (ActionConstants.ACTION_ACQUIRE.equals(action)) {
                mask |= ACQUIRE;
            } else if (ActionConstants.ACTION_RELEASE.equals(action)) {
                mask |= RELEASE;
            } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
                mask |= DESTROY;
            } else if (ActionConstants.ACTION_READ.equals(action)) {
                return READ;
            }
        }
        return mask;
    }
}
mask |= READ;
}
}
return mask;
}

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package com.hazelcast.security.permission;

import com.hazelcast.cache.impl.ICacheService;
import com.hazelcast.collection.impl.list.ListService;
import com.hazelcast.collection.impl.queue.QueueService;
import com.hazelcast.collection.impl.set.SetService;
import com.hazelcast.concurrent.atomiclong.AtomicLongService;
import com.hazelcast.concurrent.atomicreference.AtomicReferenceService;
import com.hazelcast.concurrent.countdownlatch.CountDownLatchService;
import com.hazelcast.concurrent.idgen.IdGeneratorService;
import com.hazelcast.concurrent.lock.LockService;
import com.hazelcast.concurrent.semaphore.SemaphoreService;
import com.hazelcast.executor.impl.DistributedExecutorService;
import com.hazelcast.flakeidgen.impl.FlakeIdGeneratorService;
import com.hazelcast.map.impl.MapService;
import com.hazelcast.mapreduce.impl.MapReduceService;
import com.hazelcast.multimap.impl.MultiMapService;
import com.hazelcast.replicatedmap.impl.ReplicatedMapService;
import com.hazelcast.test.HazelcastSerialClassRunner;
import com.hazelcast.test.annotation.QuickTest;
import com.hazelcast.test.TopicService;
import org.junit.Assert;
import org.junit.Test;
import org.junit.experimental.categories.Category;
import org.junit.runner.RunWith;
import java.security.Permission;
import static org.junit.Assert.assertNotNull;
import static org.junit.Assert.assertTrue;

@RunWith(HazelcastSerialClassRunner.class)
@Category(QuickTest.class)
public class ActionConstantsTest {

    @Test(expected = IllegalArgumentException.class)
    public void getPermission_whenNonExistingService() {
        ActionConstants.getPermission("foo", "idon'texist");
    }

    @Test
    public void getPermission_Map() {
        Permission permission = ActionConstants.getPermission("foo", MapService.SERVICE_NAME);

        assertNotNull(permission);
        assertTrue(permission instanceof MapPermission);
    }

    @Test
    public void getPermission_Cache() {
        Permission permission = ActionConstants.getPermission("foo", ICacheService.SERVICE_NAME);

        assertNotNull(permission);
        assertTrue(permission instanceof CachePermission);
    }

    @Test
    public void getPermission_MultiMap() {
        Permission permission = ActionConstants.getPermission("foo", MultiMapService.SERVICE_NAME);

        assertNotNull(permission);
        assertTrue(permission instanceof MultiMapPermission);
    }

    @Test
    public void getPermission_List() {
        Permission permission = ActionConstants.getPermission("foo", ListService.SERVICE_NAME);

        assertNotNull(permission);
        assertTrue(permission instanceof ListPermission);
    }

    @Test
    public void getPermission_Set() {
        Permission permission = ActionConstants.getPermission("foo", SetService.SERVICE_NAME);

        assertNotNull(permission);
        assertTrue(permission instanceof SetPermission);
    }
}
assertNotNull(permission);
assertTrue(permission instanceof SetPermission);
}

@Test
public void getPermission_AtomicLong() {
    Permission permission = ActionConstants.getPermission("foo", AtomicLongService.SERVICE_NAME);

    assertNotNull(permission);
    assertTrue(permission instanceof AtomicLongPermission);
}

@Test
public void getPermission_Semaphore() {
    Permission permission = ActionConstants.getPermission("foo", SemaphoreService.SERVICE_NAME);

    assertNotNull(permission);
    assertTrue(permission instanceof SemaphorePermission);
}

@Test
public void getPermission_Topic() {
    Permission permission = ActionConstants.getPermission("foo", TopicService.SERVICE_NAME);

    assertNotNull(permission);
    assertTrue(permission instanceof TopicPermission);
}

@Test
public void getPermission_Lock() {
    Permission permission = ActionConstants.getPermission("foo", LockService.SERVICE_NAME);

    assertNotNull(permission);
    assertTrue(permission instanceof LockPermission);
}

@Test
public void getPermission_DistributedExecutor() {
    Permission permission = ActionConstants.getPermission("foo", DistributedExecutorService.SERVICE_NAME);

    assertNotNull(permission);
    assertTrue(permission instanceof ExecutorServicePermission);
}

@Test
public void getPermission_IdGenerator() {
Permission permission = ActionConstants.getPermission("foo", IdGeneratorService.SERVICE_NAME);

assertNotNull(permission);
assertTrue(permission instanceof AtomicLongPermission);
}

@Test
public void getPermission_FlakeIdGenerator() {
    Permission permission = ActionConstants.getPermission("foo", FlakeIdGeneratorService.SERVICE_NAME);

    assertNotNull(permission);
    assertTrue(permission instanceof FlakeIdGeneratorPermission);
}

@Test
public void getPermission_MapReduce() {
    Permission permission = ActionConstants.getPermission("foo", MapReduceService.SERVICE_NAME);

    assertNotNull(permission);
    assertTrue(permission instanceof MapReducePermission);
}

@Test
public void getPermission_ReplicatedMap() {
    Permission permission = ActionConstants.getPermission("foo", ReplicatedMapService.SERVICE_NAME);

    assertNotNull(permission);
    assertTrue(permission instanceof ReplicatedMapPermission);
}

@Test
public void getPermission_AtomicReference() {
    Permission permission = ActionConstants.getPermission("foo", AtomicReferenceService.SERVICE_NAME);

    assertNotNull(permission);
    assertTrue(permission instanceof AtomicReferencePermission);
}

@Test
public void getPermission_CountdownLatch() {
    Permission permission = ActionConstants.getPermission("foo", CountDownLatchService.SERVICE_NAME);

    assertNotNull(permission);
    assertTrue(permission instanceof CountDownLatchPermission);
}

@Test
public void getPermission_Queue() {

Permission permission = ActionConstants.getPermission("foo", QueueService.SERVICE_NAME);

assertNotNull(permission);
assertTrue(permission instanceof QueuePermission);
*/

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*/

package com.hazelcast.security.permission;

import java.security.Permission;
import java.security.PermissionCollection;
import java.util.Enumeration;

public final class AllPermissions extends ClusterPermission {

    public AllPermissions() {
        super("<all permissions>");
    }

    @Override
    public boolean implies(Permission permission) {
        return true;
    }

    @Override
    public String getActions() {
        return "<all actions>";
    }

    @Override
    public PermissionCollection newPermissionCollection() {
        return new AllPermissionsCollection();
    }
}
@Override
public String toString() {
    return "<allow all permissions>";
}

@Override
public boolean equals(Object obj) {
    return obj instanceof AllPermissions;
}

@Override
public int hashCode() {
    return 111;
}

public static final class AllPermissionsCollection extends PermissionCollection {
    private static final AllPermissions ALL_PERMISSIONS = new AllPermissions();
    private boolean all;

    public AllPermissionsCollection() {
    }

    public AllPermissionsCollection(boolean all) {
        this.all = all;
    }

    @Override
    public boolean implies(Permission permission) {
        return all;
    }

    @Override
    public Enumeration<Permission> elements() {
        return new Enumeration<Permission>() {
            boolean more = all;

            @Override
            public boolean hasMoreElements() {
                return more;
            }

            @Override
            public Permission nextElement() {
                return null;
            }
        };
    }

    @Override
    public void add(Permission permission) {
        if (permission instanceof AllPermissions) {
            all = true;
        }
    }

    @Override
    public Enumeration<Permission> elements() {
        return new Enumeration<Permission>() {
            boolean more = all;

            @Override
            public boolean hasMoreElements() {
                return more;
            }

            @Override
            public Permission nextElement() {
                return null;
            }
        };
    }

    @Override
    public boolean equals(Object obj) {
        return obj instanceof AllPermissions;
    }

    @Override
    public int hashCode() {
        return 111;
    }
}

public static final class AllPermissionsCollection extends PermissionCollection {
    private static final AllPermissions ALL_PERMISSIONS = new AllPermissions();
    private boolean all;

    public AllPermissionsCollection() {
    }

    public AllPermissionsCollection(boolean all) {
        this.all = all;
    }

    @Override
    public boolean implies(Permission permission) {
        return all;
    }

    @Override
    public Enumeration<Permission> elements() {
        return new Enumeration<Permission>() {
            boolean more = all;

            @Override
            public boolean hasMoreElements() {
                return more;
            }

            @Override
            public Permission nextElement() {
                return null;
            }
        };
    }

    @Override
    public boolean equals(Object obj) {
        return obj instanceof AllPermissions;
    }

    @Override
    public int hashCode() {
        return 111;
    }
}
@Override
public Permission nextElement() {
    more = false;
    return ALL_PERMISSIONS;
}

@Override
public int hashCode() {
    return all ? 13 : -13;
}

@Override
public boolean equals(Object obj) {
    if (this == obj) {
        return true;
    }
    if (obj == null) {
        return false;
    }
    if (getClass() != obj.getClass()) {
        return false;
    }
    AllPermissionsCollection other = (AllPermissionsCollection) obj;
    return all == other.all;
}

@Override
public String toString() {
    return "<allow all permissions>";
}

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package com.hazelcast.security.permission;

public class LockPermission extends InstancePermission {

    private static final int LOCK = 4;
    private static final int READ = 8;
    private static final int ALL = CREATE | DESTROY | LOCK | READ;

    public LockPermission(String key, String... actions) {
        super(key, actions);
    }

    @Override
    protected int initMask(String[] actions) {
        int mask = NONE;
        for (String action : actions) {
            if (ActionConstants.ACTION_ALL.equals(action)) {
                return ALL;
            }

            if (ActionConstants.ACTION_CREATE.equals(action)) {
                mask |= CREATE;
            } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
                mask |= DESTROY;
            } else if (ActionConstants.ACTION_LOCK.equals(action)) {
                mask |= LOCK;
            } else if (ActionConstants.ACTION_READ.equals(action)) {
                mask |= READ;
            }
        }
        return mask;
    }

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    copies or substantial portions of the Software.
package com.hazelcast.security.permission;

public class ScheduledExecutorPermission
    extends InstancePermission {

    private static final int READ = 4;
    private static final int MODIFY = 8;
    private static final int ALL = READ | MODIFY | CREATE | DESTROY;

    public ScheduledExecutorPermission(String name, String... actions) {
        super(name, actions);
    }

    @Override
    protected int initMask(String[] actions) {
        int mask = NONE;
        for (String action : actions) {
            if (ActionConstants.ACTION_ALL.equals(action)) {
                return ALL;
            }
            if (ActionConstants.ACTION_CREATE.equals(action)) {
                mask |= CREATE;
            } else if (ActionConstants.ACTION_READ.equals(action)) {
                mask |= READ;
            }
        }
        return mask;
    }

    // Other methods...
}
mask |= READ;
} else if (ActionConstants.ACTION_MODIFY.equals(action)) {
    mask |= MODIFY;
} else if (ActionConstants.ACTION_DESTROY.equals(action)) {
    mask |= DESTROY;
}

return mask;
}

package com.hazelcast.security.permission;

public class TopicPermission extends InstancePermission {

    private static final int PUBLISH = 4;
    private static final int LISTEN = 8;
    private static final int ALL = CREATE | DESTROY | LISTEN | PUBLISH;

    public TopicPermission(String name, String... actions) {
        super(name, actions);
    }

    @Override
    protected int initMask(String[] actions) {
        int mask = NONE;
        for (String action : actions) {
            if (ActionConstants.ACTION_ALL.equals(action)) {
                return ALL;
            }
            if (ActionConstants.ACTION_CREATE.equals(action)) {
                mask |= CREATE;
            }

            if (ActionConstants.ACTION_DESTROY.equals(action)) {
                mask |= DESTROY;
            }
        }

        return mask;
    }

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    * limitations under the License.
    */

    public TopicPermission(String name, String... actions) {
        super(name, actions);
    }

    @Override
    protected int initMask(String[] actions) {
        int mask = NONE;
        for (String action : actions) {
            if (ActionConstants.ACTION_ALL.equals(action)) {
                return ALL;
            }
            if (ActionConstants.ACTION_CREATE.equals(action)) {
                mask |= CREATE;
            }
        }

        return mask;
    }
}
} else if (ActionConstants.ACTION_PUBLISH.equals(action)) {
    mask |= PUBLISH;
} else if (ActionConstants.ACTION_DESTROY.equals(action)) {
    mask |= DESTROY;
} else if (ActionConstants.ACTION_LISTEN.equals(action)) {
    mask |= LISTEN;
}

return mask;
}

*/

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*/

package com.hazelcast.security.permission;

import org.junit.Test;

/**
  * Abstract Map Permission Tests.
  */
public abstract class AbstractMapPermissionTest
    extends PermissionTestSupport {

    protected abstract String[] getActions();

    @Test
    public void willReturnFalseForNoPermOnPut() {
        new CheckPermission().of("put").against("read", "create").expect(false).run();
    }

    @Test
    public void willReturnFalseForNoPermOnListen() {
        new CheckPermission().of("listen").against("read", "create", "put").expect(false).run();
    }

@Test
public void willReturnTrueForPermOnPutOn() {
    new CheckPermission().of("put").against("put", "read", "create").expect(true).run();
}

@Test
public void willReturnTrueForPermOnAll() {
    new CheckPermission().of("put").against("all").expect(true).run();
}

@Test
public void willReturnTrueWhenNameUseMatchingWildcard() {
    new CheckPermission()
        .withAllowedName("myDataStructure.*")
        .withRequestedName("myDataStructure.foo")
        .of("put")
        .against(getActions())
        .expect(true).run();
}

@Test
public void willReturnFalseWhenNameUseNonNames() {
    new CheckPermission()
        .withAllowedName("myDataStructure")
        .withRequestedName("myOtherDataStructure")
        .of("put")
        .against(getActions())
        .expect(false).run();
}

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 */
package com.hazelcast.security.permission;

import java.security.Permission;
import java.security.PermissionCollection;
import java.util.Enumeration;

public class DenyAllPermissionCollection extends PermissionCollection {

    public DenyAllPermissionCollection() {
    }

    @Override
    public void add(Permission permission) {
    }

    @Override
    public boolean implies(Permission permission) {
        return false;
    }

    @Override
    public Enumeration<Permission> elements() {
        return new Enumeration<Permission>() {
            @Override
            public boolean hasMoreElements() {
                return false;
            }

            @Override
            public Permission nextElement() {
                return null;
            }
        };
    }

    @Override
    public int hashCode() {
        return 37;
    }

    @Override
    public String toString() {
        return "<deny all permissions>";
    }

    @Override
    public boolean equals(Object obj) {
    }
}
return obj instanceof DenyAllPermissionCollection;
}
}
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*/
package com.hazelcast.security.permission;

import com.hazelcast.test.HazelcastSerialClassRunner;
import com.hazelcast.test.annotation.QuickTest;
import org.junit.experimental.categories.Category;
import org.junit.runner.RunWith;
import java.security.Permission;

@RunWith(HazelcastSerialClassRunner.class)
@Category(QuickTest.class)
public class ScheduledExecutorPermissionTest
  extends AbstractGenericPermissionTest {

  @Override
  protected Permission createPermission(String name, String... actions) {
    return new ScheduledExecutorPermission(name, actions);
  }

} /*
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*/

package com.hazelcast.security.permission;

import com.hazelcast.cache.impl.CacheService;
import com.hazelcast.cardinality.impl.CardinalityEstimatorService;
import com.hazelcast.collection.impl.list.ListService;
import com.hazelcast.collection.impl.queue.QueueService;
import com.hazelcast.collection.impl.set.SetService;
import com.hazelcast.concurrent.atomiclong.AtomicLongService;
import com.hazelcast.concurrent.atomicreference.AtomicReferenceService;
import com.hazelcast.concurrent.countdownlatch.CountDownLatchService;
import com.hazelcast.concurrent.idgen.IdGeneratorService;
import com.hazelcast.concurrent.lock.LockService;
import com.hazelcast.concurrent.semaphore.SemaphoreService;
import com.hazelcast.crdt.pncounter.PNCounterService;
import com.hazelcast.durableexecutor.impl.DistributedDurableExecutorService;
import com.hazelcast.executor.impl.DistributedExecutorService;
import com.hazelcast.flakeidgen.impl.FlakeIdGeneratorService;
import com.hazelcast.internal.usercodedeployment.UserCodeDeploymentService;
import com.hazelcast.map.impl.MapService;
import com.hazelcast.mapreduce.impl.MapReduceService;
import com.hazelcast.multimap.impl.MultiMapService;
import com.hazelcast.replicatedmap.impl.ReplicatedMapService;
import com.hazelcast.ringbuffer.impl.RingbufferService;
import com.hazelcast.topic.impl.TopicService;

import java.security.Permission;
import java.util.HashMap;
import java.util.Map;

@.SuppressWarnings("checkstyle:executablestatementcount")
public final class ActionConstants {

    public static final String ACTION_ALL = "all";
    public static final String ACTION_CREATE = "create";
    public static final String ACTION_DESTROY = "destroy";
    public static final String ACTION_MODIFY = "modify";
    public static final String ACTION_READ = "read";
    public static final String ACTION_REMOVE = "remove";
    public static final String ACTION_LOCK = "lock";
    public static final String ACTION_LISTEN = "listen";
    public static final String ACTION_RELEASE = "release";
public static final String ACTION_ACQUIRE = "acquire";
public static final String ACTION_PUT = "put";
public static final String ACTION_ADD = "add";
public static final String ACTION_INDEX = "index";
public static final String ACTION_INTERCEPT = "intercept";
public static final String ACTION_PUBLISH = "publish";
public static final String ACTION_AGGREGATE = "aggregate";
public static final String ACTION_PROJECTION = "projection";
public static final String ACTION_USER_CODE_DEPLOY = "deploy";

public static final String LISTENER_INSTANCE = "instance";
public static final String LISTENER_MEMBER = "member";
public static final String LISTENER_MIGRATION = "migration";

private static final Map<String, PermissionFactory> PERMISSION_FACTORY_MAP = new HashMap<String, PermissionFactory>();

static {
    PERMISSION_FACTORY_MAP.put(QueueService.SERVICE_NAME, new PermissionFactory() {
        @Override
        public Permission create(String name, String... actions) {
            return new QueuePermission(name, actions);
        }
    });
    PERMISSION_FACTORY_MAP.put(MapService.SERVICE_NAME, new PermissionFactory() {
        @Override
        public Permission create(String name, String... actions) {
            return new MapPermission(name, actions);
        }
    });
    PERMISSION_FACTORY_MAP.put(MultiMapService.SERVICE_NAME, new PermissionFactory() {
        @Override
        public Permission create(String name, String... actions) {
            return new MultiMapPermission(name, actions);
        }
    });
    PERMISSION_FACTORY_MAP.put(ListService.SERVICE_NAME, new PermissionFactory() {
        @Override
        public Permission create(String name, String... actions) {
            return new ListPermission(name, actions);
        }
    });
    PERMISSION_FACTORY_MAP.put(SetService.SERVICE_NAME, new PermissionFactory() {
        @Override
        public Permission create(String name, String... actions) {
            return new SetPermission(name, actions);
        }
    });
PERMISSION_FACTORY_MAP.put(AtomicLongService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new AtomicLongPermission(name, actions);
    }
});
PERMISSION_FACTORY_MAP.put(CountDownLatchService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new CountDownLatchPermission(name, actions);
    }
});
PERMISSION_FACTORY_MAP.put(SemaphoreService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new SemaphorePermission(name, actions);
    }
});
PERMISSION_FACTORY_MAP.put(TopicService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new TopicPermission(name, actions);
    }
});
PERMISSION_FACTORY_MAP.put(LockService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new LockPermission(name, actions);
    }
});
PERMISSION_FACTORY_MAP.put(DistributedExecutorService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new ExecutorServicePermission(name, actions);
    }
});
PERMISSION_FACTORY_MAP.put(IdGeneratorService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new AtomicLongPermission(IdGeneratorService.ATOMIC_LONG_NAME + name, actions);
    }
});
PERMISSION_FACTORY_MAP.put(FlakeIdGeneratorService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new FlakeIdGeneratorPermission(name, actions);
    }
});
PERMISSION_FACTORY_MAP.put(MapReduceService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new MapReducePermission(name, actions);
    }
});
PERMISSION_FACTORY_MAP.put(ReplicatedMapService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new ReplicatedMapPermission(name, actions);
    }
});
PERMISSION_FACTORY_MAP.put(AtomicReferenceService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new AtomicReferencePermission(name, actions);
    }
});
PERMISSION_FACTORY_MAP.put(CacheService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new CachePermission(name, actions);
    }
});
PERMISSION_FACTORY_MAP.put(RingbufferService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new RingBufferPermission(name, actions);
    }
});
PERMISSION_FACTORY_MAP.put(DistributedDurableExecutorService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new DurableExecutorServicePermission(name, actions);
    }
});
PERMISSION_FACTORY_MAP.put(CardinalityEstimatorService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new CardinalityEstimatorPermission(name, actions);
    }
});
PERMISSION_FACTORY_MAP.put(UserCodeDeploymentService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return newUserCodeDeploymentServicePermission(name, actions);
    }
});
public Permission create(String name, String... actions) {
    return newUserCodeDeploymentPermission(actions);
}

PERMISSION_FACTORY_MAP.put(PNCounterService.SERVICE_NAME, new PermissionFactory() {
    @Override
    public Permission create(String name, String... actions) {
        return new PNCounterPermission(name, actions);
    }
}).

private ActionConstants() {
}

private interface PermissionFactory {
    Permission create(String name, String... actions);
}

/**
 * Creates a permission
 *
 * @param name
 * @param serviceName
 * @param actions
 * @return the created Permission
 * @throws java.lang.IllegalArgumentException if there is no service found with the given serviceName.
 *
 */
public static Permission getPermission(String name, String serviceName, String... actions) {
    PermissionFactory permissionFactory = PERMISSION_FACTORY_MAP.get(serviceName);
    if (permissionFactory == null) {
        throw new IllegalArgumentException("No permissions found for service: " + serviceName);
    }

    return permissionFactory.create(name, actions);
}

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package com.hazelcast.security.permission;

public class CountDownLatchPermission extends InstancePermission {

private static final int READ = 4;
private static final int MODIFY = 8;
private static final int ALL = CREATE | DESTROY | READ | MODIFY;

public CountDownLatchPermission(String name, String... actions) {
    super(name, actions);
}

@Override
protected int initMask(String[] actions) {
    int mask = NONE;
    for (String action : actions) {
        if (ActionConstants.ACTION_ALL.equals(action)) {
            return ALL;
        }

        if (ActionConstants.ACTION_CREATE.equals(action)) {
            mask |= CREATE;
        } else if (ActionConstants.ACTION_DESTROY.equals(action)) {
            mask |= DESTROY;
        } else if (ActionConstants.ACTION_READ.equals(action)) {
            mask |= READ;
        } else if (ActionConstants.ACTION_MODIFY.equals(action)) {
            mask |= MODIFY;
        }
    }

    return mask;
}

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object
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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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@example
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This program comes with ABSOLUTELY NO WARRANTY; for details type @samp{show w}.
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under certain conditions; type @samp{show c} for details.
@end example

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DRuntime: Runtime Library for the D Programming Language

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========

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Gocheck - A rich testing framework for Go

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import: ../../../../fossa/db/schema/thing.yml
fields:
site: string
author: root

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package github

import (   "fmt"   "net/http"   "reflect"   "testing"
)

func TestLicensesService_List(t *testing.T) {   setup()   defer teardown()

mux.HandleFunc("/licenses", func(w http.ResponseWriter, r *http.Request) {   testMethod(t, r, "GET")


licenses, _, err := client.Licenses.List()
if err != nil {
t.Errorf("Licenses.List returned error: %v", err)
}

want := []License{
    License{
        Key: String("mit"),
        Name: String("MIT"),
        URL: String("https://api.github.com/licenses/mit"),
    }
}
if !reflect.DeepEqual(licenses, want) {
t.Errorf("Licenses.List returned %+v, want %+v", licenses, want)
}

func TestLicensesService_Get(t *testing.T) {
    setup()
    defer teardown()

mux.HandleFunc("/licenses/mit", func(w http.ResponseWriter, r *http.Request) {
        testMethod(t, r, "GET")
        testHeader(t, r, "Accept", mediaTypeLicensesPreview)
        fmt.Fprintf(w, `(key:"mit","name":"MIT"`)})
    
    license, _, err := client.Licenses.Get("mit")
    if err != nil {
        t.Errorf("Licenses.Get returned error: %v", err)
    }
    want := &License{Key: String("mit"), Name: String("MIT")}
    if !reflect.DeepEqual(license, want) {
        t.Errorf("Licenses.Get returned %+v, want %+v", license, want)
    }
}

func TestLicensesService_Get_invalidTemplate(t *testing.T) {
    _, _, err := client.Licenses.Get("%")
    testURLParseError(t, err)
}

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

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import: ../../../fossene/db/schema/thing.yml
fields:
  site: string

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package github

import "fmt"

// LicensesService handles communication with the license related methods of the GitHub API.

type LicensesService struct {
    client *Client
}

// License represents an open source license.
type License struct {
    Key *string `json:"key",omitempty"`
    Name *string `json:"name",omitempty"`
    URL *string `json:"url",omitempty"`
    HTMLURL        *string   `json:"html_url",omitempty"
    Featured       *bool     `json:"featured",omitempty"
    Description    *string   `json:"description",omitempty"
    Category       *string   `json:"category",omitempty"
    Implementation *string   `json:"implementation",omitempty"
    Required       []string   `json:"required",omitempty"
    Permitted      []string   `json:"permitted",omitempty"
}
func (l License) String() string {
    return Stringify(l)
}

// List popular open source licenses.

// GitHub API docs: https://developer.github.com/v3/licenses/#list-all-licenses
func (s *LicensesService) List() ([]License, *Response, error) {
    req, err := s.client.NewRequest("GET", "licenses", nil)
    if err != nil {
        return nil, nil, err
    }
    // TODO: remove custom Accept header when this API fully launches
    req.Header.Set("Accept", mediaTypeLicensesPreview)
    licenses := new([]License)
    resp, err := s.client.Do(req, licenses)
    if err != nil {
        return nil, resp, err
    }
    return *licenses, resp, err
}

// Fetch extended metadata for one license.

// GitHub API docs: https://developer.github.com/v3/licenses/#get-an-individual-license
func (s *LicensesService) Get(licenseName string) (*License, *Response, error) {
    u := fmt.Sprintf("licenses/%s", licenseName)
    req, err := s.client.NewRequest("GET", u, nil)
    if err != nil {
        return nil, nil, err
    }
    // TODO: remove custom Accept header when this API fully launches
    req.Header.Set("Accept", mediaTypeLicensesPreview)
    license := new(License)
    resp, err := s.client.Do(req, license)
    if err != nil {
        return nil, resp, err
    }

return license, resp, err
}

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1.370 blang-semver 3.5.1+incompatible

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* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-jar/org/springframework/web/servlet/theme/ThemeChangeInterceptor.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-jar/org/springframework/web/servlet/i18n/AbstractLocaleResolver.java

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 * as URL query parameters or form field values before they are rendered by a
 * view or before a redirect.
 *
 * <p>Implementations may use this contract for example as part of a solution
 * to provide data integrity, confidentiality, protection against cross-site
 * request forgery (CSRF), and others or for other tasks such as automatically
 * adding a hidden field to all forms and URLs.
 *
 * <p>View technologies that support this contract can obtain an instance to
 * delegate to via {@link RequestContext#getRequestDataValueProcessor()}.  
 *
 * @author Rossen Stoyanchev
 * @since 3.1
 */

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  jar/org/springframework/web/servlet/mvc/method/annotation/PathVariableMethodArgumentResolver.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
  jar/org/springframework/web/servlet/mvc/method/annotation/ViewNameMethodReturnValueHandler.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
  jar/org/springframework/web/servlet/mvc/method/annotation/AbstractHandlerMapping.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
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* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
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* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
  jar/org/springframework/web/servlet/mvc/method/annotation/ViewMethodReturnValueHandler.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
  jar/org/springframework/web/servlet/resource/VersionResourceResolver.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
  jar/org/springframework/web/servlet/resource/EncodedResourceResolver.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
  jar/org/springframework/web/servlet/mvc/method/annotation/HttpEntityMethodProcessor.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
  jar/org/springframework/web/servlet/resource/WebJarsResourceResolver.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
  jar/org/springframework/web/servlet/resource/WebJarsResourceResolver.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
  jar/org/springframework/web/servlet/mvc/method/annotation/RequestMappingHandlerAdapter.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
  jar/org/springframework/web/servlet/resource/PathResourceResolver.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
  jar/org/springframework/web/servlet/mvc/method/annotation/RequestMappingInfo.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
  jar/org/springframework/web/servlet/resource/ResourceResolver.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
  jar/org/springframework/web/servlet/mvc/method/annotation/RequestMappingHandlerAdapter.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
  jar/org/springframework/web/servlet/mvc/method/annotation/RequestMappingInfo.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
  jar/org/springframework/web/servlet/resource/PathResourceResolver.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
  jar/org/springframework/web/servlet/mvc/method/annotation/HttpEntityMethodProcessor.java
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/**
 * XSLT-driven View that allows for response context to be rendered as the
 * result of an XSLT transformation.
 *
 * <p>The XSLT Source object is supplied as a parameter in the model and then
 * { [@link #locateSource detected ] during response rendering. Users can either specify
 * a specific entry in the model via the { [@link #setSourceKey sourceKey ] property or
 * have Spring locate the Source object. This class also provides basic conversion
 * of objects into Source implementations. See { [@link #getSourceTypes() here]}
 * for more details.
 *
 * <p>All model parameters are passed to the XSLT Transformer as parameters.
 * In addition the user can configure { [@link #setOutputProperties output properties]}
 * to be passed to the Transformer.
 *
 * @author Rob Harrop
 * @author Juergen Hoeller
 * @since 2.0
 */

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* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
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* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-jar/org/springframework/web/servlet/support/JspAwareRequestContext.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-jar/org/springframework/web/servlet/LocaleResolver.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-jar/org/springframework/web/servlet/view/AbstractUrlBasedView.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-jar/org/springframework/web/servlet/handler/WebRequestHandlerInterceptorAdapter.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-jar/org/springframework/web/servlet/config/annotation/ResourceChainRegistration.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-jar/org/springframework/web/servlet/handler/AbstractHandlerMethodExceptionResolver.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-jar/org/springframework/web/servlet/mvc/ParameterizableViewController.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-jar/org/springframework/web/servlet/i18n/SessionLocaleResolver.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
jar/org/springframework/web/servlet/mvc/method/annotation/RequestBodyAdvice.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
jar/org/springframework/web/servlet/mvc/method/annotation/AsyncTaskMethodReturnValueHandler.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
jar/org/springframework/web/servlet/LocaleContextResolver.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
jar/org/springframework/web/servlet/i18n/AbstractLocaleContextResolver.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
jar/org/springframework/web/servlet/view/tiles3/SpringWildcardServletTilesApplicationContext.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
jar/org/springframework/web/servlet/mvc/support/RedirectAttributesModelMap.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
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jar/org/springframework/web/servlet/tags/ParamAware.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
jar/org/springframework/web/servlet/tags/form/RadioButtonsTag.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
jar/org/springframework/web/servlet/view/tiles3/AbstractSpringPreparerFactory.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
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* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
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jar/org/springframework/web/servlet/tags/forms/OptionWriter.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
jar/org/springframework/web/servlet/mvc/HttpRequestHandlerAdapter.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-
jar/org/springframework/web/servlet/handler/AbstractDetectingUrlHandlerMapping.java
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* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-jar/org/springframework/web/servlet/config/annotation/WebMvcConfigurerAdapter.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-jar/org/springframework/web/servlet/handler/BeanNameUrlHandlerMapping.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-jar/org/springframework/web/servlet/config/MvcNamespaceHandler.java
* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-jar/org/springframework/web/servlet/handler/RequestMatchResult.java
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* /opt/cola/permits/1150725817_1617665509.99/0/spring-webmvc-5-1-11-release-sources-2-jar/org/springframework/web/servlet/config/DefaultServletHandlerBeanDefinitionParser.java
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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- web-common_3_0.xsd
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- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
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* /opt/cola/permits/1257332946_1642801877.08/0/kubernetes-client-4-10-2-sources-
jar/io/fabric8/kubernetes/client/dsl/internal/ReplicationControllerMixIn.java
* /opt/cola/permits/1257332946_1642801877.08/0/kubernetes-client-4-10-2-sources-
jar/io/fabric8/kubernetes/client/SchedulingAPIGroupExtensionAdapter.java
* /opt/cola/permits/1257332946_1642801877.08/0/kubernetes-client-4-10-2-sources-
jar/io/fabric8/kubernetes/client/dsl/serializtionmixins/ReplicationControllerMixIn.java
* /opt/cola/permits/1257332946_1642801877.08/0/kubernetes-client-4-10-2-sources-
jar/io/fabric8/kubernetes/client/dsl/internal/PodMetricOperationsImpl.java
* /opt/cola/permits/1257332946_1642801877.08/0/kubernetes-client-4-10-2-sources-
jar/io/fabric8/kubernetes/client/AutoscalingAPIGroupExtensionAdapter.java
* /opt/cola/permits/1257332946_1642801877.08/0/kubernetes-client-4-10-2-sources-
jar/io/fabric8/kubernetes/client/dsl/Errorable.java
* /opt/cola/permits/1257332946_1642801877.08/0/kubernetes-client-4-10-2-sources-jar/io/fabric8/kubernetes/client/dsl/Tyable.java
* /opt/cola/permits/1257332946_1642801877.08/0/kubernetes-client-4-10-2-sources-jar/io/fabric8/kubernetes/client/informers/ResyncRunnable.java
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* /opt/cola/permits/1257332946_1642801877.08/0/kubernetes-client-4-10-2-sources-jar/io/fabric8/kubernetes/client/Watch.java
* /opt/cola/permits/1257332946_1642801877.08/0/kubernetes-client-4-10-2-sources-jar/io/fabric8/kubernetes/client/dsl/EditReplacePatchable.java
* /opt/cola/permits/1257332946_1642801877.08/0/kubernetes-client-4-10-2-sources-jar/io/fabric8/kubernetes/client/dsl/Operation.java
* /opt/cola/permits/1257332946_1642801877.08/0/kubernetes-client-4-10-2-sources-jar/io/fabric8/kubernetes/client/dsl/Evictable.java
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* /opt/cola/permits/1257332946_1642801877.08/0/kubernetes-client-4-10-2-sources-jar/io/fabric8/kubernetes/client/dsl/CreateListFromLoadable.java
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* /opt/cola/permits/1257332946_1642801877.08/0/kubernetes-client-4-10-2-sources-jar/io/fabric8/kubernetes/client/dsl/WithRequestCallable.java
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* /opt/cola/permits/1257332946_1642801877.08/0/kubernetes-client-4-10-2-sources-jar/io/fabric8/kubernetes/client/ExtensionsAPIGroupClient.java
* /opt/cola/permits/1257332946_1642801877.08/0/kubernetes-client-4-10-2-sources-jar/io/fabric8/kubernetes/client/extended/leaderelection/resourcelock/ConfigMapLock.java
* /opt/cola/permits/1257332946_1642801877.08/0/kubernetes-client-4-10-2-sources-jar/io/fabric8/kubernetes/client/RbacAPIGroupExtensionAdapter.java

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* /opt/cola/permits/1257332946_1642801877.08/0/kubernetes-client-4-10-2-sources-jar/resource-handler.vm
* /opt/cola/permits/1257332946_1642801877.08/0/kubernetes-client-4-10-2-sources-jar/resource-operation.vm
* /opt/cola/permits/1257332946_1642801877.08/0/kubernetes-client-4-10-2-sources-jar/resource-handler-services.vm

### icu 58

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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC
```
## Additional flags when building libraries and with threads

THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path

LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,

## Compiler switch to embed a library name

LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options

LD_SOOPTIONS= -Wl,-Bs symbolic

## Shared object suffix

SO = so

## Non-shared intermediate object suffix

STATIC_O = ao

## Compilation rules

%.$(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.$(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules

%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$((SHELL)) -ec "$((GEN_DEPS.c) $< \n | sed 's/\([^*\\n]\)\.o:\[/\1.o $@ : /g\] > $@; \n [ -s $@ ] || rm -f $@'"

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$((SHELL)) -ec "$((GEN_DEPS.cc) $< \n | sed 's/\([^*\\n]\)\.o:\[/\1.o $@ : /g\] > $@; \n [ -s $@ ] || rm -f $@'"

## Versioned libraries rules

%.$(SO).$(SO_TARGET_VERSION_MAJOR): %.$(SO).$(SO_TARGET_VERSION)
$(RM) $@ && ln -s ${<F} $@
## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

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   (For example, a function in a library to compute square roots has

   [Further text continues here]
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import (
    "fmt"
    "net/http"
    "reflect"
    "testing"
)

func TestLicensesService_List(t *testing.T) {
    setup()
    defer teardown()
mux.HandleFunc("licenses", func(w http.ResponseWriter, r *http.Request) {
    testMethod(t, r, "GET")
    testHeader(t, r, "Accept", mediaTypeLicensesPreview)
    fmt.Fprint(w, `[
        {"key":"mit","name":"MIT","url":"https://api.github.com/licenses/mit"}
    ]`)})

licenses, _, err := client.Licenses.List()
if err != nil {
    t.Errorf("Licenses.List returned error: %v", err)
}

want := []License{
    License{
        Key: String("mit"),
        Name: String("MIT"),
        URL: String("https://api.github.com/licenses/mit"),
    }
}
if !reflect.DeepEqual(licenses, want) {
    t.Errorf("Licenses.List returned %+v, want %+v", licenses, want)
}

func TestLicensesService_Get(t *testing.T) {
    setup()
    defer teardown()

    mux.HandleFunc("licenses/mit", func(w http.ResponseWriter, r *http.Request) {
        testMethod(t, r, "GET")
        testHeader(t, r, "Accept", mediaTypeLicensesPreview)
        fmt.Fprint(w, `{"key":"mit","name":"MIT"}
    })

    license, _, err := client.Licenses.Get("mit")
    if err != nil {
        t.Errorf("Licenses.Get returned error: %v", err)
    }

    want := &License{
        Key: String("mit"),
        Name: String("MIT"),
    }
    if !reflect.DeepEqual(license, want) {
        t.Errorf("Licenses.Get returned %+v, want %+v", license, want)
    }
}

func TestLicensesService_Get_invalidTemplate(t *testing.T) {
    _, _, err := client.Licenses.Get("%")
    testURLParseError(t, err)
}
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procfs provides functions to retrieve system, kernel and process
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package github

import "fmt"

// LicensesService handles communication with the license related
// methods of the GitHub API.
//
type LicensesService struct {
    client *Client
}

// License represents an open source license.
type License struct {
    Key *string `json:"key",omitempty`  
    Name *string `json:"name",omitempty`  
    URL *string `json:"url",omitempty`  
    HTMLURL        *string   `json:"html_url",omitempty`
    Featured       *bool     `json:"featured",omitempty`  
    Description    *string   `json:"description",omitempty`  
    Category       *string   `json:"category",omitempty`  
    Implementation *string   `json:"implementation",omitempty`  
    Required       *[]string `json:"required",omitempty"`  
    Permitted      *[]string `json:"permitted",omitempty"`  
    Forbidden      *[]string `json:"forbidden",omitempty"`  

func (l License) String() string {
    return Stringify(l)
}

// List popular open source licenses.
//
// GitHub API docs: https://developer.github.com/v3/licenses/#list-all-licenses
func (s *LicensesService) List() ([]License, *Response, error) {
    req, err := s.client.NewRequest("GET", "licenses", nil)
    if err != nil {
        return nil, nil, err
    }
    licenses := new([]License)
    resp, err := s.client.Do(req, licenses)
    if err != nil {
        return nil, resp, err
    }
    return *licenses, resp, err
}

// Fetch extended metadata for one license.
//
// GitHub API docs: https://developer.github.com/v3/licenses/#get-an-individual-license
func (s *LicensesService) Get(licenseName string) (*License, *Response, error) {
    u := fmt.Sprintf("licenses/%s", licenseName)
    req, err := s.client.NewRequest("GET", u, nil)
    if err != nil {
        return nil, nil, err
    }
    license := new(License)
    resp, err := s.client.Do(req, license)
    if err != nil {
        return nil, resp, err
    }
}
return license, resp, err
}

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1.415 jackson-dataformat-yaml 2.11.1
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Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:
Mike Belshe (mbelshe@netscape.com)
Michael Campanella (campanella@stevms.enet.dec.com)

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### 1.426 pycrypto 2.6.1

#### 1.426.1 Available under license:

Copyright and licensing of the Python Cryptography Toolkit ("PyCrypto"):

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Previously, the copyright and/or licensing status of the Python Cryptography Toolkit ("PyCrypto") had been somewhat ambiguous. The original intention of Andrew M. Kuchling and other contributors has been to dedicate PyCrypto to the public domain, but that intention was not necessarily made clear in the original disclaimer (see LEGAL/copy/LICENSE.orig).

Additionally, some files within PyCrypto had specified their own licenses that differed from the PyCrypto license itself. For example, the original RIPEMD.c module simply had a copyright statement and warranty disclaimer, without clearly specifying any license terms. (An updated version on the author's website came with a license that contained a GPL-incompatible advertising clause.)

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2. Replacing some modules with clearly-licensed code from other sources (e.g. the DES and DES3 modules were replaced with new ones based on Tom St. Denis's public-domain LibTomCrypt library.)

3. Replacing some modules with code written from scratch (e.g. the RIPEMD and Blowfish modules were re-implemented from their respective algorithm specifications without reference to the old implementations).

4. Removing some modules altogether without replacing them.

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PyCrypto Code Submission Requirements - Rev. C

Last updated: 2009-02-28

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=== EOF ===

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**1.427 hamcrest 1.3**

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<head>
<title>Common Public License - v 1.0</title>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1">
</head>

<body bgcolor="#FFFFFF" vlink="#800000">

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<p><font size="3"></font></p>
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Open Source Used In Intelligent Node Manager 3.X 3.3.0 5959
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<head>
<meta http-equiv="Content-Type" content="text/html;charset=utf-8" />
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1.430 pam 1.1.8-3.6ubuntu2.18.04.2

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-------------------------------------------------------------------------

Patch for Ubuntu bug #399071

Display the contents of /etc/legal as part of the MOTD, the first time the user logs in, and set a flag in the user's homedir if possible to prevent repeat displays.

Authors: Dustin Kirkland <kirkland@canonical.com>

Upstream status: Ubuntu-specific, maybe submit to Debian

Index: pam.ubuntu/modules/pam_motp/pam_motd.c

--- pam.ubuntu.orig/modules/pam_motp/pam_motd.c
+++ pam.ubuntu/modules/pam_motp/pam_motd.c
@@ -73,6 +73,61 @@
     close(fd);
 }

+int display_legal(pam_handle_t *pamh)
+{
+    int retval = PAM_IGNORE, rc;
+    char *user = NULL;
+    char *dir = NULL;
+    char *flag = NULL;
+    struct passwd *pwd = NULL;
+    struct stat s;
+    int f;
+    /* Get the user name to determine if we need to print the disclaimer */
+    rc = pam_get_item(pamh, PAM_USER, &user);

Open Source Used In Intelligent Node Manager 3.X 3.3.0 5973
if (rc == PAM_SUCCESS && user != NULL && *(const char *)user != '\0')
{
    PAM_MODUTIL_DEF_PRIVS(privs);

    /* Get the password entry */
pwd = pam_modutil_getpwnam (pamh, user);
    if (pwd != NULL)
    {
        if (pam_modutil_drop_priv(pamh, &privs, pwd)) {
            pam_syslog(pamh, LOG_ERR,
            "Unable to change UID to %d temporarily\n",
            pwd->pw_uid);
            retval = PAM_SESSION_ERR;
            goto finished;
        }

        if (asprintf(&dir, "%s/.cache", pwd->pw_dir) == -1 || !dir)
            goto finished;
        if (asprintf(&flag, "%s/motd.legal-displayed", dir) == -1 || !flag)
            goto finished;

        if (stat(flag, &s) != 0)
        {
            display_file(pamh, "/etc/legal");
            mkdir(dir, 0700);
            f = open(flag, O_WRONLY|O_CREAT|O_EXCL,
            S_IRUSR|S_IWUSR|S_IRGRP|S_IROTH);
            if (f>=0) close(f);
        }
    
    finished:
    if (pam_modutil_regain_priv(pamh, &privs)) {
        pam_syslog(pamh, LOG_ERR,
        "Unable to change UID back to %d\n", privs.old_uid);
        retval = PAM_SESSION_ERR;
    }

    _pam_drop(flag);
    _pam_drop(dir);

    return retval;
}

PAM_EXTERN
int pam_sm_open_session(pam_handle_t *pamh, int flags,
int argc, const char **argv)
@@ -116,6 +171,9 @@
/* Display the updated motd */
display_file(pamh, motd_path);

+ /* Display the legal disclaimer only if necessary */
+ retval = display_legal(pamh);
+
+ return retval;
}

This package was debianized by J.H.M. Dassen (Ray) jdassen@debian.org on

It was downloaded from ftp://ftp.kernel.org/pub/linux/libs/pam/pre/

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1.431 busybox 1.31.1-r20

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Julian Seward, Cambridge, UK.
jseward@bzip.org
bzip2/libbzip2 version 1.0.4 of 20 December 2006
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1.437 cobra 1.1.1

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1.438 libpsl 0.19.1-5build1
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1.439 nghttp2 1.40.0

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1.453 pcre 8.43

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1.454 google-go-cmp 0.3.1

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1.456 jnr-x86asm 1.0.2

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1.458 bcel 2.7.2

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 */
/*
 * $Id: Version.src 1225426 2011-12-29 04:13:08Z mrglavas $
 */
package org.apache.xalan;

/**
 * Administrative class to keep track of the version number of
 * the Xalan release.
 * <P>This class implements the upcoming standard of having
 * org.apache.project-name.Version.getVersion() be a standard way
 * to get version information. This class will replace the older
 * org.apache.xalan.processor.Version class.</P>
 * <P>See also: org/apache/xalan/res/XSLTInfo.properties for
 * information about the version of the XSLT spec we support.</P>
 * @xsl.usage general
 */
public class Version
{

/**
 * Get the basic version string for the current Xalan release.
 * Version String formatted like
 * <CODE>"<B>Xalan</B> <B>Java</B> v.r\[.dd| <B>D</B>nn"]"</CODE>
 * Futurework: have this read version info from jar manifest.
 * @return String denoting our current version
 */
public static String getVersion()
{
return getProduct() + getImplementationLanguage() + ":" +
    getMajorVersionNum() + "." +
    (getDevelopmentVersionNum() > 0) ?
        ("D" + getDevelopmentVersionNum()) : ("" + getMaintenanceVersionNum()) + ".";
}

/**
 * Print the processor version to the command line.
 * @param argv command line arguments, unused.
 */
public static void main(String argv[])
{
    System.out.println(getVersion());
}

/**
 * Name of product: Xalan.
 */
public static String getProduct()
{
    return "Xalan";
}

/**
 * Implementation Language: Java.
 */
public static String getImplementationLanguage()
{
    return "Java";
}

/**
 * Major version number.
 * Version number. This changes only when there is a
 * significant, externally apparent enhancement from
* the previous release. 'n' represents the n'th version.
* Clients should carefully consider the implications of new versions as external interfaces and behaviour may have changed.
*/

```java
public static int getMajorVersionNum()
{
    return @version.VERSION@;
}

/**
 * Release Number.
 * Release number. This changes when:
 *            - a new set of functionality is to be added, eg,
 *            - implementation of a new W3C specification.
 *            - API or behaviour change.
 *            - its designated as a reference release.
 */

public static int getReleaseVersionNum()
{
    return @version.RELEASE@;
}

/**
 * Maintenance Drop Number.
 * Optional identifier used to designate maintenance drop applied to a specific release and contains fixes for defects reported. It maintains compatibility with the release and contains no API changes.
 * When missing, it designates the final and complete development drop for a release.
 */

public static int getMaintenanceVersionNum()
{
    return @version.MINOR@;
}

/**
 * Development Drop Number.
 * Optional identifier designates development drop of a specific release. D01 is the first development drop of a new release.
 * Development drops are works in progress towards a completed, final release. A specific development drop
```
may not completely implement all aspects of a new feature, which may take several development drops to complete. At the point of the final drop for the release, the D suffix will be omitted.

Each 'D' drops can contain functional enhancements as well as defect fixes. 'D' drops may not be as stable as the final releases.

```
public static int getDevelopmentVersionNum()
{
    try {
        if ((new String("@version.DEVELOPER@")).length() == 0)
            return 0;
        else
            return Integer.parseInt("@version.DEVELOPER@");
    } catch (NumberFormatException nfe) {
        return 0;
    }
}
```

Found in path(s):
*/
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/Version.src

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*/
/**
* This is a special exception that is used to stop parsing when search for an element. For instance, when searching for xml:stylesheet PIs, it is used to stop the parse once the document element is found.
* @see StylesheetPIHandler
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 */
package org.apache.xml.serializer;

/**
 * Administrative class to keep track of the version number of
 * the Serializer release.
 * <P>This class implements the upcoming standard of having
 * org.apache.project-name.Version.getVersion() be a standard way
 * to get version information.</P>
 * @xsl.usage general
 */
public final class Version
{

/**
 * Get the basic version string for the current Serializer.
 * Version String formatted like
 * Futurework: have this read version info from jar manifest.
 * @return String denoting our current version
 */
public static String getVersion()
{
    return getProduct() + " "+getImplementationLanguage()+" "+getMajorVersionNum()+"."+getReleaseVersionNum()+".";
    +((getDevelopmentVersionNum() > 0) ?
        ("D"+getDevelopmentVersionNum()) : (""+getMaintenanceVersionNum()));
}

/**
 * Print the processor version to the command line.
 * @param argv command line arguments, unused.
 */
public static void main(String argv[])
{
    System.out.println(getVersion());
}

/**
 * Name of product: Serializer.
 */
public static String getProduct()
{
    return "Serializer";
}
/**
 * Implementation Language: Java.
 */
public static String getImplementationLanguage()
{
    return "Java";
}

/**
 * Major version number.
 * Version number. This changes only when there is a
 * significant, externally apparent enhancement from
 * the previous release. 'n' represents the n'th
 * version.
 *
 * Clients should carefully consider the implications
 * of new versions as external interfaces and behaviour
 * may have changed.
 */
public static int getMajorVersionNum()
{
    return @version.VERSION@;
}

/**
 * Release Number.
 * Release number. This changes when:
 * - a new set of functionality is to be added, eg,
 *   implementation of a new W3C specification.
 * - API or behaviour change.
 * - its designated as a reference release.
 */
public static int getReleaseVersionNum()
{
    return @version.RELEASE@;
}

/**
 * Maintenance Drop Number.
 * Optional identifier used to designate maintenance
 * drop applied to a specific release and contains
 * fixes for defects reported. It maintains compatibility
 * with the release and contains no API changes.
 * When missing, it designates the final and complete
public static int getMaintenanceVersionNum()
{
    return @version.MINOR@;
}

/**
 * Development Drop Number.
 * Optional identifier designates development drop of
 * a specific release. D01 is the first development drop
 * of a new release.
 * Development drops are works in progress towards a
 * completed, final release. A specific development drop
 * may not completely implement all aspects of a new
 * feature, which may take several development drops to
 * complete. At the point of the final drop for the
 * release, the D suffix will be omitted.
 * Each 'D' drops can contain functional enhancements as
 * well as defect fixes. 'D' drops may not be as stable as
 * the final releases.
 */
public static int getDevelopmentVersionNum()
{
    try {
        if ((new String("@version.DEVELOPER@")).length() == 0)
            return 0;
        else
            return Integer.parseInt("@version.DEVELOPER@");
    } catch (NumberFormatException nfe) {
        return 0;
    }
}

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Version.src
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*/
/**
 * Major version number.
 * Version number. This changes only when there is a
 * significant, externally apparent enhancement from
 * the previous release. 'n' represents the n'th
 * version.
 *
 * Clients should carefully consider the implications
 * of new versions as external interfaces and behaviour
 * may have changed.
 */

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/Version.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/XSLProcessorVersion.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/Version.java

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*/

// Proprietary
/** The 'document-location()' id (Proprietary). */

/*
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/ToHTMLStream.java
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/compiler/FunctionTable.java
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/XMLEntities.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/output_text.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/res/XSLTInfo.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/output_xml.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
*/

---

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jar/org/apache/xalan/xsltc/compiler/Makefile.inc
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/serializer/output_unknown.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/serializer/HTMLEntities.properties
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xml/serializer/output_html.properties
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 * /

/*
 * $Id: xpath.cup 1225752 2011-12-30 04:12:46Z mrglavas $
 */

/*
 * @author Jacek Ambroziak
 * @author Santiago Pericas-Geertsen
 * @author Morten Jorgensen
 * @author G. Todd Miller
 */

package org.apache.xalan.xsltc.compiler;

import java.util.Stack;
import java.util.Vector;
import java.io.StringReader;
import java_cup.runtime.*;
import org.apache.xml.dtm.DTM;
import org.apache.xalan.xsltc.DOM;
import org.apache.xml.dtm.Axis;
import org.apache.xalan.xsltc.runtime.Operators;
import org.apache.xalan.xslt.compiler.util.ErrorMsg;

parser code {
    /**
     * Used by function calls with no args.
     */
    static public final Vector EmptyArgs = new Vector(0);

    /**
     * Reference to non-existing variable.
     */
    static public final VariableRef DummyVarRef = null;

    /**
     * Reference to the Parser class.
     */
    private Parser _parser;
    private XSLTC _xsltc;

    /**
     * String representation of the expression being parsed.
     */
    private String _expression;

    /**
     * Line number where this expression/pattern was declared.
     */
    private int _lineNumber = 0;

    /**
     * Reference to the symbol table.
     */
    public SymbolTable _symbolTable;

    public XPathParser(Parser parser) {
        _parser = parser;
        _xsltc = parser.getXSLTC();
        _symbolTable = parser.getSymbolTable();
    }

    public int getLineNumber() {
        return _lineNumber;
    }

    public QName getQNameIgnoreDefaultNs(String name) {
        return _parser.getQNameIgnoreDefaultNs(name);
    }
}
public QName getQName(String namespace, String prefix, String localname) {
    return _parser.getQName(namespace, prefix, localname);
}

public void setMultiDocument(boolean flag) {
    _xsltc.setMultiDocument(flag);
}

public void setCallsNodeset(boolean flag) {
    _xsltc.setCallsNodeset(flag);
}

public void setHasIdCall(boolean flag) {
    _xsltc.setHasIdCall(flag);
}

/**
 * This method is similar to findNodeType(int, Object) except that it
 * creates a StepPattern instead of just returning a node type. It also
 * differs in the way it handles "{uri}:*" and "{uri}:@*". The last two
 * patterns are expanded as "*[namespace-uri() = 'uri']" and
 * "[@*][namespace-uri() = 'uri']", respectively. This expansion considerably
 * simplifies the grouping of patterns in the Mode class. For this
 * expansion to be correct, the priority of the pattern/template must be
 * set to -0.25 (when no other predicates are present).
 */

public StepPattern createStepPattern(int axis, Object test, Vector predicates) {
    int nodeType;

    if (test == null) { // "*
        nodeType = (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE :
            (axis == Axis.NAMESPACE) ? -1 : NodeTest.ELEMENT;

        return new StepPattern(axis, nodeType, predicates);
    }

    else if (test instanceof Integer) {
        nodeType = ((Integer) test).intValue();

        return new StepPattern(axis, nodeType, predicates);
    }

    else {
        QName name = (QName)test;
        boolean setPriority = false;

        if (axis == Axis.NAMESPACE) {
            nodeType = (name.toString().equals("*") ? -1 :
                _xsltc.registerNamespacePrefix(name));
        }

        return new StepPattern(axis, nodeType, predicates);
    }
}
final String uri = name.getNamespace();
final String local = name.getLocalPart();
final QName namespace_uri =
    _parser.getQNameIgnoreDefaultNs("namespace-uri");

// Expand {uri}:* to *[namespace-uri() = 'uri'] - same for @*
if (uri != null && (local.equals("*") || local.equals("@*"))) {
    if (predicates == null) {
        predicates = new Vector(2);
    }

    // Priority is set by hand if no other predicates exist
    setPriority = (predicates.size() == 0);

    predicates.add(
        new Predicate(
            new EqualityExpr(Operators.EQ,
                new NamespaceUriCall(namespace_uri),
                new LiteralExpr(uri))));
}

if (local.equals("*")) {
    nodeType = (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE
        : NodeTest.ELEMENT;
} else if (local.equals("@*")) {
    nodeType = NodeTest.ATTRIBUTE;
} else {
    nodeType = (axis == Axis.ATTRIBUTE) ? _xslt.registerAttribute(name)
        : _xslt.registerElement(name);
}

final StepPattern result = new StepPattern(axis, nodeType, predicates);

    // Set priority for case prefix:* and prefix:@* (no predicates)
    if (setPriority) {
        result.setPriority(-0.25);
    }

    return result;
}
if (test == null) {  // *
    return (axis == Axis.ATTRIBUTE) ?
        NodeTest.ATTRIBUTE :
        (axis == Axis.NAMESPACE) ? -1 : NodeTest.ELEMENT;

    else if (test instanceof Integer) {
        return ((Integer)test).intValue();
    }

    else {
        QName name = (QName)test;

        if (axis == Axis.NAMESPACE) {
            return (name.toString().equals("*")) ? -1
                : _xsltc.registerNamespacePrefix(name);
        }

        if (name.getNamespace() == null) {
            final String local = name.getLocalPart();

            if (local.equals("*")) {
                return (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE
                    : NodeTest.ELEMENT;
            }

            else if (local.equals("@*")) {
                return NodeTest.ATTRIBUTE;
            }
        }

        return (axis == Axis.ATTRIBUTE) ? _xsltc.registerAttribute(name)
            : _xsltc.registerElement(name);
    }

    return (axis == Axis.ATTRIBUTE) ? _xsltc.registerAttribute(name)
        : _xsltc.registerElement(name);
}

/**
 * Parse the expression passed to the current scanner. If this
 * expression contains references to local variables and it will be
 * compiled in an external module (not in the main class) request
 * the current template to create a new variable stack frame.
 * *
 * @param lineNumber Line where the current expression is defined.
 * @param external   Set to <tt>true</tt> if this expression is
 * compiled in a separate module.
 * *
 */
public Symbol parse(String expression, int lineNumber) throws Exception {
    try {
        _expression = expression;
        _lineNumber = lineNumber;

        final String local = name.getLocalPart();

        if (local.equals("*")) {
            return (axis == Axis.ATTRIBUTE) ? NodeTest.ATTRIBUTE
                : NodeTest.ELEMENT;
        }

        else if (local.equals("@*")) {
            return NodeTest.ATTRIBUTE;
        }

        return (axis == Axis.ATTRIBUTE) ? _xsltc.registerAttribute(name)
            : _xsltc.registerElement(name);
    }
}
return super.parse();

    }
    catch (IllegalCharException e) {
        ErrorMsg err = new ErrorMsg(ErrorMsg.ILLEGAL_CHAR_ERR,
        lineNumber, e.getMessage());
        _parser.reportError(Constants.FATAL, err);
    }
    return null;

/**
 * Lookup a variable or parameter in the symbol table given its name.
 *
 * @param name Name of the symbol being looked up.
 *
 */
final SyntaxTreeNode lookupName(QName name) {
    // Is it a local var or param ?
    final SyntaxTreeNode result = _parser.lookupVariable(name);
    if (result != null)
        return(result);
    else
        return(_symbolTable.lookupName(name));
}

public final void addError(ErrorMsg error) {
    _parser.reportError(Constants.ERROR, error);
}

public void report_error(String message, Object info) {
    final ErrorMsg err = new ErrorMsg(ErrorMsg.SYNTAX_ERR, _lineNumber,
    _expression);
    _parser.reportError(Constants.FATAL, err);
}

public void report_fatal_error(String message, Object info) {
    // empty
}

    public RelativeLocationPath insertStep(Step step, RelativeLocationPath rlp) {
    if (rlp instanceof Step) {
        return new ParentLocationPath(step, (Step) rlp);
    }
    else if (rlp instanceof ParentLocationPath) {
        final ParentLocationPath plp = (ParentLocationPath) rlp;
        final RelativeLocationPath newrlp = insertStep(step, plp.getPath());
        return new ParentLocationPath(newrlp, plp.getStep());
    }
    else {

addError(new ErrorMsg(ErrorMsg.INTERNAL_ERR, "XPathParser.insertStep");
return rlp;
}

/**
 * Returns true if the axis applies to elements only. The axes
 * child, attribute, namespace, descendant result in non-empty
 * nodesets only if the context node is of type element.
 */
public boolean isElementAxis(int axis) {
    return (axis == Axis.CHILD || axis == Axis.ATTRIBUTE ||
            axis == Axis.NAMESPACE || axis == Axis.DESCENDANT);
}

terminal SLASH, DOT, LBRACK, RBRACK, VBAR, LPAREN, RPAREN, STAR, COMMA;
terminal DOLLAR, ATSIGN;
terminal DDOT, DCOLON, DSLASH;
terminal EQ, NE;
terminal LT, GT, LE, GE;
terminal PLUS, MINUS, DIV, MOD, MULT;
terminal String Literal;
terminal String QNAME;
terminal ID, KEY, TEXT, NODE, OR, AND, COMMENT, PI, PIPARAM, PRECEDINGSIBLING;
terminal SELF, PARENT, CHILD, ATTRIBUTE, ANCESTOR, ANCESTORORSELF, DESCENDANT;
terminal DESCENDANTORSELF, FOLLOWING, FOLLOWINGSIBLING, NAMESPACE, PRECEDING;
terminal Double REAL;
terminal Long INT;
terminal PATTERN, EXPRESSION;

non terminal SyntaxTreeNode TopLevel;

non terminal Expression Expr, Argument, LocationPath;
non terminal Expression Predicate, FilterExpr, Step;
non terminal Expression OrExpr, AndExpr, EqualityExpr;
non terminal Expression RelationalExpr, AdditiveExpr;
non terminal Expression MultiplicativeExpr, UnaryExpr;
non terminal Expression VariableReference, FunctionCall;
non terminal Expression PrimaryExpr, UnionExpr, PathExpr, AbbreviatedStep;
non terminal Expression RelativeLocationPath, AbbreviatedRelativeLocationPath;
non terminal Expression AbsoluteLocationPath, AbbreviatedAbsoluteLocationPath;

non terminal Object NodeTest, NameTest;

non terminal IdKeyPattern IdKeyPattern;
non terminal Pattern Pattern;
non terminal Pattern LocationPathPattern;
non terminal StepPattern ProcessingInstructionPattern;
non terminal RelativePathPattern RelativePathPattern;
non terminal StepPattern StepPattern;
non terminal Object NodeTestPattern, NameTestPattern;
non terminal Vector Predicates, NonemptyArgumentList;
non terminal QName QName, FunctionName, VariableName;
non terminal Integer AxisName, AxisSpecifier;

precedence left VBAR;
precedence left OR;
precedence left AND;
precedence nonassoc EQ, NE;
precedence left LT, GT, LE, GE;

precedence left PLUS, MINUS;
precedence left DIV, MOD, MULT;
precedence left DOLLAR;
precedence left ATSIGN;
precedence right DCOLOM;

start with TopLevel;

TopLevel ::= PATTERN Pattern:pattern
| EXPRESSION Expr:expr
     {: RESULT = pattern; :
      | EXPRESSION Expr:expr
      {: RESULT = expr; :};

    /* --------------------------- Patterns ----------------------------------- */

Pattern ::= LocationPathPattern:lpp
| LocationPathPattern:lpp VBAR Pattern:p
    {: RESULT = new AlternativePattern(lpp, p); :};

LocationPathPattern ::= SLASH
| LocationPathPattern:lpp VBAR Pattern:p
    {: RESULT = new AbsolutePathPattern(null); :};

| IdKeyPattern:ikp
    {: RESULT = ikp; :}

| IdKeyPattern:ikp SLASH RelativePathPattern:rpp
    {: RESULT = ikp SLASH RelativePathPattern:rpp

{: RESULT = new ParentPattern(ikp, rpp); :}

| IdKeyPattern:ikp DSLASH RelativePathPattern:rpp
{: RESULT = new AncestorPattern(ikp, rpp); :}

| DSLASH RelativePathPattern:rpp
{: RESULT = new AncestorPattern(rpp); :}

| RelativePathPattern:rpp
{: RESULT = rpp; :};

IdKeyPattern ::= ID LPAREN Literal:l RPAREN
{: RESULT = new IdPattern(l);
 parser.setHasIdCall(true);
 :}

| KEY LPAREN Literal:l1 COMMA Literal:l2 RPAREN
{: RESULT = new KeyPattern(l1, l2); :};

ProcessingInstructionPattern ::= PIPARAM LPAREN Literal:l RPAREN
{: RESULT = new ProcessingInstructionPattern(l); :};

RelativePathPattern ::= StepPattern:sp
{: RESULT = sp; :}

| StepPattern:sp SLASH RelativePathPattern:rpp
{: RESULT = new ParentPattern(sp, rpp); :}

| StepPattern:sp DSLASH RelativePathPattern:rpp
{: RESULT = new AncestorPattern(sp, rpp); :};

StepPattern ::= NodeTestPattern:nt
{: 
 RESULT = parser.createStepPattern(Axis.CHILD, nt, null);
 :}

| NodeTestPattern:nt Predicates:pp
{: 
 RESULT = parser.createStepPattern(Axis.CHILD, nt, pp);
 :}

| ProcessingInstructionPattern:pip
{: RESULT = pip; :}

| ProcessingInstructionPattern:pip Predicates:pp
{: RESULT = (ProcessingInstructionPattern:pip.setPredicates(pp); :}

| ChildOrAttributeAxisSpecifier:axis NodeTestPattern:nt
RESULT = parser.createStepPattern(axis.intValue(), nt, null);
|
| ChildOrAttributeAxisSpecifier:axis
NodeTestPattern::nt Predicates::pp
  |
  | RESULT = parser.createStepPattern(axis.intValue(), nt, pp);
  |
  | ChildOrAttributeAxisSpecifier:axis ProcessignInstructionPattern:pip
  |
  | RESULT = pip; // TODO: report error if axis is attribute
  |
| ChildOrAttributeAxisSpecifier:axis ProcessingInstructionPattern:pip
Predicates::pp
  |
  | // TODO: report error if axis is attribute
  | RESULT = (ProcessingInstructionPattern) pip.setPredicates(pp);
  |
NodeTestPattern ::= NameTestPattern::nt
  |
  | NODE
  |  | RESULT = new Integer(NodeTest.ANODE); :
  |
  | TEXT
  |  | RESULT = new Integer(NodeTest.TEXT); :
  |
  | COMMENT
  |  | RESULT = new Integer(NodeTest.COMMENT); :
  |
  | PI
  |  | RESULT = new Integer(NodeTest.PI); :
| NameTestPattern ::= STAR
  |
  | QName:qn
  |  | RESULT = qn; :
| ChildOrAttributeAxisSpecifier ::= ATSIGN
  |
  | RESULT = new Integer(Axis.ATTRIBUTE); :
  |
  | CHILD DCOLON
  |  | RESULT = new Integer(Axis.CHILD); :}
ATTRIBUTE DCOLON
{: RESULT = new Integer(Axis.ATTRIBUTE); :}

Predicates ::= Predicate:p
{:
Vector temp = new Vector();
temp.addElement(p);
RESULT = temp;
:}

| Predicate:p Predicates:pp
{: pp.addElementAt(p, 0); RESULT = pp; :}

Predicate ::= LBRACK Expr:e RBRACK
{: RESULT = new Predicate(e); :}

/* --------------------------- Expressions --------------------------------- */

Expr ::= OrExpr:ex
{: RESULT = ex; :}

OrExpr ::= AndExpr:ae
{: RESULT = ae; :}

| OrExpr:oe OR AndExpr:ae
{: RESULT = new LogicalExpr(LogicalExpr.OR, oe, ae); :}

AndExpr ::= EqualityExpr:e
{: RESULT = e; :}

| AndExpr:ae AND EqualityExpr:ee
{: RESULT = new LogicalExpr(LogicalExpr.AND, ae, ee); :}

EqualityExpr ::= RelationalExpr:re
{: RESULT = re; :}

| EqualityExpr:ee EQ RelationalExpr:re
{: RESULT = new EqualityExpr(Operators.EQ, ee, re); :}

| EqualityExpr:ee NE RelationalExpr:re
{: RESULT = new EqualityExpr(Operators.NE, ee, re); :}

RelationalExpr ::= AdditiveExpr:ae
{: RESULT = ae; :}
RelationalExpr:re LT AdditiveExpr:ae
{ RESULT = new RelationalExpr(Operators.LT, re, ae); }

RelationalExpr:re GT AdditiveExpr:ae
{ RESULT = new RelationalExpr(Operators.GT, re, ae); }

RelationalExpr:re LE AdditiveExpr:ae
{ RESULT = new RelationalExpr(Operators.LE, re, ae); }

RelationalExpr:re GE AdditiveExpr:ae
{ RESULT = new RelationalExpr(Operators.GE, re, ae); }

AdditiveExpr ::= MultiplicativeExpr:me
{ RESULT = me; }

AdditiveExpr:ae PLUS MultiplicativeExpr:me
{ RESULT = new BinOpExpr(BinOpExpr.PLUS, ae, me); }

AdditiveExpr:ae MINUS MultiplicativeExpr:me
{ RESULT = new BinOpExpr(BinOpExpr.MINUS, ae, me); }

MultiplicativeExpr ::= UnaryExpr:ue
{ RESULT = ue; }

MultiplicativeExpr:me MULT UnaryExpr:ue
{ RESULT = new BinOpExpr(BinOpExpr.TIMES, me, ue); }

MultiplicativeExpr:me DIV UnaryExpr:ue
{ RESULT = new BinOpExpr(BinOpExpr.DIV, me, ue); }

MultiplicativeExpr:me MOD UnaryExpr:ue
{ RESULT = new BinOpExpr(BinOpExpr.MOD, me, ue); }

UnaryExpr ::= UnionExpr:ue
{ RESULT = ue; }

MINUS UnaryExpr:ue
{ RESULT = new UnaryOpExpr(ue); }

UnionExpr ::= PathExpr:pe
{ RESULT = pe; }

PathExpr:pe VBAR UnionExpr:rest
{ RESULT = new UnionPathExpr(pe, rest); }

PathExpr ::= LocationPath:lp
{ RESULT = lp; }
FilterExpr:fexp
{: RESULT = fexp; :}

FilterExpr:fexp SLASH RelativeLocationPath:rlp
{: RESULT = new FilterParentPath(fexp, rlp); :}

FilterExpr:fexp DSLASH RelativeLocationPath:rlp
{:  
  // Expand '// into '/descendant-or-self::node()' or  
  // into /descendant-or-self::*/  
  
  int nodeType = DOM.NO_TYPE;  
  if (rlp instanceof Step &&  
      parser.isElementAxis(((Step) rlp).getAxis()))  
  {  
      nodeType = DTM.ATTRIBUTE_NODE;  
  }  
  final Step step = new Step(Axis.DESCENDANTORSELF, nodeType, null);  
  FilterParentPath fpp = new FilterParentPath(fexp, step);  
  fpp = new FilterParentPath(fpp, rlp);  
  if (fexp instanceof KeyCall == false) {  
      fpp.setDescendantAxis();  
  }  
  RESULT = fpp;  
  :};

LocationPath ::= RelativeLocationPath:rlp
{: RESULT = rlp; :}

AbsoluteLocationPath:alp
{: RESULT = alp; :};

RelativeLocationPath ::= Step:step
{: RESULT = step; :}

RelativeLocationPath:rlp SLASH Step:step
{:  
  if (rlp instanceof Step && ((Step) rlp).isAbbreviatedDot()) {  
      RESULT = step;  // Remove '.' from the middle  
  }  
  else if (((Step) step).isAbbreviatedDot()) {  
      RESULT = rlp;  // Remove '.' from the end  
  }  
  else {  
      RESULT =  
          new ParentLocationPath((RelativeLocationPath) rlp, step);  
  }  
}
AbsoluteLocationPath ::= SLASH
{: RESULT = new AbsoluteLocationPath(); :}

| SLASH RelativeLocationPath:rlp
{: RESULT = new AbsoluteLocationPath(rlp); :}

| AbbreviatedAbsoluteLocationPath:aalp
{: RESULT = aalp; :};

AbbreviatedRelativeLocationPath ::= RelativeLocationPath:rlp DSLASH Step:step
{: final Step right = (Step)step;
  final int  axis   = right.getAxis();
  final int  type   = right.getNodeType();
  final Vector predicates = right.getPredicates();

  if ((axis == Axis.CHILD) && (type != NodeTest.ATTRIBUTE)) {
    // Compress './/child:E' into 'descendant::E' - if possible
    if (predicates == null) {
      right.setAxis(Axis.DESCENDANT);
      if (rlp instanceof Step && ((Step)rlp).isAbbreviatedDot()) {
        RESULT = right;
      }
    }
    else {
      // Expand 'rlp//child::E' into 'rlp/descendant::E'
      RelativeLocationPath left = (RelativeLocationPath)rlp;
      RESULT = new ParentLocationPath(left, right);
    }
  }
  else {
    // Expand './/step' -> 'descendant-or-self::*/step'
    if (rlp instanceof Step && ((Step)rlp).isAbbreviatedDot()) {
      Step left = new Step(Axis.DESCENDANTORSELF,
                                 DTM.ELEMENT_NODE, null);
      RESULT = new ParentLocationPath(left, right);
    }
    else {
      // Expand 'rlp//step' -> 'rlp/descendant-or-self::*/step'
      RelativeLocationPath left = (RelativeLocationPath)rlp;
      Step mid = new Step(Axis.DESCENDANTORSELF,
                                      DTM.ELEMENT_NODE, null);
      ParentLocationPath ppl = new ParentLocationPath(mid, right);
      RESULT = new ParentLocationPath(left, ppl);
    }
  }
}
else if ((axis == Axis.ATTRIBUTE) || (type == NodeTest.ATTRIBUTE)) {  
   // Expand 'rlp/step' -> 'rlp/descendant-or-self::*/step'  
   RelativeLocationPath left = (RelativeLocationPath)rlp;  
   Step middle = new Step(Axis.DESCENDANTORSELF,  
   DTM.ELEMENT_NODE, null);  
   ParentLocationPath ppl = new ParentLocationPath(middle, right);  
   RESULT = new ParentLocationPath(left, ppl);  
}
else {
   // Expand 'rlp//step' -> 'rlp/descendant-or-self::node()/step'  
   RelativeLocationPath left = (RelativeLocationPath)rlp;  
   Step middle = new Step(Axis.DESCENDANTORSELF,  
   DOM.NO_TYPE, null);  
   ParentLocationPath ppl = new ParentLocationPath(middle, right);  
   RESULT = new ParentLocationPath(left, ppl);  
}
};

AbbreviatedAbsoluteLocationPath ::= DSLASH RelativeLocationPath:rlp
   {:
      // Expand '//' into '/descendant-or-self::node()/' or  
      // into /descendant-or-self::*/  
      // int nodeType = DOM.NO_TYPE;  
      if (rlp instanceof Step &&  
         parser.isElementAxis(((Step) rlp).getAxis()))  
      {  
         nodeType = DTM.ELEMENT_NODE;  
      }
      final Step step = new Step(Axis.DESCENDANTORSELF, nodeType, null);  
      RESULT = new AbsoluteLocationPath(parser.insertStep(step,  
      (RelativeLocationPath) rlp));  
};

Step ::= NodeTest:ntest
   {:
      if (ntest instanceof Step) {  
         RESULT = (Step)ntest;  
      }
      else {  
         RESULT = new Step(Axis.CHILD,  
         parser.findNodeType(Axis.CHILD, ntest),  
         null);  
      }  
}
if (ntest instanceof Step) {
    Step step = (Step)ntest;
    step.addPredicates(pp);
    RESULT = (Step)ntest;
}
else {
    RESULT = new Step(Axis.CHILD, parser.findNodeType(Axis.CHILD, ntest), pp);
}

RESULT = new Step(axis.intValue(), parser.findNodeType(axis.intValue(), ntest), pp);

RESULT = new Step(axis.intValue(), parser.findNodeType(axis.intValue(), ntest), null);

RESULT = abbrev;

AxisSpecifier ::= AxisName:an DCOLON
    { RESULT = an; :

ATSIGN
    { RESULT = new Integer(Axis.ATTRIBUTE); :

AxisName ::= ANCESTOR
    { RESULT = new Integer(Axis.ANCESTOR); :

ANCESTORORSELF
    { RESULT = new Integer(Axis.ANCESTORORSELF); :

ATTRIBUTE
    { RESULT = new Integer(Axis.ATTRIBUTE); :

CHILD
    { RESULT = new Integer(Axis.CHILD); :}
| DESCENDANT
{: RESULT = new Integer(Axis.DESCENDANT); :}

| DESCENDANTORSELF
{: RESULT = new Integer(Axis.DESCENDANTORSELF); :}

| FOLLOWING
{: RESULT = new Integer(Axis.FOLLOWING); :}

| FOLLOWINGSIBLING
{: RESULT = new Integer(Axis.FOLLOWINGSIBLING); :}

| NAMESPACE
{: RESULT = new Integer(Axis.NAMESPACE); :}

| PARENT
{: RESULT = new Integer(Axis.PARENT); :}

| PRECEDING
{: RESULT = new Integer(Axis.PRECEDING); :}

| PRECEDINGSIBLING
{: RESULT = new Integer(Axis.PRECEDINGSIBLING); :}

| SELF
{: RESULT = new Integer(Axis.SELF); :};

AbbreviatedStep ::= DOT
{: RESULT = new Step(Axis.SELF, NodeTest.ANODE, null); :}

| DDOT
{: RESULT = new Step(Axis.PARENT, NodeTest.ANODE, null); :};

FilterExpr ::= PrimaryExpr:primary
{: RESULT = primary; :}

| PrimaryExpr:primary Predicates:pp
{: RESULT = new FilterExpr(primary, pp); :};

PrimaryExpr ::= VariableReference:vr
{: RESULT = vr; :}

| LPAREN Expr:ex RPAREN
{: RESULT = ex; :}

| Literal:string
{:}
/ * If the string appears to have the syntax of a QName, store * namespace info in the literal expression. This is used for * element-available and function-available functions, among * others. Also, the default namespace must be ignored. */
String namespace = null;
final int index = string.lastIndexOf(':');

if (index > 0) {
    final String prefix = string.substring(0, index);
    namespace = parser._symbolTable.lookupNamespace(prefix);
}
RESULT = (namespace == null) ? new LiteralExpr(string)
    : new LiteralExpr(string, namespace);

| INT:num |
| : long value = num.longValue(); |
| if (value < Integer.MIN_VALUE || value > Integer.MAX_VALUE) { |
| RESULT = new RealExpr(value); |
| } |
| else { |
| if (num.doubleValue() == -0) |
| RESULT = new RealExpr(num.doubleValue()); |
| else if (num.intValue() == 0) |
| RESULT = new IntExpr(num.intValue()); |
| else if (num.doubleValue() == 0.0) |
| RESULT = new RealExpr(num.doubleValue()); |
| else |
| RESULT = new IntExpr(num.intValue()); |
| } |
| : |

| REAL:num |
| : RESULT = new RealExpr(num.doubleValue()); |

| FunctionCall:fc |
| : RESULT = fc; |

VariableReference ::= DOLLAR VariableName:varName |
| : |
| // An empty qname prefix for a variable or parameter reference |
| // should map to the null namespace and not the default URI. |
| SyntaxTreeNode node = parser.lookupName(varName); |
| if (node != null) { |
if (node instanceof Variable) {
    RESULT = new VariableRef((Variable)node);
}
else if (node instanceof Param) {
    RESULT = new ParameterRef((Param)node);
} else {
    RESULT = new UnresolvedRef(varName);
}

if (node == null) {
    RESULT = new UnresolvedRef(varName);
}
;

FunctionCall ::= FunctionName:fname LPAREN RPAREN
{
:
    if (parser.getQNameIgnoreDefaultNs("current").equals(fname)) {
        RESULT = new CurrentCall(fname);
    }
    else if (parser.getQNameIgnoreDefaultNs("number").equals(fname)) {
        RESULT = new NumberCall(fname, parser.EmptyArgs);
    }
    else if (parser.getQNameIgnoreDefaultNs("string").equals(fname)) {
        RESULT = new StringCall(fname, parser.EmptyArgs);
    }
    else if (parser.getQNameIgnoreDefaultNs("concat").equals(fname)) {
        RESULT = new ConcatCall(fname, parser.EmptyArgs);
    }
    else if (parser.getQNameIgnoreDefaultNs("true").equals(fname)) {
        RESULT = new BooleanExpr(true);
    }
    else if (parser.getQNameIgnoreDefaultNs("false").equals(fname)) {
        RESULT = new BooleanExpr(false);
    }
    else if (parser.getQNameIgnoreDefaultNs("name").equals(fname)) {
        RESULT = new NameCall(fname);
    }
    else if (parser.getQNameIgnoreDefaultNs("generate-id").equals(fname)) {
        RESULT = new GenerateIdCall(fname, parser.EmptyArgs);
    }
    else if (parser.getQNameIgnoreDefaultNs("string-length").equals(fname)) {
        RESULT = new StringLengthCall(fname, parser.EmptyArgs);
    }
    else if (parser.getQNameIgnoreDefaultNs("position").equals(fname)) {
        RESULT = new PositionCall(fname);
    }
else if (parser.getQNameIgnoreDefaultNs("last").equals(fname)) {
    RESULT = new LastCall(fname);
}
else if (parser.getQNameIgnoreDefaultNs("local-name").equals(fname)) {
    RESULT = new LocalNameCall(fname);
}
else if (parser.getQNameIgnoreDefaultNs("namespace-uri").equals(fname)) {
    RESULT = new NamespaceUriCall(fname);
}
else {
    RESULT = new FunctionCall(fname, parser.EmptyArgs);
}

| FunctionName:fname LPAREN NonemptyArgumentList:argl RPAREN |
| : |
| if (parser.getQNameIgnoreDefaultNs("concat").equals(fname)) |
|     RESULT = new ConcatCall(fname, argl); |
| }
else if (parser.getQNameIgnoreDefaultNs("number").equals(fname)) {
    RESULT = new NumberCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("document").equals(fname)) {
    parser.setMultiDocument(true);
    RESULT = new DocumentCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("string").equals(fname)) {
    RESULT = new StringCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("boolean").equals(fname)) {
    RESULT = new BooleanCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("name").equals(fname)) {
    RESULT = new NameCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("generate-id").equals(fname)) {
    RESULT = new GenerateIdCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("not").equals(fname)) {
    RESULT = new NotCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("format-number").equals(fname)) {
    RESULT = new FormatNumberCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("unparsed-entity-uri").equals(fname)) {
    RESULT = new UnparsedEntityUriCall(fname, argl);
}
else if (parser.getQNameIgnoreDefaultNs("key").equals(fname)) {
    RESULT = new KeyCall(fname, argl);
}

else if (parser.getQNameIgnoreDefaultNs("id").equals(fname)) {
    RESULT = new KeyCall(fname, argl);
    parser.setHasIdCall(true);
}

else if (parser.getQNameIgnoreDefaultNs("ceiling").equals(fname)) {
    RESULT = new CeilingCall(fname, argl);
}

else if (parser.getQNameIgnoreDefaultNs("round").equals(fname)) {
    RESULT = new RoundCall(fname, argl);
}

else if (parser.getQNameIgnoreDefaultNs("floor").equals(fname)) {
    RESULT = new FloorCall(fname, argl);
}

else if (parser.getQNameIgnoreDefaultNs("contains").equals(fname)) {
    RESULT = new ContainsCall(fname, argl);
}

else if (parser.getQNameIgnoreDefaultNs("string-length").equals(fname)) {
    RESULT = new StringLengthCall(fname, argl);
}

else if (parser.getQNameIgnoreDefaultNs("starts-with").equals(fname)) {
    RESULT = new StartsWithCall(fname, argl);
}

else if (parser.getQNameIgnoreDefaultNs("function-available").equals(fname)) {
    RESULT = new FunctionAvailableCall(fname, argl);
}

else if (parser.getQNameIgnoreDefaultNs("element-available").equals(fname)) {
    RESULT = new ElementAvailableCall(fname, argl);
}

else if (parser.getQNameIgnoreDefaultNs("local-name").equals(fname)) {
    RESULT = new LocalNameCall(fname, argl);
}

else if (parser.getQNameIgnoreDefaultNs("lang").equals(fname)) {
    RESULT = new LangCall(fname, argl);
}

else if (parser.getQNameIgnoreDefaultNs("namespace-uri").equals(fname)) {
    RESULT = new NamespaceUriCall(fname, argl);
}

else if (parser.getQName ignorDefaultNs(TRANSLET_URI, "xslt", "cast").equals(fname)) {
    RESULT = new CastCall(fname, argl);
}

// Special case for extension function nodeset()
else if (fname.getLocalPart().equals("nodeset") || fname.getLocalPart().equals("node-set")) {
    parser.setCallsNodeset(true);  // implies MultiDOM
    RESULT = new FunctionCall(fname, argl);
}
else {
    RESULT = new FunctionCall(fname, argl);
}
:
NonemptyArgumentList ::= Argument:arg
{: 
    Vector temp = new Vector();
    temp.addElement(arg);
    RESULT = temp;
    :}
| Argument:arg COMMA NonemptyArgumentList:argl
{: argl.insertElementAt(arg, 0); RESULT = argl; :};

FunctionName ::= QName:fname
{: 
    RESULT = fname;
    :};

VariableName ::= QName:vname
{: 
    RESULT = vname;
    :};

Argument ::= Expr:ex
{: RESULT = ex; :};

NodeTest ::= NameTest:nt
{: RESULT = nt; :}
| NODE
{: RESULT = new Integer(NodeTest.ANODE); :}
| TEXT
{: RESULT = new Integer(NodeTest.TEXT); :}
| COMMENT
{: RESULT = new Integer(NodeTest.COMMENT); :}
| PIPARAM LPAREN Literal:l RPAREN
{: 
    QName name = parser.getQNameIgnoreDefaultNs("name");
    Expression exp = new EqualityExpr(Operators.EQ,
        new NameCall(name),
        new LiteralExpr(l));
    Vector predicates = new Vector();
    predicates.addElement(new Predicate(exp));
RESULT = new Step(Axis.CHILD, NodeTest.PI, predicates);
:}

| PI
{: RESULT = new Integer(NodeTest.PI); :};

NameTest ::= STAR
    [: RESULT = null: :]

| QName:qn
    [: RESULT = qn: :];

QName ::= QName:qname
    [: RESULT = parser.getQNameIgnoreDefaultNs(qname); :]

| DIV
    [: RESULT = parser.getQNameIgnoreDefaultNs("div"); :]

| MOD
    [: RESULT = parser.getQNameIgnoreDefaultNs("mod"); :]

| KEY
    [: RESULT = parser.getQNameIgnoreDefaultNs("key"); :]

| ANCESTOR
    [: RESULT = parser.getQNameIgnoreDefaultNs("child"); :]

| ANCESTORORSELF
    [: RESULT = parser.getQNameIgnoreDefaultNs("ancestor-or-self"); :]

| ATTRIBUTE
    [: RESULT = parser.getQNameIgnoreDefaultNs("attribute"); :]

| CHILD
    [: RESULT = parser.getQNameIgnoreDefaultNs("child"); :]

| DESCENDANT
    [: RESULT = parser.getQNameIgnoreDefaultNs("descendant"); :]

| DESCENDANTORSELF
    [: RESULT = parser.getQNameIgnoreDefaultNs("descendant-or-self"); :]

| FOLLOWING
    [: RESULT = parser.getQNameIgnoreDefaultNs("following"); :]

| FOLLOWINGSIBLING
    [: RESULT = parser.getQNameIgnoreDefaultNs("following-sibling"); :]
| NAMESPACE |
| : : RESULT = parser.getQNameIgnoreDefaultNs("namespace"); : |

| PARENT |
| : : RESULT = parser.getQNameIgnoreDefaultNs("parent"); : |

| PRECEDING |
| : : RESULT = parser.getQNameIgnoreDefaultNs("preceding"); : |

| PRECEDINGSIBLING |
| : : RESULT = parser.getQNameIgnoreDefaultNs("preceding-sibling"); : |

| SELF |
| : : RESULT = parser.getQNameIgnoreDefaultNs("self"); : |

| ID |
| : : RESULT = parser.getQNameIgnoreDefaultNs("id"); : |

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources.jar/org/apache/xalan/xslt/compiler/xpath.cup

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 */

// is found, then throw a special exception in order to terminate

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources.jar/org/apache/xalan/processor/TransformerFactoryImpl.java

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Found in path(s):
* /opt/cola/permits/1134796662_1613422294.090/xalan-2-7-2-sources-
  jar/org/apache/xpath/domapi/XPathStylesheetDOM3Exception.java
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/**
* Execute the proprietary document-location() function, which returns
* a node set of documents.
* @xsl.usage advanced
*/

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.090/xalan-2-7-2-sources-
  jar/org/apache/xpath/functions/FuncDoclocation.java
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/*
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package org.apache.xalan.xslt.compiler;

import java_cup.runtime.Symbol;

%%
cup
unicode
class XPathLexer
yyeof

{%
int last;

void initialize() {
    last = -1;
}

static boolean isWhitespace(int c) {
    return (c == ' ' || c == '	' || c == '' || c == '
'  || c == '');
}

/**
 * If symbol is not followed by `:` or `',` then treat it as a
 * name instead of an axis or function (Jira-1912).
 */
Symbol disambiguateAxisOrFunction(int ss) throws Exception {

// Peek in the input buffer without changing the internal state
int index = yy_buffer_index;

// Skip whitespace
while (index < yy_buffer_read && isWhitespace(yy_buffer[index])) {
    index++;
}

// If end of buffer, can't disambiguate :
if (index >= yy_buffer_read) {
    // Can't disambiguate, so return as symbol
    return new Symbol(ss);
}

// Return symbol if next token is '::' or '('
return (yy_buffer[index] == ':' && yy_buffer[index+1] == ':') ||
       yy_buffer[index] == '(' ?
    newSymbol(ss) : newSymbol(sym.QNAME, yytext());

/**
 * If symbol is first token or if it follows any of the operators
 * listed in http://www.w3.org/TR/xpath#exprlex then treat as a
 * name instead of a keyword (Jira-1912).
 */
Symbol disambiguateOperator(int ss) throws Exception {
    switch (last) {
    case -1:    // first token
      case sym.ATSIGN:
      case sym.DCOLON:
      case sym.LPAREN:
      case sym.LBRACK:
      case sym.COMMA:
      case sym.AND:
      case sym.OR:
      case sym.MOD:
      case sym.DIV:
      case sym.MULT:
      case sym.SLASH:
      case sym.DSLOT:
      case sym.VBAR:
      case sym.PLUS:
      case sym.MINUS:
      case sym.EQ:
      case sym.NE:
      case sym.LT:
      case sym.LE:
      case sym.GT:
case sym.GE:
    return newSymbol(sym.QNAME, yytext());
}
return newSymbol(ss);
}

/**
 * If symbol is first token or if it follows any of the operators
 * listed in http://www.w3.org/TR/xpath#exprlex then treat as a
 * wildcard instead of a multiplication operator
 */
Symbol disambiguateStar() throws Exception {
    switch (last) {
        case -1:    // first token
            case sym.ATSIGN:
            case sym.DCOLON:
            case sym.LPAREN:
            case sym.LBRACK:
            case sym.COMMA:
            case sym.AND:
            case sym.OR:
            case sym.MOD:
            case sym.DIV:
            case sym.MULT:
            case sym.SLASH:
            case sym.DSLASH:
            case sym.VBAR:
            case sym.PLUS:
            case sym.MINUS:
            case sym.EQ:
            case sym.NE:
            case sym.LT:
            case sym.LE:
            case sym.GT:
            case sym.GE:
                return newSymbol(sym.STAR);
    }
    return newSymbol(sym.MULT);
}

Symbol newSymbol(int ss) {
    last = ss;
    return new Symbol(ss);
}

Symbol newSymbol(int ss, String value) {
    last = ss;
    return new Symbol(ss, value);
Symbol newSymbol(int ss, Long value) {
    last = ss;
    return new Symbol(ss, value);
}

Symbol newSymbol(int ss, Double value) {
    last = ss;
    return new Symbol(ss, value);
}

%}

%eofval{
    return newSymbol(sym.EOF);
}%eofval%

%yylexthrow{
Exception
%yylexthrow}

Letter={BaseChar}|{Ideographic}
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Ideographic=[u4E00-u9FA5u3007u3021-u3029]

CombiningChar=[u0300-u0345u0360-u0361u0483-u0486u0591-u05A1u05A3-u05B9u05BB-
-u05BCu05FCu05G1-u05C2u05C4u0564B-u05652u0670u06D6-u06DCu06DD-u06DFu06E0-u06E4u06E7-
-u06EBu06EA-u06EDu0901-u0903u093Cu093E-u094Cu094Du0951-u0954u0962-u0963u0981-
-u0983u09BCu09BEu09BFu09C0-u09C4u09C7-u09C8u09CB-u09CDu09D7u09E2-
-u09E3u0A02u0A3Cu0A3Eu0A40-u0A47-u0A48u0A4Bu0A4Du0A70-u0A71u0A81-
-u0A83u0ABCu0ABEu0AC5u0AC7-u0AC9u0ACBu0ACDu0B01-u0B03u0B3Cu0B3Eu0B43u0B47-
-u0B48u0B4Bu0B4Du0B56-u0B57u0B82-u0B83u0BBEu0BC2u0BC6u0BC8u0BCAu-
-u0BCDu0BD7u0CE1-u0C03u0C3Eu0C44u0C46-u0C48u0C4Au0C55-u0C56u0C82-
-u0C83u0CBE-u0CC4u0CC6-u0CC8u0CCA-u0CCDu0CD5-u0CD6u0D02-u0D03u0D3Eu0D43u0D46-
-u0D48u0D4Au0D57u0E31u0E34-u0E3Au0E47-u0E4Eu0EB1-u0EB4-u0EB9u0EBB-
-u0ECu0EC8-u0ECDu0F18-u0F19u0F35u0F37u0F39u0F3Eu0F3Bu0F71-u0F84u0F86-u0F8Bu0F90-
-u0F95u0F97u0F99-u0FADu0FB1-u0FB7u0FB9u20D0-u20DCu20E1u302A-A-u302Fu3099u309A]

Digit=[u0030-u0039u0660-u0669u06F0-u06F9u0966-u096Eu0967-u09EFu0A66-u0A6Eu0AE6-
-u0AEFu0B66-u0B6Eu0BE7-u0BEEu0C66-u0C6Eu0CEFu0D66-u0D6Eu0E50-u0E59u0ED0-
-u0ED9u0F20-u0F29]

Extender=[u00B7u02D0u02D1u0387u0640u0E46u0EC6u3005u3031-u3035u309D-u309Eu30FC-u30FE]

NCName=([Letter]|"_"|[NCNameStartChar])((NCNameChar))*

NCNameChar=[Letter]|([Digit])|"\""|"\"-""|"\""|([CombiningChar])|([Extender])|([NCNameStartChar])|"\"0\"B7 | "\"0300-
-u036F| ] | [u203F-u2040] | [u0130-u0136]

NCNameStartChar=[u0041-u005Au0061-u007Au00C0-u00D6u00D8-u00F6u00F8-u02FFu0370-
-u037Du037Fu01FFu020Cu020Du0270u0218u02C0u02FEu3001-u07FFu900-u0FDFu0FFD0-
-uFFFD] | u005F | ([HighSurrogate] | (LowSurrogate) )

HighSurrogate=[uD800-uDBFF]

LowSurrogate=[uDC00-uDFFF]

%%

"*" { return disambiguateStar(); }

"/" { return newSymbol(sym.SLASH); }

"+" { return newSymbol(sym.PLUS); }

"-" { return newSymbol(sym.MINUS); }

"div" { return disambiguateOperator(sym.DIV); }

"mod" { return disambiguateOperator(sym.MOD); }

"::" { return newSymbol(sym.DCOLON); }

"," { return newSymbol(sym.COMMA); }

"@" { return newSymbol(sym.ATSIGN); }
".." { return newSymbol(sym.DDOT); }
"[" { return newSymbol(sym.VBAR); }
"\$" { return newSymbol(sym.DOLLAR); }
"/" { return newSymbol(sym.DSFLASH); }
"=\" { return newSymbol(sym.EQ); }
"!=" { return newSymbol(sym.NE); }
"<" { return newSymbol(sym.LT); }
">" { return newSymbol(sym.GT); }
"<=" { return newSymbol(sym.LE); }
">=" { return newSymbol(sym.GE); }
"id" { return disambiguateAxisOrFunction(sym.ID); }
"key" { return disambiguateAxisOrFunction(sym.KEY); }
"text()" { return newSymbol(sym.TEXT); }
"text"+[ \r\n\t]+"(" { return newSymbol(sym.TEXT); }
"node()" { return newSymbol(sym.NODE); }
"node"+[ \r\n\t]+"(" { return newSymbol(sym.NODE); }
"comment()" { return newSymbol(sym.COMMENT); }
"comment"+[ \r\n\t]+"(" { return newSymbol(sym.COMMENT); }
"processing-instruction" { return disambiguateAxisOrFunction(sym.PIPEM); }
"processing-instruction()" { return newSymbol(sym.PI); }
"processing-instruction"+[ \r\n\t]+"(" { return newSymbol(sym.PI); }
"or" { return disambiguateOperator(sym.OR); }
"and" { return disambiguateOperator(sym.AND); }
"child" { return disambiguateAxisOrFunction(sym.CHILD); }
"attribute" { return disambiguateAxisOrFunction(sym.ATTRIBUTE); }
"ancestor" { return disambiguateAxisOrFunction(sym.ANCESTOR); }
"ancestor-or-self" { return disambiguateAxisOrFunction(sym.ANCESTORORSELF); }
"descendant" { return disambiguateAxisOrFunction(sym.DESCENDANT); }
"descendant-or-self" { return disambiguateAxisOrFunction(sym.DESCENDANTORSELF); }
"following" { return disambiguateAxisOrFunction(sym.FOLLOWING); }
"following-sibling" { return disambiguateAxisOrFunction(sym.FOLLOWINGSIBLING); }
"namespace" { return disambiguateAxisOrFunction(sym.NAMESPACE); }
"parent" { return disambiguateAxisOrFunction(sym.PARENT); }
"preceding" { return disambiguateAxisOrFunction(sym.PRECEDING); }
"preceding-sibling" { return disambiguateAxisOrFunction(sym.PRECEDINGSIBLING); }
"self" { return disambiguateAxisOrFunction(sym.SELF); }
"[" { return newSymbol(sym.LBRACK); }
"]" { return newSymbol(sym.RBRACK); }
"(" { return newSymbol(sym.LPAREN); }
")" { return newSymbol(sym.RPAREN); }
"<\MatchingPattern\>" { initialize(); return new Symbol(sym.PATTERN); }
"<\MatchingExpression\>" { initialize(); return new Symbol(sym.EXPRESSION); }
\"[^\\"]*\" { return newSymbol(sym.Literal, yyytext().substring(1, yyytext().length() - 1)); }
\"[^\\"]*\" { return newSymbol(sym.Literal, yyytext().substring(1, yyytext().length() - 1)); }
{Digit}+ { return newSymbol(sym.INT, new Long(yytext())); }
{Digit}+(\."[Digit]+)? { return newSymbol(sym.REAL, new Double(yytext())); }
"\"\[\{Digit\}\+ \{ return newSymbol(sym.REAL, new Double(yytext())); \}  
"\\"\{ return newSymbol(sym.DOT); \}  
(\{NCName\}\:"\)?[NCName] \{ return newSymbol(sym.QNAME, yytext()); \}  
(\{NCName\}\:"\)?\* \{ return newSymbol(sym.QNAME, yytext()); \}  
(\{NCName\}\:"\)?\@\* \{ return newSymbol(sym.QNAME, yytext()); \}  
[\\v\\n\f\] \{ /* ignore white space. */ \}  
. \{ throw new Exception(yytext()); \}

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/xpath.lex

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* */
*/

* $Id: XSLProcessorVersion.src 468640 2006-10-28 06:53:53Z minchau $ *
package org.apache.xalan.processor;

/** *
* Administrative class to keep track of the version number of
* the Xalan release.
* <P>See also: org/apache/xalan/res/XSLTInfo.properties</P>
* @deprecated To be replaced by org.apache.xalan.Version.getVersion()
* @xsl.usage general
*/

public class XSLProcessorVersion
{

/** *
* Print the processor version to the command line.
* */
public static void main(String argv[]) {
    System.out.println(S_VERSION);
}

public static final String PRODUCT = "Xalan";

public static final String LANGUAGE = "Java";

public static final int VERSION = @version.VERSION@;

public static final int RELEASE = @version.RELEASE@;

public static final int MAINTENANCE_DROP = @version.MAINTENANCE_DROP@;
*/
public static final int MAINTENANCE = @version.MINOR@;
/**
* Development Drop Number.
* Optional identifier designates development drop of
*
a specific release. D01 is the first development drop
*
of a new release.
*
*
Development drops are works in progress towards a
*
compeleted, final release. A specific development drop
*
may not completely implement all aspects of a new
*
feature, which may take several development drops to
*
complete. At the point of the final drop for the
*
release, the D suffix will be omitted.
*
*
Each 'D' drops can contain functional enhancements as
*
well as defect fixes. 'D' drops may not be as stable as
*
the final releases.
*/
public static final int DEVELOPMENT = 0;
/**
* Version String like <CODE>"<B>Xalan</B> <B>Language</B>
* v.r[.dd| <B>D</B>nn]"</CODE>.
* <P>Semantics of the version string are identical to the Xerces project.</P>
*/
public static final String S_VERSION = PRODUCT+" "+LANGUAGE+" "
+VERSION+"."+RELEASE+"."
+(DEVELOPMENT > 0 ? ("D"+DEVELOPMENT)
: (""+MAINTENANCE));
}
Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sourcesjar/org/apache/xalan/processor/XSLProcessorVersion.src
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*/

// Proprietary, built in functions
/** current function string (Proprietary). */

Found in path(s):
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/compiler/Keywords.java

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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/transformer/QueuedEvents.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/compiler/XslAttribute.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/dtm/ref/NodeLocator.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/ToStream.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/runtime/MessageHandler.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xslt/dom/KeyIndex.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/ElemDesc.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/ElemForEach.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xalan-2.7.2-sources
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-xslt runtime/ErrorMessage_pl.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/extensions/ExtensionNamespaceSupport.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/ObjectFactory.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/TransletException.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/StringBufferPool.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xpath/operations/And.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/ToSAXHandler.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/res/XResources_zh_TW.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/trax/DOM2SAX.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/processor/ProcessorGlobalVariableDecl.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xsltc/Trax.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/XPATHErrorResources_ca.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/SerializerMessages.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/templates/AVTPartXPath.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xpath/axes/PredicatedNodeTest.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xpath/transformer/TransformerIdentityImpl.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xslt/Trax.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/utils/IntVector.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xslt/runtime/ErrorMessage_pl.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/res/XMLErrorResources_tr.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xslt/runtime/ErrorMessage_pl.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xpath/axes/PredicatedNodeTest.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/trace/EndSelectionEvent.java

jar/org/apache/xalan/res/XSLTErrorResources_zh.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/xsltc/compiler/AttributeValue.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-
jar/org/apache/xalan/transformer/NodeSortKey.java
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xslt/CollatorFactory.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/xslt/compiler/util/ErrorMessages_sk.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/SerializerMessages_pt_BR.java
* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xml/serializer/utils/SerializerMessages_es.java
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* /opt/cola/permits/1134796662_1613422294.09/0/xalan-2-7-2-sources-jar/org/apache/xalan/res/XSLTErrorResources_ja.java
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1.459 commons-io 1.3.2

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1.461 procps 3.3.12-3ubuntu1.1

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1.462 asm 3.3.1

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* /opt/cola/permits/1128777990_1612054951.89/0/asm-all-3-3-1-sources-4-
  jar/org/objectweb/asm/commons/TableSwitchGenerator.java
* /opt/cola/permits/1128777990_1612054951.89/0/asm-all-3-3-1-sources-4-
  jar/org/objectweb/asm/MethodWriter.java
* /opt/cola/permits/1128777990_1612054951.89/0/asm-all-3-3-1-sources-4-
  jar/org/objectweb/asm/tree/analysis/Value.java
* /opt/cola/permits/1128777990_1612054951.89/0/asm-all-3-3-1-sources-4-
  jar/org/objectweb/asm/tree/LabelNode.java
* /opt/cola/permits/1128777990_1612054951.89/0/asm-all-3-3-1-sources-4-
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  jar/org/objectweb/asm/util/CheckSignatureAdapter.java
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  jar/org/objectweb/asm/util/CheckClassAdapter.java
* /opt/cola/permits/1128777990_1612054951.89/0/asm-all-3-3-1-sources-4-
  jar/org/objectweb/asm/annotation/BasicValue.java
* /opt/cola/permits/1128777990_1612054951.89/0/asm-all-3-3-1-sources-4-
  jar/org/objectweb/asm/tree/MethodInsnNode.java
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  jar/org/objectweb/asm/AnnotationVisitor.java
* /opt/cola/permits/1128777990_1612054951.89/0/asm-all-3-3-1-sources-4-
  jar/org/objectweb/asm/util/TraceAnnotationVisitor.java
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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

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

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

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

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

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

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

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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

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

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

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

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

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

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

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

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

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

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

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

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

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

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

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

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

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

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That's all there is to it!

1.464 curl 7.58.0 2ubuntu3.7
1.464.1 Available under license:

License Mixing
=============

libcurl can be built to use a fair amount of various third party libraries, libraries that are written and provided by other parties that are distributed using their own licenses. Even libcurl itself contains code that may cause problems to some. This document attempts to describe what licenses libcurl and the other libraries use and what possible dilemmas linking and mixing them all can lead to for end users.

I am not a lawyer and this is not legal advice!

One common dilemma is that [GPL](https://www.gnu.org/licenses/gpl.html) licensed code is not allowed to be linked with code licensed under the [Original BSD license](https://spdx.org/licenses/BSD-4-Clause.html) (with the announcement clause). You may still build your own copies that use them all, but distributing them as binaries would be to violate the GPL license - unless you accompany your license with an [exception](https://www.gnu.org/licenses/gpl-faq.html#GPLIncompatibleLibs). This particular problem was addressed when the [Modified BSD license](https://opensource.org/licenses/BSD-3-Clause) was created, which does not have the announcement clause that collides with GPL.

## libcurl

Uses an [MIT style license](https://curl.haxx.se/docs/copyright.html) that is very liberal.

## OpenSSL
(May be used for SSL/TLS support) Uses an Original BSD-style license with an announcement clause that makes it "incompatible" with GPL. You are not allowed to ship binaries that link with OpenSSL that includes GPL code (unless that specific GPL code includes an exception for OpenSSL - a habit that is growing more and more common). If OpenSSL's licensing is a problem for you, consider using another TLS library.

## GnuTLS

(May be used for SSL/TLS support) Uses the [LGPL](https://www.gnu.org/licenses/lgpl.html) license. If this is a problem for you, consider using another TLS library. Also note that GnuTLS itself depends on and uses other libs (libgcrypt and libgpg-error) and they too are LGPL- or GPL-licensed.

## WolfSSL

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## BoringSSL

(May be used for SSL/TLS support) As an OpenSSL fork, it has the same license as that.

## libressl

(May be used for SSL/TLS support) As an OpenSSL fork, it has the same license as that.
## c-ares

(Used for asynchronous name resolves) Uses an MIT license that is very liberal and imposes no restrictions on any other library or part you may link with.

## zlib

(Used for compressed Transfer-Encoding support) Uses an MIT-style license that shouldn't collide with any other library.

## MIT Kerberos

(May be used for GSS support) MIT licensed, that shouldn't collide with any other parts.

## Heimdal

(May be used for GSS support) Heimdal is Original BSD licensed with the announcement clause.

## GNU GSS

(May be used for GSS support) GNU GSS is GPL licensed. Note that you may not distribute binary curl packages that uses this if you build curl to also link and use any Original BSD licensed libraries!

## libidn

(Used for IDNA support) Uses the GNU Lesser General Public License [3]. LGPL is a variation of GPL with slightly less aggressive "copyleft". This license requires more requirements to be met when distributing binaries, see the license for details. Also note that if you distribute a binary that includes this library, you must also include the full LGPL license text. Please properly point out what parts of the distributed package that the license addresses.

## OpenLDAP

(Used for LDAP support) Uses a Modified BSD-style license. Since libcurl uses OpenLDAP as a shared library only, I have not heard of anyone that ships OpenLDAP linked with libcurl in an app.

## libssh2

(Used for scp and sftp support) libssh2 uses a Modified BSD-style license.

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1.465 gzip 1.6 5ubuntu1.1

1.465.1 Available under license:

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Some devices are designed to deny users access to install or run
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protecting users' freedom to change the software. The systematic
pattern of such abuse occurs in the area of products for individuals to
use, which is precisely where it is most unacceptable. Therefore, we
have designed this version of the GPL to prohibit the practice for those
products. If such problems arise substantially in other domains, we
stand ready to extend this provision to those domains in future versions
of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents.
States should not allow patents to restrict development and use of
software on general-purpose computers, but in those that do, we wish to
avoid the special danger that patents applied to a free program could
make it effectively proprietary. To prevent this, the GPL assures that
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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of
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Copyright FAQ
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1. I don’t understand the resale restriction... What gives?

   Bitstream is giving away these fonts, but wishes to ensure its competitors can’t just drop the fonts as is into a font sale system and sell them as is. It seems fair that if Bitstream can’t make money from the Bitstream Vera fonts, their competitors should not be able to do so either. You can sell the fonts as part of any software package, however.
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3. Are derivative works allowed?

Yes!

4. Can I change or add to the font(s)?

Yes, but you must change the name(s) of the font(s).

5. Under what terms are derivative works allowed?

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6. If I have improvements for Bitstream Vera, is it possible they might get adopted in future versions?

Yes. The contract between the Gnome Foundation and Bitstream has provisions for working with Bitstream to ensure quality additions to the Bitstream Vera font family. Please contact us if you have such additions. Note, that in general, we will want such additions for the entire family, not just a single font, and that you'll have to keep both Gnome and Jim Lyles, Vera's designer, happy! To make sense to add glyphs to the font, they must be stylistically in keeping with Vera's design. Vera cannot become a "ransom note" font. Jim Lyles will be providing a document describing the design elements used in Vera, as a guide and aid for people interested in contributing to Vera.

7. I want to sell a software package that uses these fonts: Can I do so?

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8. If applications have built the names "Bitstream Vera" into them, can I override this somehow to use fonts of my choosing?

This depends on exact details of the software. Most open source systems and software (e.g., Gnome, KDE, etc.) are now converting to use fontconfig (see www.fontconfig.org) to handle font configuration,
selection and substitution; it has provisions for overriding font names and substituting alternatives. An example is provided by the supplied local.conf file, which chooses the family Bitstream Vera for "sans", "serif" and "monospace". Other software (e.g., the XFree86 core server) has other mechanisms for font substitution.

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DESCRIPTION: GIS icon theme
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|--------------------------|---------------------------------|
| *Change of ellipsoid defining parameters.* ||
| 1a | Ellipsoid parameters a and b, \( a \) and \( 1/f \); a and \( e \); a and \( e^2 \) | |
| 1b | Ellipsoid parameters a and \( 1/f \), \( b \) and \( e \); a and \( e^2 \) | |
| *Change of projection method* ||
| 2a | Lambert Conic Conformal (1 SP) method with projection parameters \( O \) and \( kO \). | Lambert Conic Conformal (2 SP) method with projection parameters 1 and 2. |
| 2b | Lambert Conic Conformal (2 SP) method with projection parameters 1 and 2. | Lambert Conic Conformal (1 SP) method with projection parameters \( O \) and \( kO \). |
| 3a | Mercator (variant A) method with projection parameters \( O \) and \( kO \). | Mercator (variant B) method with projection parameter 1. |
| 3b | Mercator (variant B) method with projection parameter 1. | Mercator (variant A) method with projection parameters \( O \) and \( kO \). |
| 4a | Hotine Oblique Mercator (variant A) method with projection parameters \( F \) and \( FN \). | Hotine Oblique Mercator (variant B) method with projection parameters \( E \) and \( NC \). |
| 4b | Hotine Oblique Mercator (variant B) method with projection parameters \( E \) and \( NC \). | Hotine Oblique Mercator (variant A) method with projection parameters \( F \) and \( FN \). |
| 5a | Polar Stereographic (variant A) method with projection parameters \( O \) and \( kO \). | Polar Stereographic (variant B) method with projection parameter \( F \). |
| 5b | Polar Stereographic (variant B) method with projection parameter \( F \). | Polar Stereographic (variant A) method with projection parameters \( O \) and \( kO \). |
| 5c | Polar Stereographic (variant A) method with projection parameters \( O \), \( kO \), \( FE \), and \( FN \). | Polar Stereographic (variant C) method with projection parameters \( F \), \( EF \), and \( NF \). |
| 5d | Polar Stereographic (variant C) method with projection parameters \( F \), \( EF \), and \( NF \). | Polar Stereographic (variant A) method with projection parameters \( O \), \( kO \), \( FE \), and \( FN \). |
| 5e | Polar Stereographic (variant B) method with projection parameter \( FE \) and \( FN \). | Polar Stereographic (variant C) method with projection parameters \( EF \) and \( NF \). |
| 5f | Polar Stereographic (variant C) method with projection parameters \( EF \) and \( NF \). | Polar Stereographic (variant B) method with projection parameter \( FE \) and \( FN \). |
| Change of transformation method | | | | | |
| 6a | Position Vector 7-parameter transformation method parameters \( RX \), \( RY \), and \( RZ \). | Coordinate Frame transformation method with signs of position vector parameters \( RX \), \( RY \), and \( RZ \) reversed. |
| 6b | Coordinate Frame transformation method parameters \( RX \), \( RY \), and \( RZ \). | Position Vector 7-parameter transformation method with signs of coordinate frame parameters \( RX \), \( RY \), and \( RZ \) reversed. |
| 7 | Concatenated transformation using geocentric methods (Geocentric translations, Position Vector 7-parameter transformation, Coordinate Frame rotation). | Equivalent single geocentric transformation in which for each parameter the parameter values of the component steps have been summed. |
| *Change of units* ||
| 8 | NTv2 method grid file filename. | NTv2 method grid file relative storage path with file name including removal (if necessary) of special characters [spaces, parentheses, etc] which are replaced by underscore characters. |
Parameter value. Convert unit to another, for example from microradian to arc-second, using conversion factors obtained from the EPSG dataset Unit table.

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*/

package main

import (  
"fmt"
  gb "go/build"
  "io/ioutil"
  "os"
  "path/filepath"
  "sort"
  "strings"

  "github.com/google/licenseclassifier"
)

var LicenseNames = []string{
"LICENCE",
"LICENSE",
"LICENSE.code",
"LICENSE.md",
"LICENSE.txt",
"COPYING",
"copyright",
}

const MatchThreshold = 0.9

type LicenseFile struct {
    EnclosingImportPath string
    LicensePath         string
}

func (lf *LicenseFile) Body() (string, error) {
    body, err := ioutil.ReadFile(lf.LicensePath)
    if err != nil {
        return "", err
    }
    return string(body), nil
}

func (lt *LicenseFile) Classify(classifier *licenseclassifier.License) (string, error) {
    body, err := lt.Body()
    if err != nil {
        return "", err
    }
    m := classifier.NearestMatch(body)
    if m == nil {
        return "", fmt.Errorf("unable to classify license: %v", lt.EnclosingImportPath)
    }
    return m.Name, nil
}

func (lt *LicenseFile) Check(classifier *licenseclassifier.License) error {
    body, err := lt.Body()
    if err != nil {
        return err
    }
    ms := classifier.MultipleMatch(body, false)
    for _, m := range ms {
        return fmt.Errorf("Found matching forbidden license in %q: %v", lt.EnclosingImportPath, m.Name)
    }
    return nil
}
func (lt *LicenseFile) Entry() (string, error) {
    body, err := lt.Body()
    if err != nil {
        return "", err
    }
    return fmt.Sprintf(`
    ============================================================
    Import: %s
    %s
    `, lt.EnclosingImportPath, body), nil
}

func (lt *LicenseFile) CSVRow(classifier *licenseclassifier.License) (string, error) {
    classification, err := lt.Classify(classifier)
    if err != nil {
        return "", err
    }
    parts := strings.Split(lt.EnclosingImportPath, "/vendor/"
    if len(parts) != 2 {
        return "", fmt.Errorf("wrong number of parts splitting import path on %q : %q", "/vendor/", lt.EnclosingImportPath)
    }
    return strings.Join([]string{
        parts[1],
        "Static",
        "", // TODO(mattmoor): Modifications?
        classification,
    }, ","), nil
}

func findLicense(ip string) (*LicenseFile, error) {
    pkg, err := gb.Import(ip, WorkingDir, gb.ImportComment)
    if err != nil {
        return nil, err
    }
    dir := pkg.Dir
    for {
        // When we reach the root of our workspace, stop searching.
        if dir == WorkingDir {
            return nil, fmt.Errorf("unable to find license for %q", pkg.ImportPath)
        }
        for _, name := range LicenseNames {
            p := filepath.Join(dir, name)
            if _, err := os.Stat(p); err != nil {
                continue
            }
            return &LicenseFile{
                IP: ip,
                ImportPath: p,
                EnclosingImportPath: pkg.ImportPath,
                LicensePath: filepath.Join(dir, name),
                Body: string(os.ReadFile(p)),
                // TODO(mattmoor): Modifications?
            }, nil
        }
    }
}
return &LicenseFile{
EnclosingImportPath: ip,
LicensePath:
p,
}, nil
}
// Walk to the parent directory / import path
dir = filepath.Dir(dir)
ip = filepath.Dir(ip)
}
}
type LicenseCollection []*LicenseFile
func (lc LicenseCollection) Entries() (string, error) {
sections := make([]string, 0, len(lc))
for _, key := range lc {
entry, err := key.Entry()
if err != nil {
return "", err
}
sections = append(sections, entry)
}
return strings.Join(sections, "\n"), nil
}
func (lc LicenseCollection) CSV(classifier *licenseclassifier.License) (string, error) {
sections := make([]string, 0, len(lc))
for _, entry := range lc {
row, err := entry.CSVRow(classifier)
if err != nil {
return "", err
}
sections = append(sections, row)
}
return strings.Join(sections, "\n"), nil
}
func (lc LicenseCollection) Check(classifier *licenseclassifier.License) error {
errors := []string{}
for _, entry := range lc {
if err := entry.Check(classifier); err != nil {
errors = append(errors, err.Error())
}
}
if len(errors) == 0 {

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func CollectLicenses(imports []string) (LicenseCollection, error) {
    // for each of the import paths, search for a license file.
    licenseFiles := make(map[string]*LicenseFile)
    for _, ip := range imports {
        lf, err := findLicense(ip)
        if err != nil {
            return nil, err
        }
        licenseFiles[ip.EnclosingImportPath] = lf
    }
    order := sort.StringSlice{}
    for key := range licenseFiles {
        order = append(order, key)
    }
    order.Sort()
    licenseTypes := LicenseCollection{}
    for _, key := range order {
        licenseTypes = append(licenseTypes, licenseFiles[key])
    }
    return licenseTypes, nil
}

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PACKAGE

package goautoneg
import "bitbucket.org/ww/goautoneg"

HTTP Content-Type Autonegotiation.

The functions in this package implement the behaviour specified in http://www.w3.org/Protocols/rfc2616/rfc2616-sec14.html

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FUNCTIONS

func Negotiate(header string, alternatives []string) (content_type string)
Negotiate the most appropriate content_type given the accept header
and a list of alternatives.

func ParseAccept(header string) (accept []Accept)
Parse an Accept Header string returning a sorted list
of clauses

TYPES

type Accept struct {
    Type, SubType string
    Q    float32
    Params map[string]string
}
Structure to represent a clause in an HTTP Accept Header

SUBDIRECTORIES

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Buffruneio is a wrapper around bufio to provide buffered runes access with unlimited unreads.

```go
import "github.com/pelletier/go-buffruneio"
```

## Examples

```go
import (  
  "fmt"  
  "github.com/pelletier/go-buffruneio"  
  "strings" 
)  

fmt.Println(reader.ReadRune()) // 'a'  
fmt.Println(reader.ReadRune()) // 'b'  
fmt.Println(reader.ReadRune()) // 'c'  
reader.UnreadRune()  
reader.UnreadRune()  
fmt.Println(reader.ReadRune()) // 'b'  
fmt.Println(reader.ReadRune()) // 'c'
```

## Documentation

The documentation and additional examples are available at [godoc.org](http://godoc.org/github.com/pelletier/go-buffruneio).

## Contribute

Feel free to report bugs and patches using GitHub's pull requests system on [pelletier/go-toml](https://github.com/pelletier/go-buffruneio). Any feedback is much appreciated!

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package licenseclassifier

// *** NOTE: Update this file when adding a new license. You need to:
//
// 1. Add the canonical name to the list, and
// 2. Categorize the license.

import "github.com/google/licenseclassifier/internal/sets"

// Canonical names of the licenses.
const (
// The names come from the https://spdx.org/licenses website, and are
// also the filenames of the licenses in licenseclassifier/licenses.
AFL11 = "AFL-1.1"
AFL12 = "AFL-1.2"
AFL20 = "AFL-2.0"
AFL21 = "AFL-2.1"
AFL30 = "AFL-3.0"
AGPL10 = "AGPL-1.0"
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Apache10 = "Apache-1.0"
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Artistic10cl8 = "Artistic-1.0-cl8"
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SGIB11 = "SGI-B-1.1"
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SISSL12 = "SISSL-1.2"
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Sleepycat = "Sleepycat"
UnicodeTOU = "Unicode-TOU"
Unlicense = "Unlicense"
W3C19980720 = "W3C-19980720"
W3C = "W3C"
WTFPL = "WTFPL"
X11 = "X11"
Xnet = "Xnet"
Zend20 = "Zend-2.0"
ZlibAcknowledgement = "zlib-acknowledgement"
Zlib = "Zlib"
ZPL11 = "ZPL-1.1"
ZPL20 = "ZPL-2.0"
ZPL21 = "ZPL-2.1"

var (  
  // Licenses Categorized by Type

  // restricted - Licenses in this category require mandatory source
  // distribution if we ships a product that includes third-party code
  // protected by such a license.
  restrictedType = sets.NewStringSet(
    BCL,
    CCBYND10,
    CCBYND20,
    CCBYND25,
    CCBYND30,
    CCBYND40,
    CCBYSA10,
    CCBYSA20,
    CCBYSA25,
    CCBYSA30,
    CCBYSA40,
    GPL10,
    GPL20,
    GPL20withautoconfexception,
    GPL20withbisonexception,
    GPL20withclasspathexception,
    GPL20withfontexception,
    GPL20withGCCexception,
    GPL30,
GPL3.0 with autoconf exception,
GPL3.0 with GCC exception,
LGPL2.0,
LGPL2.1,
LGPL3.0,
NPL1.0,
NPL1.1,
OSL1.0,
OSL1.1,
OSL2.0,
OSL2.1,
OSL3.0,
QPL1.0,
Sleepycat,
)

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// under such licenses freely in *unmodified* form. If the third-party
// source code is modified in any way these modifications to the
// original third-party source code must be made available.
reciprocalType = sets.NewStringSet(
  APSL1.0,
  APSL1.1,
  APSL1.2,
  APSL2.0,
  CDDL1.0,
  CDDL1.1,
  CPL1.0,
  EPL1.0,
  FreeImage,
  IPL1.0,
  MPL1.0,
  MPL1.1,
  MPL2.0,
  Ruby,
)

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// without endangering or encumbering our source code. All of the
// licenses in this category do, however, have an "original Copyright
// notice" or "advertising clause", wherein any external distributions
// must include the notice or clause specified in the license.
noticeType = sets.NewStringSet(
  AFL1.1,
  AFL1.2,
  AFL2.0,
  AFL2.1,
AFL30,
Apache10,
Apache11,
Apache20,
Artistic10c18,
Artistic10Perl,
Artistic10,
Artistic20,
BSL10,
BSD2ClauseFreeBSD,
BSD2ClauseNetBSD,
BSD2Clause,
BSD3ClauseAttribution,
BSD3ClauseClear,
BSD3ClauseLBNL,
BSD3Clause,
BSD4Clause,
BSD4ClauseUC,
BSDProtection,
CCBY10,
CCBY20,
CCBY25,
CCBY30,
CCBY40,
FTL,
ISC,
ImageMagick,
Libpng,
Lil10,
LPL102,
LPL10,
MSPL,
MIT,
NCSA,
OpenSSL,
PHP301,
PHP30,
PIL,
Python20,
Python20complete,
SGIB10,
SGIB11,
SGIB20,
UnicodeTOU,
W3C19980720,
W3C,
X11,
Xnet,
Zend20,
ZlibAcknowledgement,
Zlib,
ZPL11,
ZPL20,
ZPL21,
)

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// a copyright notice is not required for license compliance.
permissiveType = sets.NewStringSet()

// unencumbered - Licenses that basically declare that the code is "free for any use".
unencumberedType = sets.NewStringSet(
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Unlicense,
)

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// uses in combination with our source code. Commercial third-party
// packages that are purchased and licensed only for a specific use
// fall into this category.
byExceptionOnlyType = sets.NewStringSet(
Beerware,
)

// forbidden - Licenses that are forbidden to be used.
forbiddenType = sets.NewStringSet(
AGPL10,
AGPL30,
CCBYNC10,
CCBYNC20,
CCBYNC25,
CCBYNC30,
CCBYNC40,
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CCBYNCSA10,
CCBYNCSA20,
CCBYNCSA25,
CCBYNCSA30,
CCBYNCSA40,
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#
# Please keep the list sorted.

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Matt Kovars <akaskik@gmail.com>
rjan Persson <orjan@spotify.com>
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Rory Flynn <roryflynn@users.noreply.github.com>
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Shatrugna Sadhu <ssadhu@apcera.com>
Shawn Smith <shawnsmith@gmail.com>
Stas Maksimov <maksimov@gmail.com>
Tor Arvid Lund <torarvid@gmail.com>
Zac Bergquist <zbergquist99@gmail.com>

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Feb, 2010

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Gocheck - A rich testing framework for Go

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Protocol Buffers for Go with Gadgets

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

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import: ../../fossene/db/schema/thing.yml
fields:
  site: string
  author: root

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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``
}

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

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package github

import (  
"context"  
"fmt"
)

// LicensesService handles communication with the license related  
// methods of the GitHub API.  
// GitHub API docs: https://developer.github.com/v3/licenses/  
type LicensesService service

// RepositoryLicense represents the license for a repository.  
type RepositoryLicense struct {  
Name *string `json:"name,omitempty"`
Path *string `json:"path,omitempty"`  

SHA     *string `json:"sha,omitempty"`  
Size     *int  `json:"size,omitempty"`  
URL      *string `json:"url,omitempty"`  
HTMLURL  *string `json:"html_url,omitempty"`  
GitURL   *string `json:"git_url,omitempty"`  
DownloadURL *string `json:"download_url,omitempty"`  
Type     *string `json:"type,omitempty"`  
Content  *string `json:"content,omitempty"`  
Encoding *string `json:"encoding,omitempty"`  
License  *License `json:"license,omitempty"`  
}

func (l RepositoryLicense) String() string {
    return Stringify(l)
}

// License represents an open source license.
type License struct {
    Key  *string `json:"key,omitempty"`
    Name *string `json:"name,omitempty"`
    URL  *string `json:"url,omitempty"`
    SPDXID         *string   `json:"spdx_id,omitempty"`
    HTMLURL        *string   `json:"html_url,omitempty"`
    Featured       *bool     `json:"featured,omitempty"`
    Description    *string   `json:"description,omitempty"`
    Implementation *string   `json:"implementation,omitempty"`
    Permissions    *[]string `json:"permissions,omitempty"`
    Conditions     *[]string `json:"conditions,omitempty"`
    Limitations    *[]string `json:"limitations,omitempty"`
    Body           *string   `json:"body,omitempty"`
}

func (l License) String() string {
    return Stringify(l)
}

// List popular open source licenses.
//
// GitHub API docs: https://developer.github.com/v3/licenses/#list-all-licenses
func (s *LicensesService) List(ctx context.Context) (*[]License, *Response, error) {
    req, err := s.client.NewRequest("GET", "licenses", nil)
    if err != nil {
        return nil, nil, err
    }
var licenses []*License
resp, err := s.client.Do(ctx, req, &licenses)
if err != nil {
    return nil, resp, err
}

return licenses, resp, nil

// Get extended metadata for one license.
//
// GitHub API docs: https://developer.github.com/v3/licenses/#get-an-individual-license
func (s *LicensesService) Get(ctx context.Context, licenseName string) (*License, *Response, error) {
    u := fmt.Sprintf("licenses/%s", licenseName)
    req, err := s.client.NewRequest("GET", u, nil)
    if err != nil {
        return nil, nil, err
    }

    license := new(License)
    resp, err := s.client.Do(ctx, req, license)
    if err != nil {
        return nil, resp, err
    }

    return license, resp, nil
}

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1.473 sanitized-anchor-name 1.0.0

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1.474 libxdmcp 1.1.2-3

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1.475 go-humanize 1.0.0

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1.476 kubernetes-apimachinery 0.17.2

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1.477 crs-client 0.7.0

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Copyright FAQ

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1. I don't understand the resale restriction... What gives?

   Bitstream is giving away these fonts, but wishes to ensure its
   competitors can't just drop the fonts as is into a font sale system
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   from the Bitstream Vera fonts, their competitors should not be able to
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however.

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   Yes. A RPM or Debian package is a "larger software package" to begin
   with, and you aren't selling them independently by themselves.
   See 1. above.

3. Are derivative works allowed?

   Yes!

4. Can I change or add to the font(s)?

   Yes, but you must change the name(s) of the font(s).

5. Under what terms are derivative works allowed?

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   quality of the fonts, both to protect Bitstream and Gnome. We want to
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6. If I have improvements for Bitstream Vera, is it possible they might get
   adopted in future versions?

   Yes. The contract between the Gnome Foundation and Bitstream has
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   the Bitstream Vera font family. Please contact us if you have such
   additions. Note, that in general, we will want such additions for the
   entire family, not just a single font, and that you'll have to keep
   both Gnome and Jim Lyles, Vera's designer, happy! To make sense to add
   glyphs to the font, they must be stylistically in keeping with Vera's
   design. Vera cannot become a "ransom note" font. Jim Lyles will be
   providing a document describing the design elements used in Vera, as a
   guide and aid for people interested in contributing to Vera.
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<table>
<thead>
<tr>
<th>AS GIVEN IN EPSG DATASET</th>
<th>PERMITTED CHANGE FOR VENDORS/USERS TO ADOPT</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Change of ellipsoid defining parameters.</em></td>
<td></td>
</tr>
<tr>
<td>1a</td>
<td>Ellipsoid parameters a and b.</td>
</tr>
<tr>
<td>1b</td>
<td>Ellipsoid parameters a and 1/f.</td>
</tr>
<tr>
<td><em>Change of projection method</em></td>
<td></td>
</tr>
<tr>
<td>2a</td>
<td>Lambert Conic Conformal (1 SP) method with projection parameters O and kO.</td>
</tr>
<tr>
<td>2b</td>
<td>Lambert Conic Conformal (2 SP) method with projection parameters1 and 2.</td>
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<tr>
<td>3a</td>
<td>Mercator (variant A) method with projection parameters O and kO.</td>
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<td>3b</td>
<td>Mercator (variant B) method with projection parameter 1.</td>
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<tr>
<td>4a</td>
<td>Hotine Oblique Mercator (variant A) method with projection parameters FE and FN.</td>
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<tr>
<td>5a</td>
<td>Polar Stereographic (Variant A) method with projection parameters O and kO.</td>
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<td>5b</td>
<td>Polar Stereographic (Variant B) method with projection parameter F.</td>
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<tr>
<td>5c</td>
<td>Polar Stereographic (Variant A) method with projection parameters O, kO, FE and FN.</td>
</tr>
<tr>
<td>5d</td>
<td>Polar Stereographic (Variant C) method with projection parameters F, EF and NF.</td>
</tr>
<tr>
<td>5e</td>
<td>Polar Stereographic (Variant B) method with projection parameter FE and FN.</td>
</tr>
<tr>
<td>5f</td>
<td>Polar Stereographic (Variant C) method with projection parameters EF and NF.</td>
</tr>
</tbody>
</table>
B) method with projection parameter FE and FN. |
| Change of transformation method |
| 7 | Concatenated transformation using geocentric methods (Geocentric translations, Position Vector 7-parameter transformation, Coordinate Frame rotation). | Equivalent single geocentric transformation in which for each parameter the parameter values of the component steps have been summed. |
| 8 | NTv2 method grid file filename. | NTv2 method grid file relative storage path with file name including removal (if necessary) of special characters [spaces, parentheses, etc] which are replaced by underscore characters. |
| 9 | Parameter value. | Convert unit to another, for example from microradian to arc-second, using conversion factors obtained from the EPSG dataset Unit table. |

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* /opt/cola/permits/1258617672_1643096291.47/0/netty-transport-sctp-4-1-71-final-sources-jar/io/netty/channel/sctp/nio/package-info.java
* /opt/cola/permits/1258617672_1643096291.47/0/netty-transport-sctp-4-1-71-final-sources-jar/io/netty/channel/sctp/oio/OioSctpServerChannel.java

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* /opt/cola/permits/1258617672_1643096291.47/0/netty-transport-sctp-4-1-71-final-sources-jar/com/sun/nio/sctp/SctpServerChannel.java
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io.helidon.config.yaml.internal.YamlFileTypeDetector

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Protocol Buffers for Go with Gadgets

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man/bitstring.3bsd
man/errc.3bsd
man/explicit_bzero.3bsd
man/fgetln.3bsd
man/fgetwln.3bsd
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src/arc4random_uniform.c
src/arc4random_unix.h
src/closefrom.c
src/getentropy_aix.c
src/getentropy_bsd.c
src/getentropy_hpux.c
src/getentropy_hurd.c
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Implementation-Title: Netty/Resolver/DNS/Native/MacOS
Bundle-Description: Netty is an asynchronous event-driven network application framework for rapid development of maintainable high performance protocol servers and clients.
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Bundle-SymbolicName: io.netty.resolver-dns-native-macos
Implementation-Version: 4.1.71.Final
Built-By: norman
Bnd-LastModified: 1639060829690
Bundle-ManifestVersion: 2
Implementation-Vendor-Id: io.netty
Bundle-DocURL: https://netty.io/
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Import-Package: sun.nio.ch;resolution=optional,org.eclipse.jetty.npn;version="[1,2)",resolution=optional,org.eclipse.jetty.alpn;version="[1,2)",resolution=optional
Tool: Bnd-2.4.1.201501161923
Implementation-Vendor: The Netty Project
Bundle-Name: Netty/Resolver/DNS/Native/MacOS
Bundle-Version: 4.1.71.Final
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1.512 apk-tools 2.10.1-r0

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---------------------------------------------------------------------------

[zlib]

/* zlib.h -- interface of the 'zlib' general purpose compression library
 version 1.2.3, July 18th, 2005

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Jean-loup Gailly         Mark Adler
jloup@gzip.org          madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files http://www.ietf.org/rfc/rfc1950.txt (zlib format), rfc1951.txt (deflate format) and rfc1952.txt (gzip format).

---------------------------------------------------------------------------
[fp16]

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[edoc, syntax_tools]

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package github

import (
    "fmt"
    "net/http"
    "reflect"
    "testing"
)

func TestLicensesService_List(t *testing.T) {
    setup()
    defer teardown()

    mux.HandleFunc("/licenses", func(w http.ResponseWriter, r *http.Request) {
        testMethod(t, r, "GET")
    })
func TestLicensesService_Get(t *testing.T) {
    setup()
    defer teardown()

    mux.HandleFunc("/licenses/mit", func(w http.ResponseWriter, r *http.Request) {
        testMethod(t, r, "GET")
        testHeader(t, r, "Accept", mediaTypeLicensesPreview)
        fmt.Fprint(w, `("key":"mit","name":"MIT","url":"https://api.github.com/licenses/mit")`)})

    license, _, err := client.Licenses.Get("mit")
    if err != nil {
        t.Errorf("Licenses.Get returned error: %v", err)
    }
    want := &License{Key: String("mit").Name: String("MIT").URL: String("https://api.github.com/licenses/mit")}
    if !reflect.DeepEqual(license, want) {
        t.Errorf("Licenses.Get returned %+v, want %+v", license, want)
    }
}

func TestLicensesService_Get_invalidTemplate(t *testing.T) {
    _, _, err := client.Licenses.Get("%")
    testURLParseError(t, err)
}

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

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

fields:
  site: string

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package github

import "fmt"

// LicensesService handles communication with the license related
// methods of the GitHub API.

type LicensesService struct {
    client *Client
}

// License represents an open source license.
type License struct {
    Key  *string `json:"key",omitempty`
    Name *string `json:"name",omitempty`
    URL  *string `json:"url",omitempty`
    HTMLURL        *string   `json:"html_url",omitempty`
    Featured       *bool     `json:"featured",omitempty`
    Description    *string   `json:"description",omitempty`
    Category       *string   `json:"category",omitempty`
    Implementation *string   `json:"implementation",omitempty`
    Required       *[]string `json:"required",omitempty`
    Permitted      *[]string `json:"permitted",omitempty`

Forbidden *
[ ]string `json:"forbidden,omitempty"`

Body *
[ ]string `json:"body,omitempty"`

func (l License) String() string { return Stringify(l) }

// List popular open source licenses.
//
// GitHub API docs: https://developer.github.com/v3/licenses/#list-all-licenses
func (s *LicensesService) List() ([]License, *Response, error) {
    req, err := s.client.NewRequest("GET", "licenses", nil)
    if err != nil {
        return nil, nil, err
    }
    // TODO: remove custom Accept header when this API fully launches
    req.Header.Set("Accept", mediaTypeLicensesPreview)
    licenses := new([]License)
    resp, err := s.client.Do(req, licenses)
    if err != nil {
        return nil, resp, err
    }
    return *licenses, resp, err
}

// Fetch extended metadata for one license.
//
// GitHub API docs: https://developer.github.com/v3/licenses/#get-an-individual-license
func (s *LicensesService) Get(licenseName string) (*License, *Response, error) {
    u := fmt.Sprintf("licenses/%s", licenseName)
    req, err := s.client.NewRequest("GET", u, nil)
    if err != nil {
        return nil, nil, err
    }
    // TODO: remove custom Accept header when this API fully launches
    req.Header.Set("Accept", mediaTypeLicensesPreview)
    license := new(License)
    resp, err := s.client.Do(req, license)
    if err != nil {
        return nil, resp, err
    }
return license, resp, err
}

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DESCRIPTION:   GIS icon theme
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SITE:          http://robert.szczepanek.pl/

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<table>
<thead>
<tr>
<th>AS GIVEN IN EPSG DATASET</th>
<th>PERMITTED CHANGE FOR VENDORS/USERS TO ADOPT</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;Change of ellipsoid defining parameters.&quot;</td>
<td></td>
</tr>
<tr>
<td>1a</td>
<td>Ellipsoid parameters a and b.</td>
</tr>
</tbody>
</table>
1b | Ellipsoid parameters a and 1/f. | a and b; a and f; a and e; a and e^2. |
*Change of projection method* |||
2a | Lambert Conic Conformal (1 SP) method with projection parameters O and kO. | Lambert Conic Conformal (2 SP) method with projection parameters 1 and 2. |
2b | Lambert Conic Conformal (2 SP) method with projection parameters 1 and 2. | Lambert Conic Conformal (1 SP) method with projection parameters O and kO. |
3a | Mercator (variant A) method with projection parameters O and kO. | Mercator (variant B) method with projection parameter 1. |
3b | Mercator (variant B) method with projection parameter 1. | Mercator (variant A) method with projection parameters O and kO. |
4a | Hotine Oblique Mercator (variant A) method with projection parameters FE and FN. | Hotine Oblique Mercator (variant B) method with projection parameters EC and NC. |
4b | Hotine Oblique Mercator (variant B) method with projection parameters EC and NC. | Hotine Oblique Mercator (variant A) method with projection parameters FE and FN. |
5a | Polar Stereographic (Variant A) method with projection parameters O and kO. | Polar Stereographic (Variant B) method with projection parameter F. |
5b | Polar Stereographic (Variant B) method with projection parameter F. | Polar Stereographic (Variant A) method with projection parameters O and kO. |
5c | Polar Stereographic (Variant A) method with projection parameters O, kO, FE and FN. | Polar Stereographic (Variant C) method with projection parameters F, EF and NF. |
5d | Polar Stereographic (Variant C) method with projection parameters F, EF and NF. | Polar Stereographic (Variant A) method with projection parameters O, kO, FE and FN. |
5e | Polar Stereographic (Variant B) method with projection parameter FE and FN. | Polar Stereographic (Variant C) method with projection parameters EF and NF. |
5f | Polar Stereographic (Variant C) method with projection parameters EF and NF. | Polar Stereographic (Variant B) method with projection parameter FE and FN. |
5g | Polar Stereographic (Variant B) method with projection parameter FE and FN. | Polar Stereographic (Variant C) method with projection parameters EF and NF. |
7 | Concatenated transformation using geocentric methods (Geocentric translations, Position Vector 7-parameter transformation, Coordinate Frame rotation). | Equivalent single geocentric transformation in which for each parameter the parameter values of the component steps have been summed. |
*Change of units* |||
8 | NTv2 method grid file filename. | NTv2 method grid file relative storage path with file name including removal of special characters [spaces, parentheses, etc] which are replaced by underscore characters. |
9 | Parameter value. | Convert unit to another, for example from microradian to arc-second, using conversion factors obtained from the EPSG dataset Unit table. |

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

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

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

Section 6 states terms for distribution of such executables.

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

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

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

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That's all there is to it!
DRuntime: Runtime Library for the D Programming Language

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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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</thead>
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<tr>
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<td>lib/interception/mach_override</td>
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</table>

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

-------------------------------------------------------------------------
--
abstract: 'Build and install Perl modules'
author:
- 'Ken Williams <kwilliams@cpan.org>,'
- "Development questions, bug reports, and patches should be sent to the\n  Module-Build mailing list at <module-build@perl.org>,'"
built_requires:
  File::Temp: 0.15
  Test::Harness: 3.16
  Test::More: 0.49
generated_by: 'Module::Build version 0.3608'
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  version: 1.4
name: Module-Build
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The End

#!/perl

=head1 NAME

copyright.t

=head1 DESCRIPTION
Tests that the latest copyright years in the top-level README file and the C<perl -v> output match each other.

If the test fails, update at least one of README and perl.c so that they match reality.

Optionally you can pass the C<--now> option to check they are at the current year. This isn't checked by default, so that it doesn't fail for people working on older releases. It should be run before making a new release.

=cut

use strict;
use Config;
BEGIN { require './test.pl' }

if ( $Config{usecrosscompile} ) {
  skip_all( "Not all files are available during cross-compilation" );
}

my ($opt) = @ARGV;

my $readme_year = readme_year();
my $v_year = v_year();

# Check that both copyright dates are up-to-date, but only if requested, so
# that tests still pass for people intentionally working on older versions:
if ($opt eq '--now')
{
  my $current_year = (gmtime)[5] + 1900;
  is $v_year, $current_year, 'perl -v copyright includes current year';
  is $readme_year, $current_year, 'README copyright includes current year';
}

# Otherwise simply check that the two copyright dates match each other:
else
{
  is $readme_year, $v_year, 'README and perl -v copyright dates match';
}

done_testing;

sub readme_year
# returns the latest copyright year from the top-level README file
{
  open my $readme, '<', './README' or die "Opening README failed: $!";
  ...
# The copyright message is the first paragraph:
local $/ = ";
my $copyright_msg = <$readme>;

my ($year) = $copyright_msg =~ /.*(\d{4,})/s
   or die "Year not found in README copyright message '$copyright_msg';

$year;
}

sub v_year
# returns the latest copyright year shown in perl -v
{

my $output = runperl switches => ['-v'];
my ($year) = $output =~ /copyright 1987.*\b(\d{4,})/i
   or die "Copyright statement not found in perl -v output '$output';

$year;
}

1.531 libyaml 0.2.3
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1.532 urllib3 1.26.5

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# Contributions to the urllib3 project

## Creator & Maintainer

* Andrey Petrov <andrey.petrov@shazow.net>

## Contributors

In chronological order:

* victor.vde <http://code.google.com/u/victor.vde/>
  * HTTPS patch (which inspired HTTPSConnectionPool)

* erikcederstrand <http://code.google.com/u/erikcederstrand/>
  * NTLM-authenticated HTTPSConnectionPool
  * Basic-authenticated HTTPSConnectionPool (merged into make_headers)

* niphlod <niphlod@gmail.com>
  * Client-verified SSL certificates for HTTPSConnectionPool
  * Response gzip and deflate encoding support
  * Better unicode support for filepost using StringIO buffers

* btoconnor <brian@btoconnor.net>
  * Non-multipart encoding for POST requests
* p.dobrogost <http://code.google.com/u/@WBRSRiBZDhBFxQb6/>
  * Code review, PEP8 compliance, benchmark fix

* kennethreitz <me@kennethreitz.com>
  * Bugfixes, suggestions, Requests integration

* georgemarshall <https://github.com/georgemarshall>
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* brandon-rhodes <http://rhodesmill.org/brandon>
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  * IPv6 url support and test coverage

* Shivaram Lingamneni <slingamn@cs.stanford.edu>
  * Support for explicitly closing pooled connections

* hartator <hartator@gmail.com>
  * Corrected multipart behavior for params

* Thomas Weischuh <thomas@t-8ch.de>
  * Support for TLS SNI
  * API unification of ssl_version/cert_reqs
  * SSL fingerprint and alternative hostname verification
  * Bugfixes in testsuite

* Sune Kirkeby <mig@ibofobi.dk>
  * Optional SNI-support for Python 2 via PyOpenSSL.

* Marc Schlaich <marc.schlaich@gmail.com>
  * Various bugfixes and test improvements.

* Bryce Boe <bbzbryce@gmail.com>
  * Correct six.moves conflict
  * Fixed pickle support of some exceptions

* Boris Figovsky <boris.figovsky@ravellosystems.com>
  * Allowed to skip SSL hostname verification

* Cory Benfield <https://lukasa.co.uk/about/>
  * Stream method for Response objects.
  * Return native strings in header values.
  * Generate 'Host' header when using proxies.
* Jason Robinson <jaywink@basshero.org>
  * Add missing WrappedSocket.fileno method in PyOpenSSL

* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  * Fixed a race condition

* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  * Added HTTPS (CONNECT) proxy support

* Stephen Holsapple <sholsapp@gmail.com>
  * Added abstraction for granular control of request fields

* Martin von Gagern <Martin.vGagern@gmx.net>
  * Support for non-ASCII header parameters

* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  * Support for separate connect and request timeouts

* Peter Waller <p@pwaller.net>
  * HTTPResponse.tell() for determining amount received over the wire

* Nipunn Koorapati <nipunn1313@gmail.com>
  * Ignore default ports when comparing hosts for equality

* Danilo @dbrgn <https://dbrgn.ch/>
  * Disabled TLS compression by default on Python 3.2+
  * Disabled TLS compression in pyopenssl contrib module
  * Configurable cipher suites in pyopenssl contrib module

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
  * Account retries on proxy errors

* Nicolas Delaby <nicolas.delaby@ezeep.com>
  * Use the platform-specific CA certificate locations

* Josh Schneier <https://github.com/jschneier>
  * HTTPHeaderDict and associated tests and docs
  * Bugfixes, docs, test coverage

* Tahia Khan <http://tahia.tk/>
  * Added Timeout examples in docs

* Arthur Grunseid <https://grunseid.com>
  * source_address support and tests (with https://github.com/bui)

* Ian Cordasco <graffatcolmingov@gmail.com>
  * PEP8 Compliance and Linting
  * Add ability to pass socket options to an HTTP Connection
* Erik Tollerud <erik.tollerud@gmail.com>
  * Support for standard library io module.

* Krishna Prasad <kprasad.iitd@gmail.com>
  * Google App Engine documentation

* Aaron Meurer <asmeurer@gmail.com>
  * Added Url.url, which unparses a Url

* Evgeny Kapun <abacababadacaba@gmail.com>
  * Bugfixes

* Benjamen Meyer <bm_witness@yahoo.com>
  * Security Warning Documentation update for proper capture

* Shivan Sornarajah <github@sornars.com>
  * Support for using ConnectionPool and PoolManager as context managers.

* Alex Gaynor <alex.gaynor@gmail.com>
  * Updates to the default SSL configuration

* Tomas Tomecek <ttomecek@redhat.com>
  * Implemented generator for getting chunks from chunked responses.

* tlynn <https://github.com/tlynn>
  * Respect the warning preferences at import.

* David D. Riddle <ddriddle@illinois.edu>
  * IPv6 bugfixes in testsuite

* Thea Flowers <magicalgirl@google.com>
  * App Engine environment tests.
  * Documentation re-write.

* John Krauss <https://github.com/talos>
  * Clues to debugging problems with `cryptography` dependency in docs

* Disassem <https://github.com/Disassem>
  * Fix pool-default headers not applying for url-encoded requests like GET.

* James Atherfold <jlatherfold@hotmail.com>
  * Bugfixes relating to cleanup of connections during errors.

* Christian Pedersen <https://github.com/chripede>
  * IPv6 HTTPS proxy bugfix

* Jordan Moldow <https://github.com/jmoldow>
* Fix low-level exceptions leaking from `HTTPResponse.stream()`.
* Bugfix for `ConnectionPool.urlopen(release_conn=False)`.
* Creation of `HTTPConnectionPool.ResponseCls`.

* Predrag Gruevski <https://github.com/obi1kenobi>
  * Made cert digest comparison use a constant-time algorithm.

* Adam Talsma <https://github.com/a-tal>
  * Bugfix to ca_cert file paths.

* Evan Meagher <https://evanneagher.net>
  * Bugfix related to `memoryview` usage in PyOpenSSL adapter

* John Vandenbergen <jayvdb@gmail.com>
  * Python 2.6 fixes; pyflakes and pep8 compliance

* Andy Caldwell <andy.m.caldwell@googlemail.com>
  * Bugfix related to reusing connections in indeterminate states.

* Ville Skytt <ville.skytta@iki.fi>
  * Logging efficiency improvements, spelling fixes, Travis config.

* Shige Takeda <smtakeda@gmail.com>
  * Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response

* Jess Shapiro <jesse@jesseshapiro.net>
  * Various character-encoding fixes/tweaks
  * Disabling IPv6 DNS when IPv6 connections not supported

* David Foster <http://dafoster.net/>
  * Ensure order of request and response headers are preserved.

* Jeremy Cline <jeremy@jcline.org>
  * Added connection pool keys by scheme

* Aviv Palivoda <palaviv@gmail.com>
  * History list to Retry object.
  * HTTPResponse contains the last Retry object.

* Nate Prewitt <nate.prewitt@gmail.com>
  * Ensure timeouts are not booleans and greater than zero.
  * Fixed infinite loop in `stream` when amt=None.
  * Added `length_remaining` to determine remaining data to be read.
  * Added `enforce_content_length` to raise exception when incorrect content-length received.

* Seth Michael Larson <sethmichaellarson@protonmail.com>
  * Created selectors backport that supports PEP 475.
* Alexandre Dias <alex.dias@smarkets.com>
  * Don't retry on timeout if method not in whitelist

* Moinuddin Quadri <moin18@gmail.com>
  * Lazily load idna package

* Tom White <s6yg1ez3@mail2tor.com>
  * Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.

* Tim Burke <tim.burke@gmail.com>
  * Stop buffering entire deflate-encoded responses.

* Tuukka Mustonen <tuukka.mustonen@gmail.com>
  * Add counter for status_forcelist retries.

* Erik Rose <erik@mozilla.com>
  * Bugfix to pyopenssl vending

* Wolfgang Richter <wolfgang.richter@gmail.com>
  * Bugfix related to loading full certificate chains with PyOpenSSL backend.

* Mike Miller <github@mikeage.net>
  * Logging improvements to include the HTTP(S) port when opening a new connection

* Ioannis Tziakos <mail@itziakos.gr>
  * Fix `util.selectors._fileobj_to_fd` to accept `"long"`.
  * Update appveyor tox setup to use the 64bit python.

* Akamai (through Jess Shapiro) <jshapiro@akamai.com>
  * Ongoing maintenance; 2017-2018

* Dominique Leuenberger <dimstar@opensuse.org>
  * Minor fixes in the test suite

* Will Bond <will@wbond.net>
  * Add Python 2.6 support to `"contrib.securetransport`.

* Aleksei Alekseev <alekseev.yeskela@gmail.com>
  * using auth info for socks proxy

* Chris Wilcox <git@crwilcox.com>
  * Improve contribution guide
  * Add `"HTTPResponse.geturl"` method to provide `"urllib2.urlopen().geturl()"` behavior

* Bruce Merry <https://www.brucemerry.org.za>
  * Fix leaking exceptions when system calls are interrupted with zero timeout

* Hugo van Kemenade <https://github.com/hugovk>
* Drop support for EOL Python 2.6

* Tim Bell <https://github.com/timb07>
* Bugfix for responses with Content-Type: message/* logging warnings

* Justin Bramley <https://github.com/jbramleycl>
* Add ability to handle multiple Content-Encodings

* Katsuhiko YOSHIDA <https://github.com/kyoshidajp>
* Remove Authorization header regardless of case when redirecting to cross-site

* James Meickle <https://permadeath.com/>
* Improve handling of Retry-After header

* Chris Jerdonek <chris.jerdonek@gmail.com>
* Remove a spurious TypeError from the exception chain inside HTTPConnectionPool._make_request(), also for BaseExceptions.

* Jorge Lopez Silva <https://github.com/jalopezsilva>
* Added support for forwarding requests through HTTPS proxies.

* Benno Rice <benno@jeamland.net>
* Allow cadata parameter to be passed to underlying ```SSLContext.load_verify_locations()``.`

* Keiichi Kobayashi <abok.1k@gmail.com>
* Rename VerifiedHTTPSConnection to HTTPSConnection

* Himanshu Garg <garg_himanshu@outlook.com>
* DOC & LICENSE Update

* Hod Bin Noon <bin.noon.hod@gmail.com>
* Test improvements

* Chris Olufson <tycarac@gmail.com>
* Fix for connection not being released on HTTP redirect and response not preloaded

* [Bastiaan Bakker] <https://github.com/bastaianb>
* Support for logging session keys via environment variable ```SSLKEYLOGFILE``` (Python 3.8+)

* [Ezzeri Esa] <https://github.com/savarin>
* Ports and extends on types from typeshed

* [Your name or handle] <[email or website]>
* [Brief summary of your changes]

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1.533 nettle 3.4-1

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The implementation of the AES cipher (also known as rijndael) is written by Rafael Sevilla. Assembler for x86 by Rafael Sevilla and Niels Mller. Released under the LGPL.

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CAMELLIA
The C implementation is by Nippon Telegraph and Telephone Corporation (NTT), heavily modified by Niels Mller. Assembler for x86 and x86_64 by Niels Mller. Released under the LGPL.

CAST128
The implementation of the CAST128 cipher is written by Steve Reid. Released into the public domain.

DES
The implementation of the DES cipher is written by Dana L. How, and released under the LGPL.

MD2
The implementation of MD2 is written by Andrew Kuchling, and hacked some by Andreas Sigfridsson and Niels Mller. Python Cryptography Toolkit license (essentially public domain).

MD4
This is almost the same code as for MD5 below, with modifications by Marcus Comstedt. Released into the public domain.

MD5
The implementation of the MD5 message digest is written by Colin Plumb. It has been hacked some more by Andrew Kuchling and Niels Mller. Released into the public domain.

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SHA1
The C implementation of the SHA1 message digest is written by Peter Gutmann, and hacked some more by Andrew Kuchling and Niels Mller.
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SHA224, SHA256, SHA384, and SHA512
Written by Niels Miller, using Peter Gutmann's SHA1 code as a model. Released under the LGPL.

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The implementation of the TWOOFISH cipher is written by Ruud de Rooij. Released under the LGPL.

RSA
Written by Niels Miller, released under the LGPL. Uses the GMP library for bignum operations.

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The End

1.535 go-runtime 1.16.5

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1.536 shadow 4.5 1ubuntu2

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1.537 openssl 1.0.2n-1ubuntu5.6

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* /opt/cola/permits/1257332954_1642801959.04/0/mifmif-generex-1-0-2-0-ge910243-tar-gz/mifmif-Generex-e910243/src/main/java/com/mifmif/common/regex/GenerexIterator.java
* /opt/cola/permits/1257332954_1642801959.04/0/mifmif-generex-1-0-2-0-ge910243-tar-gz/mifmif-Generex-e910243/src/main/java/com/mifmif/common/regex/util/Iterator.java
* /opt/cola/permits/1257332954_1642801959.04/0/mifmif-generex-1-0-2-0-ge910243-tar-gz/mifmif-Generex-e910243/src/main/java/com/mifmif/common/regex/Node.java
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* /opt/cola/permits/1257332954_1642801959.04/0/mifmif-generex-1-0-2-0-ge910243-tar-gz/mifmif-Generex-e910243/src/main/java/com/mifmif/common/regex/Generex.java

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  */opt/cola/permits/1257332954_1642801959.04/0/mifmif-generex-1-0-2-0-ge910243-tar-gz/mifmif-Generex-e910243/src/test/java/com/mifmif/common/regex/GenerexUnitTest.java

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  <modelVersion>4.0.0</modelVersion>
  <groupId>com.github.mifmif</groupId>
  <artifactId>generex</artifactId>
  <version>1.0.2</version>
  <name>Generex</name>
  <url>https://github.com/mifmif/Generex/tree/master</url>
  <description>Generex A Java Library for regex to Strings generation</description>
  <packaging>jar</packaging>
  <licenses>
    <license>
      <name>The Apache Software License, Version 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
  <developers>
    <developer>
      <id>mifmif</id>
      <name>MIFRAH Youssef</name>
      <email>mifmif.com@gmail.com</email>
    </developer>
    <developer>
      <id>mkolisnyk</id>
      <name>mkolisnyk</name>
      <email>kolesnik.nickolay@gmail.com</email>
    </developer>
  </developers>
</project>
<developers/>

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  <groupId>org.sonatype.oss</groupId>
  <artifactId>oss-parent</artifactId>
  <version>7</version>
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  <maven.pmd.excludes>**/generated-sources/**</maven.pmd.excludes>
</properties>

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  <connection>scm:git:git@github.com:mifmif/Generex.git</connection>
  <developerConnection>scm:git:git@github.com:mifmif/Generex.git</developerConnection>
  <url>https://github.com/mifmif/Generex.git</url>
</scm>

<ciManagement>
  <url>https://travis-ci.org/mifmif/Generex/builds</url>
  <system>Travis</system>
  <notifiers>
    <notifier>
      <address>mifmif.com@gmail.com</address>
      <type>mail</type>
    </notifier>
    <notifier>
      <address>kolesnik.nickolay@gmail.com</address>
      <type>mail</type>
    </notifier>
  </notifiers>
</ciManagement>

<distributionManagement>
  <snapshotRepository>
    <id>ossrh</id>
    <url>https://oss.sonatype.org/content/repositories/snapshots</url>
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  <repository>
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  </repository>
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  <testSourceDirectory>src/test/java</testSourceDirectory>
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  <directory>src</directory>
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    <exclude>**/*.java</exclude>
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</resource>

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  <directory>target/dependency</directory>
  <excludes>
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  <directory>src/main/resources</directory>
  <includes>
    <include>**/*.properties</include>
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      <groupId>${project.groupId}</groupId>
      <artifactId>${project.artifactId}</artifactId>
      <version>${project.version}</version>
      <packaging>maven-plugin</packaging>
    </configuration>
  </plugin>
  <plugin>
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    <configuration>
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    <artifactId>maven-jar-plugin</artifactId>
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<exclude>junit/**/*</exclude>
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<exclude>org/codehaus/**/*</exclude>
<exclude>org/hamcrest/**/*</exclude>
<exclude>org/jbehave/**/*</exclude>
<exclude>org/junit/**/*</exclude>
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<addDefaultSpecificationEntries>true</addDefaultSpecificationEntries>
<addExtensions>false</addExtensions>
<classpathLayoutType>simple</classpathLayoutType>
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</archive>

</configuration>
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<artifactId>nexus-staging-maven-plugin</artifactId>
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<artifactId>maven-pmd-plugin</artifactId>
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</excludeRoots>
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</instrumentation>
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<exclude>**/HelpMojo.class</exclude>
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<dependency>
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<version>2.0.0.0</version>
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</dependency>
</dependencies>
</project>

Found in path(s):
* /opt/cola/permits/1257332954_1642801959.04/0/mifmif-generex-1-0-2-0-ge910243-tar-gz/mifmif-Generex-e910243/pom.xml
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Found in path(s):
* /opt/cola/permits/1257332954_1642801959.04/0/mifmif-generex-1-0-2-0-ge910243-tar-gz/mifmif-Generex-e910243/README.md
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* /opt/cola/permits/1257332954_1642801959.04/0/mifmif-generex-1-0-2-0-ge910243-tar-gz/mifmif-Generex-e910243/src/test/java/com/mifmif/common/regex/GenerexIteratorUnitTest.java

1.543 jffi 1.2.10
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1.545 file 5.32-2ubuntu0.4

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1.546 util-linux 2.31.1 0.4ubuntu3.7

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 */

package java.security;

import java.io.Serializable;

/**
 * Legacy security code; do not use.
 */

public abstract class Permission implements Guard, Serializable {

public Permission(String name) {
}

public final String getName() { return null; }

public void checkGuard(Object obj) throws SecurityException {
}

public PermissionCollection newPermissionCollection() {
    return new AllPermissionCollection();
}

public abstract String getActions();

public abstract boolean implies(Permission permission);

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tab size: 8 (not used)
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created on: 2005jan16
created by: Markus W. Scherer

Low-level Unicode bidi/shaping properties access.
Java port of ubidi_props.h/c.

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-->
<code>Replaceable</code> is an interface representing a string of characters that supports the replacement of a range of itself with a new string of characters. It is used by APIs that change a piece of text while retaining metadata. Metadata is data other than the Unicode characters returned by char32At(). One example of metadata is style attributes; another is an edit history, marking each character with an author and revision number.

An implicit aspect of the <code>Replaceable</code> API is that during a replace operation, new characters take on the metadata of the old characters. For example, if the string "the <b>bold</b> font" has range (4, 8) replaced with "strong", then it becomes "the <b>strong</b> font".

<code>Replaceable</code> specifies ranges using a start offset and a limit offset. The range of characters thus specified includes the characters at offset start..limit-1. That is, the start offset is inclusive, and the limit offset is exclusive.

<code>Replaceable</code> also includes API to access characters in the string: <code>length()</code>, <code>charAt()</code>, <code>char32At()</code>, and <code>extractBetween()</code>.

For a subclass to support metadata, typical behavior of <code>replace()</code> is the following:

<ul>
  <li>Set the metadata of the new text to the metadata of the first character replaced</li>
  <li>If no characters are replaced, use the metadata of the previous character</li>
  <li>If there is no previous character (i.e. start == 0), use the following characters</li>
  <li>If there is no following character (i.e. the replaceable was empty), use default metadata</li>
  <li>If the code point U+FFFF is seen, it should be interpreted as a special marker having no metadata</li>
</ul>

If this is not the behavior, the subclass should document any differences.

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<code>ReplaceableString</code> is an adapter class that implements the
<code>Replaceable</code> API around an ordinary <code>StringBuffer</code>.

<p>Note: This class does not support attributes and is not intended for general use. Most clients will need to implement
 {@link Replaceable} in their text representation class.</p>

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@see Replaceable
@author Alan Liu
@stable ICU 2.0

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### 1.560 go-runtime 1.12.1

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1.561 urllib3 1.26.4
1.561.1 Available under license:

# Contributions to the urllib3 project

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## Contributors

In chronological order:

* victor.vde <http://code.google.com/u/victor.vde/>
  * HTTPS patch (which inspired HTTPSConnectionPool)

* erikcederstrand <http://code.google.com/u/erikcederstrand/>
  * NTLM-authenticated HTTPSConnectionPool
  * Basic-authenticated HTTPSConnectionPool (merged into make_headers)

* niphlod <niphlod@gmail.com>
  * Client-verified SSL certificates for HTTPSConnectionPool
  * Response gzip and deflate encoding support
  * Better unicode support for filepost using StringIO buffers

* btoconnor <brian@btoconnor.net>
  * Non-multipart encoding for POST requests

* p.dobrogost <http://code.google.com/u/@WBRSRIBZDhBFXQB6/>
  * Code review, PEP8 compliance, benchmark fix

* kennethreitz <me@kennethreitz.com>
  * Bugfixes, suggestions, Requests integration

* georgemarshall <https://github.com/georgemarshall>
  * Bugfixes, Improvements and Test coverage

* Thomas Kluyver <thomas@kluyver.me.uk>
  * Python 3 support

* brandon-rhodes <http://rhodesmill.org/brandon>
  * Design review, bugfixes, test coverage.
* studer <theo.studer@gmail.com>
  * IPv6 url support and test coverage

* Shivaram Lingamneni <slingamn@cs.stanford.edu>
  * Support for explicitly closing pooled connections

* hartator <hartator@gmail.com>
  * Corrected multipart behavior for params

* Thomas Weischuh <thomas@t-8ch.de>
  * Support for TLS SNI
  * API unification of ssl_version/cert_reqs
  * SSL fingerprint and alternative hostname verification
  * Bugfixes in testsuite

* Sune Kirkeby <mig@ibofo.dk>
  * Optional SNI-support for Python 2 via PyOpenSSL.

* Marc Schlaich <marc.schlaich@gmail.com>
  * Various bugfixes and test improvements.

* Bryce Boe <bbzbryce@gmail.com>
  * Correct six.moves conflict
  * Fixed pickle support of some exceptions

* Boris Figovsky <boris.figovsky@ravellosystems.com>
  * Allowed to skip SSL hostname verification

* Cory Benfield <https://lukasa.co.uk/about/>
  * Stream method for Response objects.
  * Return native strings in header values.
  * Generate 'Host' header when using proxies.

* Jason Robinson <jaywink@basshero.org>
  * Add missing WrappedSocket.fileno method in PyOpenSSL

* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  * Fixed a race condition

* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  * Added HTTPS (CONNECT) proxy support

* Stephen Holsapple <sholsapp@gmail.com>
  * Added abstraction for granular control of request fields

* Martin von Gagern <Martin.vGagern@gmx.net>
  * Support for non-ASCII header parameters
* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  * Support for separate connect and request timeouts

* Peter Waller <p@pwaller.net>
  * HTTPResponse.tell() for determining amount received over the wire

* Nipunn Koorapati <nipunn1313@gmail.com>
  * Ignore default ports when comparing hosts for equality

* Danilo @dbrgn <https://dbrgn.ch/>
  * Disabled TLS compression by default on Python 3.2+
  * Disabled TLS compression in pyopenssl contrib module
  * Configurable cipher suites in pyopenssl contrib module

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
  * Account retries on proxy errors

* Nicolas Delaby <nicolas.delaby@ezeep.com>
  * Use the platform-specific CA certificate locations

* Josh Schneier <https://github.com/jschneier>
  * HTTPHeaderDict and associated tests and docs
  * Bugfixes, docs, test coverage

* Tahia Khan <http://tahia.tk/>
  * Added Timeout examples in docs

* Arthur Grunseid <https://grunseid.com>
  * source_address support and tests (with https://github.com/bui)

* Ian Cordasco <graffatcolmingov@gmail.com>
  * PEP8 Compliance and Linting
  * Add ability to pass socket options to an HTTP Connection

* Erik Tollerud <erik.tollerud@gmail.com>
  * Support for standard library io module.

* Krishna Prasad <kprasad.iitd@gmail.com>
  * Google App Engine documentation

* Aaron Meurer <asmeurer@gmail.com>
  * Added Url.url, which unparses a Url

* Evgeny Kapun <abacababadacaba@gmail.com>
  * Bugfixes

* Benjamen Meyer <bm_witness@yahoo.com>
  * Security Warning Documentation update for proper capture
* Shivan Sornarajah <github@sornars.com>
  * Support for using ConnectionPool and PoolManager as context managers.

* Alex Gaynor <alex.gaynor@gmail.com>
  * Updates to the default SSL configuration

* Tomas Tomecek <ttomecek@redhat.com>
  * Implemented generator for getting chunks from chunked responses.

* tlynn <https://github.com/tlynn>
  * Respect the warning preferences at import.

* David D. Riddle <ddriddle@illinois.edu>
  * IPv6 bugfixes in testsuite

* Thea Flowers <magicalgirl@google.com>
  * App Engine environment tests.
  * Documentation re-write.

* John Krauss <https://github.com/talos>
  * Clues to debugging problems with `cryptography` dependency in docs

* Disassem <https://github.com/Disassem>
  * Fix pool-default headers not applying for url-encoded requests like GET.

* James Atherfold <jlatherfold@hotmail.com>
  * Bugfixes relating to cleanup of connections during errors.

* Christian Pedersen <https://github.com/chripede>
  * IPv6 HTTPS proxy bugfix

* Jordan Moldow <https://github.com/jmoldow>
  * Fix low-level exceptions leaking from ```HTTPResponse.stream()```
  * Bugfix for ```ConnectionPool.urlopen(release_conn=False)```
  * Creation of ```HTTPConnectionPool.ResponseCls```

* Predrag Gruevski <https://github.com/obi1kenobi>
  * Made cert digest comparison use a constant-time algorithm.

* Adam Talsma <https://github.com/a-tal>
  * Bugfix to ca_cert file paths.

* Evan Meagher <https://evanmeagher.net>
  * Bugfix related to `memoryview` usage in PyOpenSSL adapter

* John Vandenberg <jayvdb@gmail.com>
  * Python 2.6 fixes; pyflakes and pep8 compliance
* Andy Caldwell <andy.m.caldwell@googlemail.com>
  * Bugfix related to reusing connections in indeterminate states.

* Ville Skytt <ville.skytta@iki.fi>
  * Logging efficiency improvements, spelling fixes, Travis config.

* Shige Takeda <smtakeda@gmail.com>
  * Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response

* Jess Shapiro <jesse@jesseshapiro.net>
  * Various character-encoding fixes/tweaks
  * Disabling IPv6 DNS when IPv6 connections not supported

* David Foster <http://dafoster.net/>
  * Ensure order of request and response headers are preserved.

* Jeremy Cline <jeremy@jcline.org>
  * Added connection pool keys by scheme

* Aviv Palivoda <palaviv@gmail.com>
  * History list to Retry object.
  * HTTPResponse contains the last Retry object.

* Nate Prewitt <nate.prewitt@gmail.com>
  * Ensure timeouts are not booleans and greater than zero.
  * Fixed infinite loop in `stream` when amt=None.
  * Added length_remaining to determine remaining data to be read.
  * Added enforce_content_length to raise exception when incorrect content-length received.

* Seth Michael Larson <sethmichaellarson@protonmail.com>
  * Created selectors backport that supports PEP 475.

* Alexandre Dias <alex.dias@smarkets.com>
  * Don't retry on timeout if method not in whitelist

* Moinuddin Quadri <moin18@gmail.com>
  * Lazily load idna package

* Tom White <s6y1ez3@mail2tor.com>
  * Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.

* Tim Burke <tim.burke@gmail.com>
  * Stop buffering entire deflate-encoded responses.

* Tuukka Mustonen <tuukka.mustonen@gmail.com>
  * Add counter for status_forcelist retries.
* Erik Rose <erik@mozilla.com>
  * Bugfix to pyopenssl vendoring

* Wolfgang Richter <wolfgang.richter@gmail.com>
  * Bugfix related to loading full certificate chains with PyOpenSSL backend.

* Mike Miller <github@mikeage.net>
  * Logging improvements to include the HTTP(S) port when opening a new connection

* Ioannis Tziakos <mail@itziakos.gr>
  * Fix ``util.selectors._fileobj_to_fd`` to accept ``long``.
  * Update appveyor tox setup to use the 64bit python.

* Akamai (through Jess Shapiro) <jshapiro@akamai.com>
  * Ongoing maintenance; 2017-2018

* Dominique Leuenberger <dimstar@opensuse.org>
  * Minor fixes in the test suite

* Will Bond <will@wbond.net>
  * Add Python 2.6 support to ``contrib.securetransport``

* Aleksei Alekseev <alekseev.yeskela@gmail.com>
  * using auth info for socks proxy

* Chris Wilcox <git@crwilcox.com>
  * Improve contribution guide
  * Add ``HTTPResponse.geturl`` method to provide ``urllib2.urlopen().geturl()`` behavior

* Bruce Merry <https://www.brucemerry.org.za>
  * Fix leaking exceptions when system calls are interrupted with zero timeout

* Hugo van Kemenade <https://github.com/hugovk>
  * Drop support for EOL Python 2.6

* Tim Bell <https://github.com/timb07>
  * Bugfix for responses with Content-Type: message/* logging warnings

* Justin Bramley <https://github.com/jbramleycl>
  * Add ability to handle multiple Content-Encodings

* Katsuhiko YOSHIDA <https://github.com/kyoshidajp>
  * Remove Authorization header regardless of case when redirecting to cross-site

* James Meickle <https://permadeath.com/>  
  * Improve handling of Retry-After header

* Chris Jerdonek <chris.jerdonek@gmail.com>
* Remove a spurious TypeError from the exception chain inside
  HTTPConnectionPool._make_request(), also for BaseExceptions.

* Jorge Lopez Silva <https://github.com/jalopezsilva>
  * Added support for forwarding requests through HTTPS proxies.

* Benno Rice <benno@jeamland.net>
  * Allow cadata parameter to be passed to underlying ``SSLContext.load_verify_locations()``.

* Keiichi Kobayashi <abok.1k@gmail.com>
  * Rename VerifiedHTTPSConnection to HTTPSConnection

* Himanshu Garg <garg_himanshu@outlook.com>
  * DOC & LICENSE Update

* Hod Bin Noon <bin.noon.hod@gmail.com>
  * Test improvements

* Chris Olufson <tycarac@gmail.com>
  * Fix for connection not being released on HTTP redirect and response not preloaded

* [Bastiaan Bakker] <https://github.com/bastiaanb>
  * Support for logging session keys via environment variable ``SSLKEYLOGFILE`` (Python 3.8+)

* [Ezzeri Esa] <https://github.com/savarin>
  * Ports and extends on types from typeshed

* [Your name or handle] <[email or website]>
  * [Brief summary of your changes]

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1.562 failureaccess 1.0.1

1.563 libuv 1.16.1

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 */

#endif UV_BSD_H
#define UV_BSD_H
#define UV_PLATFORM_FS_EVENT_FIELDS
uv__io_t eventWatcher;
#define UV_IO_PRIVATE_PLATFORM_FIELDS
int rcount;
int wcount;

#define UV_HAVE_KQUEUE 1

#endif /* UV_BSD_H */

Files: *

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Files: getopt.c

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1.564 tacacs-plus 2.6

1.564.1 Available under license:

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1.565 spring-boot-starter-websocket

2.1.10.RELEASE

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<name>Apache License, Version 2.0</name>

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* /opt/cola/permits/1157661076_1619616475.8/0/spring-boot-starter-websocket-2-1-10-release-sources-1-
jarMETA-INF/maven/org.springframework.boot/spring-boot-starter-websocket/pom.xml

1.566 simpleclient-common 0.9.0

1.566.1 Available under license :
Apache-2.0

1.567 netty 4.1.71.Final

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Manifest-Version: 1.0
Implementation-Title: Netty/Example
Bundle-Description: Netty is an asynchronous event-driven network appl
ication framework for rapid development of maintainable high perfor-
mance protocol servers and clients.
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Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"

Tool: Bnd-2.4.1.201501161923

Implementation-Vendor: The Netty Project

Open Source Used In Intelligent Node Manager 3.X 3.3.0 10253


Bundle-Name: Netty/Example
Bundle-Version: 4.1.71.Final
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_312
Implementation-URL: https://netty.io/netty-example/

Found in path(s):
* /opt/cola/permits/1258617716_1643106458.52/0/netty-example-4-1-71-final-jar/META-INF/MANIFEST.MF
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Found in path(s):
* /opt/cola/permits/1258617716_1643106458.52/0/netty-example-4-1-71-final-jar/META-INF/maven/io.netty/netty-example/pom.xml

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/*
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* /opt/cola/permits/1258617716_1643106458.52/0/netty-example-4-1-71-final-jar/io/netty/example/stomp/websocket/stomp.js

1.568 jctools-core 3.1.0
1.568.1 Available under license :

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* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-
  jar/org/jctools/queues/spec/Ordering.java
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* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscUnboundedXaddChunk.java
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<artifactId>maven-bundle-plugin</artifactId>
<version>4.2.1</version>
<extensions>true</extensions>
<configuration>
</plugins>
</build>
<maven.compiler.testTarget>${java.test.version}</maven.compiler.testTarget>

<hamcrest.version>1.3</hamcrest.version>
<junit.version>4.12</junit.version>
<guava-testlib.version>21.0</guava-testlib.version>
</properties>
</project>

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1093815924_1601014602.33/0/jctools-core-3-1-0-sources-jar/META-INF/maven/org.jctools/jctools-core/pom.xml

1.569 gotenv 1.2.0
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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 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
        }
    })
}

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// limitations under the License.
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)
}

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Gocheck - A rich testing framework for Go

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-----------------------------------------------------------------------------------
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1.579 snowball-stemmer 1.3.0.581.1

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Found in path(s):
* /opt/cola/permits/1136800001_1613902658.36/0/rholder-snowball-stemmer-v1-3-0-581-1-0-ge571676-1-tar-gz/rholder-snowball-stemmer-c4996c7/build.gradle
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##What is this?
This is a repackaging of a version of the snowball-stemmer found at http://snowball.tartarus.org/ so that it's available on Maven Central.

##Maven
```xml
<dependency>
  <groupId>com.github.rholder</groupId>
  <artifactId>snowball-stemmer</artifactId>
  <version>1.3.0.581.1</version>
</dependency>
```

##Gradle
```groovy
compile "com.github.rholder:snowball-stemmer:1.3.0.581.1"
```
## Versioning
In the absence of tags, branches, or releases in the original project SVN repository to call out a version, let's go with what [PyStemmer](https://pypi.python.org/pypi/PyStemmer) is currently using and tack on the SVN revision number at the end followed by my patch revision number (to fix anything weird that I introduce). For the initial version, we'll use 1.3.0.581.1.

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This is a copy of the details about the license from [here](http://snowball.tartarus.org/license.php):

```markdown
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```

## References
* http://snowball.tartarus.org
* https://github.com/snowballstem

Found in path(s):
* /opt/cola/permits/1136800001_1613902658.36/0/rholder-snowball-stemmer-v1-3-0-581-1-0-ge571676-1-targz/rholder-snowball-stemmer-c4996c7/README.md

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### 1.580 commons-collections 3.2.2

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1.584 jackson-module-afterburner 2.9.10

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1.587 springfox-spi 2.6.1

1.588 kubernetes-apimachinery 0.18.0

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package github

import (
    "fmt"
    "net/http"
    "reflect"
    "testing"
)

func TestLicensesService_List(t *testing.T) {
    setup()
    defer teardown()

    mux.HandleFunc("/licenses", func(w http.ResponseWriter, r *http.Request) {
        testMethod(t, r, "GET")
        testHeader(t, r, "Accept", mediaTypeLicensesPreview)
        fmt.Fprint(w, `[
            {"key":"mit","name":"MIT","url":"https://api.github.com/licenses/mit"}
        ]`
    })

    licenses, _, err := client.Licenses.List()
    if err != nil {
        t.Errorf("Licenses.List returned error: %v", err)
    }

    want := []License{License{
        Key:    String("mit"),
        Name:   String("MIT"),
        URL:    String("https://api.github.com/licenses/mit"),
    }}
if !reflect.DeepEqual(licenses, want) {
    t.Errorf("Licenses.List returned %+v, want %+v", licenses, want)
}

func TestLicensesService_Get(t *testing.T) {
    setup()
    defer teardown()

    mux.HandleFunc="/licenses/mit", func(w http.ResponseWriter, r *http.Request) {
        testMethod(t, r, "GET")
        testHeader(t, r, "Accept", mediaTypeLicensesPreview)
        fmt.Fprintf(w, "{"key":"mit","name":"MIT"}"
    }

    license, _, err := client.Licenses.Get("mit")
    if err != nil {
        t.Errorf("Licenses.Get returned error: %v", err)
    }

    want := &License{Key: String("mit"), Name: String("MIT")}
    if !reflect.DeepEqual(license, want) {
        t.Errorf("Licenses.Get returned %+v, want %+v", license, want)
    }

    func TestLicensesService_Get_invalidTemplate(t *testing.T) {
        _, _, err := client.Licenses.Get("%")
        testURLParseError(t, err)
    }

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

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class github

import "fmt"

// LicensesService handles communication with the license related methods of the GitHub API.
type LicensesService struct {
  client *Client
}

// License represents an open source license.
type License struct {
  Key *string `json:"key",omitempty"
}
func (l License) String() string {
    return Stringify(l)
}

// List popular open source licenses.
// GitHub API docs: https://developer.github.com/v3/licenses/#list-all-licenses
func (s *LicensesService) List() ([]License, *Response, error) {
    req, err := s.client.NewRequest("GET", "licenses", nil)
    if err != nil {
        return nil, nil, err
    }

    // TODO: remove custom Accept header when this API fully launches
    req.Header.Set("Accept", mediaTypeLicensesPreview)
    licenses := new([]License)
    resp, err := s.client.Do(req, licenses)
    if err != nil {
        return nil, resp, err
    }
    return *licenses, resp, err
}

// Fetch extended metadata for one license.
// GitHub API docs: https://developer.github.com/v3/licenses/#get-an-individual-license
func (s *LicensesService) Get(licenseName string) (*License, *Response, error) {
    u := fmt.Sprintf("licenses/%s", licenseName)
    req, err := s.client.NewRequest("GET", u, nil)
    if err != nil {
        return nil, nil, err
    }
    return nil, nil, err
}
// TODO: remove custom Accept header when this API fully launches
req.Header.Set("Accept", mediaTypeLicensesPreview)

license := new(License)
resp, err := s.client.Do(req, license)
if err != nil {
    return nil, resp, err
}

return license, resp, err

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1.589 googleapis-gnostic 0.2.2

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1.590 go-restful 2.9.5+incompatible

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A. HISTORY OF THE SOFTWARE

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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A. HISTORY OF THE SOFTWARE
============================

Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
Foundation (PSF, see http://www.python.org/psf/) was formed, a
non-profit organization created specifically to own Python-related
Intellectual Property. Zope Corporation is a sponsoring member of
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All Python releases are Open Source (see http://www.opensource.org for
the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:
It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php_curl, or with an Apache+mod_ssl webserver for SSL client authentication.
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1.596 aws-sdk-go 1.27.1

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1.597 prometheus-procs 0.0.5

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

---
abstract: 'Build and install Perl modules'
author:
- 'Ken Williams <kwilliams@cpan.org>'
- "Development questions, bug reports, and patches should be sent to the\nModule-Build mailing list at <module-
build@perl.org>.'
buildRequires:
  File::Temp: 0.15
  Test::Harness: 3.16
  Test::More: 0.49
generatedBy: 'Module::Build version 0.3608'
license: gpl
metaSpec:
  url: http://module-build.sourceforge.net/META-spec-v1.4.html
  version: 1.4
name: Module-Build
resources:
  MailingList: mailto:module-build@perl.org
license: http://dev.perl.org/licenses/
repository: http://github.com/dagolden/module-build/
version: 3

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

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

Gnomovision version 69, Copyright (C) 19xx name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
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The hypothetical commands `show w' and `show c' should show the
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school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
program `Gnomovision' (a program to direct compilers to make passes
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<signature of Ty Coon>, 1 April 1989
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That's all there is to it!

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The End

#!/perl
Tests that the latest copyright years in the top-level README file and the
C<perl -v> output match each other.

If the test fails, update at least one of README and perl.c so that they match
reality.

Optionally you can pass the C<--now> option to check they are at the current
year. This isn't checked by default, so that it doesn't fail for people
working on older releases. It should be run before making a new release.

=cut

use strict;
use Config;
BEGIN { require './test.pl' }

my ($opt) = @ARGV;

my $readme_year = readme_year();
my $v_year = v_year();

# Check that both copyright dates are up-to-date, but only if requested, so
# that tests still pass for people intentionally working on older versions:
if ($opt eq '--now')
{
    my $current_year = (gmtime)[5] + 1900;
    is $v_year, $current_year, 'perl -v copyright includes current year';
    is $readme_year, $current_year, 'README copyright includes current year';
}

# Otherwise simply check that the two copyright dates match each other:
else
{
    is $readme_year, $v_year, 'README and perl -v copyright dates match';
}

done_testing;
sub readme_year
# returns the latest copyright year from the top-level README file
{
    open my $readme, '<', '../README' or die "Opening README failed: $!";

    # The copyright message is the first paragraph:
    local $/ = '';
    my $copyright_msg = <$readme>

    my ($year) = $copyright_msg =~ /.*\d{4,}\b/ or die "Year not found in README copyright message '$copyright_msg'";

    $year;
}

sub v_year
# returns the latest copyright year shown in perl -v
{
    my $output = runperl switches => ['-v'];
    my ($year) = $output =~ /\d{4,}\b/ or die "Copyright statement not found in perl -v output '$output'";

    $year;
}

1.602 tablewriter 0.0.1
1.602.1 Available under license:
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1.603 pcre 8.44

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PCRE LICENCE

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The basic library functions are written in C and are freestanding. Also included in the distribution is a set of C++ wrapper functions, and a just-in-time compiler that can be used to optimize pattern matching. These are both optional features that can be omitted when the library is built.

THE BASIC LIBRARY FUNCTIONS

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Written by: Philip Hazel
Email local part: ph10
Email domain: cam.ac.uk

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PCRE JUST-IN-TIME COMPILATION SUPPORT

-----------------------------------------
STACK-LESS JUST-IN-TIME COMPILER

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1.604 glibc 2.27-3ubuntu1.4

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package github

import (
    "fmt"
    "net/http"
    "reflect"
    "testing"
)

func TestLicensesService_List(t *testing.T) {

setup()
defer teardown()

mux.HandleFunc(`/licenses`, func(w http.ResponseWriter, r *http.Request) {
testMethod(t, r, "GET")
testHeader(t, r, "Accept", mediaTypeLicensesPreview)
fmt.Fprint(w, `[{"key":"mit","name":"MIT","url":"https://api.github.com/licenses/mit"}]`) })

licenses, _, err := client.Licenses.List()
if err != nil {
t.Error("Licenses.List returned error: %v", err)
}

want := []License{License{
  Key: String("mit"),
  Name: String("MIT"),
  URL:  String("https://api.github.com/licenses/mit"),
}}
if reflect.DeepEqual(licenses, want) {
t.Error("Licenses.List returned %v, want %v", licenses, want)
}

func TestLicensesService_Get(t *testing.T) {
  setup()
defer teardown()

  mux.HandleFunc(`/licenses/mit`, func(w http.ResponseWriter, r *http.Request) {
testMethod(t, r, "GET")
testHeader(t, r, "Accept", mediaTypeLicensesPreview)
fmt.Fprint(w, `{"key":"mit","name":"MIT"}`)
})

license, _, err := client.Licenses.Get("mit")
if err != nil {
t.Error("Licenses.Get returned error: %v", err)
}

want := &License{Key: String("mit"), Name: String("MIT")}
if !reflect.DeepEqual(license, want) {
t.Error("Licenses.Get returned %v, want %v", license, want)
}

func TestLicensesService_Get_invalidTemplate(t *testing.T) {
  _, _, err := client.Licenses.Get("%")
testURLParseError(t, err)
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procsfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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package github

import "fmt"

// LicensesService handles communication with the license related methods of the GitHub API.
type LicensesService struct {
    client *Client
}

// License represents an open source license.
type License struct {
    Key *string `json:"key",omitempty`
    Name *string `json:"name",omitempty`
    URL  *string `json:"url",omitempty`
    HTMLURL        *string   `json:"html_url",omitempty`
    Featured       *bool     `json:"featured",omitempty`
    Description    *string   `json:"description",omitempty`
    Category       *string   `json:"category",omitempty`
    Implementation *string   `json:"implementation",omitempty`
    Required       *[]string `json:"required",omitempty`
    Permitted      *[]string `json:"permitted",omitempty`
    Forbidden      *[]string `json:"forbidden",omitempty"
Body *string  json:"bodyomitempty"

func (l License) String() string {
    return Stringify(l)
}

// List popular open source licenses.
//
// GitHub API docs: https://developer.github.com/v3/licenses/#list-all-licenses
func (s *LicensesService) List() ([]License, *Response, error) {
    req, err := s.client.NewRequest("GET", "licenses", nil)
    if err != nil {
        return nil, nil, err
    }
    // TODO: remove custom Accept header when this API fully launches
    req.Header.Set("Accept", mediaTypeLicensesPreview)

    licenses := new([]License)
    resp, err := s.client.Do(req, licenses)
    if err != nil {
        return nil, resp, err
    }

    return *licenses, resp, err
}

// Fetch extended metadata for one license.
//
// GitHub API docs: https://developer.github.com/v3/licenses/#get-an-individual-license
func (s *LicensesService) Get(licenseName string) (*License, *Response, error) {
    u := fmt.Sprintf("licenses/%s", licenseName)

    req, err := s.client.NewRequest("GET", u, nil)
    if err != nil {
        return nil, nil, err
    }
    // TODO: remove custom Accept header when this API fully launches
    req.Header.Set("Accept", mediaTypeLicensesPreview)

    license := new(License)
    resp, err := s.client.Do(req, license)
    if err != nil {
        return nil, resp, err
    }
return license, resp, err
}

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1.610 logrus 1.4.2

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1.611 dom 1.0

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Found in path(s):
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ElementEditAS.java
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* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom3/as/ASObject.java
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* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/d...
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Found in path(s):
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/xs/datatypes/package.html

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/*
* Checks if this content model has had its min/maxOccurs values reduced for
* purposes of speeding up UPA. If so, this content model should not be used
* for any purpose other than checking unique particle attribution
*
* @return a boolean that says whether this content has been compacted for UPA
*/

Found in path(s):
*/opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/impl/xs/models/XSCMValidator.java
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DOM Level 3 LS CR - Experimental.
Create a new <code>LSParser</code>. The newly constructed parser may
then be configured by means of its <code>DOMConfiguration</code> object, and used to parse documents by means of its <code>parse</code> method.

@param mode The <code>mode</code> argument is either
* <code>MODE_SYNCHRONOUS</code> or <code>MODE_ASYNCHRONOUS</code>, if
* <code>mode</code> is <code>MODE_SYNCHRONOUS</code> then the
* <code>LSParser</code> that is created will operate in synchronous
* mode, if it's <code>MODE_ASYNCHRONOUS</code> then the
* <code>LSParser</code> that is created will operate in asynchronous
* mode.

@param schemaType An absolute URI representing the type of the schema
* language used during the load of a <code>Document</code> using the
* newly created <code>LSParser</code>. Note that no lexical checking
* is done on the absolute URI. In order to create a
* <code>LSParser</code> for any kind of schema types (i.e. the
* LSParser will be free to use any schema found), use the value
* <code>null</code>.
*
* Note: For W3C XML Schema [<a href='http://www.w3.org/TR/2001/REC-xmlschema-1-20010502/'>XML Schema Part 1</a>]
* applications must use the value
* <code>"http://www.w3.org/2001/XMLSchema"</code>. For XML DTD [<a href='http://www.w3.org/TR/2000/REC-xml-20001006'>XML 1.0</a>],
* applications must use the value
* <code>"http://www.w3.org/TR/REC-xml"</code>. Other Schema languages
* are outside the scope of the W3C and therefore should recommend an
* absolute URI in order to use this method.
* return The newly created <code>LSParser</code> object. This
* <code>LSParser</code> is either synchronous or asynchronous
* depending on the value of the <code>mode</code> argument.
* Note: By default, the newly created <code>LSParser</code>
* does not contain a <code>DOMErrorHandler</code>, i.e. the value of
the "<a href='http://www.w3.org/TR/2003/WD-DOM-Level-3-Core-20030609/core.html#parameter-error-handler'>error-handler</a>" configuration parameter is <code>null</code>. However, implementations may provide a default error handler at creation time. In that case, the initial value of the <code>&quot;error-handler&quot;</code> configuration parameter on the new created <code>LSParser</code> contains a reference to the default error handler.

@exception DOMException

NOT_SUPPORTED_ERR: Raised if the requested mode or schema type is not supported.

*/

Found in path(s):
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/CoreDOMImplementationImpl.java

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* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/DOMImplementationListImpl.java

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*/
/**
 * used to check the 3 constraints against each complex type
 * (should be each model group):
 * Unique Particle Attribution, Particle Derivation (Restriction),
 * Element Declarations Consistent.
 */

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* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/impl/xs/XSConstraints.java
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* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources.jar/org/apache/xerces/impl/xs/traversers/XMLEntityDescriptionImpl.java
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- jar/org/apache/xerces/impl/XML11EntityScanner.java
- jar/org/apache/xerces/impl/dv/xx/StringDV.java
- jar/org/apache/xerces/impl/dv/xs/StringDV.java
- jar/org/apache/xerces/impl/dv/xs/IDREFDV.java
- jar/org/apache/html/dom/HTMLButtonElementImpl.java
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- jar/org/apache/xerces/dom/DocumentImpl.java
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- jar/org/apache/wml/WMLDocument.java
- jar/org/apache/xerces/jaxp/validation/EmptyXMLSchema.java
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* /opt/cola/permits/1258617759_1643096315.36/0/hazelcast-hibernate5-1-2-3-sources-
jar/com/hazelcast/hibernate/serialization/Value.java
* /opt/cola/permits/1258617759_1643096315.36/0/hazelcast-hibernate5-1-2-3-sources-
jar/com/hazelcast/hibernate/instance/HazelcastClientLoader.java
* /opt/cola/permits/1258617759_1643096315.36/0/hazelcast-hibernate5-1-2-3-sources-
jar/com/hazelcast/hibernate/region/AbstractGeneralRegion.java
* /opt/cola/permits/1258617759_1643096315.36/0/hazelcast-hibernate5-1-2-3-sources-
jar/com/hazelcast/hibernate/region/EntityRegionAccessStrategyAdapter.java
* /opt/cola/permits/1258617759_1643096315.36/0/hazelcast-hibernate5-1-2-3-sources-
jar/com/hazelcast/hibernate/region/CacheKeyImpl.java
* /opt/cola/permits/1258617759_1643096315.36/0/hazelcast-hibernate5-1-2-3-sources-
jar/com/hazelcast/hibernate/serialization/Expirable.java
* /opt/cola/permits/1258617759_1643096315.36/0/hazelcast-hibernate5-1-2-3-sources-
jar/com/hazelcast/hibernate/access/AbstractAccessDelegate.java
* /opt/cola/permits/1258617759_1643096315.36/0/hazelcast-hibernate5-1-2-3-sources-
jar/com/hazelcast/hibernate/serialization/Hibernate5CacheEntrySerializerHook.java
* /opt/cola/permits/1258617759_1643096315.36/0/hazelcast-hibernate5-1-2-3-sources-
jar/com/hazelcast/hibernate/CacheEnvironment.java
* /opt/cola/permits/1258617759_1643096315.36/0/hazelcast-hibernate5-1-2-3-sources-
jar/com/hazelcast/hibernate/region/AbstractTransactionalDataRegion.java
* /opt/cola/permits/1258617759_1643096315.36/0/hazelcast-hibernate5-1-2-3-sources-
jar/com/hazelcast/hibernate/local/package-info.java
* /opt/cola/permits/1258617759_1643096315.36/0/hazelcast-hibernate5-1-2-3-sources-
jar/com/hazelcast/hibernate/access/ReadOnlyAccessDelegate.java
* /opt/cola/permits/1258617759_1643096315.36/0/hazelcast-hibernate5-1-2-3-sources-
jar/com/hazelcast/hibernate/serialization/MarkerWrapper.java
* /opt/cola/permits/1258617759_1643096315.36/0/hazelcast-hibernate5-1-2-3-sources-
jar/com/hazelcast/hibernate/access/package-info.java
* /opt/cola/permits/1258617759_1643096315.36/0/hazelcast-hibernate5-1-2-3-sources-
jar/com/hazelcast/hibernate/HazelcastLocalCacheRegionFactory.java
* /opt/cola/permits/1258617759_1643096315.36/0/hazelcast-hibernate5-1-2-3-sources-
jar/com/hazelcast/hibernate/RegionCache.java
* /opt/cola/permits/1258617759_1643096315.36/0/hazelcast-hibernate5-1-2-3-sources-
jar/com/hazelcast/hibernate/access/AccessDelegate.java
* /opt/cola/permits/1258617759_1643096315.36/0/hazelcast-hibernate5-1-2-3-sources-
jar/com/hazelcast/hibernate/instance/IHazelcastInstanceFactory.java
* /opt/cola/permits/1258617759_1643096315.36/0/hazelcast-hibernate5-1-2-3-sources-
jar/com/hazelcast/hibernate/distributed/AbstractRegionCacheEntryProcessor.java
* /opt/cola/permits/1258617759_1643096315.36/0/hazelcast-hibernate5-1-2-3-sources-
jar/com/hazelcast/hibernate/package-info.java
* /opt/cola/permits/1258617759_1643096315.36/0/hazelcast-hibernate5-1-2-3-sources-
jar/com/hazelcast/hibernate/distributed/LockEntryProcessor.java

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// the lock was released under heavy load or after network partitions. Hence this implementation now uses

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* /opt/cola/permits/1258617759_1643096315.36/0/hazelcast-hibernate5-1-2-3-sources-jar/com/hazelcast/hibernate/distributed/IMapRegionCache.java

1.613 jetty-http 9.4.16.v20190411

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1.614 pam 1.3.0-r0

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*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1072388179_1594998133.29/0/spring-boot-actuator-2-1-10-release-sources-jar/org/springframework/boot/actuate/audit/listener/AuditApplicationEvent.java
* /opt/ws_local/PERMITS_SQL/1072388179_1594998133.29/0/spring-boot-actuator-2-1-10-release-sources-jar/org/springframework/boot/actuate/context/properties/package-info.java
* /opt/ws_local/PERMITS_SQL/1072388179_1594998133.29/0/spring-boot-actuator-2-1-10-release-sources-jar/org/springframework/boot/actuate/metrics/export/prometheus/PrometheusScrapeEndpoint.java
* /opt/ws_local/PERMITS_SQL/1072388179_1594998133.29/0/spring-boot-actuator-2-1-10-release-sources-jar/org/springframework/boot/actuate/cassandra/CassandraHealthIndicator.java
* /opt/ws_local/PERMITS_SQL/1072388179_1594998133.29/0/spring-boot-actuator-2-1-10-release-sources-jar/org/springframework/boot/actuate/endpoints/AbstractExposableEndpoint.java
1.618 certifi 2021.5.30

1.618.1 Available under license:
This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities
(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#

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@(#) SRCFile: certdata.txt,v $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $

1.619 go-yaml 2.2.4

1.619.1 Available under license:
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1.620 lann-ps 0.0.0-20150810152359-62de8c46ede0
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1.621 pam 1.1.8 3.6ubuntu2.18.04.1
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-------------------------------------------------------------------------
Patch for Ubuntu bug #399071

Display the contents of /etc/legal as part of the MOTD, the first time the user logs in, and set a flag in the user's homedir if possible to prevent repeat displays.

Authors: Dustin Kirkland <kirkland@canonical.com>

Upstream status: Ubuntu-specific, maybe submit to Debian

Index: pam.ubuntu/modules/pam_motd/pam_motd.c

===================================================================
--- pam.ubuntu.org/modules/pam_motd/pam_motd.c
+++ pam.ubuntu/modules/pam_motd/pam_motd.c
@@ -73,6 +73,61 @@
    close(fd);
 }
+int display_legal(pam_handle_t *pamh)
+{
+    int retval = PAM_IGNORE, rc;
+    char *user = NULL;
+    char *dir = NULL;
+    char *flag = NULL;
+    struct passwd *pwd = NULL;
+    struct stat s;
+    int f;
+    /* Get the user name to determine if we need to print the disclaimer */
+    rc = pam_get_item(pamh, PAM_USER, &user);
+    if (rc == PAM_SUCCESS && user != NULL && *(const char *)user != '\0')
+    {
+        PAM_MODUTIL_DEF_PRIVS(privs);
+        /* Get the password entry */
+        pwd = pam_modutil_getpwnam (pamh, user);
+        if (pwd != NULL)
+        {
+            if (pam_modutil_drop_priv(pamh, &privs, pwd)) {
+                pam_syslog(pamh, LOG_ERR,
+                           "Unable to change UID to %d temporarily\n",
+                           pwd->pw_uid);
+            }
+        }
+    }
+    retval = PAM_SESSION_ERR;
+    goto finished;
+}
+
+    if (asprintf(&dir, "%s/.cache", pwd->pw_dir) == -1 || !dir) goto finished;
+    if (asprintf(&flag, "%s/motd.legal-displayed", dir) == -1 || !flag) goto finished;
+
+    if (stat(flag, &s) != 0)
+    {
+        display_file(pamh, "/etc/legal");
+        mkdir(dir, 0700);
+        f = open(flag, O_WRONLY|O_CREAT|O_EXCL,
+                 S_IRUSR|S_IWUSR|S_IXUSR|S_IRGRP|S_IROTH);
+        if (f>=0) close(f);
+    }
+
+    finished:
+    if (pam_modutil_regain_priv(pamh, &privs)) {
+        pam_syslog(pamh, LOG_ERR,
+                   "Unable to change UID back to %d\n", privs.old_uid);
+        retval = PAM_SESSION_ERR;
+    }
+
+    _pam_drop(flag);
+    _pam_drop(dir); 
+    return retval;
+}
+
+PAM_EXTERN
+int pam_sm_open_session(pam_handle_t *pamh, int flags,
+                        int argc, const char **argv)
+{
+    /* Display the updated motd */
+    display_file(pamh, motd_path);
+
+    /* Display the legal disclaimer only if necessary */
+    retval = display_legal(pamh);
+    return retval;
+
+}

This package was debianized by J.H.M. Dassen (Ray) jdassen@debian.org on Wed, 23 Sep 1998 20:29:32 +0200.

It was downloaded from ftp://ftp.kernel.org/pub/linux/libs/pam/pre/
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### 1.622 pkg_resources 0.0.0

#### 1.622.1 Available under license:

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- Metadata-Version: 2.0
- Name: pkg_resources
- Version: 0.0.0
- Summary: UNKNOWN
- Home-page: UNKNOWN
- Author: UNKNOWN
- Author-email: UNKNOWN
- License: UNKNOWN
- Platform: UNKNOWN

Unknown

Found in path(s):
* /opt/cola/permits/1057231109_1610430055.18/0/pkg-resources-0.0.0-dist-info-zip/inputdir/packages_extracted/wheel/103/pkg_resources-0.0.0.dist-info/METADATA

### 1.623 libidn 1.33 2.1ubuntu1.2

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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

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* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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1.627 meld 1.0.2

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* /opt/cola/permits/1258617753_1643096328.83/0/netty-handler-4-1-71-final-sources-jar/io/netty/handler/ssl/AsyncRunnable.java
* /opt/cola/permits/1258617753_1643096328.83/0/netty-handler-4-1-71-final-sources-jar/io/netty/handler/ssl/Ciphers.java
* /opt/cola/permits/1258617753_1643096328.83/0/netty-handler-4-1-71-final-sources-jar/io/netty/handler/ssl/OpenSslClientSessionCache.java
* /opt/cola/permits/1258617753_1643096328.83/0/netty-handler-4-1-71-final-sources-jar/io/netty/handler/ssl/SslContextOption.java
* /opt/cola/permits/1258617753_1643096328.83/0/netty-handler-4-1-71-final-sources-jar/io/netty/handler/ssl/OpenSslSessionId.java
* /opt/cola/permits/1258617753_1643096328.83/0/netty-handler-4-1-71-final-sources-jar/io/netty/handler/ssl/OpenSslSessionCache.java
* /opt/cola/permits/1258617753_1643096328.83/0/netty-handler-4-1-71-final-sources-jar/io/netty/handler/ssl/OpenSslAsyncPrivateKeyMethod.java
* /opt/cola/permits/1258617753_1643096328.83/0/netty-handler-4-1-71-final-sources-jar/io/netty/handler/ssl/GroupsConverter.java
* /opt/cola/permits/1258617753_1643096328.83/0/netty-handler-4-1-71-final-sources-jar/io/netty/handler/ssl/BouncyCastleAlpnSslUtils.java
* /opt/cola/permits/1258617753_1643096328.83/0/netty-handler-4-1-71-final-sources-jar/io/netty/handler/ssl/BouncyCastleAlpnSslEngine.java

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* /opt/cola/permits/1258617753_1643096328.83/0/netty-handler-4-1-71-final-sources-Jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactoryBuilder.java
* /opt/cola/permits/1258617753_1643096328.83/0/netty-handler-4-1-71-final-sources-Jar/io/netty/handler/address/ResolveAddressHandler.java
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* /opt/cola/permits/1258617753_1643096328.83/0/netty-handler-4-1-71-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java
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* /opt/cola/permits/1258617753_1643096328.83/0/netty-handler-4-1-71-final-sources-jar/io/netty/handler/ipfilter/OpenSsl.java
* /opt/cola/permits/1258617753_1643096328.83/0/netty-handler-4-1-71-final-sources-jar/io/netty/handler/jdkSslEngine.java
* /opt/cola/permits/1258617753_1643096328.83/0/netty-handler-4-1-71-final-sources-jar/io/netty/handler/OpenSslServerSessionContext.java
* /opt/cola/permits/1258617753_1643096328.83/0/netty-handler-4-1-71-final-sources-jar/io/netty/handler/SslProvider.java
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jar/io.netty.handler.traffic/GlobalChannelTrafficCounter.java
* /opt/cola/permits/1258617753_1643096328.83/0/netty-handler-4-1-71-final-sources-
jar/io.netty.handler.ssl/utils/OpenJdkSelfSignedCertGenerator.java
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###
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## version 0.1
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* /opt/cola/permits/1258617866_1643096330.98/0/hazelcast-spring-3-11-sources-jar/hazelcast-spring-3.1.xsd
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* /opt/cola/permits/1258617866_1643096330.98/0/hazelcast-spring-3-11-sources-jar/hazelcast-spring-3.3.xsd
* /opt/cola/permits/1258617866_1643096330.98/0/hazelcast-spring-3-11-sources-jar/hazelcast-spring-3.11.xsd
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* /opt/cola/permits/1258617866_1643096330.98/0/hazelcast-spring-3-11-sources-jar/hazelcast-spring-3.10.xsd
* /opt/cola/permits/1258617866_1643096330.98/0/hazelcast-spring-3-11-sources-jar/hazelcast-spring-3.8.xsd
* /opt/cola/permits/1258617866_1643096330.98/0/hazelcast-spring-3-11-sources-jar/hazelcast-spring-3.9.xsd

1.642 alpine-keys 2.2-r0

1.643 mockito-core 1.10.19

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* /opt/cola/permits/1258617635_1643096336.56/0/netty-codec-smtp-4-1-71-final-sources-jar/io/netty/handler/codec/smtp/SmtpRequest.java
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* httpd@ncsa.uiuc.edu
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--------------------------------------------------------------------------

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(signature of Ty Coon), 1 April 1989
Ty Coon, President of Vice

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The End
#!perl

=head1 NAME
copyright.t

=head1 DESCRIPTION
Tests that the latest copyright years in the top-level README file and the C<perl -v> output match each other.

If the test fails, update at least one of README and perl.c so that they match reality.

Optionally you can pass the C<--now> option to check they are at the current year. This isn't checked by default, so that it doesn't fail for people working on older releases. It should be run before making a new release.

=cut

use strict;
use Config;
BEGIN { require './test.pl' }

if ( $Config{usecrosscompile} ) {
    skip_all( "Not all files are available during cross-compilation" );
my ($opt) = @ARGV;

my $readme_year = readme_year();
my $v_year = v_year();

# Check that both copyright dates are up-to-date, but only if requested, so
# that tests still pass for people intentionally working on older versions:
if ($opt eq '--now')
{
    my $current_year = (gmtime)[5] + 1900;
    is $v_year, $current_year, 'perl -v copyright includes current year';
    is $readme_year, $current_year, 'README copyright includes current year';
}

# Otherwise simply check that the two copyright dates match each other:
else
{
    is $readme_year, $v_year, 'README and perl -v copyright dates match';
}

done_testing;

sub readme_year
# returns the latest copyright year from the top-level README file
{

    open my $readme, '<', '../README' or die "Opening README failed: $!";

    # The copyright message is the first paragraph:
    local $/ = "
    my $copyright_msg = <$readme>;

    my ($year) = $copyright_msg =~ /.*\b(?:\d+)\b/;  
    or die "Year not found in README copyright message "$copyright_msg";  

    $year;
}

sub v_year
# returns the latest copyright year shown in perl -v
{

    my $output = runperl switches => ['-v'];
    my ($year) = $output =~ /copyright \d+\d\d\d/;  

or die "Copyright statement not found in perl -v output '$output'";

$year;
}

1.655 sqlite 3.22.0 1
1.655.1 Available under license:
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*/

Found in path(s):
1.657 node.js 15.14.0

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# -------------------------------------------------------------
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'sources': ['@openssl_sources', '@openssl_sources_BSD-x86'],
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openssl/ssl/pqueue.c,
openssl/ssl/record/dtls1_bitmap.c,
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openssl/ssl/record/record_s3.c,
openssl/ssl/record/ssl3_buffer.c,
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openssl/ssl/statem/statem_srvr.c,
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openssl/ssl/t1_lib.c,
openssl/ssl/t1_tree.c,
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openssl/crypto/aes/aes_cfb.c,
openssl/crypto/aes/aes_core.c,
'openssl/crypto/asn1/p5_scrypt.c',
'openssl/crypto/asn1/p8_pkey.c',
'openssl/crypto/asn1/t_bitst.c',
'openssl/crypto/asn1/t_pkey.c',
'openssl/crypto/asn1/t_spki.c',
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'openssl/crypto/asn1/tasn_enc.c',
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'openssl/crypto/asn1/tasn_utl.c',
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'openssl/crypto/bio/bio_meth.c',
'openssl/crypto/bio/bss_accept.c',
'openssl/crypto/bio/bss_bio.c',
'openssl/crypto/bio/bss_conn.c',

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openssl/crypto/ec/curve448/arch_32/f_impl.c,
openssl/crypto/ec/curve448/curve448.c,
openssl/crypto/ec/curve448/curve448_tables.c,
openssl/crypto/ec/curve448/eddsa.c,
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openssl/crypto/ec/ecp_nist.c,
openssl/crypto/ec/ecp_nistp224.c,
openssl/crypto/ec/ecp_nistp256.c,
openssl/crypto/ec/ecp_nistp521.c,
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openssl/crypto/ec/ecp_nistz256.c,
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'openssl/crypto/x509/x509_txt.c',
'openssl/crypto/x509/x509_v3.c',
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'openssl/crypto/x509/x509rset.c',
'openssl/crypto/x509/x509spki.c',
'openssl/crypto/x509/x509type.c',
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`./config/archs/BSD-x86/asm/crypto/aes/aesni-x86.s`,  
`./config/archs/BSD-x86/asm/crypto/vpaes-x86.s`,  
`./config/archs/BSD-x86/asm/crypto/bf/bf-586.s`,  
`./config/archs/BSD-x86/asm/crypto/bn/bn-586.s`,  
`./config/archs/BSD-x86/asm/crypto/bn/co-586.s`,  
`./config/archs/BSD-x86/asm/crypto/bn/x86-586.s`,  
`./config/archs/BSD-x86/asm/crypto/bn/x86-586.s`,  
`./config/archs/BSD-x86/asm/crypto/camellia/cmll-x86.s`,  
`./config/archs/BSD-x86/asm/crypto/chacha/chacha-x86.s`,  
`./config/archs/BSD-x86/asm/crypto/des/crypt586.s`,  
`./config/archs/BSD-x86/asm/crypto/des/des-586.s`,  
`./config/archs/BSD-x86/asm/crypto/ee/crypt256-586.s`,  
`./config/archs/BSD-x86/asm/crypto/md5/md5-586.s`,  
`./config/archs/BSD-x86/asm/crypto/modes/ghash-x86.s`,  
`./config/archs/BSD-x86/asm/crypto/poly1305/poly1305-x86.s`,  
`./config/archs/BSD-x86/asm/crypto/rc4/rc4-586.s`,  
`./config/archs/BSD-x86/asm/crypto/ripemd/rmd-586.s`,  
`./config/archs/BSD-x86/asm/crypto/sha/sha1-586.s`,  
`./config/archs/BSD-x86/asm/crypto/sha/sha256-586.s`,  
`./config/archs/BSD-x86/asm/crypto/sha/sha512-586.s`,  
`./config/archs/BSD-x86/asm/crypto/whirlpool/wp-x86.s`,  
`./config/archs/BSD-x86/asm/crypto/x86cpuid.s`,  
`./config/archs/BSD-x86/asm engines/e_padlock-x86.s`,  
],

`openssl_defines_BSD-x86`: [  
`'NDEBUG'`,  
`'L_ENDIAN'`,  
`'OPENSSL_PIC'`,  
`'OPENSSL_CPUID_OBJ'`,  
`'OPENSSL_BN_ASM_PART_WORDS'`,  
`'OPENSSL_IA32_SSE2'`,  
`'OPENSSL_BN_ASM_MONT'`,  
`'OPENSSL_BN_ASM_GF2m'`,  
`'SHA1_ASM'`,  
`'SHA256_ASM'`,  
`'SHA512_ASM'`,  
`'RC4_ASM'`,  
`'MD5_ASM'`,  
`'RMD160_ASM'`,  
`'AESNI_ASM'`,  
`'VPAES_ASM'`,  
`'WHIRLPOOL_ASM'`,  
`'GHASH_ASM'`,  
`'ECP_NISTZ256_ASM'`,  
`'POLY1305_ASM'`,  
],
'openssl_cflags_BSD-x86': [  
'-Wa,-noexecstack',
'-Wall -O3 -fomit-frame-pointer',
'-pthread',
'-Wall -O3 -fomit-frame-pointer',
],
'openssl_ex_libs_BSD-x86': [
'-pthread',
],
'include_dirs': [
  '.',
  './include',
  './crypto',
  './crypto/include/internal',
],
'defines': ['<@(openssl_defines_BSD-x86)'],
'cflags': ['<@(openssl_cflags_BSD-x86)'],
'libraries': ['<@(openssl_ex_libs_BSD-x86)'],
'sources': ['<@(openssl_sources)', '<@(openssl_sources_BSD-x86)'],
}

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Open Source Used In Intelligent Node Manager 3.X 3.3.0 11331
'openssl/crypto/rsa/rsa_lib.c',
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'openssl/crypto/threads_pthread.c',
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Open Source Used In Intelligent Node Manager 3.X 3.3.0 11333
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Open Source Used In Intelligent Node Manager 3.X 3.3.0 11334
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# spdx-license-ids


A list of [SPDX license](https://spdx.org/licenses/) identifiers

## Installation

[Download JSON directly](https://raw.githubusercontent.com/shinnn/spdx-license-ids/master/index.json), or [use](https://docs.npmjs.com/cli/install) [npm](https://docs.npmjs.com/about-npm):

````

npm install spdx-license-ids
```

---

Open Source Used In Intelligent Node Manager 3.X 3.3.0 11338
## [Node.js](https://nodejs.org/) API

### `require('spdx-license-ids')`

Type: `string[]`

All license IDs except for the currently deprecated ones.

```javascript
const ids = require('spdx-license-ids');
//=> ['0BSD', 'AAL', 'ADSL', 'AFL-1.1', 'AFL-1.2', 'AFL-2.0', 'AFL-2.1', 'AFL-3.0', 'AGPL-1.0-only', ...]

ids.includes('BSD-3-Clause'); //=> true
ids.includes('CC-BY-1.0'); //=> true

ids.includes('GPL-3.0'); //=> false
```

### `require('spdx-license-ids/deprecated')`

Type: `string[]`

Deprecated license IDs.

```javascript
const deprecatedIds = require('spdx-license-ids/deprecated');
//=> ['AGPL-1.0', 'AGPL-3.0', 'GFDL-1.1', 'GFDL-1.2', 'GFDL-1.3', 'GPL-1.0', 'GPL-2.0', ...]

deprecatedIds.includes('BSD-3-Clause'); //=> false
deprecatedIds.includes('CC-BY-1.0'); //=> false

deprecatedIds.includes('GPL-3.0'); //=> true
```

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A. HISTORY OF THE SOFTWARE

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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  "/config/archs/BSW-x86_64/asm_avx2/crypto/rc4/rc4-ds-x86_64.s",
  "/config/archs/BSW-x86_64/asm_avx2/crypto/rc4/rc4-x86_64.s",
  "/config/archs/BSW-x86_64/asm_avx2/crypto/sha/keccak1600-x86_64.s",
  "/config/archs/BSW-x86_64/asm_avx2/crypto/sha1-md-x86_64.s",
  "/config/archs/BSW-x86_64/asm_avx2/crypto/sha1-x86_64.s",
  "/config/archs/BSW-x86_64/asm_avx2/crypto/sha256-md-x86_64.s",
  "/config/archs/BSW-x86_64/asm_avx2/crypto/sha256-x86_64.s"],
'./config/archs/BSD-x86_64/asm_avx2/crypto/sha/sha512-x86_64.s',
'./config/archs/BSD-x86_64/asm_avx2/crypto/whirlpool/wp-x86_64.s',
'./config/archs/BSD-x86_64/asm_avx2/crypto/x86_64cpuid.s',
'./config/archs/BSD-x86_64/asm_avx2/engines/e_padlock-x86_64.s',
],
'openssl_defines_BSD-x86_64': [
'NDEBUG',
'L_ENDIAN',
'OPENSSL-pic',
'OPENSSL_CPUID_OBJ',
'OPENSSL_IA32_SSE2',
'OPENSSL_BN_ASM_MONT',
'OPENSSL_BN_ASM_MONT5',
'OPENSSL_BN_ASM_GF2m',
'SHA1_ASM',
'SHA256_ASM',
'SHA512_ASM',
'KECCAK1600_ASM',
'RC4_ASM',
'MD5_ASM',
'AESNI_ASM',
'VPAES_ASM',
'GHASH_ASM',
'ECP_NISTZ256_ASM',
'X25519_ASM',
'POLY1305_ASM',
],
'openssl_cflags_BSD-x86_64': [
'-Wa,-noexecstack',
'-Wall -O3',
'-pthread',
'-Wall -O3',
],
'openssl_ex_libs_BSD-x86_64': [
'-pthread',
],
'include_dirs': [
'./',
'./include',
'./crypto',
'./crypto/include/internal',
],
'defines': ['<@(openssl_defines_BSD-x86_64)]',
cflags': ['<@(openssl_cflags_BSD-x86_64)]',
'libraries': ['<@(openssl_ex_libs_BSD-x86_64)]',
sources': ['<@(openssl_sources)', '<@hosts_sources_BSD-x86_64)],
}
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wcwidth.js: JavaScript Portng of Markus Kuhn's wcwidth() Implementation
=======================================================================
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--------
{
  'variables': {
    'openssl_defines_BSD-x86_64': ['NDEBUG', 'L_ENDIAN', 'OPENSSL_PIC'],
    'openssl_cflags_BSD-x86_64': ['-Wall -O3', '-pthread'],
    'openssl_ex_libs_BSD-x86_64': ['-pthread']
  }
}
'openssl_cli_srcs_BSD-x86_64': [
  'openssl/apps/asn1pars.c',
  'openssl/apps/ca.c',
  'openssl/apps/ciphers.c',
  'openssl/apps/cms.c',
  'openssl/apps/crl.c',
  'openssl/apps/crl2p7.c',
  'openssl/apps/dgst.c',
  'openssl/apps/dhparam.c',
  'openssl/apps/dsa.c',
  'openssl/apps/dsaparam.c',
  'openssl/apps/ec.c',
  'openssl/apps/ecparam.c',
  'openssl/apps/enc.c',
  'openssl/apps/engine.c',
  'openssl/apps/errstr.c',
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  'openssl/apps/genpkey.c',
  'openssl/apps/genrsa.c',
  'openssl/apps/nseq.c',
  'openssl/apps/ocsp.c',
  'openssl/apps/opensl.c',
  'openssl/apps/passwd.c',
  'openssl/apps/pkcs12.c',
  'openssl/apps/pkcs7.c',
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  'openssl/apps/pkey.c',
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  'openssl/apps/prime.c',
  'openssl/apps/rand.c',
  'openssl/apps/rehash.c',
  'openssl/apps/req.c',
  'openssl/apps/rsa.c',
  'openssl/apps/rsautl.c',
  'openssl/apps/s_client.c',
  'openssl/apps/s_server.c',
  'openssl/apps/s_time.c',
  'openssl/apps/sess_id.c',
  'openssl/apps/smime.c',
  'openssl/apps/speed.c',
  'openssl/apps/spkac.c',
  'openssl/apps/srp.c',
  'openssl/apps/storeutl.c',
  'openssl/apps/ts.c',
  'openssl/apps/verify.c',
  'openssl/apps/version.c',
]
'openssl/apps/x509.c',
'openssl/apps/app_rand.c',
'openssl/apps/apps.c',
'openssl/apps/bf_prefix.c',
'openssl/apps/opt.c',
'openssl/apps/s_cb.c',
'openssl/apps/s_socket.c',
],
},
'defines': ['<@(openssl_defines_BSD-x86_64)'],
'include_dirs': [
'./include',
],
'cflags': ['<@(openssl_cflags_BSD-x86_64)'],
'libraries': ['<@(openssl_ex_libs_BSD-x86_64)'],
'sources': ['<@(openssl_cli_srcs_BSD-x86_64)'],
}  
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validate-npm-package-license
============================
Give me a string and I'll tell you if it's a valid npm package license string.

```javascript
var valid = require('validate-npm-package-license');
```

SPDX license identifiers are valid license strings:

```javascript
var assert = require('assert');
```
var validSPDXExpression = {
  validForNewPackages: true,
  validForOldPackages: true,
  spdx: true
};

assert.deepEqual(valid('MIT'), validSPDXExpression);
assert.deepEqual(valid('BSD-2-Clause'), validSPDXExpression);
assert.deepEqual(valid('Apache-2.0'), validSPDXExpression);
assert.deepEqual(valid('ISC'), validSPDXExpression);
```

The function will return a warning and suggestion for nearly-correct license identifiers:

```javascript
assert.deepEqual(
  valid('Apache 2.0'),
  {
    validForOldPackages: false,
    validForNewPackages: false,
    warnings: [
      'license should be ' +
      'a valid SPDX license expression (without "LicenseRef"), ' +
      '"UNLICENSED", or ' +
      '"SEE LICENSE IN <filename>"',
      'license is similar to the valid expression "Apache-2.0"'
    ]
  });
```

SPDX expressions are valid, too ...

```javascript
// Simple SPDX license expression for dual licensing
assert.deepEqual(
  valid('(GPL-3.0-only OR BSD-2-Clause)'),
  validSPDXExpression
);
```

... except if they contain `LicenseRef`:

```javascript
var warningAboutLicenseRef = {
  validForOldPackages: false,
  validForNewPackages: false,
  spdx: true,
  warnings: [
```
'license should be ' + 
'a valid SPDX license expression (without "LicenseRef"), ' + 
"UNLICENSED", or ' + 
"SEE LICENSE IN <filename>",
];

assert.deepEqual(
  valid('LicenseRef-Made-Up'),
  warningAboutLicenseRef
);

assert.deepEqual(
  valid('(MIT OR LicenseRef-Made-Up)'),
  warningAboutLicenseRef
);

```javascript
assert.deepEqual(
  valid('SEE LICENSE IN LICENSE.txt'),
  {
    validForNewPackages: true,
    validForOldPackages: true,
    inFile: 'LICENSE.txt'
  }
);
```

assert.deepEqual(
  valid('SEE LICENSE IN license.md'),
  {
    validForNewPackages: true,
    validForOldPackages: true,
    inFile: 'license.md'
  }
);

```
```

If you can't describe your licensing terms with standardized SPDX identifiers, put the terms in a file in the package and point users there:

```javascript
assert.deepEqual(
  valid('SEE LICENSE IN LICENSE.txt'),
  {
    validForNewPackages: true,
    validForOldPackages: true,
    inFile: 'LICENSE.txt'
  }
);
```

assert.deepEqual(
  valid('SEE LICENSE IN license.md'),
  {
    validForNewPackages: true,
    validForOldPackages: true,
    inFile: 'license.md'
  }
);

```
```

If there aren't any licensing terms, use `UNLICENSED`:

```javascript
var unlicensed = {
  validForNewPackages: true,
  validForOldPackages: true,
  unlicensed: true
```
1.658 xstream 1.4.18

1.658.1 Available under license:

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Found in path(s):
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
  jar/com/thoughtworks/xstream/converters/collections/TreeMapConverter.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
  jar/com/thoughtworks/xstream/io/xml/Dom4JReader.java
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Found in path(s):
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/converters/extended/SubjectConverter.java
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Found in path(s):
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/io/xml/KXml2Driver.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/io/xml/Xpp3Driver.java
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Found in path(s):
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
 jar/com/thoughtworks/xstream/converters/reflection/SortableFieldKeySorter.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
 jar/com/thoughtworks/xstream/converters/enums/EnumSingleValueConverter.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
 jar/com/thoughtworks/xstream/io/binary/ReaderDepthState.java
 * /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/annotations/AnnotationReflectionConverter.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/annotations/AnnotationProvider.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/io/xml/XomReader.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/io/xml/DomWriter.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/mapper/ImmutableTypesMapper.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/converters/enums/EnumMapConverter.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2.jar/com/thoughtworks/xstream/core/ClassLoaderReference.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2.jar/com/thoughtworks/xstream/io/xml/AbstractXmlReader.java
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  jar/com/thoughtworks/xstream/converters/time/YearConverter.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
  jar/com/thoughtworks/xstream/converters/time/OffsetTimeConverter.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
  jar/com/thoughtworks/xstream/converters/time/YearMonthConverter.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/converters/extended/CurrencyConverter.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/converters/extended/SqlDateConverter.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/converters/basic/AbstractSingleValueConverter.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/converters/reflection/ImmutableFieldKeySorter.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/converters/reflection/FieldKeySorter.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/converters/reflection/FieldKey.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/core/util/ISO8601JavaTimeConverter.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/converters/ConverterRegistry.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
  jar/com/thoughtworks/xstream/core/util/CompositeClassLoader.java
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  jar/com/thoughtworks/xstream/io/xml/StaxWriter.java
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  jar/com/thoughtworks/xstream/persistence/XmlSet.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/converters/time/LocalDateConverter.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
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  jar/com/thoughtworks/xstream/mapper/CannotResolveClassException.java
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  jar/com/thoughtworks/xstream/converters/basic/BigDecimalConverter.java
  * /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
    jar/com/thoughtworks/xstream/converters/basic/BigIntegerConverter.java
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Manifest-Version: 1.0
Archiver-Version: Plexus Archiver
Created-By: Apache Maven
Built-By: joehni
Build-Jdk: 1.8.0_265
Specification-Title: XStream Core
Specification-Vendor: XStream
Implementation-Title: XStream Core
Implementation-Version: 1.4.18
Implementation-Vendor-Id: com.thoughtworks.xstream
Implementation-Vendor: XStream
Bundle-License: BSD-3-Clause
Bundle-ManifestVersion: 2
Bundle-Name: XStream Core Sources
Bundle-SymbolicName: xstream.sources
Bundle-Vendor: XStream Sources
Bundle-Version: 1.4.18 Sources
Eclipse-SourceBundle: xstream;version=1.4.18
Specification-Version: 1.4
X-Build-Os: Linux
X-Build-Time: 2021-08-22T11:58:11Z
X-Builder: Maven 3.8.1
X-Compile-Source: 1.4
X-Compile-Target: 1.4

Found in path(s):
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/META-INF/MANIFEST.MF
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  jar/com/thoughtworks/xstream/converters/basic/ShortConverter.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
  jar/com/thoughtworks/xstream/converters/basic/DoubleConverter.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
  jar/com/thoughtworks/xstream/converters/basic/FloatConverter.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
  jar/com/thoughtworks/xstream/core/util/Base64JAXBCodec.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
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jar/com/thoughtworks/xstream/converters/collections/SingletonMapConverter.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
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  * /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/converters/reflection/SunUnsafeReflectionProvider.java
  
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Found in path(s):
  * /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/io/xml/Dom4JXmlWriter.java
  
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/converters/basic/NullConverter.java
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jar/com/thoughtworks/xstream/io/xml/WstxDriver.java
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jar/com/thoughtworks/xstream/annotations/Annotations.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/annotations/XStreamContainedType.java
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jar/com/thoughtworks/xstream/core/TreeMarshaller.java
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jar/com/thoughtworks/xstream/io/xml/PrettyPrintWriter.java
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* com.thoughtworks.xstream.converters.reflection.
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2.jar/com/thoughtworks/xstream/core/util/SelfStreamingInstanceChecker.java
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jar/com/thoughtworks/xstream/io/xml/DomReader.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/io/path/PathTracker.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/io/xml/XppDomReader.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/io/xml/XppDomWriter.java
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jar/com/thoughtworks/xstream/core/BaseException.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/core/ReferenceByXPathMarshallingStrategy.java
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  jar/com/thoughtworks/xstream/converters/SingleValueConverterWrapper.java

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  jar/com/thoughtworks/xstream/core/util/WeakCache.java

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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/security/WildcardTypePermission.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/security/NoPermission.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/security/ArrayTypePermission.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/security/RegExpTypePermission.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/security/NullPermission.java
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  jar/com/thoughtworks/xstream/io/naming/StaticNameCoder.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
  jar/com/thoughtworks/xstream/io/naming/NameCoderWrapper.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
  jar/com/thoughtworks/xstream/io/xml/XStream11NameCoder.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
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* Created on 08. January 2016 by Joerg Schaible, factored out from FieldAliasingMapper.
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Found in path(s):
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/mapper/ElementIgnoringMapper.java
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Found in path(s):
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/converters/extended/RegexPatternConverter.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/core/util/XmlHeaderAwareReader.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/core/AbstractReferenceUnmarshaller.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/core/util/FastField.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/converters/time/ZoneIdConverter.java
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Found in path(s):
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/converters/ZZZ/ZZZConverter.java
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Found in path(s):
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/io/xml/StandardStaxDriver.java
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Found in path(s):
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/mapper/AnnotationMapper.java
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Found in path(s):
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/core/AbstractTreeMarshallingStrategy.java
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  jar/com/thoughtworks/xstream/mapper/FieldAliasingMapper.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
  jar/com/thoughtworks/xstream/io/StreamException.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
  jar/com/thoughtworks/xstream/io/xml/xppdom/Xpp3DomBuilder.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
  jar/com/thoughtworks/xstream/io/xml/Dom4JReader.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/converters/ErrorHandler.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/io/xml/KXml2DomDriver.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/io/xml/AbstractXppDomDriver.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/io/xml/Xpp3DomDriver.java
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Found in path(s):
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/converters/reflection/FieldUtil14.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/converters/reflection/FieldUtil15.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/converters/basic/LongConverter.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/core/util/OrderRetainingMap.java
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Found in path(s):
*/opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/converters/reflection/XStream12FieldKeySorter.java
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Found in path(s):
*/opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/core/util/Fields.java
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Found in path(s):
*/opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/io/xml/JDom2Driver.java
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Found in path(s):
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2.jar/com/thoughtworks/xstream/io/xml/XmlFriendlyReplacer.java
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Found in path(s):
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2.jar/com/thoughtworks/xstream/annotations/XStreamAlias.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
  jar/com/thoughtworks/xstream/io/xml/XmlFriendlyReader.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
  jar/com/thoughtworks/xstream/io/xml/XmlFriendlyWriter.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
  jar/com/thoughtworks/xstream/converters/extended/DurationConverter.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
  jar/com/thoughtworks/xstream/converters/ConversionException.java
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  jar/com/thoughtworks/xstream/io/xml/xppdom/XppFactory.java

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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
  jar/com/thoughtworks/xstream/io/binary/BinaryStreamDriver.java

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jar/com/thoughtworks/xstream/mapper/DynamicProxyMapper.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/converters/reflection/MissingFieldException.java
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jar/com/thoughtworks/xstream/converters/basic/URIConverter.java
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  jar/com/thoughtworks/xstream/mapper/AbstractAttributeAliasingMapper.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
  jar/com/thoughtworks/xstream/mapper/SystemAttributeAliasingMapper.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/io/xml/xppdom/Xpp3Dom.java
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jar/com/thoughtworks/xstream/io/binary/Token.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/converters/javabean/BeanProperty.java
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Found in path(s):
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/io/AbstractDriver.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/converters/reflection/PureJavaReflectionProvider.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/core/util/PresortedSet.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/converters/extended/ISO8601GregorianCalendarConverter.java
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Found in path(s):
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/core/AbstractReferenceMarshaller.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/converters/time/JapaneseEraConverter.java
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jar/com/thoughtworks/xstream/io/path/PathTrackingWriter.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/mapper/ImplicitCollectionMapper.java
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jar/com/thoughtworks/xstream/core/util/Primitives.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/converters/basic/ByteConverter.java
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jar/com/thoughtworks/xstream/converters/collections/BitSetConverter.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/io/HierarchicalStreamDriver.java
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jar/com/thoughtworks/xstream/converters/time/MonthDayConverter.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/converters/time/PeriodConverter.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/converters/time/DurationConverter.java
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Found in path(s):
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/io/ReaderWrapper.java
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Found in path(s):
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/mapper/XStream11XmlFriendlyMapper.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2- jar/com/thoughtworks/xstream/mapper/AttributeAliasingMapper.java

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 */

/**
 * A SAX {@link org.xml.sax.XMLReader parser} that acts as an XStream
 * {@link com.thoughtworks.xstream.io.HierarchicalStreamWriter} to enable direct generation of a
 * SAX event flow from the XStream serialization of a list of list of Java objects.
 * As a
 * custom SAX parser, this class ignores the arguments of the two standard parse methods
 * ({@link #parse(java.lang.String)})
 * and ({@link #parse(org.xml.sax.InputSource)}) but relies on a proprietary SAX property
 * {@link #SOURCE_OBJECT_LIST_PROPERTY} to define the list of objects to serialize.
 * Configuration of this SAX parser is achieved through the standard
 * SAX property mechanism. While specific setter methods require direct
 * access to the parser instance, SAX properties support configuration settings to be propagated
 * through a chain of SAX filters down to the underlying parser
 * object.
 * This mechanism shall be used to configure the
 */
* Sets the value of a property.
  *<p>*
  * The property name is any fully-qualified URI. It is
  * possible for an XMLReader to recognize a property name but
  * to be unable to set its value.</p>
  * <p>*
  * XMLReaders are not required to recognize setting any
  * specific property names, though a core set is provided with
  * SAX2.</p>
  * <p>*
  * Some property values may be immutable or mutable only
  * in specific contexts, such as before, during, or after
  * a parse.</p>
  *<p>*
  * This method is also the standard mechanism for setting
  * extended handlers.</p>
  *<p>*
  *<strong>Note</strong>: This implementation only supports two
  * (proprietary) properties: [ @link #CONFIGURED_XSTREAM_PROPERTY ]
  * and [ @link #SOURCE_OBJECT_LIST_PROPERTY ].</p>
  *
  * @param name  the property name, which is a fully-qualified URI.
  * @param value the requested value for the property.
  * @throws SAXNotRecognizedException when the XMLReader does not
  * recognize the property name.
  * @throws SAXUnsupportedException when the XMLReader recognizes
  * the property name but cannot set
  * the requested value.
  * @see #getProperty
  */
/**
 * Parses an XML document from a system identifier (URI).
 *<p>*
 * This method is a shortcut for the common case of reading a
 * document from a system identifier. It is the exact
 * equivalent of the following:</p>
 *<blockquote>
 * parse(new InputSource(systemId));
 * </blockquote>
* <p>
* If the system identifier is a URL, it must be fully resolved
* by the application before it is passed to the parser.</p>
* 
* <p>
* <strong>Note</strong>: As a custom SAX parser, this class
* ignores the <code>systemId</code> argument of this method
* and relies on the proprietary SAX property
* [@link #SOURCE_OBJECT_LISTPROPERTY]) to define the list of
* objects to serialize.</p>
* 
* @param systemId the system identifier (URI).
* @throws SAXException Any SAX exception, possibly wrapping
* another exception.
* @see #parse(org.xml.sax.InputSource)
*/

Found in path(s):
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1.4.18-sources-2-
  jar/com/thoughtworks/xstream/io/xml/SaxWriter.java
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  jar/com/thoughtworks/xstream/converters/extended/ColorConverter.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2.jar/com/thoughtworks/xstream/converters/time/ThaiBuddhistDateConverter.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2.jar/com/thoughtworks/xstream/converters/time/MinguoDateConverter.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2.jar/com/thoughtworks/xstream/converters/time/AbstractChronoLocalDateConverter.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2.jar/com/thoughtworks/xstream/converters/time/JapaneseDateConverter.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2.jar/com/thoughtworks/xstream/converters/time/WeekFieldsConverter.java
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  jar/com/thoughtworks/xstream/io/xml/JDom2Writer.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
  jar/com/thoughtworks/xstream/io/xml/JDom2Reader.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/core/ReferenceByIdMarshaller.java
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/security/TypePermission.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
jar/com/thoughtworks/xstream/security/NoTypePermission.java
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jar/com/thoughtworks/xstream/security/AnyTypePermission.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-
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* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/converters/javabean/PropertySorter.java
* /opt/cola/permits/1209482410_1633086247.97/0/xstream-1-4-18-sources-2-jar/com/thoughtworks/xstream/converters/javabean/NativePropertySorter.java
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1.660 kerberos 1.16-2ubuntu0.2

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cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mech/gssapiP_spnego.h
lib/gss_mechs/mech_spnego/mech/spnego_mech.c
lib/krb5/kadm5/kadm_host_srv_names.c
lib/krb5/kdb/kdb_convert.c
lib/krb5/kdb/kdb_hdr.h
lib/krb5/kdb/kdb_log.c
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lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
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lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
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and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
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import: ../../../../fossene/db/schema/thing.yml

fields:
  site: string
  author: root

1.667 cassandra 3.11.0

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package org.apache.cassandra.auth;

import java.util.EnumSet;
import java.util.Set;
import com.google.common.collect.ImmutableSet;
import com.google.common.collect.Sets;

/**
 * An enum encapsulating the set of possible permissions that an authenticated user can have on a resource.
 * IAuthorizer implementations may encode permissions using ordinals, so the Enum order must never change order.
 * Adding new values is ok.
 */
public enum Permission {
    @Deprecated
    READ,
    @Deprecated
    WRITE,

    // schema and role management
    // CREATE, ALTER and DROP permissions granted on an appropriate DataResource are required for
    // CREATE KEYSPACE and CREATE TABLE.
    // ALTER KEYSPACE, ALTER TABLE, CREATE INDEX and DROP INDEX require ALTER permission on
    the
    // relevant DataResource.
    // DROP KEYSPACE and DROP TABLE require DROP permission.
    // In the context of Role management, these permissions may also be granted on a RoleResource.
    // CREATE is only granted on the root-level role resource, and is required to create new roles.
ALTER & DROP may be granted on either the root-level role resource, giving permissions on all roles, or on specific role-level resources.

CREATE,
ALTER,
DROP,

data access
SELECT, // required for SELECT on a table
MODIFY, // required for INSERT, UPDATE, DELETE, TRUNCATE on a DataResource.

permission management
AUTHORIZE, // required for GRANT and REVOKE of permissions or roles.

DESCRIBE, // required on the root-level RoleResource to list all Roles

UDF permissions
EXECUTE; // required to invoke any user defined function or aggregate

```java
public static final Set<Permission> ALL =
    Sets.immutableEnumSet(EnumSet.range(Permission.CREATE, Permission.EXECUTE));
public static final Set<Permission> NONE = ImmutableSet.of();
```
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1.670 sprig 3.1.0

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  /opt/cola/permits/1150725854_1617665500.1/0/spring-expression-5-1-11-release-sources-1.jar/org/springframework/expression/spel/ast/ValueRef.java
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1.697 lib-pq 1.9.0

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// +build go1.10

package pq

import (
    "context"
    "database/sql/driver"
)

// NoticeHandler returns the notice handler on the given connection, if any. A runtime panic occurs if c is not a pq connection. This is rarely used directly, use ConnectorNoticeHandler and ConnectorWithNoticeHandler instead.
func NoticeHandler(c driver.Conn) func(*Error) {
    return c.(*conn).noticeHandler
}

// SetNoticeHandler sets the given notice handler on the given connection. A runtime panic occurs if c is not a pq connection. A nil handler may be used to unset it. This is rarely used directly, use ConnectorNoticeHandler and ConnectorWithNoticeHandler instead.
//
// Note: Notice handlers are executed synchronously by pq meaning commands won't continue to be processed until the handler returns.
func SetNoticeHandler(c driver.Conn, handler func(*Error)) {
    c.(*conn).noticeHandler = handler
}
// NoticeHandlerConnector wraps a regular connector and sets a notice handler on it.
type NoticeHandlerConnector struct {
driver.Connector
noticeHandler func(*Error)
}

// Connect calls the underlying connector's connect method and then sets the notice handler.
func (n *NoticeHandlerConnector) Connect(ctx context.Context) (driver.Conn, error) {
c, err := n.Connector.Connect(ctx)
if err == nil {
SetNoticeHandler(c, n.noticeHandler)
}
return c, err
}

// ConnectorNoticeHandler returns the currently set notice handler, if any. If the given connector
// is not a result of ConnectorWithNoticeHandler, nil is returned.
func ConnectorNoticeHandler(c driver.Connector) func(*Error) {
if c, ok := c.(*NoticeHandlerConnector); ok {
return c.noticeHandler
}
return nil
}

// ConnectorWithNoticeHandler creates or sets the given handler for the given connector. If the given connector
// is a result of calling this function previously, it is simply set on the given connector and returned. Otherwise,
// this returns a new connector wrapping the given one and setting the notice handler. A nil notice handler may be used to unset it.
// The returned connector is intended to be used with database/sql.OpenDB.
// Note: Notice handlers are executed synchronously by pq meaning commands won't continue to be processed until the handler returns.
func ConnectorWithNoticeHandler(c driver.Connector, handler func(*Error)) *NoticeHandlerConnector {
if c, ok := c.(*NoticeHandlerConnector); ok {
c.noticeHandler = handler
return c
}
return &NoticeHandlerConnector{Connector: c, noticeHandler: handler}
}

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1.698 spring-web 5.1.11.RELEASE

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    jar/org/apache/cassandra/thrift/CounterColumn.java
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- jar/org/apache/cassandra/thrift/Mutation.java
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1.701 logging-interceptor 3.12.12

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* /opt/cola/permits/1258617833_1643096313.87/0/netty-codec-http2-4-1-71-final-sources-
jar/io/netty/handler/codec/http2/DefaultHttp2PriorityFrame.java
* /opt/cola/permits/1258617833_1643096313.87/0/netty-codec-http2-4-1-71-final-sources-
jar/io/netty/handler/codec/http2/Http2PriorityFrame.java
* /opt/cola/permits/1258617833_1643096313.87/0/netty-codec-http2-4-1-71-final-sources-
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* /opt/cola/permits/1258617833_1643096313.87/0/netty-codec-http2-4-1-71-final-sources-
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* /opt/cola/permits/1258617833_1643096313.87/0/netty-codec-http2-4-1-71-final-sources-
jar/io/netty/handler/codec/http2/DefaultHttp2UnknownFrame.java
* /opt/cola/permits/1258617833_1643096313.87/0/netty-codec-http2-4-1-71-final-sources-
jar/io/netty/handler/codec/http2/Http2ConnectionPrefaceAndSettingsFrameWrittenEvent.java
* /opt/cola/permits/1258617833_1643096313.87/0/netty-codec-http2-4-1-71-final-sources-
jar/io/netty/handler/codec/http2/Http2FrameStreamEvent.java
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jar/io/netty/handler/codec/http2/Http2MultiplexCodecBuilder.java
* /opt/cola/permits/1258617833_1643096313.87/0/netty-codec-http2-4-1-71-final-sources-
jar/io/netty/handler/codec/http2/Http2StreamChannelBootstrap.java
* /opt/cola/permits/1258617833_1643096313.87/0/netty-codec-http2-4-1-71-final-sources-
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* /opt/cola/permits/1258617833_1643096313.87/0/netty-codec-http2-4-1-71-final-sources-jar/io/netty/handler/codec/http2/HpackStaticTable.java

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jar/io/netty/handler/codec/http2/DecoratingHttp2ConnectionDecoder.java
* /opt/cola/permits/1258617833_1643096313.87/0/netty-codec-http2-4-1-71-final-sources-
jar/io/netty/handler/codec/http2/StreamByteDistributor.java
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* /opt/cola/permits/1258617833_1643096313.87/0/netty-codec-http2-4-1-71-final-sources-
jar/io/netty/handler/codec/http2/HttpToHttp2ConnectionHandlerBuilder.java
* /opt/cola/permits/1258617833_1643096313.87/0/netty-codec-http2-4-1-71-final-sources-
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  jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/xml/Processor.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/xml/SAXCodeAdapter.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/xml/SAXFieldAdapter.java

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**
/**
* Creates a new JSRInliner. <i>Subclasses must not use this constructor</i>. Instead, they must use the
* { @link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
* version.
*
* @param mv
* the <code>MethodVisitor</code> to send the resulting inlined method code to (use <code>null</code> for none).
* @param access
* the method's access flags (see { @link Opcodes}). This parameter also indicates if the method is synthetic and/or
deprecated.
* @param name
* the method's name.
* @param desc
* the method's descriptor (see { @link Type}).
* @param signature
* the method's signature. May be <tt>null</tt>.
* @param exceptions
* the internal names of the method's exception classes (see
* { @link Type#getName()}). May be <tt>null</tt>.
* @throws IllegalStateException
* If a subclass calls this constructor.
*/

Found in path(s):
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  jar/org/objectweb.asm/Opcodes.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb.asm/util/Printer.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/IntInsnNode.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/optimizer/MethodOptimizer.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/commons/InstructionAdapter.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/tree/LocalVariableNode.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/FieldWriter.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/tree/TypeAnnotationNode.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/tree/analysis/Value.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/ByteVector.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/optimizer/FieldConstantsCollector.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/optimizer/Constant.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/tree/InsnNode.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/tree/InnerClassNode.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/tree/analysis/Analyzer.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/tree/MethodInsnNode.java

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* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5.0-3-sources-1.jar/org/objectweb/asm/util/TraceFieldVisitor.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5.0-3-sources-1.jar/org/objectweb/asm/optimizer/ConstantPool.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5.0-3-sources-1.jar/org/objectweb/asm/util/ASMifier.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5.0-3-sources-1.jar/org/objectweb/asm/optimizer/JarOptimizer.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5.0-3-sources-1.jar/org/objectweb/asm/optimizer/ClassOptimizer.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5.0-3-sources-1.jar/org/objectweb/asm/MethodVisitor.java
jar/org/objectweb/asm/tree/TableSwitchInsnNode.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/util/CheckClassAdapter.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/tree/analysis/SourceValue.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/commons/SimpleRemapper.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/tree/inncInsnNode.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/tree/analysis/Frame.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/commons/RemappingVersionUIDAdder.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/optimizer/ClassConstantsCollector.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/tree/InvokeDynamicInsnNode.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/AnnotationWriter.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/tree/analysis/BasicValue.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/tree/TypeInsnNode.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/tree/LdcInsnNode.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/util/TraceClassVisitor.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/tree/VarInsnNode.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/tree/FieldInsnNode.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/util/TraceAnnotationVisitor.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/signature/SignatureVisitor.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/ClassReader.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/util/TraceAnnotationVisitor.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/ClassWriter.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/tree/ParameterNode.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/commons/RemappingMethodAdapter.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/tree/FieldInsnNode.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/optimizer/AnnotationConstantsCollector.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/tree/Frame.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/ClassReader.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
jar/org/objectweb/asm/util/TraceAnnotationVisitor.java
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/**
 * Constructs a new [@link Textifier]. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the [@link #Textifier(int)]
 * version.
 *
 * @throws IllegalStateException
 *             If a subclass calls this constructor.
 */

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* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/util/ASMifiable.java
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/util/Textifiable.java

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* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/TypePath.java
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/**
 * Constructs a new {@link ClassNode}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the { @link #ClassNode(int)}
 * version.
 *
 * @throws IllegalStateException
 *             If a subclass calls this constructor.
 */

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/**
 * Creates a new {@link AnalyzerAdapter}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 *{@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}
 * version.
 *
 * @param owner
 * the owner's class name.
 * @param access
 * the method's access flags (see {@link Opcodes}).
 * @param name
 * the method's name.
 * @param desc
 * the method's descriptor (see {@link Type}).
 * @param mv
 * the method visitor to which this adapter delegates calls. May
 * be <tt>null</tt>.
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

Found in path(s):
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* THE POSSIBILITY OF SUCH DAMAGE.
*/
/**
 * Constructs a new {@link LocalVariableAnnotationNode}. <i>Subclasses must
 * not use this constructor</i>. Instead, they must use the
 * {@link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)}
 * version.
 *
 * @param typeRef
 *          a reference to the annotated type. See {@link TypeReference}.
 * @param typePath
 *          the path to the annotated type argument, wildcard bound, array
 *          element type, or static inner type within 'typeRef'. May be
 *          <tt>null</tt> if the annotation targets 'typeRef' as a whole.
 * @param start
 *          the fist instructions corresponding to the continuous ranges
 *          that make the scope of this local variable (inclusive).
 * @param end
 *          the last instructions corresponding to the continuous ranges
 *          that make the scope of this local variable (exclusive). This
 *          array must have the same size as the 'start' array.
 * @param index
 *          the local variable's index in each range. This array must have
 *          the same size as the 'start' array.
 * @param desc
 *          the class descriptor of the annotation class.
 */

Found in path(s):
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/tree/LocalVariableAnnotationNode.java
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  jar/org/objectweb/asm/commons/package.html
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/util/package.html
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/tree/package.html
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/tree/analysis/package.html
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/package.html
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
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*/
/**
 * Creates a new {@link GeneratorAdapter}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * {@link #GeneratorAdapter(int, MethodVisitor, int, String, String)}
 * version.
 *
 * @param mv
 * the method visitor to which this adapter delegates calls.
 * @param access
 * the method's access flags (see {@link Opcodes}).
 * @param name
 * the method's name.
 * @param desc
 * the method's descriptor (see {@link Type Type}).
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

Found in path(s):
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* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/optimizer/shrink-frames.properties
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/optimizer/shrink-signatures.properties
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
  jar/org/objectweb/asm/optimizer/shrink-annotations.properties
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  jar/org/objectweb/asm/optimizer/shrink.properties
* /opt/cola/permits/1135840105_1613612936.29/0/asm-commons-5-0-3-sources-1-
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 * Creates a new {@link AnalyzerAdapter}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}
 * version.
 *
 * @param owner
 * the owner's class name.
 *
 * @param access
 * the method's access flags (see {@link Opcodes}).
 *
 * @param name
 * the method's name.
 *
 * @param desc
 * the method's descriptor (see {@link Type}).
 *
 * @param mv
 * the method visitor to which this adapter delegates calls. May
 * be <tt>null</tt>.
 *
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

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/**
 * Creates a new {@link GeneratorAdapter}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * { @link #GeneratorAdapter(int, MethodVisitor, int, String, String)}
 * version.
 *
 * @param mv
 * the method visitor to which this adapter delegates calls.
 * @param access
 * the method's access flags (see { @link Opcodes}).
 * @param name
 * the method's name.
 * @param desc
 * the method's descriptor (see { @link Type Type}).
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

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/**
* Creates a new JSRInliner. <i>Subclasses must not use this
* constructor</i>. Instead, they must use the
* {
* @link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
* version.
* *
* @param mv
* the <code>MethodVisitor</code> to send the resulting inlined
* method code to (use <code>null</code> for none).
* @param access
* the method's access flags (see { @link Opcodes }). This
* parameter also indicates if the method is synthetic and/or
* deprecated.
* @param name
* the method's name.
* @param desc
* the method's descriptor (see { @link Type }).
* @param signature
* the method's signature. May be <tt>null</tt>.
* @param exceptions
* the internal names of the method's exception classes (see
* {
* @link Type#getName()}
* ). May be <tt>null</tt>.
* @throws IllegalStateException
* If a subclass calls this constructor.
*/

Found in path(s):
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/**
 * Constructs a new subclass must
 * not use this constructor</i>. Instead, they must use the
 * { @link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)}
 * version.
 *
 * @param typeRef
 *       a reference to the annotated type. See { @link TypeReference}.
 * @param typePath
 *       the path to the annotated type argument, wildcard bound, array
 *       element type, or static inner type within 'typeRef'. May be
 *       <tt>null</tt> if the annotation targets 'typeRef' as a whole.
 * @param start
 *       the fist instructions corresponding to the continuous ranges
 *       that make the scope of this local variable (inclusive).
 * @param end
 *       the last instructions corresponding to the continuous ranges
 *       that make the scope of this local variable (exclusive). This
 *       array must have the same size as the 'start' array.
 * @param index
 *       the local variable's index in each range. This array must have
 *       the same size as the 'start' array.
 * @param desc
 *       the class descriptor of the annotation class.
 */

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/**
 * Constructs a new {@link Textifier}. <i>Subclasses must not use this constructor</i>. Instead, they must use the {@link #Textifier(int)} version.
 * @throws IllegalStateException If a subclass calls this constructor.
 */

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 */
/**
 * Constructs a new {@link ClassNode}. <i>Subclasses must not use this constructor</i>. Instead, they must use the {@link #ClassNode(int)} version.
 */
* @throws IllegalStateException
*             If a subclass calls this constructor.
* /

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1.712 hazelcast 3.11-BETA-1

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* /opt/cola/permits/1150725781_1617665521.08/0/spring-core-5-1-11-release-sources-2-
  jar/org/springframework/core/env/ConfigurablePropertyResolver.java
* /opt/cola/permits/1150725781_1617665521.08/0/spring-core-5-1-11-release-sources-2-
  jar/org/springframework/core/codec/Decoder.java
* /opt/cola/permits/1150725781_1617665521.08/0/spring-core-5-1-11-release-sources-2-
  jar/org/springframework/core/convert/support/CharacterToNumberFactory.java
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Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities
(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
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Just configure this file as the SSLCACertificateFile.#

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@(#) SRCSfile: certdata.txt,v $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $
1.717 listenablefuture 9999.0-empty-to-avoid-conflict-with-guava

1.718 commons-cli 1.1

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1.719 urfave-cli 1.18.0

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1.720 openssl 1.1.1k-r0

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1.722 swagger-models 2.1.6

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Manifest-Version: 1.0
Automatic-Module-Name: io.swagger.v3.oas.models
Bnd-LastModified: 1607101105030
Build-Jdk: 1.8.0_275
Built-By: runner
Bundle-Description: swagger-models
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.html
Bundle-ManifestVersion: 2
Bundle-Name: swagger-models
Bundle-SymbolicName: io.swagger.core.v3.swagger-models
Bundle-Version: 2.1.6
Created-By: Apache Maven Bundle Plugin

mode: development
package: io.swagger

Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-4.2.0.201903051501
url: https://github.com/swagger-api/swagger-core/modules/swagger-models

Found in path(s):
* /opt/cola/permits/1157317289_1619537219.72/0/swagger-models-2-1-6-jar/META-INF/MANIFEST.MF

1.723 sprig 3.2.0

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1.724 netty-transport-native-unix-common

4.1.71.Final

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  jar/io/netty/channel/unix/PeerCredentials.java
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  jar/io/netty/channel/unix/Limits.java
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  jar/io/netty/channel/unix/SocketWritableByteChannel.java
* /opt/cola/permits/1258617767_1643096298.49/0/netty-transport-native-unix-common-4.1-71-final-sources-
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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"

  assertSerializeJSON(t, license, licenseJSON)
  assertSerializeYAML(t, license, licenseYAML)
  assertParsesJSON(t, licenseJSON, license)
  assertParsesYAML(t, licenseYAML, license)
}

// 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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The of the start-stop-daemon

* A rewrite of the original Debian's start-stop-daemon Perl script
* in C (faster - it is executed many times during system startup).
* Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>,
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# Contributions to the urllib3 project

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In chronological order:

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  * HTTPS patch (which inspired HTTPSConnectionPool)

* erikcederstrand <http://code.google.com/u/erikcederstrand/>
  * NTLM-authenticated HTTPSConnectionPool
  * Basic-authenticated HTTPSConnectionPool (merged into make_headers)

* niphlod <niphlod@gmail.com>
  * Client-verified SSL certificates for HTTPSConnectionPool
  * Response gzip and deflate encoding support
  * Better unicode support for filepost using StringIO buffers

* btoconnor <brian@btoconnor.net>
  * Non-multipart encoding for POST requests

* p.dobrogost <http://code.google.com/u/@WBRSRIBZDhBFXQB6/>
  * Code review, PEP8 compliance, benchmark fix

* kennethreitz <me@kennethreitz.com>
  * Bugfixes, suggestions, Requests integration

* georgemarshall <http://github.com/georgemarshall>
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  * Design review, bugfixes, test coverage.

* studer <theo.studer@gmail.com>
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* Thomas Weischuh <thomas@t-8ch.de>
  * Support for TLS SNI
  * API unification of ssl_version/cert_reqs
  * SSL fingerprint and alternative hostname verification
  * Bugfixes in testsuite

* Sune Kirkeby <mig@ibofobi.dk>
  * Optional SNI-support for Python 2 via PyOpenSSL.

* Marc Schlaich <marc.schlaich@gmail.com>
  * Various bugfixes and test improvements.

* Bryce Boe <bbzbryce@gmail.com>
  * Correct six.moves conflict
  * Fixed pickle support of some exceptions

* Boris Figovsky <boris.figovsky@ravellosystems.com>
  * Allowed to skip SSL hostname verification

* Cory Benfield <http://lukasa.co.uk/about/>
  * Stream method for Response objects.
  * Return native strings in header values.
  * Generate 'Host' header when using proxies.

* Jason Robinson <jaywink@basshero.org>
  * Add missing WrappedSocket.fileno method in PyOpenSSL

* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  * Fixed a race condition

* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  * Added HTTPS (CONNECT) proxy support

* Stephen Holsapple <sholsapp@gmail.com>
  * Added abstraction for granular control of request fields

* Martin von Gagern <Martin.vGagern@gmx.net>
  * Support for non-ASCII header parameters

* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  * Support for separate connect and request timeouts

* Peter Waller <p@pwaller.net>
  * HTTPResponse.tell() for determining amount received over the wire
* Nipunn Koorapati <nipunn1313@gmail.com>
  * Ignore default ports when comparing hosts for equality

* Danilo @dbrgn <http://dbrgn.ch/>  
  * Disabled TLS compression by default on Python 3.2+
  * Disabled TLS compression in pyopenssl contrib module
  * Configurable cipher suites in pyopenssl contrib module

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
  * Account retries on proxy errors

* Nicolas Delaby <nicolas.delaby@ezeep.com>
  * Use the platform-specific CA certificate locations

* Josh Schneier <https://github.com/jschneier>
  * HTTPHeaderDict and associated tests and docs
  * Bugfixes, docs, test coverage

* Tahia Khan <http://tahia.tk/>
  * Added Timeout examples in docs

* Arthur Grunseid <http://grunseid.com>
  * source_address support and tests (with https://github.com/bui)

* Ian Cordasco <graffatcolmingov@gmail.com>
  * PEP8 Compliance and Linting
  * Add ability to pass socket options to an HTTP Connection

* Erik Tollerud <erik.tollerud@gmail.com>
  * Support for standard library io module.

* Krishna Prasad <kprasad.iitd@gmail.com>
  * Google App Engine documentation

* Aaron Meurer <asmeurer@gmail.com>
  * Added Url.url, which unparses a Url

* Evgeny Kapun <abacabadabacaba@gmail.com>
  * Bugfixes

* Benjamen Meyer <bm_witness@yahoo.com>
  * Security Warning Documentation update for proper capture

* Shivan Sornarajah <github@sornars.com>
  * Support for using ConnectionPool and PoolManager as context managers.

* Alex Gaynor <alex.gaynor@gmail.com>
  * Updates to the default SSL configuration
* Tomas Tomecek <ttomecek@redhat.com>
  * Implemented generator for getting chunks from chunked responses.

* tlynn <https://github.com/tlynn>
  * Respect the warning preferences at import.

* David D. Riddle <ddriddle@illinois.edu>
  * IPv6 bugfixes in testsuite

* Jon Wayne Parrott <jonwayne@google.com>
  * App Engine environment tests.

* John Krauss <https://github.com/talos>
  * Clues to debugging problems with `cryptography` dependency in docs

* Disassem <https://github.com/Disassem>
  * Fix pool-default headers not applying for url-encoded requests like GET.

* James Atherfold <jlatherfold@hotmail.com>
  * Bugfixes relating to cleanup of connections during errors.

* Christian Pedersen <https://github.com/chripede>
  * IPv6 HTTPS proxy bugfix

* Jordan Moldow <https://github.com/jmoldow>
  * Fix low-level exceptions leaking from `HTTPResponse.stream()`.
  * Bugfix for `ConnectionPool.urlopen(release_conn=False)`.
  * Creation of `HTTPConnectionPool.ResponseCls`.

* Predrag Gruevski <https://github.com/obi1kenobi>
  * Made cert digest comparison use a constant-time algorithm.

* Adam Talsma <https://github.com/a-tal>
  * Bugfix to ca_cert file paths.

* Evan Meagher <https://evanmeagher.net>
  * Bugfix related to `memoryview` usage in PyOpenSSL adapter

* John Vandenberg <jayvdb@gmail.com>
  * Python 2.6 fixes; pyflakes and pep8 compliance

* Andy Caldwell <andy.m.caldwell@googlemail.com>
  * Bugfix related to reusing connections in indeterminate states.

* Ville Skytt <ville.skytt@iki.fi>
  * Logging efficiency improvements, spelling fixes, Travis config.
* Shige Takeda <smtakeda@gmail.com>
  * Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response

* Jesse Shapiro <jesse@jesseshapiro.net>
  * Various character-encoding fixes/tweaks
  * Disabling IPv6 DNS when IPv6 connections not supported

* David Foster <http://dafoster.net/>
  * Ensure order of request and response headers are preserved.

* Jeremy Cline <jeremy@jcline.org>
  * Added connection pool keys by scheme

* Aviv Palivoda <palaviv@gmail.com>
  * History list to Retry object.
  * HTTPResponse contains the last Retry object.

* Nate Prewitt <nate.prewitt@gmail.com>
  * Ensure timeouts are not booleans and greater than zero.
  * Fixed infinite loop in `stream` when amt=None.
  * Added length_remaining to determine remaining data to be read.
  * Added enforce_content_length to raise exception when incorrect content-length received.

* Seth Michael Larson <sethmichaellarson@protonmail.com>
  * Created selectors backport that supports PEP 475.

* Alexandre Dias <alex.dias@smarkets.com>
  * Don't retry on timeout if method not in whitelist

* Moinuddin Quadri <moin18@gmail.com>
  * Lazily load idna package

* Tom White <s6yglez3@mail2tor.com>
  * Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.

* Tim Burke <tim.burke@gmail.com>
  * Stop buffering entire deflate-encoded responses.

* Tuukka Mustonen <tuukka.mustonen@gmail.com>
  * Add counter for status_forcelist retries.

* Erik Rose <erik@mozilla.com>
  * Bugfix to pyopenssl vendoring

* [Your name or handle] <[email or website]>
  * [Brief summary of your changes]

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1.736 jinja2 2.11.3

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* /opt/cola/permits/1160876753_1620411588.74/0/jinja2-2-11-3-1-tar-gz/Jinja2-2.11.3/LICENSE.rst

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Metadata-Version: 2.1
Name: Jinja2
Version: 2.11.3
Summary: A very fast and expressive template engine.
Home-page: https://palletsprojects.com/p/jinja/
Author: Armin Ronacher
Author-email: armin.ronacher@active-4.com
Maintainer: Pallets
Maintainer-email: contact@palletsprojects.com
License: BSD-3-Clause
Project-URL: Code, https://github.com/pallets/jinja
Description: Jinja

======

Jinja is a fast, expressive, extensible templating engine. Special placeholders in the template allow writing code similar to Python syntax. Then the template is passed data to render the final document.

It includes:

- Template inheritance and inclusion.
- Define and import macros within templates.
- HTML templates can use autoescaping to prevent XSS from untrusted user input.
- A sandboxed environment can safely render untrusted templates.
- AsyncIO support for generating templates and calling async functions.
- I18N support with Babel.
- Templates are compiled to optimized Python code just-in-time and cached, or can be compiled ahead-of-time.
- Exceptions point to the correct line in templates to make debugging easier.
- Extensible filters, tests, functions, and even syntax.

Jinja's philosophy is that while application logic belongs in Python if possible, it shouldn't make the template designer's job difficult by restricting functionality too much.

Installing
---------

Install and update using `pip`:

.. code-block:: text

    $ pip install -U Jinja2


In A Nutshell
-------------

.. code-block:: jinja

    {% extends "base.html" %}
    {% block title %}Members{% endblock %}
    {% block content %}
    <ul>
    {% for user in users %}
    <li><a href="{{ user.url }}">{{ user.username }}</a></li>
    {% endfor %}
    </ul>
    {% endblock %}

Links
-----

- Website: https://palletsprojects.com/p/jinja/
- Documentation: https://jinja.palletsprojects.com/
- Releases: https://pypi.org/project/Jinja2/
- Code: https://github.com/pallets/jinja
- Issue tracker: https://github.com/pallets/jinja/issues
- Test status: https://dev.azure.com/pallets/jinja/_build
- Official chat: https://discord.gg/t6rrQZH

Platform: UNKNOWN
Classifier: Development Status :: 5 - Production/Stable
import io
import re

from setuptools import find_packages
from setuptools import setup

with io.open("README.rst", "rt", encoding="utf8") as f:
    readme = f.read()

with io.open("src/jinja2/__init__.py", "rt", encoding="utf8") as f:
    version = re.search(r'__version__ = "(.*)"', f.read(), re.M).group(1)

setup(
    name="Jinja2",
    version=version,
    url="https://palletsprojects.com/p/jinja/",
    project_urls={
    "Documentation": "https://jinja.palletsprojects.com/",
    "Code": "https://github.com/pallets/jinja",
    "Issue tracker": "https://github.com/pallets/jinja/issues",
}),

No license file was found, but licenses were detected in source scan.
license="BSD-3-Clause",
author="Armin Ronacher",
author_email="armin.ronacher@active-4.com",
maintainer="Pallets",
maintainer_email="contact@palletsprojects.com",
description="A very fast and expressive template engine.",
long_description=readme,
classifiers=[
    "Development Status :: 5 - Production/Stable",
    "Environment :: Web Environment",
    "Intended Audience :: Developers",
    "License :: OSI Approved :: BSD License",
    "Operating System :: OS Independent",
    "Programming Language :: Python",
    "Programming Language :: Python :: 2",
    "Programming Language :: Python :: 2.7",
    "Programming Language :: Python :: 3",
    "Programming Language :: Python :: 3.5",
    "Programming Language :: Python :: 3.6",
    "Programming Language :: Python :: 3.7",
    "Programming Language :: Python :: 3.8",
    "Programming Language :: Python :: Implementation :: CPython",
    "Programming Language :: Python :: Implementation :: PyPy",
    "Topic :: Internet :: WWW/HTTP :: Dynamic Content",
    "Topic :: Software Development :: Libraries :: Python Modules",
    "Topic :: Text Processing :: Markup :: HTML",
],
packages=find_packages("src"),
package_dir={":" "src"},
include_package_data=True,
python_requires=">=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*, !=3.4.*",
install_requires=["MarkupSafe>=0.23"],
extras_require={"i18n": ["Babel>=0.8"]},
entry_points={"babel.extractors": ["jinja2 = jinja2.ext:babel_extract[i18n]"]},

Found in path(s):
* /opt/cola/permits/1160876753_1620411588.74/0/jinja2-2-11-3-1-tar-gz/Jinja2-2.11.3/setup.py

1.737 builder 0.0.0-20180802200727-47ae307949d0
1.737.1 Available under license:
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1.738 less 487 0.1

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1.742 python-idna 2.6 1

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1.744 jackson-databind 2.11.1

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1.746 e2fsprogs 1.44.1 1ubuntu1.3

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Index: tdbsa/tdb.c

--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@
 Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
 /*
 */
-/*
+/*
-   Unix SMB/CIFS implementation.
-   trivial database library - standalone version
+   trivial database library - private includes
+   trivial database library - standalone version
+   Copyright (C) Andrew Tridgell              2005
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Theodore Ts'o
23-June-2007

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That's all there is to it!
This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

http://sourceforge.net/projects/e2fsprogs

Upstream Author: Theodore Ts'o <tytso@mit.edu>

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This is the Debian GNU/Linux prepackaged version of the ss command-line interface parsing library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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# This is a Makefile stub which handles the creation of BSD shared # libraries.
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#
all:: image

real-subdirs:: Makefile
@echo "MKDIR pic"
@mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image:$(BSD_LIB)

$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
$(MV) pic/$(BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) `echo $(my_dir) | sed -e 's;lib/;;'"/$(BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSD_LIB)
@echo "INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) \
$(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB) \
@-$(LDCONFIG)

install-strip: install-shlibs-strip: install-shlibs

uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
$(RM) -rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)

This is the Debian GNU/Linux prepackaged version of the Common Error
Description library. It is currently distributed together with the EXT2 file
system utilities, which are otherwise packaged as "e2fsprogs".
This package was put together by Yann Dirson <dirson@debian.org>,
from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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Gadi Oxman, August 1995

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1.751 openssh 7.6p1-4ubuntu0.1

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/*OpenBSD: poll.h,v 1.11 2003/12/10 23:10:08 millert Exp */

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 */

/* OPENBSD ORIGINAL: sys/sys/poll.h */

#if !defined(HAVE_POLL) && !defined(HAVE_POLL_H)
#define COMPAT_POLL_H_

typedef struct pollfd {
    int fd;
    short events;
    short revents;
} pollfd_t;

typedef unsigned int nfds_t;
#define POLLIN 0x0001
#define POLLOUT 0x0004
#define POLLERR 0x0008
#define POLLHUP 0x0010
#define POLLNVAL 0x0020
#if 0
/* the following are currently not implemented */
#define POLLPRIO 0x0002
#define POLLRDNORM 0x0040
#define POLLNORM POLLRDNORM
#define POLLWRNORM POLLOUT
#define POLLRDBAND 0x0080
#define POLLWRBAND 0x0100
#endif
#define INFTIM (-1) /* not standard */

int poll(struct pollfd *, nfds_t, int);
#endif /* !_COMPAT_POLL_H_ */
#endif /* !HAVE_POLL_H */

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 */

#ifndef HAVE_SETRESGID
int setresgid(gid_t gid_t, gid_t gid_t);
#endif
#ifndef HAVE_SETRESUID
int setresuid(uid_t uid_t, uid_t uid_t);
#endif

/*
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 */

#ifndef HAVE_SETRESGID
int setresgid(gid_t gid_t, gid_t gid_t);
#endif
#ifndef HAVE_SETRESUID
int setresuid(uid_t uid_t, uid_t uid_t);
#endif


/*

#ifndef _BSD_WAITPID_H
#define _BSD_WAITPID_H

#ifndef HAVE_WAITPID
/* Clean out any potential issues */
#undef WIFEXITED
#undef WIFSTOPPED
#undef WIFSIGNALED

/* Define required functions to mimic a POSIX look and feel */
#define _W_INT(w) (*((int *)&(w)) /* convert union wait to int */
#define WIFEXITED(w) (!((_W_INT(w)) & 0377))
#define WIFSTOPPED(w)((_W_INT(w)) & 0100)
#define WIFSIGNALED(w) (!(WIFEXITED(w)) && !WIFSTOPPED(w))
#define WEXITSTATUS(w) ((int)(WIFEXITED(w) ? ((_W_INT(w) >> 8) & 0377) : -1))
#define WTERMSIG(w)((WIFSIGNALED(w) ? (_W_INT(w) & 0177) : -1))
#define WCOREFLAG 0x80
#define WCOREDUMP(w) ((_W_INT(w)) & WCOREFLAG)

/* Prototype */
pid_t waitpid(int, int *, int);

#endif /* !HAVE_WAITPID */
#endif /* _BSD_WAITPID_H */

*/

1.752 libuv 1.41.0
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* /opt/cola/permits/1150725836_1617665502.89/0/spring-aop-5-1-11-release-sources-2-jar/org/springframework/aop/framework/autoproxy/BeanFactoryAdvisorRetrievalHelper.java
* /opt/cola/permits/1150725836_1617665502.89/0/spring-aop-5-1-11-release-sources-2-jar/org/springframework/aop/aspectj/AbstractAspectInstanceFactory.java
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 */

/**
 * Searches the specified list for the specified object using the binary
 * search algorithm. The list must be sorted into ascending order according to
 * the specified comparator (as by the `{@link Collections#sort(List,
 * Comparator) Collections.sort(List, Comparator)}` method), prior to making
 * this call. If it is not sorted, the results are undefined.
 *
 * `Returns the index of the element in the list which has the specified
 * `{@code Relation}` to the specified object. So as to provide meaningful
 * results in all cases, `{@code -1}` is considered to be the index of negative
 * infinity, and `{@code list.size()}` is considered to be the index of positive
 * infinity. The exception is `{@link Relation#EQUAL EQUAL}`. If `{@code EQUAL}`
 * is specified and no equal element is found, `{@code -1}` is returned, but it
 * should not be interpreted as "negative infinity."
 *
 * `{p}`If there are duplicate elements, see the documentation on the relation
 * for more details.
 *
 * `{p}`This method runs in log(n) time for a random access list (which
 * provides near-constant-time positional access).
 *
 * `{param list the list to be searched.
 * @param e the value to be searched for.
 * @param comparator the comparator by which the list is ordered.
 * @return the index of element with the specified relation to the search key,
 * if it is contained in the list. Otherwise, if negative infinity has
* the specified relation (or if `@code relation` is `@code EQUAL` and
* the search key was not in the list), returns `@code -1`, or if
* positive infinity has the specified relation, returns `@code
* list.size()`.
* @throws NullPointerException if `@code key` is null and the specified
* comparator does not accept null values.
* @throws ClassCastException if the list contains elements that are not
* `<i>`mutually comparable`</i>` using the specified comparator, or the
* search key is not mutually comparable with the elements of the list
* using this comparator.
*/

Found in path(s):
* /opt/cola/permits/1110728216_1606847014.1/0/guava-r09-sources-1-
jar/com/google/common/collection/SortedLists.java

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jar/com/google/common/util/concurrent/TimeLimiter.java
* /opt/cola/permits/1110728216_1606847014.1/0/guava-r09-sources-1-
jar/com/google/common/util/concurrent/FakeTimeLimiter.java
* /opt/cola/permits/1110728216_1606847014.1/0/guava-r09-sources-1-
jar/com/google/common/util/concurrent/SimpleTimeLimiter.java
* /opt/cola/permits/1110728216_1606847014.1/0/guava-r09-sources-1-
jar/com/google/common/base/CaseFormat.java
* /opt/cola/permits/1110728216_1606847014.1/0/guava-r09-sources-1-
jar/com/google/common/io/PatternFilenameFilter.java
* /opt/cola/permits/1110728216_1606847014.1/0/guava-r09-sources-1-
jar/com/google/common/util/concurrent/Futures.java
* /opt/cola/permits/1110728216_1606847014.1/0/guava-r09-sources-1-
jar/com/google/common/util/concurrent/UncheckedTimeoutException.java
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* /opt/cola/permits/1110728216_1606847014.1/0/guava-r09-sources-1-0.jar/com/google/common/annotations/GwtIncompatible.java
* /opt/cola/permits/1110728216_1606847014.1/0/guava-r09-sources-1-0.jar/com/google/common/annotations/GwtCompatible.java

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* As of 2010/06/11, this method is identical to the (package private) hash
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*/

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/**
 * Wrapper around [@link System#arraycopy] so that it can be emulated
 * correctly in GWT.
 * 
 * &lt;p&gt;It is only intended for the case [@code src] and [@code dest] are
 * different. It also doesn't validate the types and indices.
 * 
 * &lt;p&gt;As of GWT 2.0, The built-in [@link System#arraycopy] doesn't work
 * in general case. See
 * http://code.google.com/p/google-web-toolkit/issues/detail?id=3621
 * for more details.
 */

Found in path(s):
*/
* /opt/cola/permits/1110728216_1606847014.1/0/guava-r09-sources-1-
  jar/com/google/common/collection/Platform.java
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* /opt/cola/permits/1110728216_1606847014.1/0/guava-r09-sources-1-jar/com/google/common/collection/LinkedHashMultiset.java
* /opt/cola/permits/1110728216_1606847014.1/0/guava-r09-sources-1-jar/com/google/common/io/LittleEndianDataOutputStream.java
* /opt/cola/permits/1110728216_1606847014.1/0/guava-r09-sources-1-jar/com/google/common/collection/ForwardingListIterator.java
* /opt/cola/permits/1110728216_1606847014.1/0/guava-r09-sources-1-jar/com/google/common/io/Closeables.java
* /opt/cola/permits/1110728216_1606847014.1/0/guava-r09-sources-1-jar/com/google/common/io/package-info.java
* /opt/cola/permits/1110728216_1606847014.1/0/guava-r09-sources-1-jar/com/google/common/io/InputSupplier.java
* /opt/cola/permits/1110728216_1606847014.1/0/guava-r09-sources-1-jar/com/google/common/base/Preconditions.java
* /opt/cola/permits/1110728216_1606847014.1/0/guava-r09-sources-1-jar/com/google/common/collection/EmptyImmutableSet.java
* /opt/cola/permits/1110728216_1606847014.1/0/guava-r09-sources-1-jar/com/google/common/io/CountingOutputStream.java
* /opt/cola/permits/1110728216_1606847014.1/0/guava-r09-sources-1-jar/com/google/common/collection/TreeMultimap.java
* /opt/cola/permits/1110728216_1606847014.1/0/guava-r09-sources-1-jar/com/google/common/util/concurrent/package-info.java
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* /opt/cola/permits/1110728216_1606847014.1/0/guava-r09-sources-1-jar/com/google/common/collection/MapDifference.java
* /opt/cola/permits/1110728216_1606847014.1/0/guava-r09-sources-1-jar/com/google/common/io/ByteStreams.java
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* /opt/cola/permits/1110728216_1606847014.1/jar/com/google/common/collection/ImmutableSet.java
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* /opt/cola/permits/1110728216_1606847014.1/jar/com/google/common/io/CountingInputStream.java
* /opt/cola/permits/1110728216_1606847014.1/jar/com/google/common/collection/HashMultiset.java
* /opt/cola/permits/1110728216_1606847014.1/jar/com/google/common/collect/Constraint.java
* /opt/cola/permits/1110728216_1606847014.1/jar/com/google/common/util/concurrent/AbstractListenableFuture.java

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* /opt/cola/permits/1110728216_1606847014.1/jar/com/google/common/collection/HashBiMap.java
* /opt/cola/permits/1110728216_1606847014.1/jar/com/google/common/io/Flushables.java
* /opt/cola/permits/1110728216_1606847014.1/jar/com/google/common/io/CharStreams.java
* /opt/cola/permits/1110728216_1606847014.1/jar/com/google/common/collection/AbstractMapEntry.java
* /opt/cola/permits/1110728216_1606847014.1/jar/com/google/common/collection/Multisets.java
* /opt/cola/permits/1110728216_1606847014.1/jar/com/google/common/io/Resources.java
* /opt/cola/permits/1110728216_1606847014.1/jar/com/google/common/base/Functions.java
* /opt/cola/permits/1110728216_1606847014.1/jar/com/google/common/collection/Constraint.java
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  jar/io/netty/handler/codec/haproxy/HAPermissionTLV.java
* /opt/cola/permits/1258617779_1643096300.22/0/netty-codec-haproxy-4-1-71-final-sources-
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jar/org/springframework/plugin/metadata/MetadataProvider.java
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* org.eclipse.jetty.orbit:javax.security.auth.message

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The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions. http://openjdk.java.net/legal/gplv2+ce.html

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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Apache

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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Mortbay

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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#*STARTUP: showall

* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

--------------------------------------------------------------------------
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 */

/* OPENBSD ORIGINAL: sys/sys/poll.h */

#if !defined(HAVE_POLL) && !defined(HAVE_POLL_H)
#ifndef_COMPAT_POLL_H_
#define_COMPAT_POLL_H_

typedef struct pollfd {
    int fd;
    short events;
}
typedef unsigned int nfds_t;

#define POLLIN 0x0001
#define POLLOUT 0x0004
#define POLLERR 0x0008
#define POLLHUP 0x0010
#define POLLNVAL 0x0020
#if 0
/* the following are currently not implemented */
#define POLLPRI 0x0002
#define POLLRDNDORM 0x0040
#define POLLNORM POLLRDNDORM
#define POLLWRNORM POLLOUT
#define POLLRDBAND 0x0080
#define POLLWRBAND 0x0100
#endif

#define INFTIM (-1) /* not standard */

int poll(struct pollfd *, nfds_t, int);
#endif /* !_COMPAT_POLL_H_ */
#endif /* !HAVE_POLL_H */

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* @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
* @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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#endif
#ifndef HAVE_SETRESUID
int setresuid(uid_t, uid_t, uid_t);
#endif
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*
*/

#ifndef BSD_WAITPID_H
#define BSD_WAITPID_H

#ifndef HAVE_WAITPID
/* Clean out any potential issues */
#undef WIFEXITED
#undef WIFSTOPPED
#undef WIFSIGNALED

/* Define required functions to mimic a POSIX look and feel */
#define _W_INT(w) (*(int*)&(w)) /* convert union wait to int */
#define WIFEXITED(w) (!(_W_INT(w) & 0377))
#define WIFSTOPPED(w) (_W_INT(w) & 0100)
#define WIFSIGNALED(w) (!WIFEXITED(w) && !WIFSTOPPED(w))
#define WEXITSTATUS(w) (int)(WIFEXITED(w) ? ((_W_INT(w) >> 8) & 0377) : -1)
#define WTERMSIG(w) (int)(WIFSIGNALED(w) ? (_W_INT(w) & 0177) : -1)
#define WCOREFLAG 0x80
#define WCOREDUMP(w) ((_W_INT(w)) & WCOREFLAG)

/* Prototype */
pid_t waitpid(int, int *, int);
#endif /* !HAVE_WAITPID */
#endif /* _BSD_WAITPID_H */
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1.785 python 3.5.3

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History of the software

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see https://www.cwi.nl/) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see https://www.cnri.reston.va.us/) in Reston, Virginia where he released several versions of the software.
In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation; see http://www.zope.com/). In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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Mersenne Twister

---------------

The :mod:`_random` module includes code based on a download from http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html. The following are the verbatim comments from the original code:

A C-program for MT19937, with initialization improved 2002/1/26.
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using init_genrand(seed)
or init_by_array(init_key, key_length).

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Sockets
-------

The :mod:`socket` module uses the functions, :func:`getaddrinfo`, and
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Modified by Jack Jansen, CWI, July 1995:
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--------------------------

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-------------

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--------

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Original location:
   https://github.com/majek/csiphash/

Solution inspired by code from:
   Samuel Neves (supercop/crypto_auth/siphash24/little)
   djb (supercop/crypto_auth/siphash24/little2)
   Jean-Philippe Aumasson (https://131002.net/siphash/siphash24.c)

strtod and dtoa
-------------

The file :file:`Python/dtoa.c`, which supplies C functions dtoa and
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python’s
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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<th>Owner</th>
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*/

Index: tdbsa/tdb.c

===================================================================
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
*/
/*
*/
- Unix SMB/CIFS implementation.
+ trivial database library - standalone version

- trivial database library - private includes
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This package was added to the e2fsprogs debian source package by Theodore T's'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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This is the Debian GNU/Linux prepackaged version of the ss command-line interface parsing library. It is currently distributed together with the EXT2 file system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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#
# This is a Makefile stub which handles the creation of BSD shared libraries.
#
# In order to use this stub, the following makefile variables must be defined.
#
# # BSDLIB_VERSION = 1.0
# # BSDLIB_IMAGE = libce
# # BSDLIB_MYDIR = et
# # BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#
all:: image

real-subdirs:: Makefile
@echo "MKDIR pic"
@mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image: $(BSD_LIB)

$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
$($MV) pic/$(BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ../$(LN) $(LINK_BUILD_FLAGS) `echo $(my_dir) | sed -e 's;lib/;;'`/$(BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSD_LIB)
@echo "INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB)
$(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
@-$(LDCONFIG)

install-strip: install

install-shlibs-strip: install-shlibs
uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
$(RM) -rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)
This is the Debian GNU/Linux prepackaged version of the Common Error
Description library. It is currently distributed together with the EXT2 file
system utilities, which are otherwise packaged as "e2fsprogs".

This package was put together by Yann Dirson <dirson@debian.org>,
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Gadi Oxman, August 1995

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<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
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  <developers>
    <developer>
      <id>hrldcpr</id>
      <name>Harold Cooper</name>
      <email>hrldcpr@gmail.com</email>
    </developer>
  </developers>
</project>
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Found in path(s):
* /opt/cola/permits/1257532442_1642861246.15/0/pcollections-3-0-5-sources-jar/META-INF/maven/org.pcollections/pcollections/pom.xml

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Found in path(s):
* /opt/cola/permits/1257532442_1642861246.15/0/pcollections-3-0-5-sources-jar/org/pcollections/PBag.java
* /opt/cola/permits/1257532442_1642861246.15/0/pcollections-3-0-5-sources-jar/org/pcollections/ConsPStack.java
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* /opt/cola/permits/1257532442_1642861246.15/0/pcollections-3-0-5-sources-jar/org/pcollections/PSequence.java

1.792 spring-boot-starter-actuator

2.1.10.RELEASE

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<name>Apache License, Version 2.0</name>

Found in path(s):
1.793 exporter-prometheus 0.1.0

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1.794 coreutils 8.28 1ubuntu1
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1.795 python-defaults 3.6.7-1~18.04

1.795.1 Available under license:

This is the Debian GNU/Linux prepackaged version of the Python programming language. Python was written by Guido van Rossum <guido@cwi.nl> and others.

This package was put together by Klee Dienes <klee@debian.org> from sources from ftp.python.org:/pub/python, based on the Debianization by the previous maintainers Bernd S. Brentrup <bsb@uni-muenster.de> and Bruce Perens.

Current maintainer is Matthias Klose <doko@debian.org> until the final 2.3 version is released.

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A. HISTORY OF THE SOFTWARE

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.
In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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/opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/ServletContextCleaner.java

1.801 jetty-servlets 9.4.35.v20201120

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org.ow2.asm:asm-commons
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org.apache.tomcat:tomcat-jasper
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org.eclipse.jetty.toolchain:jetty-schemas

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1.824 jetty-security 9.4.35.v20201120

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* org.eclipse.jetty.orbit.org.eclipse.jdt.core

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* org.eclipse.jetty.orbit.jarx.security.auth.message

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* org.eclipse.jetty.orbit.jarx.mail.glassfish

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Oracle
The following artifacts are CDDL + GPLv2 with classpath exception. 
https://glassfish.dev.java.net/nonav/public/CDDL-GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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1.825 netty-codec-xml 4.1.71.Final
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* /opt/cola/permits/1258617629_1643096350.24/0/netty-codec-xml-4-1-71-final-sources-
  jar/io/netty/handler/codec/xml/XmlSpace.java
* /opt/cola/permits/1258617629_1643096350.24/0/netty-codec-xml-4-1-71-final-sources-
  jar/io/netty/handler/codec/xml/XmlCharacters.java
* /opt/cola/permits/1258617629_1643096350.24/0/netty-codec-xml-4-1-71-final-sources-
  jar/io/netty/handler/codec/xml/XmlNamespace.java
* /opt/cola/permits/1258617629_1643096350.24/0/netty-codec-xml-4-1-71-final-sources-
  jar/io/netty/handler/codec/xml/XmlDocumentEnd.java
* /opt/cola/permits/1258617629_1643096350.24/0/netty-codec-xml-4-1-71-final-sources-
  jar/io/netty/handler/codec/xml/XmlDTD.java
* /opt/cola/permits/1258617629_1643096350.24/0/netty-codec-xml-4-1-71-final-sources-
  jar/io/netty/handler/codec/xml/XmlElementEnd.java
* /opt/cola/permits/1258617629_1643096350.24/0/netty-codec-xml-4-1-71-final-sources-
  jar/io/netty/handler/codec/xml/XmlProcessingInstruction.java
* /opt/cola/permits/1258617629_1643096350.24/0/netty-codec-xml-4-1-71-final-sources-
  jar/io/netty/handler/codec/xml/XmlEntityReference.java
* /opt/cola/permits/1258617629_1643096350.24/0/netty-codec-xml-4-1-71-final-sources-
  jar/io/netty/handler/codec/xml/XmlComment.java
* /opt/cola/permits/1258617629_1643096350.24/0/netty-codec-xml-4-1-71-final-sources-
  jar/io/netty/handler/codec/xml/XmlAttribute.java
* /opt/cola/permits/1258617629_1643096350.24/0/netty-codec-xml-4-1-71-final-sources-
  jar/io/netty/handler/codec/xml/XmlDecoder.java
* /opt/cola/permits/1258617629_1643096350.24/0/netty-codec-xml-4-1-71-final-sources-
  jar/io/netty/handler/codec/xml/XmlElement.java
* /opt/cola/permits/1258617629_1643096350.24/0/netty-codec-xml-4-1-71-final-sources-
  jar/io/netty/handler/codec/xml/package-info.java
* /opt/cola/permits/1258617629_1643096350.24/0/netty-codec-xml-4-1-71-final-sources-
  jar/io/netty/handler/codec/xml/XmlElementStart.java
* /opt/cola/permits/1258617629_1643096350.24/0/netty-codec-xml-4-1-71-final-sources-
  jar/io/netty/handler/codec/xml/XmlDocumentStart.java
* /opt/cola/permits/1258617629_1643096350.24/0/netty-codec-xml-4-1-71-final-sources-
  jar/io/netty/handler/codec/xml(XmlCdata.java
* /opt/cola/permits/1258617629_1643096350.24/0/netty-codec-xml-4-1-71-final-sources-
  jar/io/netty/handler/codec/xml/XmlContent.java

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1.826 libtls-standalone 2.9.1-r0

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1.827 zlib 1.2.11

1.827.1 Available under license:
/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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1.828 go-colorable 0.0.9
1.828.1 Available under license :
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* /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/zip/BitOutputStream.java
* /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/zip/Compressor.java
* /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/zip/Keep.java
* /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/zip/BitInputStream.java
* /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/zip/MapKeep.java
* /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/zip/PostMortem.java
* /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/zip/TrieKeep.java
* /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/zip/JSONzip.java
* /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/zip/Huff.java
* /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/Kim.java

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* /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/HTTP.java
* /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/Property.java
* /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/CookieList.java
* /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/JSONTokener.java
* /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/XML.java
* /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/CDL.java
* /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/XMLTokener.java
* /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/HTTPTokener.java

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* /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/JSONStringer.java

1.830 xiang90-probing 0.0.1

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* /opt/ws_local/PERMITS_SQL/1078139193_1600436032.4/0/jackson-core-asl-1-9-2-sources-
  jar/org/codehaus/jackson/JsonStreamContext.java
* /opt/ws_local/PERMITS_SQL/1078139193_1600436032.4/0/jackson-core-asl-1-9-2-sources-
  jar/org/codehaus/jackson/Base64Variant.java
* /opt/ws_local/PERMITS_SQL/1078139193_1600436032.4/0/jackson-core-asl-1-9-2-sources-
  jar/org/codehaus/jackson/JsonParser.java
* /opt/ws_local/PERMITS_SQL/1078139193_1600436032.4/0/jackson-core-asl-1-9-2-sources-
  jar/org/codehaus/jackson/JsonFactory.java
* /opt/ws_local/PERMITS_SQL/1078139193_1600436032.4/0/jackson-core-asl-1-9-2-sources-
  jar/org/codehaus/jackson/Base64Variants.java
* /opt/ws_local/PERMITS_SQL/1078139193_1600436032.4/0/jackson-core-asl-1-9-2-sources-
  jar/org/codehaus/jackson/util/ByteArrayBuilder.java

1.834 diffutils 3.6-1
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1.837 netty-codec-dns 4.1.71.Final

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jar/io/netty/handler/codec/dns/TcpDnsResponseEncoder.java
* /opt/cola/permits/1258617801_1643096293.24/0/netty-codec-dns-4-1-71-final-sources-
jar/io/netty/handler/codec/dns/TcpDnsQueryDecoder.java

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* /opt/cola/permits/1258617801_1643096293.24/0/netty-codec-dns-4-1-71-final-sources-jar/io/netty/handler/codec/dns/DefaultDnsPtrRecord.java

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* /opt/cola/permits/1258617801_1643096293.24/0/netty-codec-dns-4.1.71-final-sources.jar/io/netty/handler/codec/dns/DnsRecordType.java
* /opt/cola/permits/1258617801_1643096293.24/0/netty-codec-dns-4.1.71-final-sources.jar/io/netty/handler/codec/dns/DnsSection.java

1.838 springfox-schema 2.6.1

1.839 easyjson 0.7.0
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* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-
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* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4.jar/javassist/compiler/ast/StringL.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4.jar/javassist/scopedpool/ScopedClassPoolRepositoryImpl.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4.jar/javassist/CtNewNestedClass.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4.jar/javassist/compiler/ast/Member.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4.jar/javassist/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4.jar/javassist/bytecode/FieldAccess.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4.jar/javassist/bytecode/FieldInfo.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4.jar/javassist/bytecode/InstructionPrinter.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4.jar/javassist/bytecode/analysis/SubroutineScanner.java

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1.841 kubernetes-model-common 4.10.2

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* /opt/cola/permits/1257332991_1642801937.07/0/kubernetes-model-common-4-10-2-sources-
  jar/io/fabric8/kubernetes/model/annotation/ApiGroup.java
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* /opt/cola/permits/1257332991_1642801937.07/0/kubernetes-model-common-4-10-2-sources-
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* /opt/cola/permits/1257332991_1642801937.07/0/kubernetes-model-common-4-10-2-sources-
  jar/io/fabric8/kubernetes/model/annotation/PackageSuffix.java

1.842 giflib 5.1.4 r2

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* /opt/cola/permits/1150725763_1617665536.65/0/spring-boot-starter-logging-2-1-10-release-sources-3-jar/META-INF/maven/org.springframework.boot/spring-boot-starter-logging/pom.xml
1.849 x-text 0.3.4

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Upstream-Name: golang.org/x/text
Source: https://go.googlesource.com/text/
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1.850 certifi-gocertifi 0.0.0-20200211180108-c7c1fbc02894

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ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities
(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
It contains the certificates in PEM format and therefore
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Just configure this file as the SSLCACertificateFile.#

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@(#) $RCSfile: certdata.txt,v $ $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $

1.851 curl 7.58.0 2ubuntu3.13

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1.852 hazelcast-client-protocol 1.7.0-8

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* /opt/cola/permits/1258617846_1643096325.36/0/hazelcast-client-protocol-1-7-0-8-sources-jar/com/hazelcast/client/impl/protocol/task/queue/QueuePollMessageTask.java
* /opt/cola/permits/1258617846_1643096325.36/0/hazelcast-client-protocol-1-7-0-8-sources-jar/com/hazelcast/client/impl/protocol/task/cache/CacheDestroyMessageTask.java
* /opt/cola/permits/1258617846_1643096325.36/0/hazelcast-client-protocol-1-7-0-8-sources-jar/com/hazelcast/client/impl/protocol/task/list/ListAddMessageTask.java
* /opt/cola/permits/1258617846_1643096325.36/0/hazelcast-client-protocol-1-7-0-8-sources-jar/com/hazelcast/client/impl/protocol/template/EventResponseTemplate.java
* /opt/cola/permits/1258617846_1643096325.36/0/hazelcast-client-protocol-1-7-0-8-sources-jar/com/hazelcast/client/impl/protocol/task/replicatedmap/ReplicatedMapAddEntryListenerToKeyWithPredicateMessageTask.java
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* /opt/cola/permits/1258617846_1643096325.36/0/hazelcast-client-protocol-1-7-0-8-sources-jar/com/hazelcast/client/impl/protocol/task/map/AbstractMapQueryMessageTask.java
* /opt/cola/permits/1258617846_1643096325.36/0/hazelcast-client-protocol-1-7-0-8-sources-jar/com/hazelcast/client/impl/protocol/task/map/MapSetMessageTask.java
* /opt/cola/permits/1258617846_1643096325.36/0/hazelcast-client-protocol-1-7-0-8-sources-jar/com/hazelcast/client/impl/protocol/task/transaction/TransactionCommitMessageTask.java
* /opt/cola/permits/1258617846_1643096325.36/0/hazelcast-client-protocol-1-7-0-8-sources-jar/com/hazelcast/client/impl/protocol/template/ListCodecTemplate.java
* /opt/cola/permits/1258617846_1643096325.36/0/hazelcast-client-protocol-1-7-0-8-sources-jar/com/hazelcast/client/impl/protocol/template/package-info.java
* /opt/cola/permits/1258617846_1643096325.36/0/hazelcast-client-protocol-1-7-0-8-sources-jar/com/hazelcast/client/impl/protocol/task/transactionalmap/TransactionalMapReplaceIfSameMessageTask.java
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* /opt/cola/permits/1258617846_1643096325.36/0/hazelcast-client-protocol-1-7-0-8-sources.jar/com/hazelcast/client/impl/protocol/task/multimap/MultiMapRemoveEntryMessageTask.java
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* /opt/cola/permits/1258617846_1643096325.36/0/hazelcast-client-protocol-1-7-0-8-sources.jar/com/hazelcast/client/impl/protocol/task/dynamicconfig/AddMultiMapConfigMessageTask.java
* /opt/cola/permits/1258617846_1643096325.36/0/hazelcast-client-protocol-1-7-0-8-sources.jar/com/hazelcast/client/impl/protocol/task/queue/QueueSizeMessageTask.java
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* /opt/cola/permits/1258617846_1643096325.36/0/hazelcast-client-protocol-1-7-0-8-sources.jar/com/hazelcast/client/impl/protocol/task/atomiclong/AtomicLongIncrementAndGetMessageTask.java
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*/opt/cola/permits/1258617846_1643096325.36/0/hazelcast-client-protocol-1-7-0-8-sources-jar/com/hazelcast/client/impl/protocol/template/AtomicReferenceCodecTemplate.java
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*/opt/cola/permits/1258617846_1643096325.36/0/hazelcast-client-protocol-1-7-0-8-sources-jar/com/hazelcast/client/impl/protocol/template/ResponseTemplate.java
*/opt/cola/permits/1258617846_1643096325.36/0/hazelcast-client-protocol-1-7-0-8-sources-jar/com/hazelcast/client/impl/protocol/task/map/MapGetAllMessageTask.java
*/opt/cola/permits/1258617846_1643096325.36/0/hazelcast-client-protocol-1-7-0-8-sources-jar/com/hazelcast/client/impl/protocol/task/cardinality/CardinalityEstimatorAddMessageTask.java
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1.853 netty-transport-rxtx 4.1.71.Final
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1.854 wheel 0.30.0

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1.855 spring-beans 5.1.11.RELEASE

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* /opt/cola/permits/1150725683_1617665539.78/0/spring-beans-5-1-11-release-sources-2-jar/org/springframework/beans/factory/support/MethodOverrides.java
* /opt/cola/permits/1150725683_1617665539.78/0/spring-beans-5-1-11-release-sources-2-jar/org/springframework/beans/factory/support/DefaultSingletonBeanRegistry.java
* /opt/cola/permits/1150725683_1617665539.78/0/spring-beans-5-1-11-release-sources-2-jar/org/springframework/beans/factory/support/ConstructorResolver.java
* /opt/cola/permits/1150725683_1617665539.78/0/spring-beans-5-1-11-release-sources-2-jar/org/springframework/beans/factory/support/AbstractBeanDefinition.java
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* /opt/cola/permits/1150725683_1617665539.78/0/spring-beans-5-1-11-release-sources-2-jar/org/springframework/beans/factory/xml/ResourceEntityResolver.java
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* /opt/cola/permits/1150725683_1617665539.78/0/spring-beans-5-1-11-release-sources-2-jar/org/springframework/beans/factory/config/RuntimeBeanNameReference.java
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1.858 icu 60.2-3ubuntu3.2

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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so
## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.$(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.$(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
```
$$\text{(COMPILE.cc) (DYNAMICCPPFLAGS) (DYNAMICCXXFLAGS) -o @ @<}$$

```bash
## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for "$<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed "s/\(^\*\(.*\)\)\.o [ ]*: /\1.o $@ : /g" > $@; \
- s $@ ] || rm -f $@'

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for "$<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \
| sed "s/\(^\*\(.*\)\)\.o [ ]*: /\1.o $@ : /g" > $@; \
- s $@ ] || rm -f $@'

## Versioned libraries rules
%.$@.$(SO).$(SO_TARGET_VERSION_MAJOR): %.$@.$(SO_TARGET_VERSION)
$(RM) $@ && ln -s ${<F} $@

%.$@: %.$@.$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s {<F}.$@.$(SO).$(SO_TARGET_VERSION) $@

## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

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1.859 jetty-servlet 9.4.35.v20201120

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

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* org.eclipse.jetty.orbit:javax.mail.glassfish

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

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* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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Apache
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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util
org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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golang-lru

This provides the `lru` package which implements a fixed-size thread safe LRU cache. It is based on the cache in Groupcache.

Documentation

Full docs are available on [Godoc](http://godoc.org/github.com/hashicorp/golang-lru)

Example

====
Using the LRU is very simple:

```go
... go
l, _ := New(128)
for i := 0; i < 256; i++ {
    l.Add(i, nil)
}
if l.Len() != 128 {
    panic(fmt.Sprintf("bad len: %v", l.Len()))
}
...
```

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package spec

import (
    "encoding/json"

    "github.com/go-openapi/swag"
)

// License information for the exposed API.

// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
    LicenseProps
    VendorExtensible
}

type LicenseProps struct {
    Name string `json:"name,omitempty"
    URL  string `json:"url,omitempty"
}

func (l *License) UnmarshalJSON(data []byte) error {
    if err := json.Unmarshal(data, &l.LicenseProps); err != nil {
        return err
    }
    return json.Unmarshal(data, &l.VendorExtensible)
}

func (l License) MarshalJSON() ([]byte, error) {
    b1, err := json.Marshal(l.LicenseProps)
    if err != nil {
        return nil, err
    }
    b2, err := json.Marshal(l.VendorExtensible)
    if err != nil {
        return nil, err
    }
    return swag.ConcatJSON(b1, b2), nil
}

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package simplelru

    // LRUcache is the interface for simple LRU cache.
type LRUcache interface {
    Add(key, value interface{}) bool
    // Returns key's value from the cache and
    // updates the "recently used"-ness of the key. #value, isFound
Get(key interface{}) (value interface{}, ok bool)

// Checks if a key exists in cache without updating the recent-ness.
Contains(key interface{}) (ok bool)

// Returns key's value without updating the "recently used"-ness of the key.
Peek(key interface{}) (value interface{}, ok bool)

// Removes a key from the cache.
Remove(key interface{}) bool

// Removes the oldest entry from cache.
RemoveOldest() (interface{}, interface{}, bool)

// Returns the oldest entry from the cache. #key, value, isFound
GetOldest() (interface{}, interface{}, bool)

// Returns a slice of the keys in the cache, from oldest to newest.
Keys() []interface{}

// Returns the number of items in the cache.
Len() int

// Clears all cache entries.
Purge()

// Resizes cache, returning number evicted
Resize(int) int
}

package goautoneg
import "bitbucket.org/ww/goautoneg"

HTTP Content-Type Autonegotiation.

The functions in this package implement the behaviour specified in
http://www.w3.org/Protocols/rfc2616/rfc2616-sec14.html

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FUNCTIONS

func Negotiate(header string, alternatives []string) (content_type string)
Negotiate the most appropriate content_type given the accept header and a list of alternatives.

func ParseAccept(header string) (accept []Accept)
Parse an Accept Header string returning a sorted list of clauses

TYPES

type Accept struct {
    Type, SubType string
    Q float32
    Params map[string]string
}
Structure to represent a clause in an HTTP Accept Header

SUBDIRECTORIES

.hg
package lru

import (
    "sync"
    "github.com/hashicorp/golang-lru/simplelru"
)

// Cache is a thread-safe fixed size LRU cache.
type Cache struct {
    lru  simplelru.LRUCache
    lock sync.RWMutex
}

// New creates an LRU of the given size.
func New(size int) (*Cache, error) {
    return NewWithEvict(size, nil)
}

// NewWithEvict constructs a fixed size cache with the given eviction callback.
func NewWithEvict(size int, onEvicted func(key interface{}, value interface{})) (*Cache, error) {
    lru, err := simplelru.NewLRU(size, simplelru.EvictCallback(onEvicted))
    if err != nil {
        return nil, err
    }
    c := &Cache{
        lru: lru,
    }
    return c, nil
}

// Purge is used to completely clear the cache.
func (c *Cache) Purge() {
    c.lock.Lock()
    c.lru.Purge()
    c.lock.Unlock()
}

// Add adds a value to the cache. Returns true if an eviction occurred.
func (c *Cache) Add(key, value interface{}) (evicted bool) {
    c.lock.Lock()
    evicted = c.lru.Add(key, value)
    c.lock.Unlock()
    return evicted
}

// Get looks up a key's value from the cache.
func (c *Cache) Get(key interface{}) (value interface{}, ok bool) {
    c.lock.Lock()
    value, ok = c.lru.Get(key)
    c.lock.Unlock()
    return value, ok
}

// Contains checks if a key is in the cache, without updating the
// recent-ness or deleting it for being stale.
func (c *Cache) Contains(key interface{}) bool {
    c.lock.RLock()
    containKey := c.lru.Contains(key)
    c.lock.RUnlock()
    return containKey
}

// Peek returns the key value (or undefined if not found) without updating
// the "recently used"-ness of the key.
func (c *Cache) Peek(key interface{}) (value interface{}, ok bool) {
    c.lock.RLock()
    value, ok = c.lru.Peek(key)
    c.lock.RUnlock()
    return value, ok
}

// ContainsOrAdd checks if a key is in the cache without updating the
// recent-ness or deleting it for being stale, and if not, adds the value.
// Returns whether found and whether an eviction occurred.
func (c *Cache) ContainsOrAdd(key, value interface{}) (ok, evicted bool) {
    c.lock.Lock()
    defer c.lock.Unlock()

    if c.lru.Contains(key) {
        return true, false
    }
    evicted = c.lru.Add(key, value)
    return false, evicted
}

// PeekOrAdd checks if a key is in the cache without updating the
// recent-ness or deleting it for being stale, and if not, adds the value.
// Returns whether found and whether an eviction occurred.
func (c *Cache) PeekOrAdd(key, value interface{}) (previous interface{}, ok, evicted bool) {
    c.lock.Lock()
    defer c.lock.Unlock()

    previous, ok = c.lru.Peek(key)
    if ok {

return previous, true, false

}

evicted = c.lru.Add(key, value)
return nil, false, evicted

// Remove removes the provided key from the cache.
func (c *Cache) Remove(key interface{}) (present bool) {
c.lock.Lock()
present = c.lru.Remove(key)
c.lock.Unlock()
return
}

// Resize changes the cache size.
func (c *Cache) Resize(size int) (evicted int) {
c.lock.Lock()
evicted = c.lru.Resize(size)
c.lock.Unlock()
return evicted
}

// RemoveOldest removes the oldest item from the cache.
func (c *Cache) RemoveOldest() (key interface{}, value interface{}, ok bool) {
c.lock.Lock()
key, value, ok = c.lru.RemoveOldest()
c.lock.Unlock()
return
}

// GetOldest returns the oldest entry
func (c *Cache) GetOldest() (key interface{}, value interface{}, ok bool) {
c.lock.Lock()
key, value, ok = c.lru.GetOldest()
c.lock.Unlock()
return
}

// Keys returns a slice of the keys in the cache, from oldest to newest.
func (c *Cache) Keys() []interface{} {
c.lock.RLock()
keys := c.lru.Keys()
c.lock.RUnlock()
return keys
}

// Len returns the number of items in the cache.
func (c *Cache) Len() int {
    c.lock.RLock()
    length := c.lru.Len()
    c.lock.RUnlock()
    return length
}

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Protocol Buffers for Go with Gadgets

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

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package lru

import (
    "fmt"
    "sync"

    "github.com/hashicorp/golang-lru/simplelru"
)

const (
    // Default2QRecentRatio is the ratio of the 2Q cache dedicated
    // to recently added entries that have only been accessed once.
    Default2QRecentRatio = 0.25

    // Default2QGhostEntries is the default ratio of ghost
    // entries kept to track entries recently evicted
    Default2QGhostEntries = 0.50
)

    // TwoQueueCache is a thread-safe fixed size 2Q cache.
    // 2Q is an enhancement over the standard LRU cache
    // in that it tracks both frequently and recently used
// entries separately. This avoids a burst in access to new
// entries from evicting frequently used entries. It adds some
// additional tracking overhead to the standard LRU cache, and is
// computationally about 2x the cost, and adds some metadata over
// head. The ARCCache is similar, but does not require setting any
// parameters.

type TwoQueueCache struct {
    size       int
    recentSize int

    recent   simpleslru.LRUCache
    frequent simpleslru.LRUCache
    recentEvict   simpleslru.LRUCache
    lock        sync.RWMutex
}

// New2Q creates a new TwoQueueCache using the default
// values for the parameters.
func New2Q(size int) (*TwoQueueCache, error) {
    return New2QParams(size, Default2QRecentRatio, Default2QGhostEntries)
}

// New2QParams creates a new TwoQueueCache using the provided
// parameter values.
func New2QParams(size int, recentRatio float64, ghostRatio float64) (*TwoQueueCache, error) {
    if size <= 0 {
        return nil, fmt.Errorf("invalid size")
    }
    if recentRatio < 0.0 || recentRatio > 1.0 {
        return nil, fmt.Errorf("invalid recent ratio")
    }
    if ghostRatio < 0.0 || ghostRatio > 1.0 {
        return nil, fmt.Errorf("invalid ghost ratio")
    }

    // Determine the sub-sizes
    recentSize := int(float64(size) * recentRatio)
    evictSize := int(float64(size) * ghostRatio)

    // Allocate the LRUs
    recent, err := simpleslru.NewLRU(size, nil)
    if err != nil {
        return nil, err
    }
    frequent, err := simpleslru.NewLRU(size, nil)
    if err != nil {
        return nil, err
    }
recentEvict, err := simplelru.NewLRU(evictSize, nil)
if err != nil{
    return nil, err
}

// Initialize the cache
c := &TwoQueueCache{
    size: size,
    recentSize: recentSize,
    recent: recent,
    frequent: frequent,
    recentEvict: recentEvict,
}
return c, nil

// Get looks up a key's value from the cache.
func (c *TwoQueueCache) Get(key interface{}) (value interface{}, ok bool) {
    c.lock.Lock()
    defer c.lock.Unlock()

    // Check if this is a frequent value
    if val, ok := c.frequent.Get(key); ok {
        return val, ok
    }

    // If the value is contained in recent, then we
    // promote it to frequent
    if val, ok := c.recent.Peek(key); ok {
        c.recent.Remove(key)
        c.frequent.Add(key, val)
        return val, ok
    }

    // No hit
    return nil, false
}

// Add adds a value to the cache.
func (c *TwoQueueCache) Add(key, value interface{}) {
    c.lock.Lock()
    defer c.lock.Unlock()

    // Check if the value is frequently used already,
    // and just update the value
    if c.frequent.Contains(key) {
        c.frequent.Add(key, value)
        return
    }

    // If the value is contained in recent, then we
    // promote it to frequent
    if val, ok := c.recent.Peek(key); ok {
        c.recent.Remove(key)
        c.frequent.Add(key, val)
        return val, ok
    }

    // No hit
    return nil, false
}
// Check if the value is recently used, and promote
// the value into the frequent list
if c.recent.Contains(key) {
    c.recent.Remove(key)
    c.frequent.Add(key, value)
    return
}

// If the value was recently evicted, add it to the
// frequently used list
if c.recentEvict.Contains(key) {
    c.ensureSpace(true)
    c.recentEvict.Remove(key)
    c.frequent.Add(key, value)
    return
}

// Add to the recently seen list
if c.recentEvict.Contains(key) {
    c.ensureSpace(false)
    c.recent.Add(key, value)
    return
}

// ensureSpace is used to ensure we have space in the cache
func (c *TwoQueueCache) ensureSpace(recentEvict bool) {
    // If we have space, nothing to do
    recentLen := c.recent.Len()
    freqLen := c.frequent.Len()
    if recentLen+freqLen < c.size {
        return
    }

    // If the recent buffer is larger than
    // the target, evict from there
    if recentLen > 0 && (recentLen > c.recentSize || (recentLen == c.recentSize && !recentEvict)) {
        k, _, _ := c.recent.RemoveOldest()
        c.recentEvict.Add(k, nil)
        return
    }

    // Remove from the frequent list otherwise
    c.frequent.RemoveOldest()
}

// Len returns the number of items in the cache.
func (c *TwoQueueCache) Len() int {
c.lock.RLock()
defer c.lock.RUnlock()
return c.recent.Len() + c.frequent.Len()
}

// Keys returns a slice of the keys in the cache.
// The frequently used keys are first in the returned slice.
func (c *TwoQueueCache) Keys() []interface{} {
c.lock.RLock()
defer c.lock.RUnlock()
k1 := c.frequent.Keys()
k2 := c.recent.Keys()
return append(k1, k2...)
}

// Remove removes the provided key from the cache.
func (c *TwoQueueCache) Remove(key interface{}) {
c.lock.Lock()
defer c.lock.Unlock()
if c.frequent.Remove(key) {
    return
}
if c.recent.Remove(key) {
    return
}
if c.recentEvict.Remove(key) {
    return
}
}

// Purge is used to completely clear the cache.
func (c *TwoQueueCache) Purge() {
c.lock.Lock()
defer c.lock.Unlock()
c.recent.Purge()
c.frequent.Purge()
c.recentEvict.Purge()
}

// Contains is used to check if the cache contains a key
// without updating recency or frequency.
func (c *TwoQueueCache) Contains(key interface{}) bool {
c.lock.RLock()
defer c.lock.RUnlock()
return c.frequent.Contains(key) || c.recent.Contains(key)
}

// Peek is used to inspect the cache value of a key
// without updating recency or frequency.
func (c *TwoQueueCache) Peek(key interface{}) (value interface{}, ok bool) {
    c.lock.RLock()
    defer c.lock.RUnlock()
    if val, ok := c.frequent.Peek(key); ok {
        return val, ok
    }
    return c.recent.Peek(key)
}

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

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package simplelru

import (  "container/list"  "errors"
)

// EvictCallback is used to get a callback when a cache entry is evicted type EvictCallback func(key interface{}, value interface{})

// LRU implements a non-thread safe fixed size LRU cache type LRU struct {  size    int  evictList *list.List  items    map[interface{}]*list.Element  onEvict  EvictCallback}
// entry is used to hold a value in the evictList
type entry struct {
    key   interface{}
    value interface{}
}

// NewLRU constructs an LRU of the given size
func NewLRU(size int, onEvict EvictCallback) (*LRU, error) {
    if size <= 0 {
        return nil, errors.New("Must provide a positive size")
    }
    c := &LRU{
        size:      size,
        evictList: list.New(),
        items:     make(map[interface{}]*list.Element),
        onEvict:   onEvict,
    }
    return c, nil
}

// Purge is used to completely clear the cache.
func (c *LRU) Purge() {
    for k, v := range c.items {
        if c.onEvict != nil {
            c.onEvict(k, v.Value.(*entry).value)
        }
        delete(c.items, k)
    }
    c.evictList.Init()
}

// Add adds a value to the cache. Returns true if an eviction occurred.
func (c *LRU) Add(key, value interface{}) (evicted bool) {
    // Check for existing item
    if ent, ok := c.items[key]; ok {
        c.evictList.MoveToFront(ent)
        ent.Value.(*entry).value = value
        return false
    }
    // Add new item
    ent := &entry{key, value}
    entry := c.evictList.PushFront(ent)
    c.items[key] = entry

    evict := c.evictList.Len() > c.size
// Verify size not exceeded
if evict {
    c.removeOldest()
}   
return evict

// Get looks up a key's value from the cache.
func (c *LRU) Get(key interface{}) (value interface{}, ok bool) {
    if ent, ok := c.items[key]; ok {
        c.evictList.MoveToFront(ent)
        if ent.Value.(*entry) == nil {
            return nil, false
        }
        return ent.Value.(*entry).value, true
    }
    return
}

// Contains checks if a key is in the cache, without updating the recent-ness
// or deleting it for being stale.
func (c *LRU) Contains(key interface{}) (ok bool) {
    _, ok = c.items[key]
    return ok
}

// Peek returns the key value (or undefined if not found) without updating
// the "recently used"-ness of the key.
func (c *LRU) Peek(key interface{}) (value interface{}, ok bool) {
    var ent *list.Element
    if ent, ok = c.items[key]; ok {
        return ent.Value.(*entry).value, true
    }
    return nil, ok
}

// Remove removes the provided key from the cache, returning if the
// key was contained.
func (c *LRU) Remove(key interface{}) (present bool) {
    if ent, ok := c.items[key]; ok {
        c.removeElement(ent)
        return true
    }
    return false
}

// RemoveOldest removes the oldest item from the cache.
func (c *LRU) RemoveOldest() (key interface{}, value interface{}, ok bool) {

ent := c.evictList.Back()
if ent != nil {
c.removeElement(ent)
kv := ent.Value.(*entry)
return kv.key, kv.value, true
}
return nil, nil, false

// GetOldest returns the oldest entry
func (c *LRU) GetOldest() (key interface{}, value interface{}, ok bool) {
ent := c.evictList.Back()
if ent != nil {
kv := ent.Value.(*entry)
return kv.key, kv.value, true
}
return nil, nil, false
}

// Keys returns a slice of the keys in the cache, from oldest to newest.
func (c *LRU) Keys() []interface{} {
keys := make([]interface{}, len(c.items))
i := 0
for ent := c.evictList.Back(); ent != nil; ent = ent.Prev() {
keys[i] = ent.Value.(*entry).key
i++
}
return keys
}

// Len returns the number of items in the cache.
func (c *LRU) Len() int {
return c.evictList.Len()
}

// Resize changes the cache size.
func (c *LRU) Resize(size int) (evicted int) {
diff := c.Len() - size
if diff < 0 {
    diff = 0
}
for i := 0; i < diff; i++ {
c.removeOldest()
}
c.size = size
return diff
}
// removeOldest removes the oldest item from the cache.
func (c *LRU) removeOldest() {
    ent := c.evictList.Back()
    if ent != nil {
        c.removeElement(ent)
    }
}

// removeElement is used to remove a given list element from the cache
func (c *LRU) removeElement(e *list.Element) {
    c.evictList.Remove(e)
    kv := e.Value.(*entry)
    delete(c.items, kv.key)
    if c.onEvict != nil {
        c.onEvict(kv.key, kv.value)
    }
}

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// Package lru provides three different LRU caches of varying sophistication.
//
// Cache is a simple LRU cache. It is based on the
// LRU implementation in groupcache:
// https://github.com/golang/groupcache/tree/master/lru

// TwoQueueCache tracks frequently used and recently used entries separately.
// This avoids a burst of accesses from taking out frequently used entries,
// at the cost of about 2x computational overhead and some extra bookkeeping.

// ARCCache is an adaptive replacement cache. It tracks recent evictions as
// well as recent usage in both the frequent and recent caches. Its
// computational overhead is comparable to TwoQueueCache, but the memory
// overhead is linear with the size of the cache.

// ARC has been patented by IBM, so do not use it if that is problematic for
// your program.

// All caches in this package take locks while operating, and are therefore
// thread-safe for consumers.

package lru

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package github

import {
    "context"
    "fmt"
}

// LicensesService handles communication with the license related
// methods of the GitHub API.

// GitHub API docs: https://developer.github.com/v3/licenses/
type LicensesService service

// RepositoryLicense represents the license for a repository.
type RepositoryLicense struct {
    Name *string `json:"name,omiteny"`
    Path *string `json:"path,omiteny"
    SHA *string `json:"sha,omiteny"
    Size *int `json:"size,omiteny"
    URL *string `json:"url,omiteny"
    HTMLURL *string `json:"html_url,omiteny"
    GitURL *string `json:"git_url,omiteny"
    DownloadURL *string `json:"download_url,omiteny"
    Type *string `json:"type,omiteny"
    Content *string `json:"content,omiteny"
    Encoding *string `json:"encoding,omiteny"
    License *License `json:"license,omiteny"
}

func (l RepositoryLicense) String() string {
    return Stringify(l)
}

// License represents an open source license.
type License struct {
    Key *string `json:"key,omiteny"
    Name *string `json:"name,omiteny"
    URL *string `json:"url,omiteny"
    SPDXID *string `json:"spdx_id,omiteny"
    HTMLURL *string `json:"html_url,omiteny"
    Featured *bool `json:"featured,omiteny"
    Description *string `json:"description,omiteny"
    Implementation *string `json:"implementation,omiteny"
    Permissions *[]string `json:"permissions,omiteny"
}
Conditions   
Limitations   
Body         

func (l License) String() string { 
    return Stringify(l) 
}

// List popular open source licenses.
//
// GitHub API docs: https://developer.github.com/v3/licenses/#list-all-licenses
func (s *LicensesService) List(ctx context.Context) ([][]*License, *Response, error) { 
    req, err := s.client.NewRequest("GET", "licenses", nil)
    if err != nil { 
        return nil, nil, err
    }

    var licenses [][]*License
    resp, err := s.client.Do(ctx, req, &licenses)
    if err != nil { 
        return nil, resp, err
    }

    return licenses, resp, nil
}

// Get extended metadata for one license.
//
// GitHub API docs: https://developer.github.com/v3/licenses/#get-an-individual-license
func (s *LicensesService) Get(ctx context.Context, licenseName string) (*License, *Response, error) { 
    u := fmt.Sprintf("licenses/%s", licenseName)
    req, err := s.client.NewRequest("GET", u, nil)
    if err != nil { 
        return nil, nil, err
    }

    license := new(License)
    resp, err := s.client.Do(ctx, req, license)
    if err != nil { 
        return nil, resp, err
    }

    return license, resp, nil
}

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package lru

import (
"sync"
"github.com/hashicorp/golang-lru/simplelru"
)

// ARCCache is a thread-safe fixed size Adaptive Replacement Cache (ARC).
// ARC is an enhancement over the standard LRU cache in that tracks both
// frequency and recency of use. This avoids a burst in access to new
// entries from evicting the frequently used older entries. It adds some
// additional tracking overhead to a standard LRU cache, computationally
// it is roughly 2x the cost, and the extra memory overhead is linear
// with the size of the cache. ARC has been patented by IBM, but is
// similar to the TwoQueueCache (2Q) which requires setting parameters.

type ARCCache struct {
size int // Size is the total capacity of the cache
p int // P is the dynamic preference towards T1 or T2

t1 simplelru.LRUCache // T1 is the LRU for recently accessed items
b1 simplelru.LRUCache // B1 is the LRU for evictions from t1

t2 simplelru.LRUCache // T2 is the LRU for frequently accessed items
b2 simplelru.LRUCache // B2 is the LRU for evictions from t2

lock sync.RWMutex

// NewARC creates an ARC of the given size
func NewARC(size int) (*ARCCache, error) {
    // Create the sub LRUs
    b1, err := simplelru.NewLRU(size, nil)
    if err != nil {
        return nil, err
    }
    b2, err := simplelru.NewLRU(size, nil)
    if err != nil {
        return nil, err
    }
    t1, err := simplelru.NewLRU(size, nil)
    if err != nil {
        return nil, err
    }
    t2, err := simplelru.NewLRU(size, nil)
    if err != nil {
        return nil, err
    }

    // Initialize the ARC
    c := &ARCCache{
        size: size,
        p:   0,
        t1:  t1,
        b1:  b1,
        t2:  t2,
        b2:  b2,
    }
    return c, nil
}

// Get looks up a key's value from the cache.
func (c *ARCCache) Get(key interface{}) (value interface{}, ok bool) {
    defer c.lock.Unlock()
    c.lock.Lock()

    // If the value is contained in T1 (recent), then
    // promote it to T2 (frequent)
    if val, ok := c.t1.Peek(key); ok {
        c.t1.Remove(key)
        c.t2.Add(key, val)
        return val, ok
    }

    // Look for the value in B1 and B2
    if val, ok := c.b1.Get(key); ok {
        c.b1.Remove(key)
        c.b2.Add(key, val)
        return val, ok
    }

    if val, ok := c.b2.Get(key); ok {
        c.b2.Remove(key)
        c.b1.Add(key, val)
        return val, ok
    }

    if val, ok := c.t2.Peek(key); ok {
        c.t2.Remove(key)
        c.t1.Add(key, val)
        return val, ok
    }

    return nil, false
}
// Check if the value is contained in T2 (frequent)
if val, ok := c.t2.Get(key); ok {
    return val, ok
}

// No hit
return nil, false

// Add adds a value to the cache.
func (c *ARCCache) Add(key, value interface{}) {
    c.lock.Lock()
    defer c.lock.Unlock()

    // Check if the value is contained in T1 (recent), and potentially
    // promote it to frequent T2
    if c.t1.Contains(key) {
        c.t1.Remove(key)
        c.t2.Add(key, value)
        return
    }

    // Check if the value is already in T2 (frequent) and update it
    if c.t2.Contains(key) {
        c.t2.Add(key, value)
        return
    }

    // Check if this value was recently evicted as part of the
    // recently used list
    if c.b1.Contains(key) {
        // T1 set is too small, increase P appropriately
        delta := 1
        b1Len := c.b1.Len()
        b2Len := c.b2.Len()
        if b2Len > b1Len {
            delta = b2Len / b1Len
        }
        if c.p+delta >= c.size {
            c.p = c.size
        } else {
            c.p += delta
        }
    }

    // Potentially need to make room in the cache
    if c.t1.Len()+c.t2.Len() >= c.size {

c.replace(false)
}

// Remove from B1
c.b1.Remove(key)

// Add the key to the frequently used list
c.t2.Add(key, value)
return

// Check if this value was recently evicted as part of the
// frequently used list
if c.b2.Contains(key) {
// T2 set is too small, decrease P appropriately
delta := 1
b1Len := c.b1.Len()
b2Len := c.b2.Len()
if b1Len > b2Len {
delta = b1Len / b2Len
}
if delta >= c.p {
c.p = 0
} else {
c.p -= delta
}

// Potentially need to make room in the cache
if c.t1.Len()+c.t2.Len() >= c.size {
c.replace(true)
}

// Remove from B2
c.b2.Remove(key)

// Add the key to the frequently used list
c.t2.Add(key, value)
return

// Potentially need to make room in the cache
if c.t1.Len()+c.t2.Len() >= c.size {
c.replace(false)
}

// Keep the size of the ghost buffers trim
if c.b1.Len() > c.size-c.p {
c.b1.RemoveOldest()
if c.b2.Len() > c.p {
    c.b2.RemoveOldest()
}

// Add to the recently seen list
    c.t1.Add(key, value)
    return
}

// replace is used to adaptively evict from either T1 or T2
// based on the current learned value of P
func (c *ARCCache) replace(b2ContainsKey bool) {
    t1Len := c.t1.Len()
    if t1Len > 0 && (t1Len > c.p || (t1Len == c.p && b2ContainsKey)) {
        k, _, ok := c.t1.RemoveOldest()
        if ok {
            c.b1.Add(k, nil)
        } else {
            k, _, ok := c.t2.RemoveOldest()
            if ok {
                c.b2.Add(k, nil)
            }
        }
    }

    // Len returns the number of cached entries
    func (c *ARCCache) Len() int {
        c.lock.RLock()
        defer c.lock.RUnlock()
        return c.t1.Len() + c.t2.Len()
    }

    // Keys returns all the cached keys
    func (c *ARCCache) Keys() []interface{} {
        c.lock.RLock()
        defer c.lock.RUnlock()
        k1 := c.t1.Keys()
        k2 := c.t2.Keys()
        return append(k1, k2...)
    }

    // Remove is used to purge a key from the cache
    func (c *ARCCache) Remove(key interface{}) {
        c.lock.Lock()
        defer c.lock.Unlock()
        if c.t1.Remove(key) {
return
}
if c.t2.Remove(key) {
    return
}
if c.b1.Remove(key) {
    return
}
if c.b2.Remove(key) {
    return
}
}

// Purge is used to clear the cache
func (c *ARCCache) Purge() {
    c.lock.Lock()
    defer c.lock.Unlock()
    c.t1.Purge()
    c.t2.Purge()
    c.b1.Purge()
    c.b2.Purge()
}

// Contains is used to check if the cache contains a key
// without updating recency or frequency.
func (c *ARCCache) Contains(key interface{}) bool {
    c.lock.RLock()
    defer c.lock.RUnlock()
    return c.t1.Contains(key) || c.t2.Contains(key)
}

// Peek is used to inspect the cache value of a key
// without updating recency or frequency.
func (c *ARCCache) Peek(key interface{}) (value interface{}, ok bool) {
    c.lock.RLock()
    defer c.lock.RUnlock()
    if val, ok := c.t1.Peek(key); ok {
        return val, ok
    }
    return c.t2.Peek(key)
}
1.867 jetty-http 9.4.35.v20201120

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

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* java.sun.security.ssl

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http://openjdk.java.net/legal/gplv2+ce.html
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org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util
org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas
Assorted

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1.868 streams 2.5.2

1.869 wget 1.19.4 1ubuntu2.2

1.869.1 Available under license:

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  jar/com/google/common/base/CommonPattern.java
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  jar/com/google/common/base/UncaughtExceptionHandler.java

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jar/com/google/common/graph/UndirectedGraphConnections.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/ForwardingNetwork.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/GraphConnections.java
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 * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/primitives/ImmutableLongArray.java
 * /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/ForwardingCondition.java

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  /opt/cola/permits/1119092615_1608716259.54/0/\{guava-30-1-\}.jar/com/google/common/math/ToDoubleRounder.java
  /opt/cola/permits/1119092615_1608716259.54/0/\{guava-30-1-\}.jar/com/google/common/math/BigDecimalMath.java
  /opt/cola/permits/1119092615_1608716259.54/0/\{guava-30-1-\}.jar/com/google/common/hash/Java8Compatibility.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/hash/FarmHashFingerprint64.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/io/ReaderInputStream.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/hash/MacHashFunction.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/ConsumingQueueIterator.java

jar/com/google/common/util/concurrent/CombinedFuture.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/Platform.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/InterruptibleTask.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/AggregateFutureState.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collect/JdkBackedImmutableSet.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/hash/ImmutableSupplier.java
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 * As of 2010/06/11, this method is identical to the (package private) hash method in OpenJDK 7's
 * java.util.HashMap class.
 */

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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/WrappingExecutorService.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/AbstractScheduledService.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/UncheckedExecutionException.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/cache/CachStats.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/hash/AbstractCompositeHashFunction.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/hash/Hashing.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/cache/AbstractLoadingCache.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/cache/package-info.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/cache/ForwardingLoadingCache.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/cache/CacheBuilderSpec.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/base/Optional.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collection/DescendingImmutableSortedMultiset.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/base/Ticker.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/hash/Murmur3_32HashFunction.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/hash/PrimitiveSink.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/cache/RemovalListeners.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collection/Count.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collection/ImmutableSortedMultisetFauxverideShim.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collection/RegularImmutableSortedMultiset.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/math/DoubleUtils.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collection/AbstractSortedMultiset.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/cache/LoadingCache.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/primitives/ParseRequest.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/FutureCallback.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/hash/BloomFilter.java
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 */
/**
 * Returns an array containing all of the elements in the specified collection. This method
 * returns the elements in the order they are returned by the collection's iterator. The returned
 * array is "safe" in that no references to it are maintained by the collection. The caller is
 * thus free to modify the returned array.
 *
 * <p>This method assumes that the collection size doesn't change while the method is running.
 *
 * <p.TODO(kevinb): support concurrently modified collections?
 *
 * @param c the collection for which to return an array of elements
 */

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*/
*/
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  jar/com/google/common/eventbus/Dispatcher.java
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  jar/com/google/common/util/concurrent/ListenerCallQueue.java
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  jar/com/google/common/math/Quantiles.java
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  jar/com/google/common/eventbus/Subscriber.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/hash/HashingInputStream.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/base/Verify.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/eventbus/SubscriberExceptionContext.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collection/FilteredMultimapValues.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/io/CharSequenceReader.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/base/Utf8.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/WrappingScheduledExecutorService.java

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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collections/BaseImmutableMultimap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collections/JdkBackedImmutableBiMap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collections/IndexedImmutableSet.java

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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collections/FilteredListIterator.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collections/FilterMultimap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collections/SortedMultisetBridge.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collections/CompactLinkedHashSet.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/collections/CompactLinkedHashSet.java

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jar/com/google/common/collection/CompactLinkedHashMap.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1.jar/com/google/common/collection/ImmutableEnumMap.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1.jar/com/google/common/collection/UnmodifiableSortedMultiset.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1.jar/com/google/common/functional/concurrent/ForwardingBlockingDeque.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1.jar/com/google/common/functional/concurrent/RangeMap.java
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jar/com/google/common/collect/ForwardingImmutableSet.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-
jar/com/google/common/collect/AbstractNavigableMap.java
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 */
/*
 * Holder for extra methods of [@code Objects} only in web. Intended to be empty for regular
 * version.
 */

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/*
 * This following method is a modified version of one found in
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1.jar/com/google/common/collection/MultimapBuilder.java
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*/
/**
* Holder for web specializations of methods of {@code Shorts}. Intended to be empty for regular
* version.
*/

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  jar/com/google/common/math/LinearTransformation.java
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  jar/com/google/common/io/CharSink.java
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  jar/com/google/common/util/concurrent/SmoothRateLimiter.java
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  jar/com/google/common/collection/FilteredKeyMultimap.java
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  jar/com/google/common/reflect/Parameter.java
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  jar/com/google/common/io/Closer.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/Traverser.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/util/concurrent/ClosingFuture.java

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jar/com/google/common/collect/CompactHashing.java

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 */

/*
 * This method was rewritten in Java from an intermediate step of the Murmur hash function in
 * http://code.google.com/p/smhasher/source/browse/trunk/MurmurHash3.cpp, which contained the
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 */

/**
 * Outer class that exists solely to let us write {@code Partially.GwtIncompatible} instead of plain
 * {@code GwtIncompatible}. This is more accurate for {@link Futures#catching}, which is available
 * under GWT but with a slightly different signature.
 *
 * <p>We can't use {@code PartiallyGwtIncompatible} because then the GWT compiler wouldn't recognize
 * it as a {@code GwtIncompatible} annotation. And for {@code Futures.catching}, we need the GWT
 * compiler to autostrip the normal server method in order to expose the special, inherited GWT
 * version.
 */

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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/SuccessorsFunction.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/MutableNetwork.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/ImmutableNetwork.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/Graphs.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/io/InsecureRecursiveDeleteException.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/Graph.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/PredecessorsFunction.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/graph/MutableGraph.java
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* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/hash/LongAdder.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/cache/LongAdder.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/cache/Striped64.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/hash/Striped64.java

* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/io/FileBackedOutputStream.java
* /opt/cola/permits/1119092615_1608716259.54/0/guava-30-1-jre-sources-1-jar/com/google/common/primitives/Shorts.java
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Not supported. <b>You are attempting to create a map that may contain a non-{@code Comparable} key.</b> Proper calls will resolve to the version in {@code ImmutableSortedMap}, not this dummy version.

@throws UnsupportedOperationException always
@deprecated <b>Pass a key of type {@code Comparable} to use {link ImmutableSortedMap#of(Comparable, Object)}.\</b>

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the License.

Holder for web specializations of methods of {@code Floats}. Intended to be empty for regular
version.

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1.877 musl 1.2.2-r3

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1.879 prometheus-procfs 0.0.11

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1.880 sensible-utils 0.0.12

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1.881 kubernetes-model 4.10.2

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1.882 jackson-dataformat-yaml 2.9.10

1.882.1 Available under license:

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Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.salaranta@iki.fi), and has been in development since 2007.
It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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1.887 icu 68

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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,

## Compiler switch to embed a library name
LD_SOSONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so
## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.S$(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.S$(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec "$(GEN_DEPS.c) $< \n | sed "\"s/(\$*)/o : /g\" > $@; \n [ -s $@ ] || rm -f $@"'

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec "$(GEN_DEPS.cc) $< \n | sed "\"s/(\$*)/o : /g\" > $@; \n [ -s $@ ] || rm -f $@"'

## Versioned libraries rules
%.S$(SO).$(SO_TARGET_VERSION_MAJOR): %.S$(SO).$(SO_TARGET_VERSION)
$(RM) $@ && ln -s ${<F} $@
%.S$(SO): %.S$(SO).$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s {<F}.$(SO).$(SO).$(SO.Target_VERSION) $@

## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

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* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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* java.sun.security.ssl

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org.mortbay.jasper:apache-jsp  
org.apache.tomcat:tomcat-jasper  
org.apache.tomcat:tomcat-juli  
org.apache.tomcat:tomcat-jsp-api  
org.apache.tomcat:tomcat-el-api  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-api  
org.apache.tomcat:tomcat-util-scan  
org.apache.tomcat:tomcat-util  
org.mortbay.jasper:apache-el  
org.apache.tomcat:tomcat-jasper-el  
org.apache.tomcat:tomcat-el-api

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[https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html](https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html)
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1.893 cpp 8.4.0 1ubuntu1~18.04

1.893.1 Available under license :

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Version 3, 29 June 2007

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go-runhcs is a fork of go-runc

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

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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Eclipse

The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception. https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions. http://openjdk.java.net/legal/gplv2+ce.html

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl
MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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src/bdf/bdfdrivr.c
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1.910 glob 0.2.3

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1.914 python 2.7.17 1~18.04ubuntu1.6

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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations, which became
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1.930 javassist 3.21.0-GA
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* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/compiler/CodeGen.java
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* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/convert/TransformBefore.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/CtClassType.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/expr/Expr.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/tools/reflect/ClassMetaobject.java

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1.934.1 Available under license:
Format: https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/

Files: *
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2003 Tomohiro KUBOTA <kubota@debian.org>
2004-2010 Colin Watson <cjwatson@debian.org>
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Copyright: Matthew Palmer <mjp16@ieee.uow.edu.au>
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Copyright: 2001-2010 Joey Hess <joeyh@debian.org>
2003 Sylvain Ferriol <sylvain.ferriol@imag.fr>
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1.935.1 Available under license:

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1.936 libxmu 1.1.2-2
1.936.1 Available under license :

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

--- libxmu-1.1.2.orig/autogen.sh
+++ libxmu-1.1.2/autogen.sh
@@ -0,0 +1,14 @@
+#!/ /bin/sh
+
+srcdir=`dirname $0`
+test -z "$srcdir" && srcdir=.
+
+ORIGDIR=`pwd`
+cd $srcdir
+
+autoreconf -v --install || exit 1
+cd $ORIGDIR || exit $?
+
+if ! test -z "$NOCONFIGURE"; then
+    $srcdir/configure "$@"
+fi
--- libxmu-1.1.2.orig/debian/changelog
+++ libxmu-1.1.2/debian/changelog
@@ -0,0 +1,219 @@
+libxmu (2:1.1.2-2) unstable; urgency=medium
+
+[ Andreas Boll ]
+* Switch to dh with the autoreconf and quilt addons, fixing possible FTBFS
+  when building in parallel (closes: #801059). Thanks, Matthias Klose!
+
+[ Julien Cristau ]
+* Remove Cyril from Uploaders.
+* Bump Standards-Version to 3.9.6, update Vcs-* control fields.
+
+-- Julien Cristau <jcristau@debian.org> Sat, 14 Nov 2015 10:04:44 +0100
+
+libxmu (2:1.1.2-1) unstable; urgency=low
+
+* New upstream release.
+* Add ${misc:Depends} to libxmu-headers.
+* Use /usr/share/quilt/quilt.make instead of xsfbs for patching.
* Add build-{arch,indep} debian/rules targets.
* Bump debhelper compat level from 5 to 7.

-- Julien Cristau <jcristau@debian.org> Mon, 05 May 2014 14:13:01 +0200
libxmu (2:1.1.1-1) unstable; urgency=low

* New upstream release.
* Don't require (fake)root for debian/rules clean.
* Bump build-deps on xutils-dev, xmlto and xorg-sgml-doctools per configure.ac.
* Xmu.html no longer hardcodes the full path to xlogo.svg, drop sed call from debian/rules.
* Remove David Nusinow from Uploading.
* Bump debhelper build-dep for ${misc:Pre-Depends} usage.

-- Julien Cristau <jcristau@debian.org> Sat, 21 Apr 2012 10:50:11 +0200
libxmu (2:1.1.0-3) unstable; urgency=low

* Build for multiarch.

-- Steve Langasek <vorlon@debian.org> Fri, 21 Oct 2011 14:47:59 -0700
libxmu (2:1.1.0-2) unstable; urgency=low

[ Christopher James Halse Rogers ]
* debian/patches/01_dont_export_private_deps.patch:
  - The Xmu.h header uses libXt symbols in a #define, so libXt is not a private dep. With binutils-gold, the indirect dependency on Xt is not considered when linking with Xmu so this causes build failures.

[ Julien Cristau ]
* Drop Pre-Depends on x11-common, only needed for upgrades from the monolith.

-- Julien Cristau <jcristau@debian.org> Thu, 28 Apr 2011 14:10:11 +0200
libxmu (2:1.1.0-1) unstable; urgency=low

* New upstream release.
* Bump xutils-dev build-dep for new macros.
* Add xmlto, xorg-sgml-doctools, and w3m build-dep for the doc.
* Pass --with-xmlto and --without-fop (we want html and txt only).
* Pass --docdir=/usr/share/doc/libxmu-headers and add this directory to libxmu-headers.install file.
* Remove the hardcoded path to the X logo in the Xmu.html file.
* Kill *.xml in the doc directory, no point in shipping them.
* Switch from --list-missing to --fail-missing for additional safety.

-- Cyril Brulebois <kibi@debian.org> Fri, 19 Nov 2010 08:42:29 +0100

+libxmu (2:1.0.5-2) unstable; urgency=high

+ [ Julien Cristau ]
+ * Rename the build directory to not include DEB_BUILD_GNU_TYPE for no
  + good reason. Thanks, Colin Watson!
+ * Remove myself from Uploaders
+ * Don't pass both -s and -Nfoo/-pfoo to dh_strip. This resulted in an empty
  + libxmuu1-dbg (Closes: #594500). Thanks to Luca Falavigna for the report.
+
+ [ Cyril Brulebois ]
+ * Add myself to Uploaders.
+ * Bump urgency to high for the RC bugfix. Thanks to Jakub Wilk as well
  + for the report.
+
-- Cyril Brulebois <kibi@debian.org> Sat, 04 Sep 2010 14:32:30 +0200

+libxmu (2:1.0.5-1) unstable; urgency=low

+ [ Timo Aaltonen ]
+ * New upstream release.
  + * Fix 64bit support (closes: #521887)
  +
+ [ Julien Cristau ]
+ * Bump Standards-Version to 3.8.3.
  +
-- Julien Cristau <jcristau@debian.org> Wed, 25 Nov 2009 19:20:17 +0100

+libxmu (2:1.0.4-2) unstable; urgency=low

+ [ Julien Cristau ]
+ * Drop -1 debian revisions from build-deps.
  + * libxmu6{,-dbg}, libxmu-dev, libxmuu1{,-dbg} and libxmuu-dev don't need a
    + dependency on x11-common.
+ * Build libxmu-headers in binary-indep instead of binary-arch
  + (closes: #486418). Thanks, Martin Koeppel!
+ * Run autoreconf on build; build-depend on automake, libtool, xutils-dev.
+ * Handle parallel builds.
  +
+ [ Brice Goglin ]
+ * Add a link to www.X.org and a reference to the upstream module
  + in the long description.
+ * Add upstream URL to debian/copyright.
  + * Add README.source, bump Standards-Version to 3.8.2.
    + * Use updated xsfbs, closes: #538587.
+ * Move -dbg packages to section debug.
+
+ -- Julien Cristau <jcristau@debian.org> Fri, 07 Aug 2009 14:30:36 +0200
+
+libxmu (2:1.0.4-1) unstable; urgency=low
+
+ [ Julien Cristau ]
+ * New upstream release.
+ * Make libxmu*-dev depend on libxmu-headers (= ${source:Version}). Thanks,
+   Josh Triplett.
+ * Don't export private dependencies in xmu.pc and xmuu.pc. These
+   dependencies are handled by Requires:private.
+ * Due to the above, build-depend on quilt and apply the xsfbs patch rules.
+ * Update xsfbs to the latest version as of 2008-01-06.
+ * Add myself to Uploaders, and remove Branden and Fabio with their
+   permission.
+ * Bump Standards-Version to 3.7.3 (no changes).
+ * s/^XS-Vcs/Vcs/
+
+ [ Timo Aaltonen ]
+ * Bump the epoch so that this can be synced to Ubuntu in the future.
+
+ -- Julien Cristau <jcristau@debian.org> Thu, 17 Jan 2008 14:57:47 +0100
+
+libxmu (1:1.0.3-1) unstable; urgency=low
+
+ * New upstream release.
+ * Install the upstream changelog.
+ * Remove outdated CVS information from the package descriptions, and add
+   XS-Vcs-Git and XS-Vcs-Browser.
+ * Fix package sections (libraries in libs, development stuff in libdevel).
+ * Use ${binary:Version} instead of ${Source-Version}.
+
+ -- Andres Salomon
+ * Test for obj-$(DEB_BUILD_GNU_TYPE) before creating it during build;
+   idempotency fix.
+
+ [ Drew Parsons ]
+ * dbg package has priority extra.
+
+ -- David Nusinow <dnusinow@debian.org> Wed, 30 Aug 2006 16:53:25 -0400
+
+libxmu (1:1.0.2-1) experimental; urgency=low
+
+ * New upstream release
+ * Bump debhelper compat to 5
+ * Run dh_install with --list-missing
+ * Version the -headers package's x11-common pre-dep to use version 1:7.0.0
to match the rest of Debian and shut lintian up
+ * Bump standards version to 3.7.2.0
+
+ -- David Nusinow <dnusinow@debian.org>  Mon,  3 Jul 2006 18:43:32 -0400
+
+libxmu (1:1.0.1-3) unstable; urgency=low
+
+ * Reorder makeshlib command in rules file so that ldconf is run
  properly. Thanks Drew Parsons and Steve Langasek.
+
+ -- David Nusinow <dnusinow@debian.org>  Tue, 18 Apr 2006 21:49:59 -0400
+
+libxmu (1:1.0.1-2) unstable; urgency=low
+
+ * Upload to unstable
+
+ -- David Nusinow <dnusinow@debian.org>  Thu, 23 Mar 2006 22:44:59 -0500
+
+libxmu (1:1.0.1-1) experimental; urgency=low
+
+ * First upload to Debian
+
+ -- David Nusinow <dnusinow@debian.org>  Thu, 29 Dec 2005 20:53:53 -0500
+
+libxmu (1:6.2.3-5) breezy; urgency=low
+
+ * Also, libxml-dev needs to depend on libxt-dev too.
+
+ -- Adam Conrad <adconrad@ubuntu.com>  Mon, 25 Jul 2005 09:43:47 +0000
+
+libxmu (1:6.2.3-4) breezy; urgency=low
+
+ * Bump libxt-dev build-dep once more, _XOPEN_SOURCE begone!
+
+ -- Adam Conrad <adconrad@ubuntu.com>  Sun, 24 Jul 2005 10:48:14 +0000
+
+libxmu (1:6.2.3-3) breezy; urgency=low
+
+ * Make libxml-dev depend on libxt-dev, since libxml links to it.
+
+ -- Adam Conrad <adconrad@ubuntu.com>  Sun, 24 Jul 2005 07:56:02 +0000
+
+libxmu (1:6.2.3-2) breezy; urgency=low
+
Bump Build-Depends on libx11-dev, libxext-dev and libxt-dev to avoid
_XOPEN_SOURCE.

--- Daniel Stone <daniel.stone@ubuntu.com>  Sat, 23 Jul 2005 00:20:50 +1000

* First libxmu release.

--- Daniel Stone <daniel.stone@ubuntu.com>  Mon, 16 May 2005 22:10:17 +1000

libxmu (1:6.2.3-1) breezy; urgency=low

* First libxmu release.

+ debhelper (>= 9),
+ dh-autoreconf,
+ libx11-dev (>= 1:0.99.2),
+ libxt-dev (>= 1:0.99.1),
+ libxext-dev (>= 1:0.99.1),
+ pkg-config,
+ quilt,
+ automake,
+ libtool,
+ xutils-dev (>= 1:7.6+2),
+## devel-docs:
+ xmlto (>= 0.0.22),
+ xorg-sgml-doctools (>= 1:1.8),
+ w3m,
+ Standards-Version: 3.9.6
+ Vcs-Git: git://anonscm.debian.org/git/pkg-xorg/lib/libxmu
+ Vcs-Browser: https://anonscm.debian.org/cgit/pkg-xorg/lib/libxmu.git

Package: libxmu6
Section: libs
Architecture: any
Multi-Arch: same
Pre-Depends: ${misc:Pre-Depends}
Depends: ${shlibs:Depends}, ${misc:Depends}
Description: X11 miscellaneous utility library
libXmu provides a set of miscellaneous utility convenience functions for X
libXmu provides a set of miscellaneous utility convenience functions for X libraries to use. libXmuu is a lighter-weight version that does not depend on libXt or libXext; for more information, see libxmuu1.

This package contains the debug versions of the library found in libxmu6. Non-developers likely have little use for this package.

More information about X.Org can be found at:
<URL:http://www.X.org>

This module can be found at
+ git://anongit.freedesktop.org/git/xorg/lib/libXmu

Package: libxmu6-dbg
+Section: debug
+Architecture: any
+Multi-Arch: same
+Priority: extra
+Depends: ${shlibs:Depends}, ${misc:Depends}, libxmu6 (= ${binary:Version})
+Description: X11 miscellaneous utility library (debug package)

libXmuu provides a set of miscellaneous utility convenience functions for X libraries to use. libXmuu is a lighter-weight version that does not depend on libXt or libXext; for more information, see libxmuu1.

This package contains the development headers for the library found in libxmu6. Non-developers likely have little use for this package.

More information about X.Org can be found at:
<URL:http://www.X.org>

This module can be found at
+ git://anongit.freedesktop.org/git/xorg/lib/libXmu

Package: libxmu-dev
+Section: libdevel
+Architecture: any
+Multi-Arch: same
+Depends: ${shlibs:Depends}, ${misc:Depends}, libxext-dev, libxt-dev, libxmu6 (= ${binary:Version}), libxmu-headers (= ${source:Version})
+Description: X11 miscellaneous utility library (development headers)

libXmu provides a set of miscellaneous utility convenience functions for X libraries to use. libXmuu is a lighter-weight version that does not depend on libXt or libXext; for more information, see libxmuu1.

This package contains the development headers for the library found in libxmu6. Non-developers likely have little use for this package.

More information about X.Org can be found at:
<URL:http://www.X.org>

This module can be found at
+ git://anongit.freedesktop.org/git/xorg/lib/libXmu
Package: libxmuu1
Section: libs
Architecture: any
Multi-Arch: same
Pre-Depends: ${misc:Pre-Depends}
Depends: ${shlibs:Depends}, ${misc:Depends}
Description: X11 miscellaneous micro-utility library
libxmuu provides a set of miscellaneous utility convenience functions for X
libraries to use. It is a lighter version of libXmu that does not depend
on libXt or libXext; for more information on libXmu, see libxmu6.

More information about X.Org can be found at:
<URL:http://www.X.org>

This module can be found at
git://anongit.freedesktop.org/git/xorg/lib/libXmu

Package: libxmuu1-dbg
Section: debug
Architecture: any
Multi-Arch: same
Priority: extra
Depends: ${shlibs:Depends}, ${misc:Depends}, libxmuu1 (= ${binary:Version})
Description: X11 miscellaneous micro-utility library (debug package)
libxmuu provides a set of miscellaneous utility convenience functions for X
libraries to use. It is a lighter version of libXmu that does not depend
on libXt or libXext; for more information on libXmu, see libxmu6.

This package contains the debug versions of the library found in libxmuu1.
Non-developers likely have little use for this package.

More information about X.Org can be found at:
<URL:http://www.X.org>

This module can be found at
git://anongit.freedesktop.org/git/xorg/lib/libXmu

Package: libxmuu-dev
Section: libdevel
Architecture: any
Multi-Arch: same
Depends: ${shlibs:Depends}, ${misc:Depends}, libxmuu1 (= ${binary:Version}), libxmu-headers (= ${source:Version})
Description: X11 miscellaneous micro-utility library (development headers)
libxmuu provides a set of miscellaneous utility convenience functions for X
libraries to use. It is a lighter version of libXmu that does not depend
on libXt or libXext; for more information on libXmu, see libxmu6.
This package contains the development headers for the library found in libxmuu. Non-developers likely have little use for this package.

More information about X.Org can be found at:
<URL:http://www.X.org>

This module can be found at:
git://anongit.freedesktop.org/git/xorg/lib/libXmu

Package: libxmu-headers
Section: libdevel
Architecture: all
Multi-Arch: foreign
Depends:
 libx11-dev,
x11proto-core-dev,
 ${misc:Depends},
Description: X11 miscellaneous utility library headers
libXmu and libXmuu are miscellaneous utility libraries for X library
developers to abstract some common functions. This package provides the
headers for both libraries (as libXmuu is a subset of libXmu), and
is depended upon by both. For more information, please see libxmu-dev or
libxmuu-dev.

More information about X.Org can be found at:
<URL:http://www.X.org>

This module can be found at:
git://anongit.freedesktop.org/git/xorg/lib/libXmu
--- libxmu-1.1.2.orig/debian/copyright
+++ libxmu-1.1.2/debian/copyright
@@ -0,0 +1,77 @@
This package was downloaded from
http://xorg.freedesktop.org/releases/individual/lib/

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+
+------------------
+
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--- libxmu-1.1.2.orig/debian/libxmu-dev.install
+++ libxmu-1.1.2/debian/libxmu-dev.install
@@ -0,0 +1,3 @@
+usr/lib/*/libXmu.a
+usr/lib/*/libXmu.so
+usr/lib/*/pkgconfig/xmu.pc
--- libxmu-1.1.2.orig/debian/libxmu-headers.install
+++ libxmu-1.1.2/debian/libxmu-headers.install
@@ -0,0 +1,2 @@
+usr/include/X11/*
+usr/share/doc/libxmu-headers
--- libxmu-1.1.2.orig/debian/libxmu6.install
+++ libxmu-1.1.2/debian/libxmu6.install
@@ -0,0 +1 @@
+usr/lib/*/libXmu.so.6*
--- libxmu-1.1.2.orig/debian/libxmuu-dev.install
+++ libxmu-1.1.2/debian/libxmuu-dev.install
@@ -0,0 +1,3 @@
+usr/lib/*/libXmuu.a
+usr/lib/*/libXmuu.so
+usr/lib/*/pkgconfig/xmuu.pc
--- libxmu-1.1.2.orig/debian/libxmuu1.install
+++ libxmu-1.1.2/debian/libxmuu1.install
@@ -0,0 +1 @@
+usr/lib/*/libXmuu.so.1*
--- libxmu-1.1.2.orig/debian/patches/01_dont_export_private_deps.diff
+++ libxmu-1.1.2/debian/patches/01_dont_export_private_deps.diff
@@ -0,0 +1,26 @@
+diff --git a/xmu.pc.in b/xmu.pc.in
+index a086f83..15dabbf 100644
+++ a/xmu.pc.in
++++ b/xmu.pc.in
+@ @ -6,7 +6,7 @ @ includedir=@includedir@
+ Name: Xmu
+ Description: Xmu Library
+ Version: @PACKAGE_VERSION@
+ Requires: xproto x11 xt
++ Requires: xproto xt
+ Requires.private: x11 xt xext
+ Cflags: -I${includedir}
+ Libs: -L${libdir} -lXmu
+diff --git a/xmuu.pc.in b/xmuu.pc.in
index 1e91ac4..72fa5f9 100644
+--- a/xmuu.pc.in
+++ b/xmuu.pc.in
+@@ -6,7 +6,7 @@ includedir=@includedir@
+ Name: Xmuu
+ Description: Mini Xmu Library
+ Version: @PACKAGE_VERSION@
+ Requires: xproto x11
++ Requires: xproto
+ Requires.private: x11
+ Cflags: -I${includedir}
+ Libs: -L${libdir} -lXmuu
--- libxmu-1.1.2.orig/debian/patches/series
+++ libxmu-1.1.2/debian/patches/series
@@ -0,0 +1 @@
+01_dont_export_private_deps.diff
--- libxmu-1.1.2.orig/debian/rules
+++ libxmu-1.1.2/debian/rules
@@ -0,0 +1,34 @@
#!/usr/bin/make -f
# debian/rules for the Debian libxmu package.
+# Copyright 2004 Scott James Remnant <scott@netsplit.com>
+# Copyright 2005 Daniel Stone <daniel@fooishbar.org>
+# Copyright 2005 David Nusinow <dnusinow@debian.org>
+
+# Uncomment this to turn on verbose mode.
+#export DH_VERBOSE=1
+
+.PHONY: build
+build:
+build --with quilt'autoreconf --builddirectory=build/ --parallel
+
+%
+build $@ --with quilt'autoreconf --builddirectory=build/ --parallel
+
+override_dh_auto_configure:
+dh auto configure --
+--disable-silent-rules
+--docdir=${prefix}/share/doc/libxmu-headers
+--with-xmlio

+--without-fop
+
+override_dh_auto_install:
+dh_auto_install
+find debian/tmp/usr/share/doc/libxmu-headers -name '*.xml' -delete
+
+override_dh_install-arch:
+dh_install --fail-missing -Xusr/include -X.la
+
+override_dh_strip:
+dh_strip -Nlibxmu6 -Nlibxmuu1
+dh_strip -plibxmu6 --dbg-package=libxmu6-db
+dh_strip -plibxmuu1 --dbg-package=libxmuu1-db
--- libxmu-1.1.2.orig/debian/watch
+++ libxmu-1.1.2/debian/watch
@@ -0,0 +1,3 @@
+    #git=git://anongit.freedesktop.org/xorg/lib/libXmu
+    version=3
+    http://xorg.freedesktop.org/releases/individual/lib/ libXmu-(.*)\.tar\.(gz

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1013987576_1591897387.78/0/libxmu-1-1-2-2-diff-gz/libxmu_1.1.2-2.diff

1.937 pax-utils 1.2.4-r0

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* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
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* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
jar/jersey/repackaged/com/google/common/util/concurrent/AsyncFunction.java
* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
jar/jersey/repackaged/com/google/common/cache/CacheStats.java
* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
jar/jersey/repackaged/com/google/common/cache/RemovalListeners.java
* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
jar/jersey/repackaged/com/google/common/math/package-info.java
* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
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* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/util/concurrent/ForwardingCheckedFuture.java
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* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/escape/CharEscaper.java
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* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/collect/MultimapBuilder.java
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* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/util/concurrent/Runnables.java
* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/io/CharSequenceReader.java

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* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
jar/jersey/repackaged/com/google/common/hash/Murmur3_32HashFunction.java
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jar/jersey/repackaged/com/google/common/collection/RegularContiguousSet.java
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* /opt/ cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
  jar/jersey/repackaged/com/google/common/collection/ImmutableListMultimap.java
* /opt/ cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
  jar/jersey/repackaged/com/google/common/collect/StandardTable.java
* /opt/ cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
  jar/jersey/repackaged/com/google/common/collection/Serialization.java
* /opt/ cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
  jar/jersey/repackaged/com/google/common/collection/ImmutableMultimap.java
* /opt/ cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
  jar/jersey/repackaged/com/google/common/collection/Range.java
* /opt/ cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
  jar/jersey/repackaged/com/google/common/io/MultiReader.java
* /opt/ cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
  jar/jersey/repackaged/com/google/common/collection/RegularImmutableBiMap.java
* /opt/ cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
  jar/jersey/repackaged/com/google/common/primitives/Bytes.java
* /opt/ cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
  jar/jersey/repackaged/com/google/common/collection/ImmutableBiMap.java
* /opt/ cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
  jar/jersey/repackaged/com/google/common/collection/ImmutableEntry.java
* /opt/ cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
  jar/jersey/repackaged/com/google/common/primitives/Chars.java
* /opt/ cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
  jar/jersey/repackaged/com/google/common/collection/ImmutableListEntry.java
* /opt/ cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
  jar/jersey/repackaged/com/google/common/collection/InetAddresses.java
* /opt/ cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
  jar/jersey/repackaged/com/google/common/collection/Tables.java
* /opt/ cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
  jar/jersey/repackaged/com/google/common/collection/ImmutableEntry.java
* /opt/ cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
  jar/jersey/repackaged/com/google/common/collection/ImmutableListMultimap.java
* /opt/ cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
  jar/jersey/repackaged/com/google/common/collection/AbstractCheckedFuture.java
* /opt/ cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
  jar/jersey/repackaged/com/google/common/base/Converter.java
* /opt/ cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
  jar/jersey/repackaged/com/google/common/collection/ImmutableMultimap.java
* /opt/ cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
  jar/jersey/repackaged/com/google/common/collection/SingletonImmutableBiMap.java
* /opt/ cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
  jar/jersey/repackaged/com/google/common/collection/Range.java
* /opt/ cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
  jar/jersey/repackaged/com/google/common/io/MultiReader.java
* /opt/ cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-
  jar/jersey/repackaged/com/google/common/collection/RegularImmutableBiMap.java
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jar/jersey/repackaged/com/google/common/collection/Platform.java
* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/util/concurrent/listenable/FutureTask.java
* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/primitives/Floas.java
* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/collection/ImmutableMultiset.java
* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/collection/EmptyImmutableSortedSet.java
* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/collection/ImmutableMapEntrySet.java
* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/thirdparty/publicsuffix/TrieParser.java
* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/collection/CollectPreconditions.java
* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/base/Stopwatch.java
* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/escape/Escaper.java
* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/collection/HashBasedTable.java

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* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/cache/LongAdder.java
* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/util/concurrent/AtomicDoubleArray.java

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 * As of 2010/06/11, this method is identical to the (package private) hash
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 */

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  * /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/collect/Count.java
  * /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/collect/GeneralRange.java
  * /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/collect/ImmutableSortedMultisetFauxverideShim.java
  * /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/collect/SortedIterables.java
  * /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/collect/ImmutableSortedMultisetFauxverideShim.java
  * /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/collect/RegularImmutableSortedMultiset.java
  * /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/collect/SortedIterable.java
  * /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/collect/RangeSet.java
  * /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/collect/ImmutableSortedMultiset.java
  * /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/primitives/UnsignedInts.java
  * /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/primitives/UnsignedLongs.java
  * /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/primitives/ParseRequest.java
  * /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/primitives/UnsignedInteger.java
  * /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/primitives/UnsignedLong.java

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* /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/base/MoreObjects.java
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  * /opt/cola/permits/1136113812_1613679412.19/0/jersey-guava-2-25-1-sources-4-jar/jersey/repackaged/com/google/common/math/MathPreconditions.java
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 * Set the `{code TCP_MD5SIG}` option on the socket. See `{code linux/tcp.h}` for more details.
 * Keys can only be set on, not read to prevent a potential leak, as they are confidential.
 * Allowing them being read would mean anyone with access to the channel could get them.
 */

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 * Keys can only be set on, not read to prevent a potential leak, as they are confidential.
 * Allowing them being read would mean anyone with access to the channel could get them.
 */
/**
 * Set the `{code TCP_QUICKACK}` option on the socket.
 * See `<a href="https://linux.die.net//man/7/tcp">TCP_QUICKACK</a>` for more details.
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* org.eclipse.jetty.orbit:org.eclipse.jdt.core
The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

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* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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OW2

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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Apache
The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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MortBay

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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## Contributions to the urllib3 project

### Creator & Maintainer

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### Contributors

In chronological order:

* victor.vde <http://code.google.com/u/victor.vde/>
  * HTTPS patch (which inspired HTTPSConnectionPool)

* erikcederstrand <http://code.google.com/u/erikcederstrand/>
  * NTLM-authenticated HTTPSConnectionPool
  * Basic-authenticated HTTPSConnectionPool (merged into make_headers)

* niphlod <niphlod@gmail.com>
  * Client-verified SSL certificates for HTTPSConnectionPool
  * Response gzip and deflate encoding support
  * Better unicode support for filepost using StringIO buffers

* btoconnor <brian@btoconnor.net>
  * Non-multipart encoding for POST requests

* p.dobrogost <http://code.google.com/u/@WBRSRIkBZDhBFXQB6/>
  * Code review, PEP8 compliance, benchmark fix

* kennethreitz <me@kennethreitz.com>
  * Bugfixes, suggestions, Requests integration

* georgemarshall <http://github.com/georgemarshall>
  * Bugfixes, Improvements and Test coverage

* Thomas Kluyver <thomas@kluyver.me.uk>
  * Python 3 support

* brandon-rhodes <http://rhodesmill.org/brandon>
  * Design review, bugfixes, test coverage.

* studer <theo.studer@gmail.com>
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* Shivaram Lingamneni <slingamn@cs.stanford.edu>
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  * Corrected multipart behavior for params

* Thomas Weischuh <thomas@t-8ch.de>
  * Support for TLS SNI
  * API unification of ssl_version/cert_reqs
  * SSL fingerprint and alternative hostname verification
  * Bugfixes in testsuite

* Sune Kirkeby <mig@ibofoi.dk>
  * Optional SNI-support for Python 2 via PyOpenSSL.

* Marc Schlaich <marc.schlaich@gmail.com>
  * Various bugfixes and test improvements.

* Bryce Boe <bbzbryce@gmail.com>
  * Correct six.moves conflict
  * Fixed pickle support of some exceptions

* Boris Figovsky <boris.figovsky@ravellosystems.com>
  * Allowed to skip SSL hostname verification

* Cory Benfield <http://lukasa.co.uk/about/>
  * Stream method for Response objects.
  * Return native strings in header values.
  * Generate 'Host' header when using proxies.

* Jason Robinson <jaywink@basshero.org>
  * Add missing WrappedSocket.fileno method in PyOpenSSL

* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  * Fixed a race condition

* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  * Added HTTPS (CONNECT) proxy support

* Stephen Holsapple <sholsapp@gmail.com>
  * Added abstraction for granular control of request fields

* Martin von Gagern <Martin.vGagern@gmx.net>
  * Support for non-ASCII header parameters

* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  * Support for separate connect and request timeouts
* Peter Waller <p@pwaller.net>
  * HTTPResponse.tell() for determining amount received over the wire

* Nipunn Koorapati <nipunn1313@gmail.com>
  * Ignore default ports when comparing hosts for equality

* Danilo @dbrgn <http://dbrgn.ch/>
  * Disabled TLS compression by default on Python 3.2+
  * Disabled TLS compression in pyopenssl contrib module
  * Configurable cipher suites in pyopenssl contrib module

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
  * Account retries on proxy errors

* Nicolas Delaby <nicolas.delaby@ezeep.com>
  * Use the platform-specific CA certificate locations

* Josh Schneier <https://github.com/jschneier>
  * HTTPHeaderDict and associated tests and docs
  * Bugfixes, docs, test coverage

* Tahia Khan <http://tahia.tk/>
  * Added Timeout examples in docs

* Arthur Grunseid <http://grunseid.com>
  * source_address support and tests (with https://github.com/bui)

* Ian Cordasco <graffatcolmingov@gmail.com>
  * PEP8 Compliance and Linting
  * Add ability to pass socket options to an HTTP Connection

* Erik Tollerud <erik.tollerud@gmail.com>
  * Support for standard library io module.

* Krishna Prasad <kprasad.iitd@gmail.com>
  * Google App Engine documentation

* Aaron Meurer <asmeurer@gmail.com>
  * Added Url.url, which unparses a Url

* Evgeny Kapun <abacabadabacaba@gmail.com>
  * Bugfixes

* Benjamen Meyer <bm_witness@yahoo.com>
  * Security Warning Documentation update for proper capture

* Shivan Sornarajah <github@sornars.com>
  * Support for using ConnectionPool and PoolManager as context managers.
* Alex Gaynor <alex.gaynor@gmail.com>
  * Updates to the default SSL configuration

* Tomas Tomecek <ttomecek@redhat.com>
  * Implemented generator for getting chunks from chunked responses.

* tlynn <https://github.com/tlynn>
  * Respect the warning preferences at import.

* David D. Riddle <ddriddle@illinois.edu>
  * IPv6 bugfixes in testsuite

* Jon Wayne Parrott <jonwayne@google.com>
  * App Engine environment tests.

* John Krauss <https://github.com/talos>
  * Clues to debugging problems with `cryptography` dependency in docs

* Disassem <https://github.com/Disassem>
  * Fix pool-default headers not applying for url-encoded requests like GET.

* James Atherfold <jlatherfold@hotmail.com>
  * Bugfixes relating to cleanup of connections during errors.

* Christian Pedersen <https://github.com/chripede>
  * IPv6 HTTPS proxy bugfix

* Jordan Moldow <https://github.com/jmoldow>
  * Fix low-level exceptions leaking from `HTTPResponse.stream()`.
  * Bugfix for `ConnectionPool.urolopen(release_conn=False)`.
  * Creation of `HTTPConnectionPool.ResponseCls`.

* Predrag Gruevski <https://github.com/obi1kenobi>
  * Made cert digest comparison use a constant-time algorithm.

* Adam Talsma <https://github.com/a-tal>
  * Bugfix to ca_cert file paths.

* Evan Meagher <https://evanmeagher.net>
  * Bugfix related to `memoryview` usage in PyOpenSSL adapter

* John Vandenberg <jayvdb@gmail.com>
  * Python 2.6 fixes; pyflakes and pep8 compliance

* Andy Caldwell <andy.m.caldwell@googlemail.com>
  * Bugfix related to reusing connections in indeterminate states.
* Ville Skytt <ville.skytta@iki.fi>
  * Logging efficiency improvements, spelling fixes, Travis config.

* Shige Takeda <smtakeda@gmail.com>
  * Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response

* Jesse Shapiro <jesse@jesseshapiro.net>
  * Various character-encoding fixes/tweaks
  * Disabling IPv6 DNS when IPv6 connections not supported

* David Foster <http://dafoster.net/>
  * Ensure order of request and response headers are preserved.

* Jeremy Cline <jeremy@jcline.org>
  * Added connection pool keys by scheme

* Aviv Palivoda <palaviv@gmail.com>
  * History list to Retry object.
  * HTTPResponse contains the last Retry object.

* Nate Prewitt <nate.prewitt@gmail.com>
  * Ensure timeouts are not booleans and greater than zero.
  * Fixed infinite loop in \`stream\` when amt=None.
  * Added length_remaining to determine remaining data to be read.
  * Added enforce_content_length to raise exception when incorrect content-length received.

* Seth Michael Larson <sethmichaellarson@protonmail.com>
  * Created selectors backport that supports PEP 475.

* Alexandre Dias <alex.dias@smarkets.com>
  * Don't retry on timeout if method not in whitelist

* Moinuddin Quadri <moin18@gmail.com>
  * Lazily load idna package

* Tom White <s6yg1ez3@mail2tor.com>
  * Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.

* Tim Burke <tim.burke@gmail.com>
  * Stop buffering entire deflate-encoded responses.

* Tuukka Mustonen <tuukka.mustonen@gmail.com>
  * Add counter for status_forcelist retries.

* Erik Rose <erik@mozilla.com>
  * Bugfix to pyopenssl vendoring

* [Your name or handle] <[email or website]>
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1.953 libxcb 1.13 2~ubuntu18.04
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1.954 prometheus-client 1.0.0

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* /opt/cola/permits/1258617807_1643096348.73/0/netty-resolver-dns-4-1-71-final-sources-jar/io/netty/resolver/dns/NoopDnsCache.java

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Patch for Ubuntu bug #399071

Display the contents of /etc/legal as part of the MOTD, the first time the user logs in, and set a flag in the user's homedir if possible to prevent repeat displays.

Authors: Dustin Kirkland <kirkland@canonical.com>

Upstream status: Ubuntu-specific, maybe submit to Debian

Index: pam.ubuntu/modules/pam_motd/pam_motd.c

--- pam.ubuntu.orig/modules/pam_motd/pam_motd.c
+++ pam.ubuntu/modules/pam_motd/pam_motd.c
@@ -73,6 +73,61 @@
    close(fd);
 }

+int display_legal(pam_handle_t *pamh)
+{
+    int retval = PAM_IGNORE, rc;
+    char *user = NULL;
+    char *dir = NULL;
+    char *flag = NULL;
+    struct passwd *pwd = NULL;
+    struct stat s;
+    int f;
+    /* Get the user name to determine if we need to print the disclaimer */
+    rc = pam_get_item(pamh, PAM_USER, &user);
+    if (rc == PAM_SUCCESS && user != NULL && *(const char *)user != '\0')
+        {
+            PAM_MODUTIL_DEF_PRIVS(privs);
+            /* Display the legal notice */
+            if (f = open("/etc/legal", O_RDONLY, 0))
+            {
+                if (read(fd, buf, 1024) > 0)
+                {
+                    if (write(fd, buf, strlen(buf)) > 0)
+                        close(fd);
+                    else
+                        close(fd);
+                    if (chmod("/etc/legal", S_IRUSR | S_IWUSR) == -1)
+                        close(fd);
+                }
+            }
+            else
+                close(fd);
+        }
+    return retval;
+}
/* Get the password entry */
pwd = pam_modutil_getpwnam (pamh, user);
if (pwd != NULL) {
    if (pam_modutil_drop_priv(pamh, &privs, pwd)) {
        pam_syslog(pamh, LOG_ERR,
                   "Unable to change UID to %d temporarily\n",
                   pwd->pw_uid);
        retval = PAM_SESSION_ERR;
        goto finished;
    }
    
    if (asprintf(&dir, "%s/.cache", pwd->pw_dir) == -1 || !dir)
        goto finished;
    if (asprintf(&flag, "%s/motd.legal-displayed", dir) == -1 || !flag)
        goto finished;
    
    if (stat(flag, &s) != 0)
        {
            display_file(pamh, "/etc/legal");
            mkdir(dir, 0700);
            f = open(flag, O_WRONLY|O_CREAT|O_EXCL,
                     S_IRUSR|S_IWUSR|S_IRGRP|S_IROTH);
            if (f>=0) close(f);
        }
    
finished:
    if (pam_modutil_regain_priv(pamh, &privs)) {
        pam_syslog(pamh, LOG_ERR,
                   "Unable to change UID back to %d\n", privs.old_uid);
        retval = PAM_SESSION_ERR;
    }
    
    _pam_drop(flag);
    _pam_drop(dir);
}
return retval;

PAM_EXTERN
int pam_sm_open_session(pam_handle_t *pamh, int flags,
int argc, const char **argv)
{
    @ @ -116,6 +171,9 @ @
    /* Display the updated motd */
    display_file(pamh, motd_path);
Open Source Used In Intelligent Node Manager 3.X 3.3.0  13664

+ /* Display the legal disclaimer only if necessary */
+ retval = display_legal(pamh);
+
+ return retval;
}

This package was debianized by J.H.M. Dassen (Ray) jdassen@debian.org on

It was downloaded from ftp://ftp.kernel.org/pub/linux/libs/pam/pre/

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**1.957 pax-utils 1.3.2-r0**

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Eclipse

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message
The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
artifacts may be included in the distribution or downloaded when ALPN
module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
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http://openjdk.java.net/legal/gplv2+ce.html

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OW2

The following artifacts are licensed by the OW2 Foundation according to the
terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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Julian Seward, Cambridge, UK.
jseward@bzip.org
bzip2/libbzip2 version 1.0.4 of 20 December 2006
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1.965 jackson 2.11.1
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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
been in development since 2007.
It is currently developed by a community of developers, as well as supported
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=============

libcurl can be built to use a fair amount of various third party libraries, libraries that are written and provided by other parties that are distributed using their own licenses. Even libcurl itself contains code that may cause problems to some. This document attempts to describe what licenses libcurl and the other libraries use and what possible dilemmas linking and mixing them all can lead to for end users.

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Eclipse

The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

-----

Oracle OpenJDK
If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.  
http://openjdk.java.net/legal/gplv2+ce.html

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

------

Apache

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

------

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

-----
Mortbay

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

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 */
/*
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 */
/**
 * Utility class for {@link ByteBuf} that encodes and decodes to and from
 * <a href="https://en.wikipedia.org/wiki/Base64">Base64</a> notation.
 * <p>
 * The encoding and decoding algorithm in this class has been derived from
 * <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain</a>
 * Base64 Encoder/Decoder.
 */

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A decoder that splits the received `ByteBuf`s dynamically by the value of the length field in the message. It is particularly useful when you decode a binary message which has an integer header field that represents the length of the message body or the whole message.

`LengthFieldBasedFrameDecoder` has many configuration parameters so that it can decode any message with a length field, which is often seen in proprietary client-server protocols. Here are some example that will give you the basic idea on which option does what.

**2 bytes length field at offset 0, do not strip header**

The value of the length field in this example is `12 (0x0C)` which represents the length of "HELLO, WORLD". By default, the decoder assumes that the length field represents the number of the bytes that follows the length field. Therefore, it can be decoded with the simplistic parameter combination.

```
<table>
<thead>
<tr>
<th>Length</th>
<th>Actual Content</th>
</tr>
</thead>
</table>
| 0x000C | "HELLO, WORLD"
```

**2 bytes length field at offset 0, strip header**

Because we can get the length of the content by calling `ByteBuf#readableBytes()`, you might want to strip the length field by specifying `initialBytesToStrip`. In this example, we specified `2`, that is same with the length of the length field, to strip the first two bytes.

```
<table>
<thead>
<tr>
<th>Length</th>
<th>Actual Content</th>
</tr>
</thead>
</table>
| 0x000C | "HELLO, WORLD"
```

**2 bytes length field at offset 0, strip header**

Because we can get the length of the content by calling `ByteBuf#readableBytes()`, you might want to strip the length field by specifying `initialBytesToStrip`. In this example, we specified `2`, that is same with the length of the length field, to strip the first two bytes.
In most cases, the length field represents the length of the message body only, as shown in the previous examples. However, in some protocols, the length field represents the length of the whole message, including the message header. In such a case, we specify a non-zero lengthAdjustment. Because the length value in this example message is always greater than the body length by 2, we specify lengthAdjustment = -2 for compensation.

```
<table>
<thead>
<tr>
<th>Length</th>
<th>Actual Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>0x000E</td>
<td>&quot;HELLO, WORLD&quot;</td>
</tr>
</tbody>
</table>
```

```
lengthFieldOffset = 0
lengthFieldLength = 2
lengthAdjustment = -2 (= the length of the Length field)
initialBytesToStrip = 0
```

```
+--------+----------------+      +--------+----------------+
| Length | Actual Content |----->| Length | Actual Content |
| 0x000E | "HELLO, WORLD" |      | 0x000E | "HELLO, WORLD" |
```

The following message is a simple variation of the first example. An extra header value is prepended to the message. lengthAdjustment is zero again because the decoder always takes the length of the prepended data into account during frame length calculation.

```
<table>
<thead>
<tr>
<th>Header 1</th>
<th>Length</th>
<th>Actual Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>0xCAFE</td>
<td>0x000E</td>
<td>&quot;HELLO, WORLD&quot;</td>
</tr>
</tbody>
</table>
```

```
lengthFieldOffset = 2 (= the length of Header 1)
lengthFieldLength = 3
lengthAdjustment = 0
initialBytesToStrip = 0
```

```
+----------+----------+----------------+      +----------+----------+----------------+
| Header 1 |  Length  | Actual Content |----->| Header 1 |  Length  | Actual Content |
| 0xCAFE   | 0x00000C | "HELLO, WORLD" |      | 0xCAFE   | 0x00000C | "HELLO, WORLD" |
```

The following message is a simple variation of the first example. An extra header value is prepended to the message. lengthAdjustment is zero again because the decoder always takes the length of the prepended data into account during frame length calculation.
* This is an advanced example that shows the case where there is an extra
  header between the length field and the message body. You have to specify a
  positive <tt>lengthAdjustment</tt> so that the decoder counts the extra
  header into the frame length calculation.

  * <pre>
    lengthFieldOffset = 0
    lengthFieldLength = 3
    &lt;b&gt;lengthAdjustment&lt;/b&gt; = &lt;b&gt;2&lt;/b&gt; (= the length of Header 1)
    initialBytesToStrip = 0
  *
  * BEFORE DECODE (17 bytes)                      AFTER DECODE (17 bytes)
  * +----------+----------+----------------+      +----------+----------+----------------+
  * |  Length  | Header 1 | Actual Content |----->|  Length  | Header 1 | Actual Content |
  * | 0x00000C | 0xCAFE   | "HELLO, WORLD" |      | 0x00000C | 0xCAFE   | "HELLO, WORLD" |
  * +----------+----------+----------------+      +----------+----------+----------------+
  *
  * <pre>
  *
  * This is an advanced example that shows the case where there is an extra
  header between the length field and the message body. You have to specify a
  positive <tt>lengthAdjustment</tt> so that the decoder counts the extra
  header into the frame length calculation.

  * <pre>
    lengthFieldOffset = 0
    lengthFieldLength = 3
    &lt;b&gt;lengthAdjustment&lt;/b&gt; = &lt;b&gt;2&lt;/b&gt; (= the length of Header 1)
    initialBytesToStrip = 0
  *
  * BEFORE DECODE (17 bytes)                      AFTER DECODE (17 bytes)
  * +----------+----------+----------------+      +----------+----------+----------------+
  * |  Length  | Header 1 | Actual Content |----->|  Length  | Header 1 | Actual Content |
  * | 0x00000C | 0xCAFE   | "HELLO, WORLD" |      | 0x00000C | 0xCAFE   | "HELLO, WORLD" |
  * +----------+----------+----------------+      +----------+----------+----------------+
  *
  * A combination of all the examples above. There are the prepended
  header before the length field and the extra header after the length field.
  The prepended header affects the <tt>lengthFieldOffset</tt> and the extra
  header affects the <tt>lengthAdjustment</tt>. We also specified a non-zero
  <tt>initialBytesToStrip</tt> to strip the length field and the prepended
  header from the frame. If you don't want to strip the prepended header, you
  could specify 0 for <tt>initialBytesToSkip</tt>.

  * <pre>
    lengthFieldOffset = 1 (= the length of HDR1)
    lengthFieldLength = 2
    &lt;b&gt;lengthAdjustment&lt;/b&gt; = &lt;b&gt;1&lt;/b&gt; (= the length of HDR2)
    &lt;b&gt;initialBytesToStrip&lt;/b&gt; = &lt;b&gt;3&lt;/b&gt; (= the length of HDR1 + LEN)
  *
  * BEFORE DECODE (16 bytes)                      AFTER DECODE (13 bytes)
  * +----------+----------+----------+----------------+      +----------+----------------+
  * | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
  * | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
  * +----------+----------+----------+----------------+      +----------+----------------+
  *
  * <pre>
  *
  * Let's give another twist to the previous example. The only difference from
  the previous example is that the length field represents the length of the
  whole message instead of the message body, just like the third example.
  We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>.
Please note that we don't need to take the length of HDR2 into account because the length field already includes the whole header length.

lengthFieldOffset = 1
lengthFieldLength = 2
lengthAdjustment = -3 (= the length of HDR1 + LEN, negative)
initialBytesToStrip = 3

BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)
+----------------+----------------+      +----------------+----------------+
| HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
| 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
+----------------+----------------+      +----------------+----------------+

@see LengthFieldPrepender

*/

@see LengthFieldPrepender

*/

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* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-
  jar/io/netty/handler/codec/CharSequenceValueConverter.java
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* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-
  jar/io/netty/handler/codec/CharSequenceValueConverter.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-
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jar/io/netty/handler/codec/compression/Crc32c.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-
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jar/io/netty/handler/codec/ProtocolDetectionResult.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-
jar/io/netty/handler/codec/UnsupportedValueConverter.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-
jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-
jar/io/netty/handler/codec/HeadersUtils.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-
jar/io/netty/handler/codec/ProtocolDetectionState.java
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jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java
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jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-
jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java
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* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-jar/io/netty/handler/codec/compression/StandardCompressionOptions.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-jar/io/netty/handler/codec/compression/ZstdEncoder.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-jar/io/netty/handler/codec/compression/ZstdConstants.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-jar/io/netty/handler/codec/compression/DeflateOptions.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-jar/io/netty/handler/codec/compression/Zstd.java
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* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-jar/io/netty/handler/codec/compression/Brotli.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-jar/io/netty/handler/codec/compression/GzipOptions.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-jar/io/netty/handler/codec/compression/ZstdOptions.java

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*/
/*
/* Enumeration of supported Base64 dialects.
* <p>
* The internal lookup tables in this class has been derived from
* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain
* Base64 Encoder/Decoder</a>.
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* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-
jar/io/netty/handler/codec/compression/FastLzFrameDecoder.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-
jar/io/netty/handler/codec/compression/FastLzFrameEncoder.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-
jar/io/netty/handler/codec/DecoderResultProvider.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-
jar/io/netty/handler/codec/compression/LzmaFrameEncoder.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-
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jar/io/netty/handler/codec/compression/SnappyFramedEncoder.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-
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* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-
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* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-
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* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-
jar/io/netty/handler/compression/SnappyFramedDecoder.java
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jar/io/netty/handler/compression/Bzip2BlockDecompressor.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-
jar/io/netty/handler/compression/LzfDecoder.java
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* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-
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* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-
jar/io/netty/handler/compression/Bzip2Decoder.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-
jar/io/netty/handler/compression/json/JsonObjectDecoder.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-
jar/io/netty/handler/compression/LzfDecoder.java

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* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-jar/io/netty/handler/codec/DatagramPacketDecoder.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-jar/io/netty/handler/codec/string/LineEncoder.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-jar/io/netty/handler/codec/compression/ByteBufChecksum.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-jar/io/netty/handler/codec/DateFormatter.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-jar/io/netty/handler/codec/string/LineSeparator.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-jar/io/netty/handler/codec/compression/CompressionUtil.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-jar/io/netty/handler/codec/CodecOutputList.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-jar/io/netty/handler/codec/DatagramPacketEncoder.java

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* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-jar/io/netty/handler/codec/DefaultHeaders.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-jar/io/netty/handler/codec/EmptyHeaders.java
* /opt/cola/permits/1258617623_1643096352.03/0/netty-codec-4-1-71-final-sources-jar/io/netty/handler/codec/Headers.java

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3. Are derivative works allowed?

Yes!

4. Can I change or add to the font(s)?

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5. Under what terms are derivative works allowed?

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6. If I have improvements for Bitstream Vera, is it possible they might get adopted in future versions?

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providing a document describing the design elements used in Vera, as a guide and aid for people interested in contributing to Vera.

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8. If applications have built the names "Bitstream Vera" into them, can I override this somehow to use fonts of my choosing?

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<table>
<thead>
<tr>
<th>AS GIVEN IN EPSG DATASET</th>
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<td>1b</td>
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<td>5e</td>
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<td>Position Vector 7-parameter transformation method parameters RX,RY and RZ.</td>
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<td>7</td>
<td>Concatenated transformation using geocentric methods (Geocentric translations, Position Vector 7-parameter transformation, Coordinate Frame rotation).</td>
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<td><em>Change of units</em></td>
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<td>8</td>
<td>NTv2 method grid file filename.</td>
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Comment:
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* 2002-2010 Andreas Rottmann <rotty@debian.org> and
* 2010 James Cook <zealcook@gmail.com>
But only parts of debian/control, debian/watch and
debian/python-crypto-doc.doc-base remain from the old packaging. Everything
else has been rewritten.

Copyright and licensing of the Python Cryptography Toolkit ("PyCrypto"):

Previously, the copyright and/or licensing status of the Python
Cryptography Toolkit ("PyCrypto") had been somewhat ambiguous. The
original intention of Andrew M. Kuchling and other contributors has
been to dedicate PyCrypto to the public domain, but that intention was
not necessarily made clear in the original disclaimer (see
LEGAL/copy/LICENSE.orig).

Additionally, some files within PyCrypto had specified their own
licenses that differed from the PyCrypto license itself. For example,
the original RIPEMD.c module simply had a copyright statement and
warranty disclaimer, without clearly specifying any license terms.
(An updated version on the author's website came with a license that
contained a GPL-incompatible advertising clause.)

To rectify this situation for PyCrypto 2.1, the following steps have
been taken:

1. Obtaining explicit permission from the original contributors to
dedicate their contributions to the public domain if they have not
already done so. (See the "LEGAL/copy/stmts" directory for
contributors' statements.)

2. Replacing some modules with clearly-licensed code from other
sources (e.g. the DES and DES3 modules were replaced with new ones
based on Tom St. Denis's public-domain LibTomCrypt library.)

3. Replacing some modules with code written from scratch (e.g. the
RIPEMD and Blowfish modules were re-implemented from their
respective algorithm specifications without reference to the old
implementations).

4. Removing some modules altogether without replacing them.

To the best of our knowledge, with the exceptions noted below or
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PyCrypto Code Submission Requirements - Rev. C

Last updated: 2009-02-28

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=== EOF ===

1.974 jackson-mapper-asl 1.9.2
1.974.1 Available under license :

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/* Jackson JSON-processor.
 *
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 */
1.975 hibernate-validator 6.0.18.Final

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 */

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* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/validator/context/TypeConstraintMappingContext.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/validator/internal/engine/valueextraction/ShortArrayValueExtractor.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/validator/validator/validator/constraints/ModCheck.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/validator/validator/validator/validator/internal/xml/mapping/ContainerElementTypeConfigurationBuilder.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/validator/validator/validator/validator/internal/metadata/aggregated/rule/ReturnValueMayOnlyBeMarkedOnceAsCascadedPerHierarchyLine.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/validator/validator/validator/validator/validator CFG/def/DecimalMinDef.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/validator/validator/validator/validator CFG/def/DecimalMinDef.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/validator/validator/validator/validator CFG/def/DecimalMinDef.java
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/
jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArray.java
*/
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForMinguoDate.java
*/
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/AbstractEpochBasedTimeValidator.java
*/
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForJapaneseDate.java
*/
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/AbstractFutureOrPresentEpochBasedValidator.java
*/
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/package-info.java
*/
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveValidatorForBigInteger.java
*/
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveValidatorForNumber.java
*/
jar/org/hibernate/validator/internal/metadata/aggregated/NonContainerCascadingMetaData.java
*/
jar/org/hibernate/validator/internal/metadata/aggregated/rule/MethodConfigurationRule.java
*/
jar/org/hibernate/validator/internal/metadata/location/GetterConstraintLocation.java
*/
jar/org/hibernate/validator/internal/metadata/descriptor/ConstraintDescriptorImpl.java
*/
jar/org/hibernate/validator/cfg/defs/CPF.java
*/
jar/org/hibernate/validator/cfg/defs/Mod10CheckDef.java
*/
jar/org/hibernate/validator/internal/engine/messageinterpolation/el/RootResolver.java
*/
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMinValidatorForLong.java
*/
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MaxValidatorForBigDecimal.java
*/
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/package-info.java
*/
jar/org/hibernate/validator/cfg/defs/UniqueElementsDef.java
*/
jar/org/hibernate/validator/internal/metadata/aggregated/MethodConfigurationRule.java
*/
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeValidatorForDouble.java

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~
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Found in path(s):
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/META-INF/validation-configuration-1.0.xsd
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/META-INF/validation-mapping-2.0.xsd
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/META-INF/validation-configuration-1.1.xsd
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/META-INF/validation-configuration-2.0.xsd
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/overview.html
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/META-INF/validation-mapping-1.1.xsd
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/META-INF/validation-mapping-1.0.xsd

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*/
/**
* <p>
* A method-level constraint, that evaluates a script expression against the
* annotated method or constructor. This constraint can be used to implement
* validation routines that depend on several parameters of the annotated
* executable.
* </p>
* <p>
* Script expressions can be written in any scripting or expression language,
* for which a <a href="http://jcp.org/en/jsr/detail?id=223">JSR 223</a> JSR 223</p>
* ("Scripting for the Java<sup>TM</sup> Platform") compatible engine can be
* found on the classpath. To refer to a parameter within the scripting
* expression, use its name as obtained by the active
* [javax.validation.ParameterNameProvider]. By default, [@code arg0], [@code arg1] etc.
* will be used as parameter names.
* </p>
* <p>
* The following listing shows an example using the JavaScript engine which
* comes with the JDK:
* </p>
* <pre>
* {@code @ParameterScriptAssert(script = "arg0.before(arg1)", lang = "javascript")
* public void createEvent(Date start, Date end) { ... }
* }
* </pre>
* </p>
* Can be specified on any method or constructor.
* </p>
* 
* @author Gunnar Morling
* */

Found in path(s):
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-
* jar/org/hibernate/validator/constraints/ParameterScriptAssert.java
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* */

/ *
* Retrieves constraint related meta data for the parameters of the given
* executable.
* 
* @param executable The executable of interest.
* 
* @return A list with parameter meta data for the given executable.
* */

Found in path(s):
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-
* jar/org/hibernate/validator/internal/metadata/provider/AnnotationMetaDataProvider.java
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* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-
jar/org/hibernate/validator/internal/util/ConcurrentReferenceHashMap.java
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Found in path(s):
* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-
jar/org/hibernate/validator/internal/util/TypeHelper.java

1.976 openssl 1.1.1-1ubuntu2.1~18.04.4
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1.977 swagger 1.5.10

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2\cstdint()Ljava/lang/Int;urlAnnotationDefault
SourceFileLicense.javaRuntimeVisibleAnnotationsLjava/lang/annotation/Target;value"Ljava/lang/annotation/ElementType;ANNOTATION_TYPE
Ljava/lang/annotation/Retention;&Ljava/lang/annotation/RetentionPolicy;RUNTIMEio/swagger/annotations/License
Ljava/lang/Objectjava/lang/annotation/Annotation&s

1.978 high-scale-lib 1.0.6

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/*
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Found in path(s):

* /opt/cola/permits/1132421795_1613177725.98/0/high-scale-lib-1-0-6-sources-2-jar/org/cliffc/high_scale_lib/NonBlockingHashSet.java
* /opt/cola/permits/1132421795_1613177725.98/0/high-scale-lib-1-0-6-sources-2-jar/java/util/concurrent/ConcurrentHashMap.java
* /opt/cola/permits/1132421795_1613177725.98/0/high-scale-lib-1-0-6-sources-2-jar/org/cliffc/high_scale_lib/NonBlockingHashMapLong.java
* /opt/cola/permits/1132421795_1613177725.98/0/high-scale-lib-1-0-6-sources-2-jar/org/cliffc/high_scale_lib/NonBlockingHashMap.java
* /opt/cola/permits/1132421795_1613177725.98/0/high-scale-lib-1-0-6-sources-2-jar/org/cliffc/high_scale_lib/NonBlockingSetInt.java
* /opt/cola/permits/1132421795_1613177725.98/0/high-scale-lib-1-0-6-sources-2-jar/org/cliffc/high_scale_lib/NonBlockingIdentityHashMap.java

The End
1.979 swagger-integration 2.1.6

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Manifest-Version: 1.0
Automatic-Module-Name: io.swagger.v3.oas.integration
Bnd-LastModified: 1607101128644
Build-Jdk: 1.8.0_275
Built-By: runner
Bundle-Description: swagger-integration
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.html
Bundle-ManifestVersion: 2
Bundle-Name: swagger-integration
Bundle-SymbolicName: io.swagger.core.v3.swagger-integration
Bundle-Version: 2.1.6
Created-By: Apache Maven Bundle Plugin
implementation-version: 2.1.6
Import-Package: com.fasterxml.jackson.annotation;version="[2.11,3)",com.fasterxml.jackson.databind;version="[2.11,3)",com.fasterxml.jackson.databind.annotation;version="[2.11,3)",io.github.classgraph;version="[4.8,5)",io.swagger.v3.core.converter;version="[2.1,3)",io.swagger.v3.core.util;version="[2.1,3)",io.swagger.v3.oas.annotations;version="[2.1,3)",io.swagger.v3.oas.integration.io.swagger.v3.oas.models;version="[2.1,3)",io.swagger.v3.oas.models.media;version="[2.1,3)",org.apache.commons.lang3;version="[3.7,4)",org.apache.commons.lang3.tuple;version="[3.7,4)",org.slf4j;version="[1.7,2)"
mode: development
package: io.swagger
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-4.2.0.201903051501
url: https://github.com/swagger-api/swagger-core/modules/swagger-integration

Found in path(s):
* /opt/cola/permits/1157317084_1619537151.36/0/swagger-integration-2-1-6-jar/META-INF/MANIFEST.MF
1.980 golang-glog 0.0.0-20160126235308-23def4e6c14b

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### 1.981 swagger-annotations 1.5.10

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 */

package io.swagger.annotations;

import java.lang.annotation.ElementType;
import java.lang.annotation.Retention;
import java.lang.annotation.RetentionPolicy;
import java.lang.annotation.Target;

/**
 * License metadata available within the info section of a Swagger definition, see
 * https://github.com/OAI/OpenAPI-Specification/blob/master/versions/2.0.md#licenseObject
 * @since 1.5.0
 */

@Target(ElementType.ANNOTATION_TYPE)
@Retention(RetentionPolicy.RUNTIME)
public @interface License {

/**
 * The name of the license.
 */
```
1.982 libx11 1.6.4-3ubuntu0.2
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*/
String name();

/**
 * An optional URL for the license.
 */
String url() default "";
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A `WebApplicationContext` that can be used to bootstrap itself from a contained `ServletWebServerFactory` bean.

This context will create, initialize and run an `WebServer` by searching for a single `ServletWebServerFactory` bean within the `ApplicationContext` itself. The `ServletWebServerFactory` is free to use standard Spring concepts (such as dependency injection, lifecycle callbacks and property placeholder variables). In addition, any `Servlet` or `Filter` beans defined in the context will be automatically registered with the web server. In the case of a single Servlet bean, the `/` mapping will be used. If multiple Servlet beans are found then the lowercase bean name will be used as a mapping prefix. Any Servlet named `dispatcherServlet` will always be mapped to `/`. Filter beans will be mapped to all URLs (`/*`).

For more advanced configuration, the context can instead define beans that implement the `ServletContextInitializer` interface (most often `ServletRegistrationBean` and/or `FilterRegistrationBean`s). To prevent double registration, the use of `ServletContextInitializer` beans will disable automatic Servlet and Filter bean registration.

Although this context can be used directly, most developers should consider using the `AnnotationConfigServletWebServerApplicationContext` or `XmlServletWebServerApplicationContext` variants.

@since 2.0.0
@see AnnotationConfigServletWebServerApplicationContext
@see XmlServletWebServerApplicationContext
@see ServletWebServerFactory

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* /opt/cola/permits/1150725720_1617665529.01/0/spring-boot-2-1-10-release-sources-3-jar/org/springframework/boot/context/properties/source/package-info.java
* /opt/cola/permits/1150725720_1617665529.01/0/spring-boot-2-1-10-release-sources-3-jar/org/springframework/boot/ansi/AnsiOutput.java
* /opt/cola/permits/1150725720_1617665529.01/0/spring-boot-2-1-10-release-sources-3-jar/org/springframework/boot/convert/StringToDataSizeConverter.java
* /opt/cola/permits/1150725720_1617665529.01/0/spring-boot-2-1-10-release-sources-3-jar/org/springframework/boot/cloud/CloudPlatform.java
* /opt/cola/permits/1150725720_1617665529.01/0/spring-boot-2-1-10-release-sources-3-jar/org/springframework/boot/convert/CollectionToDelimitedStringConverter.java
* /opt/cola/permits/1150725720_1617665529.01/0/spring-boot-2-1-10-release-sources-3-jar/org/springframework/boot/context/properties/bind/JavaBeanBinder.java
* /opt/cola/permits/1150725720_1617665529.01/0/spring-boot-2-1-10-release-sources-3-jar/org/springframework/boot/logging/logback/package-info.java
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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

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

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.
The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification").

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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

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   a) The modified work must itself be a software library.

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

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

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

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

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identifiable sections of that work are not derived from the Library,
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themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
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this License, whose permissions for other licensees extend to the
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This option is useful when you wish to copy part of the code of
the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or
derivative of it, under Section 2) in object code or executable form
under the terms of Sections 1 and 2 above provided that you accompany
it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

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

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

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

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

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

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

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

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

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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

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

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

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

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

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

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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

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a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

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Julian Seward, Cambridge, UK.
jseward@bzip.org
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.. parsed-literal::

    lib/gssapi/generic/gssapi_err_generic.et
    lib/gssapi/mechglue/g_accept_sec_context.c
    lib/gssapi/mechglue/g_acquire_cred.c
    lib/gssapi/mechglue/g_canon_name.c
    lib/gssapi/mechglue/g_compare_name.c
    lib/gssapi/mechglue/g_context_time.c
    lib/gssapi/mechglue/g_delete_sec_context.c
    lib/gssapi/mechglue/g_dsp_name.c
    lib/gssapi/mechglue/g_dsp_status.c
    lib/gssapi/mechglue/g_dup_name.c
    lib/gssapi/mechglue/g_exp_sec_context.c
    lib/gssapi/mechglue/g_export_name.c
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.. parsed-literal::

    include/iprop_hdr.h
    kadmin/server/ipropd_svc.c
    lib/kdb/prop.x
    lib/kdb/kdb_convert.c
    lib/kdb/kdb_log.c
    lib/kdb/kdb_log.h
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    kprop/kpropd_rpc.c
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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
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lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including
the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kproplog.c

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import os
import sys
import re

def warn(fname, ln, msg):
    print '%s: %d: %s' % (fname, ln + 1, msg)

def indicates_license(line):
    return 'Copyright' in line or 'COPYRIGHT' in line or 'License' in line
# Check a comment for boilerplate violations. Return true if the comment
# is a license statement.
def check_comment(comment, fname, ln, code_seen, nonlicense_seen):
    text_seen = False
    is_license = False
    for line in comment:
        if not is_license and indicates_license(line):
            is_license = True
        if text_seen:
            warn(fname, ln, 'License begins after first line of comment')
        elif code_seen:
            warn(fname, ln, 'License after code')
        elif nonlicense_seen:
            warn(fname, ln, 'License after non-license comments')
        break
        # DB2 licenses start with '/*-' and we don’t want to change them.
        if line != '' and line != '-':
            text_seen = True
    return is_license

def check_file(lines, fname):
    # Skip emacs mode line if present.
    ln = 0
    if '-*- mode: c;' in lines[ln]:
        ln += 1
    # Check filename comment if present.
    m = re.match(r'/\* ([^ ]*) ( - .*)? */', lines[ln])
    if m:
        if m.group(1) != fname:
            warn(fname, ln, 'Wrong filename in comment')
        ln += 1
    # Scan for license statements.
in_comment = False
    code_seen = False
    nonlicense_seen = False
    for line in lines[ln:]:
        # Strip out whitespace and comments contained within a line.
        if not in_comment:
            line = re.sub(r'\s*/\*\s*/\*\s*/\*\s*', '', line)
            line = line.strip()
        if not in_comment and '/*' in line:
            (line, sep, comment_part) = line.partition('/*')
            comment = [comment_part.strip()]
            comment_starts_at = ln
            in_comment = True
            if not code_seen and not nonlicense_seen:
                code_seen = True
            else:
                nonlicense_seen = True
        else:
            comment.append(line.strip())
        if not in_comment and '*/' in line:
            comment_starts_at = ln
in_comment = True
elif in_comment and "*/" not in line:
    comment.append(line.lstrip().lstrip())
elif in_comment:
    (comment_part, sep, line) = line.partition("*/")
    comment.append(comment_part.strip())
    is_license = check_comment(comment, fname, comment_starts_at,
                               code_seen, nonlicense_seen)
    nonlicense_seen = nonlicense_seen or not is_license
    in_comment = False
elif line.strip() != ":
    code_seen = True

ln += 1

for fname in sys.argv[1:]:
    if fname.startswith("./"):
        fname = fname[2:]
    f = open(fname)
    lines = f.readlines()
    f.close()
    check_file(lines, fname)

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/* -*- mode: c; c-basic-offset: 4; indent-tabs-mode: nil -*-
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1.1000 lua-sec 0.8

1.1000.1 Available under license:

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1.1001 x-oauth2 0.0.0-20190604053449-0f29369cfe45
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package RESOURCE

import (  "github.com/gophercloud/gophercloud"  "github.com/gophercloud/gophercloud/pagination"
// RESOURCE represents...
type Resource struct {
}

type commonResult struct {
gophercloud.Result
}

// GetResult is the response from a Get operation. Call its Extract method
// to interpret it as a RESOURCE.
type GetResult struct {
    commonResult
}

// CreateResult is the response from a Create operation. Call its Extract method
// to interpret it as a RESOURCE.
type CreateResult struct {
    commonResult
}

// DeleteResult is the response from a Delete operation. Call its ExtractErr to
// determine if the request succeeded or failed.
type DeleteResult struct {
    gophercloud.ErrResult
}

// UpdateResult is the result of an Update request. Call its Extract method to
// interpret it as a RESOURCE.
type UpdateResult struct {
    commonResult
}

// ResourcePage is a single page of RESOURCE results.
type ResourcePage struct {
    pagination.LinkedPageBase
}

// IsEmpty determines whether or not a page of RESOURCES contains any results.
func (r ResourcePage) IsEmpty() (bool, error) {
    resources, err := ExtractResources(r)
    return len(resources) == 0, err
}

// NextPageURL extracts the "next" link from the links section of the result.
func (r ResourcePage) NextPageURL() (string, error) {
    var s struct {

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Contributor Tutorial
====================
This tutorial is to help new contributors become familiar with the processes used by the Gophercloud team when adding a new feature or fixing a bug.

While we have a defined process for working on Gophercloud, we're very mindful that everyone is new to this in the beginning. Please reach out for help or ask for clarification if needed. No question is ever "dumb" or not worth our time answering.

To begin, go to [Step 1](step-01-introduction.md).

Step 5: Writing the Code
========================

At this point, you should have:

- [x] Identified a feature or bug fix
- [x] Opened an Issue about it
- [x] Located the project's service code which validates the feature or fix
- [x] Have an OpenStack environment available to test with

Now it's time to write the actual code! We recommend reading over the
[CONTRIBUTING](./github/CONTRIBUTING.md) guide again as a refresh. Notably
the [Getting Started](./github/CONTRIBUTING.md#getting-started) section will
help you set up a `git` repository correctly.

We encourage you to browse the existing Gophercloud code to find examples
of similar implementations. It would be a _very_ rare occurrence for you
to be implementing something that hasn't already been done.

Use the existing packages as templates and mirror the style, naming, and
logic.

Types of Pull Requests
----------------------

The amount of changes you plan to make will determine how much code you should
submit as Pull Requests.

### A Single Bug Fix

If you're implementing a single bug fix, then creating one `git` branch and
submitting one Pull Request is fine.

### Adding a Single Field

If you're adding a single field, then a single Pull Request is also fine. See
[#662](https://github.com/gophercloud/gophercloud/pull/662) as an example of
this.

If you plan to add more than one missing field, you will need to open a Pull
Request for _each_ field.

### Adding a Single API Call

Single API calls can also be submitted as a single Pull Request. See
[#722](https://github.com/gophercloud/gophercloud/pull/722) as an example of
this.

### Adding a Suite of API Calls

If you're adding support for a "suite" of API calls (meaning: Create, Update,
Delete, Get), then you will need to create one Pull Request for _each_ call.

The following Pull Requests are good examples of how to do this:
You can also use the provided [template](/docs/contributor-tutorial/.template) as it contains a lot of the repeated boiler plate code seen in each resource. However, please make sure to thoroughly review and edit it as needed. Leaving templated portions in-place might be interpreted as rushing through the work and will require further rounds of review to fix.

### Adding an Entire OpenStack Project

To add an entire OpenStack project, you must break each set of API calls into individual Pull Requests. Implementing an entire project can be thought of as implementing multiple API suites.

An example of this can be seen from the Pull Requests referenced in [723](https://github.com/gophercloud/gophercloud/issues/723).

What to Include in a Pull Request
---------------------------------

Each Pull Request should contain the following:

1. The actual Go code to implement the feature or bug fix
2. Unit tests
3. Acceptance tests
4. Documentation

Whether you want to bundle all of the above into a single commit or multiple commits is up to you. Use your preferred style.

### Unit Tests

Unit tests should provide basic validation that your code works as intended.

Please do not use JSON fixtures from the API reference documentation. Please generate your own fixtures using the OpenStack environment you're testing with.

### Acceptance Tests

Since unit tests are not run against an actual OpenStack environment, acceptance tests can arguably be more important. The acceptance tests that you include in your Pull Request should confirm that your implemented code works as intended with an actual OpenStack environment.
### Documentation

All documentation in Gophercloud is done through in-line `godoc`. Please make sure to document all fields, functions, and methods appropriately. In addition, each package has a `doc.go` file which should be created or amended with details of your Pull Request, where appropriate.

Dealing with Related Pull Requests
----------------------------------

If you plan to open more than one Pull Request, it's only natural that code from one Pull Request will be dependent on code from the prior Pull Request.

There are two methods of handling this:

### Create Independent Pull Requests

With this method, each Pull Request has all of the code to fully implement the code in question. Each Pull Request can be merged in any order because it's self contained.

Use the following `git` workflow to implement this method:

```
```
$ git checkout master
$ git pull
$ git checkout -b identityv3-regions-create
$ (write your code)
$ git add .
$ git commit -m "Implementing Regions Create"

$ git checkout master
$ git checkout -b identityv3-regions-update
$ (write your code)
$ git add .
$ git commit -m "Implementing Regions Update"
```

Advantages of this Method:

* Pull Requests can be merged in any order
* Additional commits to one Pull Request are independent of other Pull Requests

Disadvantages of this Method:

* There will be _a lot_ of duplicate code in each Pull Request
* You will have to rebase all other Pull Requests and resolve a good amount of
merge conflicts.

### Create a Chain of Pull Requests

With this method, each Pull Request is based off of a previous Pull Request. Pull Requests will have to be merged in a specific order since there is a defined relationship.

Use the following `git` workflow to implement this method:

```
```
```
$ git checkout master
$ git pull
$ git checkout -b identityv3-regions-create
$ (write your code)
$ git add .
$ git commit -m "Implementing Regions Create"

$ git checkout -b identityv3-regions-update
$ (write your code)
$ git add .
$ git commit -m "Implementing Regions Update"
```

Advantages of this Method:

* Each Pull Request becomes smaller since you are building off of the last

Disadvantages of this Method:

* If a Pull Request requires changes, you will have to rebase _all_ child Pull Requests based off of the parent.

The choice of method is up to you.

---

Once you have your code written, submit a Pull Request to Gophercloud and proceed to [Step 6](step-06-code-review.md).

Step 6: Code Review

Once you've submitted a Pull Request, three things will happen automatically:

1. Travis-CI will run a set of simple tests:
   a. Unit Tests
b. Code Formatting checks

c. `go vet` checks

2. Coveralls will run a coverage test.
3. [OpenLab](https://openlabtesting.org/) will run acceptance tests.

Depending on the results of the above, you might need to make additional changes to your code.

While you're working on the finishing touches to your code, it is helpful to add a `[wip]` tag to the title of your Pull Request.

You are most welcomed to take as much time as you need to work on your Pull Request. As well, take advantage of the automatic testing that is done to each commit.

### Travis-CI

If Travis reports code formatting issues, please make sure to run `gofmt` on all of your code. Travis will also report errors with unit tests, so you should ensure those are fixed, too.

### Coveralls

If Coveralls reports a decrease in test coverage, check and make sure you have provided unit tests. A decrease in test coverage is _sometimes_ unavoidable and ignorable.

### OpenLab

OpenLab does not yet run a full suite of acceptance tests, so it's possible that the acceptance tests you've included were not run. When this happens, a core member for Gophercloud will run the tests manually.

There are times when a core reviewer does not have access to the resources required to run the acceptance tests. When this happens, it is essential that you've run them yourself (See [Step 4](step-04.md)).

Request a Code Review
----------------------

When you feel your Pull Request is ready for review, please leave a comment requesting a code review. If you don't explicitly ask for a code review, a core member might not know the Pull Request is ready for review.

Additionally, if there are parts of your implementation that you are unsure about, please ask for help. We're more than happy to provide advice.
During the code review process, a core member will review the code you've submitted and either request changes or request additional information. Generally these requests fall under the following categories:

1. Code which needs to be reformatted (See our [Style Guide](/docs/STYLEGUIDE.md) for conventions used).

2. Requests for additional information about the validity of something. This might happen because the included supporting service code URLs don't have enough information.

3. Missing unit tests or acceptance tests.

Submitting Changes
-------------------
If a code review requires changes to be submitted, please do not squash your commits. Please only add new commits to the Pull Request. This is to help the code reviewer see only the changes that were made.

It's Never Personal
-------------------
Code review is a healthy exercise where a new set of eyes can sometimes spot items forgotten by the author.

Please don't take change requests personally. Our intention is to ensure the code is correct before merging.

---

Once the code has been reviewed and approved, a core member will merge your Pull Request.

Please proceed to [Step 7](step-07-congratulations.md).

```go
package testing

import (
    "fmt"
    "net/http"
    "testing"

    "github.com/gophercloud/gophercloud/openstack/service/vN/resources"
    th "github.com/gophercloud/gophercloud/testhelper"
    "github.com/gophercloud/gophercloud/testhelper/client"
)
```
// ListResult provides a single page of RESOURCE results.
const ListResult = `
{
}
`;

// GetResult provides a Get result.
const GetResult = `
{
}
`;

// CreateRequest provides the input to a Create request.
const CreateRequest = `
{
}
`;

// UpdateRequest provides the input to as Update request.
const UpdateRequest = `
{
}
`;

// UpdateResult provides an update result.
const UpdateResult = `
{
}
`;

// FirstResource is the first resource in the List request.
var FirstResource = resources.Resource{};

// SecondResource is the second resource in the List request.
var SecondResource = resources.Resource{};

// SecondResourceUpdated is how SecondResource should look after an Update.
var SecondResourceUpdated = resources.Resource{};

// ExpectedResourcesSlice is the slice of resources expected to be returned from ListResult.
var ExpectedResourcesSlice = []resources.Resource{FirstResource, SecondResource};

// HandleListResourceSuccessfully creates an HTTP handler at `/resources` on the
// test handler mux that responds with a list of two resources.
func HandleListResourceSuccessfully(t *testing.T) {
  th.Mux.HandleFunc(`/resources`, func(w http.ResponseWriter, r *http.Request) {
    th.TestMethod(t, r, "GET")
    th.TestHeader(t, r, "Accept", "application/json")
    th.ResponseWriter(w, 200, []byte(`{
  [FirstResource, SecondResource]
}`))
  })
}
```
// HandleGetResourceSuccessfully creates an HTTP handler at `/resources` on the
// test handler mux that responds with a single resource.
func HandleGetResourceSuccessfully(t *testing.T) {
    th.Mux.HandleFunc(`/resources/9fe1d3`, func(w http.ResponseWriter, r *http.Request) {
        th.TestMethod(t, r, "GET")
        th.TestHeader(t, r, "Accept", "application/json")
        th.TestHeader(t, r, "X-Auth-Token", client.TokenID)
    
    w.Header().Set("Content-Type", "application/json")
    w.WriteHeader(http.StatusOK)
    fmt.Fprintf(w, GetResult)
})

// HandleCreateResourceSuccessfully creates an HTTP handler at `/resources` on the
// test handler mux that tests resource creation.
func HandleCreateResourceSuccessfully(t *testing.T) {
    th.Mux.HandleFunc(`/resources`, func(w http.ResponseWriter, r *http.Request) {
        th.TestMethod(t, r, "POST")
        th.TestHeader(t, r, "X-Auth-Token", client.TokenID)
        th.TestJSONRequest(t, r, CreateRequest)
    
    w.WriteHeader(http.StatusCreated)
    fmt.Fprintf(w, GetResult)
})

// HandleDeleteResourceSuccessfully creates an HTTP handler at `/resources` on the
// test handler mux that tests resource deletion.
func HandleDeleteResourceSuccessfully(t *testing.T) {
    th.Mux.HandleFunc(`/resources/9fe1d3`, func(w http.ResponseWriter, r *http.Request) {
        th.TestMethod(t, r, "DELETE")
        th.TestHeader(t, r, "X-Auth-Token", client.TokenID)
    
    w.WriteHeader(http.StatusNoContent)
})

// HandleUpdateResourceSuccessfully creates an HTTP handler at `/resources` on the
// test handler mux that tests resource update.
```

func HandleUpdateResourceSuccessfully(t *testing.T) {
th.Mux.HandleFunc("/resources/9fe1d3", func(w http.ResponseWriter, r *http.Request) {
    th.TestMethod(t, r, "PATCH")
    th.TestHeader(t, r, "X-Auth-Token", client.TokenID)
    th.TestJSONRequest(t, r, UpdateRequest)
    w.WriteHeader(http.StatusOK)
    fmt.Fprintf(w, UpdateResult)
})
}

package RESOURCE

import (
    "github.com/gophercloud/gophercloud"
    "github.com/gophercloud/gophercloud/pagination"
)

// ListOptsBuilder allows extensions to add additional parameters to
// the List request
type ListOptsBuilder interface {
    ToResourceListQuery() (string, error)
}

// ListOpts provides options to filter the List results.
type ListOpts struct {
}

// ToResourceListQuery formats a ListOpts into a query string.
func (opts ListOpts) ToResourceListQuery() (string, error) {
    q, err := gophercloud.BuildQueryString(opts)
    return q.String(), err
}

// List retrieves a list of RESOURCES.
func List(client *gophercloud.ServiceClient, opts ListOptsBuilder) pagination.Pager {
    url := listURL(client)
    if opts != nil {
        query, err := opts.ToResourceListQuery()
        if err != nil {
            return pagination.Pager{Err: err}
        }
        url += query
    }
        return ResourcePage{pagination.LinkedPageBase{PageResult: r}}
    })
}
// Get retrieves details of a RESOURCE.
func Get(client *gophercloud.ServiceClient, id string) (r GetResult) {
    _, r.Err = client.Get(getURL(client, id), &r.Body, nil)
    return
}

// CreateOptsBuilder allows extensions to add additional parameters to
// the Create request.
type CreateOptsBuilder interface {
    ToResourceCreateMap() (map[string]interface{}, error)
}

// CreateOpts provides options used to create a RESOURCE.
type CreateOpts struct {
}

// ToResourceCreateMap formats a CreateOpts into a create request.
func (opts CreateOpts) ToResourceCreateMap() (map[string]interface{}, error) {
    return gophercloud.BuildRequestBody(opts, "resource")
}

// Create creates a new RESOURCE.
func Create(client *gophercloud.ServiceClient, opts CreateOptsBuilder) (r CreateResult) {
    b, err := opts.ToResourceCreateMap()
    if err != nil {
        r.Err = err
        return
    }
    _, r.Err = client.Post(createURL(client), &b, &r.Body, &gophercloud.RequestOpts{
        OkCodes: []int{201},
    })
    return
}

// Delete deletes a RESOURCE.
func Delete(client *gophercloud.ServiceClient, id string) (r DeleteResult) {
    _, r.Err = client.Delete(deleteURL(client, id), nil)
    return
}

// UpdateOptsBuilder allows extensions to add additional parameters to
// the Update request.
type UpdateOptsBuilder interface {
    ToResourceUpdateMap() (map[string]interface{}, error)
}

// UpdateOpts represents parameters to update a RESOURCE.
type UpdateOpts struct {

// ToUpdateCreateMap formats a UpdateOpts into an update request.
func (opts UpdateOpts) ToResourceUpdateMap() (map[string]interface{}, error) {
    return gophercloud.BuildRequestBody(opts, "resource")
}

// Update modifies the attributes of a RESOURCE.
func Update(client *gophercloud.ServiceClient, id string, opts UpdateOptsBuilder) (r UpdateResult) {
    b, err := opts.ToResourceUpdateMap()
    if err != nil {
        r.Err = err
        return
    }
    _, r.Err = client.Patch(updateURL(client, id), b, &r.Body, &gophercloud.RequestOpts{
        OkCodes: []int{200},
    })
    return
}

package testing

import (
    "testing"
    "github.com/gophercloud/gophercloud/openstack/service/vN/resources"
    "github.com/gophercloud/gophercloud/pagination"
    th "github.com/gophercloud/gophercloud/testhelper"
    "github.com/gophercloud/gophercloud/testhelper/client"
)

func TestListResources(t *testing.T) {
    th.SetupHTTP()
    defer th.TeardownHTTP()
    HandleListResourcesSuccessfully(t)

    count := 0
        count++
        actual, err := resources.ExtractResources(page)
        th.AssertNoErr(t, err)
        th.AssertDeepEquals(t, ExpectedResourcesSlice, actual)
        return true, nil
    })
    th.AssertNoErr(t, err)
    th.AssertEquals(t, count, 1)
}

func TestListResourcesAllPages(t *testing.T) {
    th.SetupHTTP()
    defer th.TeardownHTTP()
    HandleListResourcesSuccessfully(t)

    allPages, err := resources.List(client.ServiceClient(), nil).AllPages()
    th.AssertNoErr(t, err)
    actual, err := resources.ExtractResources(allPages)
    th.AssertNoErr(t, err)
    th.AssertDeepEquals(t, ExpectedResourcesSlice, actual)
}

func TestGetResource(t *testing.T) {
    th.SetupHTTP()
    defer th.TeardownHTTP()
    HandleGetResourceSuccessfully(t)

    actual, err := resources.Get(client.ServiceClient(), "9fe1d3").Extract()
    th.AssertNoErr(t, err)
}

func TestCreateResource(t *testing.T) {
    th.SetupHTTP()
    defer th.TeardownHTTP()
    HandleCreateResourceSuccessfully(t)

    createOpts := resources.CreateOpts{
        Name: "resource two",
    }

    actual, err := resources.Create(client.ServiceClient(), createOpts).Extract()
    th.AssertNoErr(t, err)
}

func TestDeleteResource(t *testing.T) {
    th.SetupHTTP()
    defer th.TeardownHTTP()
    HandleDeleteResourceSuccessfully(t)

    res := resources.Delete(client.ServiceClient(), "9fe1d3")
    th.AssertNoErr(t, res.Err)
}

func TestUpdateResource(t *testing.T) {

th.SetupHTTP()
defer th.TeardownHTTP()
HandleUpdateResourceSuccessfully(t)

updateOpts := resources.UpdateOpts{
    Description: "Staging Resource",
}

actual, err := resources.Update(client.ServiceClient(), "9fe1d3", updateOpts).Extract()
th.AssertNoErr(t, err)
th.AssertDeepEquals(t, SecondResourceUpdated, *actual)
}

package RESOURCE

import "github.com/gophercloud/gophercloud"

func listURL(client *gophercloud.ServiceClient) string {
    return client.ServiceURL("resource")
}

func getURL(client *gophercloud.ServiceClient, id string) string {
    return client.ServiceURL("resource", id)
}

func createURL(client *gophercloud.ServiceClient) string {
    return client.ServiceURL("resource")
}

func deleteURL(client *gophercloud.ServiceClient, id string) string {
    return client.ServiceURL("resource", id)
}

func updateURL(client *gophercloud.ServiceClient, id string) string {
    return client.ServiceURL("resource", id)
}

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Step 4: Acceptance Testing

If we haven’t started working on the feature or bug fix, why are we talking about Acceptance Testing now?

Before you implement a feature or bug fix, you _must_ be able to test your code in a working OpenStack environment. Please do not submit code which you have only tested with offline unit tests.

Blindly submitting code is dangerous to the Gophercloud project. Developers from all over the world use Gophercloud in many different projects. If you submit code which is untested, it can cause these projects to break or become unstable.
And, to be frank, submitting untested code will inevitably cause someone else to have to spend time fixing it.

If you don't have an OpenStack environment to test with, we have lots of documentation [here](/acceptance) to help you build your own small OpenStack environment for testing.

---

Once you've confirmed you are able to test your code, proceed to [Step 5](step-05-pull-requests.md) to (finally!) start working on a Pull Request.

`/*
Package NAME manages and retrieves RESOURCE in the OpenStack SERVICE Service.

Example to List RESOURCE

Example to Create a RESOURCE

Example to Update a RESOURCE

Example to Delete a RESOURCE

*/
package RESOURCE

Step 7: Congratulations!

At this point your code is merged and you've either fixed a bug or added a new feature to Gophercloud!

We completely understand that this has been a long process. We appreciate your patience as well as the time you have taken for working on this. You've made Gophercloud a better project with your work.

Step 2: Create an Issue

Every patch / Pull Request requires a corresponding issue. If you're fixing a bug for an existing issue, then there's no need to create a new issue.

However, if no prior issue exists, you must create an issue.

Reporting a Bug

When reporting a bug, please try to provide as much information as you can.
The following issues are good examples for reporting a bug:

* https://github.com/gophercloud/gophercloud/issues/108
* https://github.com/gophercloud/gophercloud/issues/212
* https://github.com/gophercloud/gophercloud/issues/424
* https://github.com/gophercloud/gophercloud/issues/588
* https://github.com/gophercloud/gophercloud/issues/629
* https://github.com/gophercloud/gophercloud/issues/647

Feature Request

---------------

If you've noticed that a feature is missing from Gophercloud, you'll also need to create an issue before doing any work. This is to start a discussion about whether or not the feature should be included in Gophercloud. We don't want to see you put in hours of work only to learn that the feature is out of scope of the project.

Feature requests can come in different forms:

### Adding a Feature to Gophercloud Core

The “core” of Gophercloud is the code which supports API requests and responses: pagination, error handling, building request bodies, and parsing response bodies are all examples of core code.

Modifications to core will usually have the most amount of discussion than other requests since a change to core will affect _all_ of Gophercloud.

The following issues are examples of core change discussions:

* https://github.com/gophercloud/gophercloud/issues/310
* https://github.com/gophercloud/gophercloud/issues/613
* https://github.com/gophercloud/gophercloud/issues/729
* https://github.com/gophercloud/gophercloud/issues/713

### Adding a Missing Field

If you've found a missing field in an existing struct, submit an issue to request having it added. These kinds of issues are pretty easy to report and resolve.

You should also provide a link to the actual service's Python code which defines the missing field.

The following issues are examples of missing fields:
There's one situation which can make adding fields more difficult: if the field
is part of an API extension rather than the base API itself. An example of this
can be seen in [this](https://github.com/gophercloud/gophercloud/issues/749)
issue.

Here, a user reported fields missing in the `Get` function of
`networking/v2/networks`. The fields reported missing weren't missing at all,
they're just part of various Networking extensions located in
`networking/v2/extensions`.

### Adding a Missing API Call

If you've found a missing API action, create an issue with details of
the action. For example:

* https://github.com/gophercloud/gophercloud/issues/715
* https://github.com/gophercloud/gophercloud/issues/719

You'll want to make sure the API call is part of the upstream OpenStack project
and not an extension created by a third-party or vendor. Gophercloud only
supports the OpenStack projects proper.

### Adding a Missing API Suite

Adding support to a missing suite of API calls will require more than one Pull
Request. However, you can use a single issue for all PRs.

Examples of issues which track the addition of a missing API suite are:

* https://github.com/gophercloud/gophercloud/issues/539
* https://github.com/gophercloud/gophercloud/issues/555
* https://github.com/gophercloud/gophercloud/issues/571
* https://github.com/gophercloud/gophercloud/issues/583
* https://github.com/gophercloud/gophercloud/issues/605

Note how the issue breaks down the implementation by request types (Create,
Update, Delete, Get, List).

Also note how these issues provide links to the service's Python code. These
links are not required for _issues_, but it's usually a good idea to provide
them, anyway. These links _are required_ for PRs and that will be covered in
detail in a later step of this tutorial.

### Adding a Missing OpenStack Project
These kinds of feature additions are large undertakings. Adding support for an entire OpenStack project is something the Gophercloud team very much appreciates, but you should be prepared for several weeks of work and interaction with the Gophercloud team.

An example of how to create an issue for an entire project can be seen here:

* https://github.com/gophercloud/gophercloud/issues/723

---

With all of the above in mind, proceed to [Step 3](step-03-code-hunting.md) to learn about Code Hunting.

Step 3: Code Hunting

====================

If you plan to submit a feature or bug fix to Gophercloud, you must be able to prove your code correctly works with the OpenStack service in question.

Let's use the following issue as an example: [https://github.com/gophercloud/gophercloud/issues/621](https://github.com/gophercloud/gophercloud/issues/621). In this issue, there's a request being made to add support for `availability_zone_hints` to the `networking/v2/networks` package.

Meaning, we want to change:

```go
```
type Network struct {
    ID     string `json:"id"
    Name   string `json:"name"
    AdminStateUp bool   `json:"admin_state_up"
    Status  string `json:"status"
    Subnets []string `json:"subnets"
    TenantID  string `json:"tenant_id"
    Shared   bool  `json:"shared"
}  
```

to look like:

```go
```
type Network struct {
    ID           string `json:"id"`
    Name         string `json:"name"`
    AdminStateUp bool     `json:"admin_state_up"`
    Status       string `json:"status"`
    Subnets      []string `json:"subnets"`
    TenantID     string `json:"tenant_id"`
    Shared       bool     `json:"shared"`
}  
```

Open Source Used In Intelligent Node Manager 3.X 3.3.0 14208
We need to be sure that `availability_zone_hints` is a field which really does exist in the OpenStack Neutron project and it's not a field which was added as a customization to a single OpenStack cloud.

In addition, we need to ensure that `availability_zone_hints` is really a `[]string` and not a different kind of type.

One way of verifying this is through the [OpenStack API reference documentation](https://developer.openstack.org/api-ref/network/v2/). However, the API docs might either be incorrect or they might not provide all of the details we need to know in order to ensure this field is added correctly.

> Note: when we say the API docs might be incorrect, we are _not_ implying that the API docs aren't useful or that the contributors who work on the API docs are wrong. OpenStack moves fast. Typos happen. Forgetting to update documentation happens.

Since the OpenStack service itself correctly accepts and processes the fields, the best source of information on how the field works is in the service code itself.

Continuing on with using #621 as an example, we can find the definition of `availability_zone_hints` in the following piece of code:

https://github.com/openstack/neutron/blob/8e9959725eda4063a318b4ba6af1e3494cad9e35/neutron/objects/network.py#L191

The above code confirms that `availability_zone_hints` is indeed part of the `Network` object and that its type is a list of strings (`[]string`).

This example is a best-case situation: the code is relatively easy to find and it's simple to understand. However, there will be times when proving the implementation in the service code is difficult. Make no mistake, this is _not_ fun work. This can sometimes be more difficult than writing the actual patch for Gophercloud. However, this is an essential step to ensuring the feature or bug fix is correctly added to Gophercloud.

Examples of good code hunting can be seen here:

* https://github.com/gophercloud/gophercloud/issues/539
OpenStack projects differ from one to another. Code is organized in different ways. However, the following tips should be useful across all projects.

* The logic which implements Create and Delete actions is usually either located in the "model" or "controller" portion of the code.

* Use Github's search box to search for the exact field you're working on. Review all results to gain a good understanding of everywhere the field is used.

* When adding a field, look for an object model or a schema of some sort.

---

Proceed to [Step 4](step-04-acceptance-testing.md) to learn about Acceptance Testing.

Step 1: Read Our Guides

There are two introductory guides you should read before proceeding:

* [CONTRIBUTING]([.github/CONTRIBUTING.md]): The Contributing guide is a detailed document which describes the different ways you can contribute to Gophercloud and how to get started. This tutorial you're reading is very similar to that guide, but presented in a different way. We still recommend you read it over.

* [STYLE]([/docs/STYLEGUIDE.md]): The Style Guide documents coding conventions used in the Gophercloud project.

---

When you've finished reading those guides, proceed to [Step 2](step-02-issues.md).

1.1002 okhttp 3.8.1
1.1003 springfox-swagger-common 2.6.1

1.1004 jsch 0.1.55

1.1005 ghodss-yaml 1.0.0

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1.1006 jetty-continuation 9.4.35.v20201120

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Eclipse

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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https://glassfish.dev.java.net/nonav/public/CDDL/GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util
org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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Mortbay

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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 Assorted

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The remaining code was written by many people associated with the Info-ZIP group, with large contributions from (but not limited to): Greg Roelofs (overall program logic, ZipInfo, unshrink, filename mapping/portability, etc.), Mark Adler (inflate, explode, funzip), Kai Uwe Rommel (OS/2), John Bush and Paul Kienitz (Amiga), Antoine Verheijen (Macintosh), Hunter Goatley (more VMS), Mike White (Windows DLLs), Christian Spieler (overall logic, optimization, VMS, etc.) and others. See the file CONTRIBS in the source distribution for a much more complete list of contributors.

The decompression core code for the deflate method (inflate.[ch], explode.c) was originally written by Mark Adler who submitted it as public domain code.

--------------------------------------------------------------------------

1.1010 html5lib 0.999999999

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1.1013 x-time-rate 0.0.0-20190308202827-9d24e82272b4

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Found in path(s):

* /opt/cola/permits/1129981774_1612413293.86/0/xtime-go-zip/xtime.go.rtf

1.1014 libseccomp 2.5.1-1ubuntu1~18.04.2
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1.1019 snake-yaml 1.11
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1.1020 metrics-jvm 3.1.0

1.1021 distlib 0.2.6

1.1021.1 Available under license :

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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
Foundation (PSF, see http://www.python.org/psf/) was formed, a
non-profit organization created specifically to own Python-related
Intellectual Property. Zope Corporation is a sponsoring member of
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All Python releases are Open Source (see http://www.opensource.org for
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The Distutils2 project was started by Tarek Ziad and is currently
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distlib has started off using some of the code from distutil2.

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and welcome into the Fellowship of the Packaging!

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1.1023 pam 1.1.8-3.6ubuntu2.18.04.3

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Patch for Ubuntu bug #399071

Display the contents of /etc/legal as part of the MOTD, the first time the user logs in, and set a flag in the user's homedir if possible to prevent repeat displays.

Authors: Dustin Kirkland <kirkland@canonical.com>

Upstream status: Ubuntu-specific, maybe submit to Debian

Index: pam.ubuntu/modules/pam_motd/pam_motd.c
===================================================================
--- pam.ubuntu.orig/modules/pam_motd/pam_motd.c
+++ pam.ubuntu/modules/pam_motd/pam_motd.c
@@ -73,6 +73,61 @@
    close(fd);
 }

+int display_legal(pam_handle_t *pamh)
+{
+    int retval = PAM_IGNORE, rc;
+    char *user = NULL;
+    char *dir = NULL;
+    char *flag = NULL;
+    struct passwd *pwd = NULL;
+    struct stat s;
+    int f;
+    /* Get the user name to determine if we need to print the disclaimer */
+    rc = pam_get_item(pamh, PAM_USER, &user);
+    if (rc == PAM_SUCCESS && strlen(user) > 0) {
        f = open("/etc/legal", O_RDONLY);
        if (f < 0) {
            perror("can't open /etc/legal");
            return retval;
        }
        if (lseek(f, 0, SEEK_END) == 0)
            return retval;
        lseek(f, 0, SEEK_SET);
        return retval;
    }
    return retval;
}
+ if (rc == PAM_SUCCESS && user != NULL && *(const char *)user != '\0')
+ {
+     PAM_MODUTIL_DEF_PRIVS(privs);
+ 
+     /* Get the password entry */
+     pwd = pam_modutil_getpwnam (pamh, user);
+     if (pwd != NULL)
+     {
+         if (pam_modutil_drop_priv(pamh, &privs, pwd)) {
+             pam_syslog(pamh, LOG_ERR,
+                 "Unable to change UID to %d temporarily\n",
+                 pwd->pw_uid);
+             retval = PAM_SESSION_ERR;
+             goto finished;
+         }
+ 
+         if (asprintf(&dir, "%s/.cache", pwd->pw_dir) == -1 || !dir)
+             goto finished;
+         if (asprintf(&flag, "%s/motd.legal-displayed", dir) == -1 || !flag)
+             goto finished;
+         
+         if (stat(flag, &s) != 0)
+         {
+             display_file(pamh, "/etc/legal");
+             mkdir(dir, 0700);
+             f = open(flag, O_WRONLY|O_CREAT|O_EXCL,
+                 S_IRUSR|S_IWUSR|S_IRGRP|S_IROTH);
+             if (f>=0) close(f);
+         }
+ 
+     finished:
+     if (pam_modutil_regain_priv(pamh, &privs)) {
+         pam_syslog(pamh, LOG_ERR,
+                 "Unable to change UID back to %d\n", privs.old_uid);
+         retval = PAM_SESSION_ERR;
+     }
+ 
+     _pam_drop(flag);
+     _pam_drop(dir);
+     }
+ }
+ return retval;
+
+PAM_EXTERN
int pam_sm_open_session(pam_handle_t *pamh, int flags,
int argc, const char **argv)
@@ -116,6 +171,9 @@
/* Display the updated motd */
display_file(pamh, motd_path);

+ /* Display the legal disclaimer only if necessary */
+    retval = display_legal(pamh);
+    return retval;
}

This package was debianized by J.H.M. Dassen (Ray) jdassen@debian.org on Wed, 23 Sep 1998 20:29:32 +0200.

It was downloaded from ftp://ftp.kernel.org/pub/linux/libs/pam/pre/

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1.1024 wheel 0.36.2

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THE BASIC LIBRARY FUNCTIONS

Written by: Philip Hazel
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1.1038 error_prone_annotations 2.3.4

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  jar/com/google/errorprone/annotations/CheckReturnValue.java
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  jar/com/google/errorprone/annotations/concurrent/GuardedBy.java
* /opt/ws_local/PERMITS_SQL/1059106420_1592475238.99/0/error-prone-annotations-2-3-4-sources-1-
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  jar/com/google/errorprone/annotations/concurrent/UnlockMethod.java
* /opt/ws_local/PERMITS_SQL/1059106420_1592475238.99/0/error-prone-annotations-2-3-4-sources-1-
  jar/com/google/errorprone/annotations/NoAllocation.java
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  jar/com/google/errorprone/annotations/concurrent/LockMethod.java

1.1039 hk2-locator 2.5.0

1.1040 libcap-ng 0.7.7 3.1

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Files: lib/compat/md5.*

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package github

import (
    "fmt"
    "net/http"
    "reflect"
    "testing"
)

func TestLicensesService_List(t *testing.T) {
    setup()
    defer teardown()

    mux.HandleFunc("/licenses", func(w http.ResponseWriter, r *http.Request) {
        testMethod(t, r, "GET")
        testHeader(t, r, "Accept", mediaTypeLicensesPreview)
        fmt.Fprint(w, `[
            {
                "key": "mit",
                "name": "MIT",
                "url": "https://api.github.com/licenses/mit"
            }
        ]`)
    })

    licenses, _, err := client.Licenses.List()
    if err != nil {
        t.Errorf("Licenses.List returned error: %v", err)
    }

    want := []License{License{
        Key:  String("mit"),
        Name: String("MIT"),
        URL:  String("https://api.github.com/licenses/mit"),
    }}
    if !reflect.DeepEqual(licenses, want) {
        t.Errorf("Licenses.List returned %+v, want %+v", licenses, want)
    }
}

func TestLicensesService_Get(t *testing.T) {
    setup()
    defer teardown()

    mux.HandleFunc("/licenses/mit", func(w http.ResponseWriter, r *http.Request) {
        testMethod(t, r, "GET")
        testHeader(t, r, "Accept", mediaTypeLicensesPreview)
        fmt.Fprint(w, `{
            "key": "mit",
            "name": "MIT"
        }`)    })

    license, _, err := client.Licenses.Get("mit")
    if err != nil {
        t.Errorf("Licenses.Get returned error: %v", err)
    }
}
want := &License{Key: String("mit"), Name: String("MIT")}
if !reflect.DeepEqual(license, want) {
t.Errorf("Licenses.Get returned %+v, want %+v", license, want)
}

func TestLicensesService_Get_invalidTemplate(t *testing.T) {
    _, _, err := client.Licenses.Get("%")
testURLParseError(t, err)
}

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

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fields:
site: string
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package github

import "fmt"

// LicensesService handles communication with the license related
// methods of the GitHub API.
type LicensesService struct {
func (l License) String() string {
    return Stringify(l)
}

// List popular open source licenses.

// GitHub API docs: https://developer.github.com/v3/licenses/#list-all-licenses
func (s *LicensesService) List() ([]License, *Response, error) {
    req, err := s.client.NewRequest("GET", "licenses", nil)
    if err != nil {
        return nil, nil, err
    }
    // TODO: remove custom Accept header when this API fully launches
    req.Header.Set("Accept", mediaTypeLicensesPreview)
    licenses := new([]License)
    resp, err := s.client.Do(req, licenses)
    if err != nil {
        return nil, resp, err
    }
    return *licenses, resp, err
}

// Fetch extended metadata for one license.

// GitHub API docs: https://developer.github.com/v3/licenses/#get-an-individual-license
func (s *LicensesService) Get(licenseName string) (*License, *Response, error) {
    u := fmt.Sprintf("licenses/%s", licenseName)

    req, err := s.client.NewRequest("GET", u, nil)
    if err != nil {
        return nil, nil, err
    }

    // TODO: remove custom Accept header when this API fully launches
    req.Header.Set("Accept", mediaTypeLicensesPreview)

    license := new(License)
    resp, err := s.client.Do(req, license)
    if err != nil {
        return nil, resp, err
    }

    return license, resp, err
}

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm
Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.

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Gocheck - A rich testing framework for Go

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- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
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- jsp_2_3.xsd
- web-app_3_1.xsd
- web-common_3_1.xsd
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procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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    x = " ";
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* /opt/cola/permits/1258617666_1643096311.96/0/netty-transport-udt-4-1-71-final-sources-jar/io/netty/channel/udt/nio/NioUdtByteConnectorChannel.java
* /opt/cola/permits/1258617666_1643096311.96/0/netty-transport-udt-4-1-71-final-sources-jar/io/netty/channel/udt/nio/NioUdtByteRendezvousChannel.java
* /opt/cola/permits/1258617666_1643096311.96/0/netty-transport-udt-4-1-71-final-sources-jar/io/netty/channel/udt/nio/NioUdtMessageAcceptorChannel.java
* /opt/cola/permits/1258617666_1643096311.96/0/netty-transport-udt-4-1-71-final-sources-jar/io/netty/channel/udt/nio/NioUdtAcceptorChannel.java
* /opt/cola/permits/1258617666_1643096311.96/0/netty-transport-udt-4-1-71-final-sources-jar/io/netty/channel/udt/nio/NioUdtMessageRendezvousChannel.java
* /opt/cola/permits/1258617666_1643096311.96/0/netty-transport-udt-4-1-71-final-sources-jar/io/netty/channel/udt/NioUdtProvider.java
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* /opt/cola/permits/1258617666_1643096311.96/0/netty-transport-udt-4-1-71-final-sources-jar/io/netty/channel/udt/package-info.java
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* /opt/cola/permits/1258617666_1643096311.96/0/netty-transport-udt-4-1-71-final-sources-jar/io/netty/channel/udt/DefaultUdtServerChannelConfig.java
* /opt/cola/permits/1258617666_1643096311.96/0/netty-transport-udt-4-1-71-final-sources-jar/io/netty/channel/udt/UdtChannelOption.java
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1.1075  ecj  4.4.2

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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.internalClient.setGoogleClientInfo(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"),
    internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
    internaloption.WithDefaultAudience("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, "gapis", 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)
req.GetLicenseCode())

if err != nil {
return nil, err
}
httpReq = httpReqWithContext(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
}
def 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
*compute pb.TestIamPermissionsLicenseCodeRequest, opts ...gax.CallOption)
(*compute pb.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())
if err != nil {
  return nil, err
}
httpReq = httpReqWithContext(ctx)
// Set the headers
for k, v := range c.xGoogMetadata {
  httpReq.Header[k] = v
}
httpReq.Header["Content-Type"] = []string{"application/json"}
httpResp, err := c.httpClient.Do(httpReq)
if err != nil {
  return nil, err
}
deferr httpResp.Body.Close()

if err = googleapi.CheckResponse(httpResp); 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()
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/googleapis/cloud/compute/v1#ListLicensesRequest.
    }
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.
    _ = resp

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package compute_test

import (
    "context"
    "cloud.google.com/go/compute/apiv1"
    "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()
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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// 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"
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
    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, error)
    Insert(context.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.Context, req *computepb.InsertLicenseRequest, opts ...gax.CallOption)
// 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) {
  httpClient, endpoint, err := httptransport.NewClient(ctx, 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"),
        internaloption.WithDefaultMTLSEndpoint("https://compute.mtls.googleapis.com"),
        internaloption.WithDefaultAudience("https://compute.googleapis.com/")
    }
}

// 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)

    params := url.Values{}
    if req != nil && req.RequestId != nil {
        params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
    }

    baseUrl.RawQuery = params.Encode()

    if err != nil {
        return nil, err
    }
    httpReq = httpReqWithContext(ctx)
    // Set the headers
    for k, v := range c.xGoogMetadata {
        httpReq.Header[k] = v
    }
    httpReq.Header["Content-Type"] = []string{"application/json"}

    httpRsp, err := 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)

    if err != nil {
        return nil, err
    }
    httpReq = httpReqWithContext(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)

    if err != nil {
        return nil, err
    }
    httpReq = httpReqWithContext(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
}
req.GetResource()

params := url.Values{}
if req != nil && req.OptionsRequestedPolicyVersion != nil {
}

baseUrl.RawQuery = params.Encode()

if err != nil {
    return nil, err
}
httpReq = httpReqWithContext(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
}
def 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)
params := url.Values{}
if req != nil && req.RequestId != nil {
    params.Add("requestId", fmt.Sprintf("%v", req.GetRequestId()))
}
baseUrl.RawQuery = params.Encode()

if err != nil {
    return nil, err
}
httpReq = httpReqWithContext(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
}
def 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)
      params := url.Values{
        if req != nil && req.Filter != nil {
        }
        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 {
        }
        if req != nil && req.ReturnPartialSuccess != nil {
        }
      }baseUrl.RawQuery = params.Encode()
    return op, err
  }
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
}
deferr 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)

    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)

    if err != nil {
        return nil, err
    }
    httpReq = httpReqWithContext(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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1.1086 apr-util 1.6.1 2
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 */
/**
 * Creates a new JSRInliner. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * @link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String[], String[])@link
 * version.
 *
 * @param mv
 * the <code>MethodVisitor</code> to send the resulting inlined
 * method code to (use <code>null</code> for none).
 * @param access
 * the method's access flags (see @link Opcodes@link). This
 * parameter also indicates if the method is synthetic and/or
 * deprecated.
 * @param name
 * the method's name.
 * @param desc
 * the method's descriptor (see @link Type@link).
 */
* @param signature
* the method's signature. May be <tt>null</tt>.
* @param exceptions
* the internal names of the method's exception classes (see
* { @link Type#getInternalName() getInternalName}). May be
* <tt>null</tt>.
* @throws IllegalStateException
* If a subclass calls this constructor.
*/

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/**
 * Creates a new {@link AnalyzerAdapter}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}
 * version.
 *
 * @param owner            the owner's class name.
 * @param access           the method's access flags (see {@link Opcodes}).
 * @param name             the method's name.
 * @param desc             the method's descriptor (see {@link Type Type}).
 * @param mv               the method visitor to which this adapter delegates calls. May
 * be <tt>null</tt>.
 * @throws IllegalStateException If a subclass calls this constructor.
 */

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* Constructs a new {@link ClassNode}. <i>Subclasses must not use this
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* 
* @throws IllegalStateException
*             If a subclass calls this constructor.
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*/
/**
 * Constructs a new {Textifier}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the {#Textifier(int)}
 * version.
 *
 * @throws IllegalStateException
 *             If a subclass calls this constructor.
 */

Found in path(s):
* /opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-
ejar/org/objectweb/asm/util/Textifier.java
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* /opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-jar/org/objectweb/asm/signature/package.html
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/**
  * Constructs a new {@link LocalVariableAnnotationNode}. <i>Subclasses must
  * not use this constructor</i>. Instead, they must use the
  * { @link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)}
  * version.
  *
  * @param typeRef
  *        a reference to the annotated type. See { @link TypeReference}.
  *
  * @param typePath
  *        the path to the annotated type argument, wildcard bound, array
  *        element type, or static inner type within 'typeRef'. May be
  *        <tt>null</tt> if the annotation targets 'typeRef' as a whole.
  *
  * @param start
  *        the fist instructions corresponding to the continuous ranges
  *        that make the scope of this local variable (inclusive).
  *
  * @param end
  *        the last instructions corresponding to the continuous ranges
  *        that make the scope of this local variable (exclusive). This
  *        array must have the same size as the 'start' array.
  *
  * @param index
  *        the local variable's index in each range. This array must have
  *        the same size as the 'start' array.
  *
  * @param desc
  *        the class descriptor of the annotation class.
  */

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*/
/**
 * Creates a new [@link GeneratorAdapter]. &lt;i&gt;Subclasses must not use this
 * constructor&lt;/i&gt;. Instead, they must use the
 * [@link #GeneratorAdapter(int, MethodVisitor, int, String, String)]
 * version.
 *
 * @param mv
 * the method visitor to which this adapter delegates calls.
 * @param access
 * the method's access flags (see [@link Opcodes]).
 * @param name
 * the method's name.
 * @param desc
 * the method's descriptor (see [@link Type Type]).
 * @throws IllegalStateException
 * if a subclass calls this constructor.
 */

Found in path(s):
* /opt/cola/permits/1135839966_1613613041.56/0/asm-util-5-0-3-sources-1-
jar/org/objectweb/asm/commons/GeneratorAdapter.java

1.1093 libassuan 2.5.1 2
1.1093.1 Available under license:

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  src/Makefile.am
  src/assuan-buffer.c
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procfs provides functions to retrieve system, kernel and process
metrics from the pseudo-filesystem proc.

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1.1103 libxcb 1.13 1

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* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/connection/StreamAllocation.java
* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/cache/FaultHidingSink.java
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* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/CookieJar.java
* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/connection/ConnectionSpecSelector.java
* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/connection/RouteException.java
* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/io/FileSystem.java
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* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/ws/WebSocketWriter.java
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* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/http2/Http2Connection.java
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* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/http/HttpDate.java
* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/http2/Http2Reader.java

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* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/Dns.java
* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/internal/connection/RouteSelector.java
* /opt/cola/permits/1125673732_1611398541.97/0/okhttp-3-12-12-sources-1-jar/okhttp3/OkHttpClient.java

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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"

    assertSerializeJSON(t, license, licenseJSON)
    assertParsesJSON(t, licenseJSON, license)
}

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// 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"
}

1.1112 glibc 2.27 3ubuntu1

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