



Open Source Used In Edge and Fog Processing Module 1.5.2

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Text Part Number: 78EE117C99-178168832

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1.2 @types/async 2.0.46

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1.3 @types/node 9.4.7

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1.4 @types/zen-observable 0.5.3

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1.5 accepts 1.3.4

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1.6 alphanum-sort-dart 0.1.1

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1.7 annotations 13.0

1.8 annotations 3.0.1

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1.9 antlr4-runtime 4.5.1

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1.15 apollo-cache 1.1.0

1.16 apollo-cache-control 0.0.7

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1.17 apollo-cache-inmemory 1.1.5

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- 1.21 apollo-link-dedup 1.0.5
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- 1.23 apollo-link-http 1.3.2
- 1.24 apollo-server-core 1.3.2
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1.27 apollo-tracing 0.1.1

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1.28 apollo-utilities 1.0.4

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1.36 boost 1.57.0

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1.37 boost.process 0.5

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1.38 boost1.54/caramel 1.54.0 :4ubuntu3.1

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1.40 btf 1.2

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1.42 byte-buddy-agent 1.7.9

1.43 bytes 3.0.0

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1.47 com.h2database:h2 1.4.197

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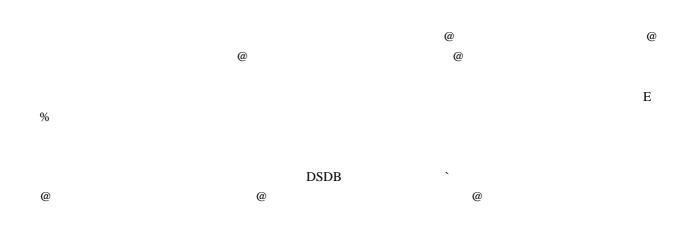
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library pub.validator.license;
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import 'package:path/path.dart' as path;
```

```
import '../entrypoint.dart';
import '../io.dart';
import '../utils.dart';
import '../validator.dart';
/// A validator that checks that a LICENSE-like file exists.
class LicenseValidator extends Validator {
LicenseValidator(Entrypoint entrypoint)
  : super(entrypoint);
Future validate() {
  return syncFuture(() {
   var licenseLike = new RegExp(
      r"^([a-zA-Z0-9]+[-_])?(LICENSE|COPYING)(\..*)?$");
   if (listDir(entrypoint.root.dir)
      .map(path.basename)
      .any(licenseLike.hasMatch)) {
    return;
   }
   errors.add(
      "You must have a COPYING or LICENSE file in the root directory.\n"
      "An open-source license helps ensure people can legally use your "
      "code.");
  });
}
}
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import 'package:path/path.dart' as path;
import 'package:scheduled_test/scheduled_test.dart';
import '../../lib/src/entrypoint.dart';
import '../../lib/src/io.dart';
import '../../lib/src/validator.dart';
import '../../lib/src/validator/license.dart';
import '../descriptor.dart' as d;
import '../test_pub.dart';
import 'utils.dart';
Validator license(Entrypoint entrypoint) => new LicenseValidator(entrypoint);
main() {
initConfig();
```

```
group('should consider a package valid if it', () {
 setUp(d.validPackage.create);
 integration('looks normal', () => expectNoValidationError(license));
  integration('has a COPYING file', () {
   schedule(() => deleteEntry(path.join(sandboxDir, appPath, 'LICENSE')));
   d.file(path.join(appPath, 'COPYING'), ").create();
   expectNoValidationError(license);
  });
  integration('has a prefixed LICENSE file', () {
   schedule(() => deleteEntry(path.join(sandboxDir, appPath, 'LICENSE')));
   d.file(path.join(appPath, 'MIT_LICENSE'), ").create();
   expectNoValidationError(license);
  });
  integration('has a suffixed LICENSE file', () {
   schedule(() => deleteEntry(path.join(sandboxDir, appPath, 'LICENSE')));
   d.file(path.join(appPath, 'LICENSE.md'), ").create();
   expectNoValidationError(license);
  });
});
integration('should consider a package invalid if it has no LICENSE file',
   () {
 d.validPackage.create();
 schedule(() => deleteEntry(path.join(sandboxDir, appPath, 'LICENSE')));
 expectValidationError(license);
});
}
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```

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1.62 dart-lang sdk 1.17.1

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JSON - in third_party/json

JUnit - in third_party/junit

NSS - in third_party/nss and third_party/net_nss

Oauth - in samples/third_party/oauth2client

SQLite - in third_party/sqlite

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1.63 dart-lang sdk 1.21.1

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Eclipse - in third_party/eclipse

gsutil - in third_party/gsutil

Guava - in third_party/guava

hamcrest - in third_party/hamcrest

Httplib2 - in samples/third_party/httplib2

JSON - in third_party/json

JUnit - in third_party/junit

NSS - in third_party/nss and third_party/net_nss

Oauth - in samples/third_party/oauth2client

SQLite - in third_party/sqlite

weberknecht - in third_party/weberknecht

zlib - in third_party/zlib

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1.69 debug 2.6.9

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1.70 depd 1.1.1

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1.72 destroy 1.0.4

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1.73 docker 1.12 :g3990f28

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1.74 docker-go-units 0.3.1-6 :gf2145db

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1.77 dslink 0.18.3

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```
* Handles various permission levels
* @author Samuel Grenier
public enum Permission {
 NONE("none"),
 READ("read"),
 WRITE("write"),
 CONFIG("config"),
 NEVER("never");
 private final String jsonName;
 Permission(String jsonName) {
    this.jsonName = jsonName;
  }
 /**
  * @return JSON ready name of the permission
 public String getJsonName() {
    return jsonName;
  }
 /**
  * Converts a string permission received from an endpoint back into a
  * permission enumeration.
  * @param perm Permission string to convert.
  * @return Converted string into an enumeration.
  */
 public static Permission toEnum(String perm) {
    switch (perm) {
      case "none":
        return NONE;
      case "read":
        return READ;
      case "write":
        return WRITE;
```

```
case "config":
      return CONFIG;
    case "never":
      return NEVER;
    default:
      throw new RuntimeException("Unhandled type");
  }
}
```

1.78 dslink 0.18.2

1.78.1 Available under license:

package org.dsa.iot.dslink.node;

```
/**
* Handles various permission levels
* @author Samuel Grenier
public enum Permission {
 NONE("none"),
 READ("read"),
 WRITE("write"),
 CONFIG("config"),
 NEVER("never");
 private final String jsonName;
 Permission(String jsonName) {
    this.jsonName = jsonName;
  }
 /**
  * @return JSON ready name of the permission
 public String getJsonName() {
    return jsonName;
  }
  * Converts a string permission received from an endpoint back into a
  * permission enumeration.
  * @param perm Permission string to convert.
  * @return Converted string into an enumeration.
 public static Permission toEnum(String perm) {
```

```
switch (perm) {
    case "none":
    return NONE;
    case "read":
    return READ;
    case "write":
    return WRITE;
    case "config":
    return CONFIG;
    case "never":
    return NEVER;
    default:
        throw new RuntimeException("Unhandled type");
    }
}
```

1.79 dslink-alarm 1.5.1

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1.80 dslink-dart-dql 72445afc32028d9614ed2a5904edadef34e0688

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1.81 dslink-dart-system 93cfbb439824087ad7e2422f5ba60d7db73ec2a

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1.82 dslink-java-jdbc 0.1.1

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1.83 duosecurity-dart 0.0.1

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1.84 ee-first 1.1.1

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1.85 encodeurl 1.0.1

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1.86 es6-promise 4.1.1

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1.88 etag 1.8.1

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1.90 finalhandler 1.1.0

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1.102 go-curve25519 1.6

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1.103 go-dockerclient 0.1

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1.105 go-net 0.1

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1.109 go-winio 0.3.5-2 :gce2922f

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1.110 go-yaml 2.0 :a5b47d31c556af34a302ce5d659e6fea44d90d e0

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1.111 gojsonpointer 1.0

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1.112 gojsonreference 1.0

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1.114 google-maps-dart 2.0.7

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1.117 graphql 0.13.1

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1.119 graphql-extensions 0.0.5

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1.120 graphql-java 6.0

1.121 graphql-subscriptions 0.5.6

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1.125 h2 1.4.195

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1.127 HikariCP 2.4.5

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1.128 historian 0.18.2

1.129 http-errors 1.6.2

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1.130 http_multi_server 2.0.3

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1.131 httpclient 4.5.2

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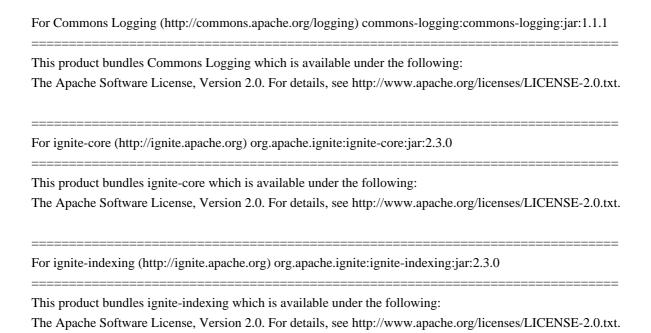
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1.157 java-dataloader 2.0.1

1.158 JavaBeans Activation Framework (JAF)

1.1

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1.169 json-schema-validator 2.2.8

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1.170 json-schema-validator 0.1.13

1.171 Json.NET 11.0.2

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1.172 jsr305 3.0.1

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1.173 JUnit 4.12

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1.174 junit-jupiter-api 5.0.1

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1.175 junit-platform-commons 1.0.1

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1.176 jzlib 1.1.3

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1.177 legit-dart 0.1.1

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1.180 lodash 4.17.4

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1.188 lucene-analyzers-common 5.5.2

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analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java

analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

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1.199 methods 1.1.2

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1,200 mime 1,4,1

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1.201 mime-db 1.30.0

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1.202 mime-types 2.1.17

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1.203 mime_type 0.1.7

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<html>
<head>
<title>MIT LICENSE</title>
</head>
<body>
<h3>
LICENSE
</h3>
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</body>
</html>
```

1.204 mockito-core 2.12.0

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1.207 msg-simple 1.1

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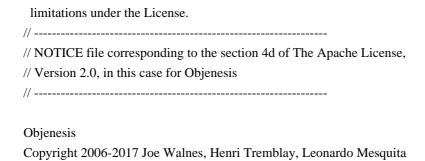
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1.228 openssh/gpl-portions 1:6.6p1

:2ubuntu1

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1.230 opentest4j 1.0.0

1.231 package_config 0.1.5

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1.233 parstream-authentication 1.0

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1.234 password_hasher 0.2.0

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1.235 path-dart 1.4.1

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1.236 path-to-regexp 0.1.7

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1.237 petitparser-dart 1.5.3

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1.238 proxy-addr 2.0.2

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1.239 psqlodbc 09.01.0100

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1.240 pub_semver 1.3.2

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1.241 qs 6.5.1

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1.242 quiver-dart 0.21.4

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1.243 range-parser 1.2.0

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1.244 raw-body 2.3.2

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1.245 reactive-streams 1.0.2

1.246 runc 1.0.0-rc1-218 :ga2a6e82

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1.247 runtime_shared 0.18.2

1.248 rxjava 2.1.3

1.249 rxjs 5.5.5

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1.250 safe-buffer 5.1.1

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1.251 sanitized_anchor_name 0.1 :10ef21a441db47d8b13ebcc5fd2310f636973c7

7

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1.252 sdk-dslink-dart 0.6.1

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part of dslink.common;
class Permission {
/// now allowed to do anything
static const int NONE = 0;
/// list node
static const int LIST = 1;
/// read node
static const int READ = 2;
/// write attribute and value
static const int WRITE = 3;
/// config the node
static const int CONFIG = 4;
/// something that can never happen
static const int NEVER = 5;
static const List<String> names = const [
 'none',
```

'list',

```
'read',
 'write',
 'config',
 'never'
];
static const Map<String, int> nameParser = const {
 'none': NONE,
 'list': LIST,
 'read': READ.
 'write': WRITE,
 'config': CONFIG,
 'never': NEVER
};
static int parse(Object obj, [int defaultVal = NEVER]) {
 if (obj is String && nameParser.containsKey(obj)) {
  return nameParser[obj];
  }
 return defaultVal;
}
class PermissionList {
Map<String, int> idMatchs = { };
Map<String, int> groupMatchs = { };
int defaultPermission = Permission.NONE;
void updatePermissions(List data) {
 idMatchs.clear();
 groupMatchs.clear();
 defaultPermission = Permission.NONE;
 for (Object obj in data) {
   if (obj is Map) {
    if (obj['id'] is String) {
     idMatchs[obj['id']] = Permission.nameParser[obj['permission']];
    } else if (obj['group'] is String) {
     if (obj['group'] == 'default') {
      defaultPermission = Permission.nameParser[obj['permission']];
     } else {
      groupMatchs[obj['group']] =
         Permission.nameParser[obj['permission']];
    }
   }
}
```

```
bool _FORCE_CONFIG = true;
int getPermission(Responder responder) {
 // TODO Permission temp workaround before user permission is implemented
 if (_FORCE_CONFIG) {
  return Permission.CONFIG;
 }
 if (idMatchs.containsKey(responder.reqId)) {
  return idMatchs[responder.reqId];
 }
 int rslt = Permission.NEVER;
 for (String group in responder.groups) {
  if (groupMatchs.containsKey(group)) {
   int v = groupMatchs[group];
   if (v < rslt) {
    // choose the lowest permission from all matched group
   }
  }
 }
 if (rslt == Permission.NEVER) {
  return defaultPermission;
 }
 return rslt;
```

1.253 send 0.16.1

}

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1.254 serve-static 1.13.1

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1.255 setprototypeof 1.0.3

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1.256 setprototypeof 1.1.0

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1.257 slf4j-api 1.7.25

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1.258 slf4j-api 1.7.16

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1.259 slf4j-ext 1.7.25

1.260 snakeyaml 1.18

1.261 spring-beans 4.3.7.RELEASE

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1.262 spring-context 4.3.7.RELEASE

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1.263 spring-core 4.3.7.RELEASE

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1.264 spring-expression 4.3.7.RELEASE

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1.265 stack_trace 1.7.3

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1.266 Statemachine master

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1.267 statuses 1.4.0

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1.269 swagger-annotations 1.5.18

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*/

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```
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.
  * @return the name of the license
 String name();
 /**
  * An optional URL for the license.
  * @return an optional URL for the license.
 String url() default "";
```

1.270 swagger-annotations 2.0.0-rc4

1.270.1 Available under license:

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```

```
* limitations under the License.
package io.swagger.v3.oas.annotations.info;
import java.lang.annotation.Retention;
import java.lang.annotation.RetentionPolicy;
import java.lang.annotation.Target;
* The annotation may be used in {@link Info#license()} to define a license for the OpenAPI spec.
* @see <a target="_new" href="https://github.com/OAI/OpenAPI-
Specification/blob/3.0.1/versions/3.0.1.md#licenseObject">License (OpenAPI specification)</a>
* @see io.swagger.v3.oas.annotations.OpenAPIDefinition
* @see Info
**/
@Target({})
@Retention(RetentionPolicy.RUNTIME)
public @interface License {
 /**
  * The license name used for the API.
  * @return the name of the license
 String name() default "";
 /**
  * A URL to the license used for the API. MUST be in the format of a URL.
  * @return the URL of the license
 String url() default "";
```

1.271 swagger-compat-spec-parser 1.0.34

1.272 swagger-core 2.0.0-rc4

}

1.273 swagger-core 1.5.18

1.274 swagger-models 1.5.18

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```
package io.swagger.models;
import com.fasterxml.jackson.annotation.JsonAnyGetter;
import com.fasterxml.jackson.annotation.JsonAnySetter;
import java.util.LinkedHashMap;
import java.util.Map;
public class License {
 private Map<String, Object> vendorExtensions = new LinkedHashMap<String, Object>();
 private String name;
 private String url;
 public License name(String name) {
    setName(name);
    return this:
  }
 public License url(String url) {
    setUrl(url);
    return this;
  }
 public String getName() {
    return name;
  }
 public void setName(String name) {
    this.name = name;
  }
 public String getUrl() {
    return url;
  }
 public void setUrl(String url) {
    this.url = url;
```

}

```
@JsonAnyGetter
public Map<String, Object> getVendorExtensions() {
  return vendorExtensions;
}
@JsonAnySetter
public void setVendorExtension(String name, Object value) {
  if (name.startsWith("x-")) {
     vendorExtensions.put(name, value);
  }
}
public void setVendorExtensions(Map<String, Object> vendorExtensions) {
  this.vendorExtensions = vendorExtensions;
@Override
public int hashCode() {
  final int prime = 31;
  int result = 1;
  result = prime * result + ((name == null) ? 0 : name.hashCode());
  result = prime * result + ((url == null) ? 0 : url.hashCode());
  result = prime * result + ((vendorExtensions == null) ? 0 : vendorExtensions.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;
  License other = (License) obj;
  if (name == null) {
     if (other.name != null) {
       return false;
  } else if (!name.equals(other.name)) {
     return false;
  if (url == null) {
     if (other.url != null) {
       return false;
```

```
}
} else if (!url.equals(other.url)) {
    return false;
}
if (vendorExtensions == null) {
    if (other.vendorExtensions != null) {
        return false;
    }
} else if (!vendorExtensions.equals(other.vendorExtensions)) {
    return false;
}
return true;
}
```

1.275 swagger-models 2.0.0-rc4

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package io.swagger.v3.oas.models.info;
import java.util.Objects;
/**
* License
* @see "https://github.com/OAI/OpenAPI-Specification/blob/3.0.1/versions/3.0.1.md#licenseObject"
public class License {
 private String name = null;
 private String url = null;
```

```
private java.util.Map<String, Object> extensions = null;
/**
* returns the name property from a License instance.
* @return String name
**/
public String getName() {
  return name;
}
public void setName(String name) {
  this.name = name;
}
public License name(String name) {
  this.name = name;
  return this;
}
/**
* returns the url property from a License instance.
* @return String url
**/
public String getUrl() {
  return url;
public void setUrl(String url) {
  this.url = url;
}
public License url(String url) {
  this.url = url;
  return this;
}
@Override
public boolean equals(java.lang.Object o) {
  if (this == 0) {
     return true;
  if (o == null || getClass() != o.getClass()) {
     return false;
```

```
License license = (License) o;
  return Objects.equals(this.name, license.name) &&
       Objects.equals(this.url, license.url) &&
       Objects.equals(this.extensions, license.extensions);
}
@Override
public int hashCode() {
  return Objects.hash(name, url, extensions);
}
public java.util.Map<String, Object> getExtensions() {
  return extensions;
}
public void addExtension(String name, Object value) {
  if \; (name == null \; || \; name.isEmpty() \; || \; !name.startsWith("x-")) \; \{ \\
     return;
  }
  if (this.extensions == null) {
     this.extensions = new java.util.HashMap<>();
  }
  this.extensions.put(name, value);
}
public void setExtensions(java.util.Map<String, Object> extensions) {
  this.extensions = extensions;
}
public License extensions(java.util.Map<String, Object> extensions) {
  this.extensions = extensions;
  return this;
}
@Override
public String toString() {
  StringBuilder sb = new StringBuilder();
  sb.append("class License {\n");
                 name: ").append(toIndentedString(name)).append("\n");
  sb.append("
                 url: ").append(toIndentedString(url)).append("\n");
  sb.append("}");
  return sb.toString();
}
/**
* Convert the given object to string with each line indented by 4 spaces
* (except the first line).
```

```
*/
private String toIndentedString(java.lang.Object o) {
   if (o == null) {
      return "null";
   }
   return o.toString().replace("\n", "\n ");
}
```

1.276 swagger-parser 2.0.0-rc3

1.277 swagger-parser 1.0.34

1.278 swagger-parser-core 2.0.0-rc3

1.279 swagger-parser-v2-converter 2.0.0-rc3

1.280 swagger-parser-v3 2.0.0-rc3

1.281 symbol-observable 1.1.0

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1.282 symbol-observable 1.0.1

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1.283 system_info 0.0.16

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1.284 tcmalloc (includign perftools and libunwind) 2.4.91

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1.285 toml.dart 0.4.0

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1.286 type-is 1.6.15

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1.287 typed_data 1.1.3

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1.288 Ubuntu 14.04.5 Server ISO 14.04.5

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Version 2, June 1991

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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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"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

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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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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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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.)

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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.
- 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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1.293 vary 1.1.2

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1.295 vertx-bridge-common 3.5.1

1.296 vertx-core 3.5.1

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1.297 vertx-ignite 3.5.1

1.298 vertx-rx-java2 3.5.1

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1.305 vue-apollo 3.0.0-alpha.3

1.306 vue-js-modal 1.3.6

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1.309 watcher 0.9.7+3

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1.310 wslay 7d0545f40f7a120e6b6209680b1e532f8784a425

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1.311 yajl-2.0.1 2.0.1

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1.312 yaml 2.1.7

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1.313 yamlicious 0.0.5

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1.315 zen-observable-ts 0.8.8

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