



Open Source Used In Edge and Fog Processing Module 1.7.2

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1.4 archive 2.0.0

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zlib/deflate:

Java JZLib Library, <http://www.jcraft.com/jzlib/>

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010
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1.5 async-dart 1.12.0

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1.6 bcprov-jdk15on 1.64

1.7 Boost Library 1.67

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1.8 boost.process 0.5

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1.10 chartered-dart 0.4.8

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1.11 com.h2database 1.4.199

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```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
```

```
<!--
```

```
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```

```
Initial Developer: H2 Group
```

```
-->
```

```
<html xmlns="http://www.w3.org/1999/xhtml" lang="en" xml:lang="en">
```

```
<head><meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
```

```
<meta name="viewport" content="width=device-width, initial-scale=1" />
```

```
<title>
```

```
License
```

```
</title>
```

```
<link rel="stylesheet" type="text/css" href="stylesheet.css" />
```

```
<!-- [search] { -->
```

```
<script type="text/javascript" src="navigation.js"></script>
```

```
</head><body onload="frameMe();">
```

```
<table class="content"><tr class="content"><td class="content"><div class="contentDiv">
<!-- } -->
```

```
<h1>License</h1>
```

```
<a href="#summary">
```

```
Summary and License FAQ</a><br />
```

```
<a href="#mpl2">
```

```
Mozilla Public License Version 2.0</a><br />
```

```
<a href="#eclipse_license">
```

```
Eclipse Public License - Version 1.0</a><br />
```

```
<a href="#eccn">
```

```
Export Control Classification Number (ECCN)</a><br />
```

```
<h2 id="summary">Summary and License FAQ</h2>
```

```
<p>
```

```
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```

```
or under the EPL 1.0 (<a href="http://opensource.org/licenses/eclipse-1.0.php">Eclipse Public License</a>).
```

```
There is a license FAQ for both the MPL and the EPL.
```

```
</p>
```

```
<ul>
```

```
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```

```
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```

```
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```
</li><li>You don't need to provide the source code of H2 if you did not modify anything.
```

```
</li><li>If you distribute a binary that includes H2, you need to add a disclaimer of liability - see the example below.
```

```
</li></ul>
```

```
<p>
```

```
However, nobody is allowed to rename H2, modify it a little, and sell it as a database engine without telling the customers it is in fact H2.
```

```
This happened to HSQLDB: a company called 'bungisoft' copied HSQLDB, renamed it to 'RedBase', and tried to sell it,
```

```
hiding the fact that it was in fact just HSQLDB. It seems 'bungisoft' does not exist any more, but you can use the
```

```
<a href="http://www.archive.org">Wayback Machine</a> and visit old web pages of
```

```
<code>http://www.bungisoft.com</code>.
```

```
</p><p>
```

```
About porting the source code to another language (for example C# or C++): converted source code (even if done manually) stays under the same
```

```
copyright and license as the original code. The copyright of the ported source code does not (automatically) go to the person who ported the code.
```

```
</p>
```

```
<p>
```

```
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```

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1.19 commons-validator 1.6

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1.20 crypto 2.0.2

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1.21 csv-dart 2.0.1

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1.22 dart-lang sdk 1.21.1

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1.23 dart-lzma 0.3.0

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1.25 dartdap 0.3.3

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1.26 docker 1.12 :g3990f28

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1.27 docker-go-units 0.3.1-6 :gf2145db

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1.28 dsbroker 1.1.1+1

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1.29 dslink 0.23.0

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```
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");
    }
}
}
}

```

1.30 dslink-alarm 1.11.0

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#
# An entry with multiple email addresses specifies that the
# first address should be used in the submit logs and
# that the other addresses should be recognized as the
# same person when interacting with Gerrit.

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1.39 go-ansiterm 0.1

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1.40 go-blackfriday 1.4

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1.41 go-cleanhttp 0.1

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b5**

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1.42 go-cli 1.2

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1.43 go-crypto

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1.44 go-curve25519 1.6

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1.45 go-dockerclient 0.1

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1.46 go-ed25519 1.6

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1.47 go-net 0.1

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1.50 go-sys 0.1

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1.51 go-winio 0.3.5-2 :gce2922f

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1.53 gojsonpointer 1.0

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1.57 google-maps-dart 2.0.7

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1.58 gopass 1.6

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1.59 goreq 1.6

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1.60 historian 0.23.0

1.61 http-dart 0.11.3+9

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1.62 http_multi_server 2.0.3

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1.63 http_server-dart 0.9.6

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1.64 intl 0.15.0

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1.65 jackson-annotations 2.9.10

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1.66 jackson-core 2.9.10

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1.67 jackson-core 2.9.9

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1.68 jackson-databind 2.9.10.1

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1.69 jackson-dataformat-msgpack 0.8.17

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      <option name="fileTypeOverride" value="3" />
      <option name="addBlankAfter" value="false" />
      <option name="block" value="false" />
      <option name="prefixLines" value="false" />
    </LanguageOptions>
    <LanguageOptions name="Scala">
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      <option name="block" value="false" />
      <option name="prefixLines" value="false" />
    </LanguageOptions>
    <LanguageOptions name="__TEMPLATE__">
      <option name="addBlankAfter" value="false" />
    </LanguageOptions>
  </settings>
</component>
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    <option name="myName" value="msgpack" />
    <option name="keyword" value="MessagePack for Java" />
    <option name="notice" value="
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    Version 2.0 (the "License");
    you may not use this file except in compliance with the License.
    You may obtain a copy of the License at
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    distributed under the License is distributed on an "AS IS" BASIS,
    WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
    See the License for the specific language governing permissions and
    limitations under the License." />
  </copyright>
</component>
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1.71 jdbc-postgres 8.4.702

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1.75 legit-dart 0.1.1

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1.76 logging 0.23.0

1.77 logrus 0.10.0-38 :g3ec0642

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1.81 mime_type 0.1.8

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```
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  <h3>
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  </h3>
  <p id="text">
    <pre>
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    </pre>
  </p>
</body>
</html>
```

1.82 msgpack-core 0.8.17

1.83 msgpack-core 0.8.18

1.84 mysql-connector-java 6.0.6

1.85 netty 4.1.38

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- * HOMEPAGE:
 - * <https://github.com/ning/compress>

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1.89 package_config 0.1.5

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1.90 parstream-authentication 1.2

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1.92 path-dart 1.4.2

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1.93 petitparser-dart 1.5.3

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1.94 postgresql-jdbc 42.2.8

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1.95 pub_semver 1.3.2

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1.96 quiver-dart 0.22.0

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1.97 runc 1.0.0-rc1-218 :ga2a6e82

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1.98 runtime_shared 0.23.0

1.99 sanitized_anchor_name 0.1

:10ef21a441db47d8b13ebcc5fd2310f636973c7

7

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1.100 sdk-dslink-dart 1.0.2

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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> idMatches = {};
    Map<String, int> groupMatches = {};
    int defaultPermission = Permission.NONE;

    void updatePermissions(List data) {
        idMatches.clear();
        groupMatches.clear();
    }
}

```

```

defaultPermission = Permission.NONE;
for (Object obj in data) {
    if (obj is Map) {
        if (obj['id'] is String) {
            idMatches[obj['id']] = Permission.nameParser[obj['permission']];
        } else if (obj['group'] is String) {
            if (obj['group'] == 'default') {
                defaultPermission = Permission.nameParser[obj['permission']];
            } else {
                groupMatches[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 (idMatches.containsKey(responder.reqId)) {
        return idMatches[responder.reqId];
    }

    int rslt = Permission.NEVER;
    for (String group in responder.groups) {
        if (groupMatches.containsKey(group)) {
            int v = groupMatches[group];
            if (v < rslt) {
                // choose the lowest permission from all matched group
                rslt = v;
            }
        }
    }

    if (rslt == Permission.NEVER) {
        return defaultPermission;
    }
    return rslt;
}

```

1.101 sqlite-amalgamation 3.26.0

1.102 stack_trace 1.7.3

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1.103 Statemachine master

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1.104 stich-dart 0.2.0+4

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1.105 system_info 0.0.16

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1.106 tcmalloc (including perftools and libunwind) 2.4.91

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1.107 toml.dart 0.4.0

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1.108 typed_data 1.1.3

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1.109 utf 0.9.0+3

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1.110 watcher 0.9.7+3

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1.111 yajl-2.0.1 2.0.1

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1.112 yaml 2.1.7

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1.113 yamlicious 0.0.5

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