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1.6 bcprov-jdk15on 1.64

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1.22 dart-lang sdk 1.21.1

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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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```java
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");
```

1.29 dslink 0.23.0
1.29.1 Available under license :

package org.dsa.iot.dslink.node;

```java
/**
 * 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("Unhandle type");
    }
}

1.30 dslink-alarm 1.11.0
1.30.1 Available under license:

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72445afcc32028d9614ed2a5904edadeef34e0688e

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1.33 dslink-java-jdbc 0.2.6
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1.34 duosecurity-dart 0.0.1
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1.35 ghodss-yaml 1.0

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#
# This is the official list of people who can contribute
# (and typically have contributed) code to the Go repository.
# The AUTHORS file lists the copyright holders; this file
# lists people. For example, Google employees are listed here
# but not in AUTHORS, because Google holds the copyright.
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# Names should be added to this file only after verifying that
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# http://code.google.com/legal/individual-cla-v1.0.html
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# The agreement for individuals can be filled out on the web.
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# Names should be added to this file like so:
# Individual's name <submission email address>
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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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1.57 google-maps-dart 2.0.7

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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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1.64 intl 0.15.0

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1.65 jackson-annotations 2.9.10

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1.68 jackson-databind 2.9.10.1

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  <settings default="msgpack">
    <LanguageOptions name="JAVA">
      <option name="fileTypeOverride" value="3" />
      <option name="addBlankAfter" value="false" />
      <option name="block" value="false" />
      <option name="prefixLines" value="false" />
    </LanguageOptions>
    <LanguageOptions name="Scala">
      <option name="fileTypeOverride" value="3" />
      <option name="addBlankAfter" value="false" />
      <option name="block" value="false" />
      <option name="prefixLines" value="false" />
    </LanguageOptions>
    <LanguageOptions name="__TEMPLATE__">
      <option name="addBlankAfter" value="false" />
    </LanguageOptions>
  </settings>
  <component name="CopyrightManager">
    <copyright>
      <option name="allowReplaceKeyword" value="" />
      <option name="myName" value="msgpack" />
      <option name="keyword" value="MessagePack for Java" />
      <option name="notice" value="Licensed under the Apache License, 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 http://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law or agreed to in writing, software 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>
</component>
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1.71 jdbc-postgres 8.4.702
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1.76 logging 0.23.0

1.77 logrus 0.10.0-38 :g3ec0642

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1.88 OpenSSL 1.0.2q

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1.100 sdk-dslink-dart 1.0.2
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```
```
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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)
        {
            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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1.104 stich-dart 0.2.0+4

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1.105 system_info 0.0.16

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1.106 tcmalloc (includign perftools and libunwind) 2.4.91

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