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72445afc32028d9614ed2a5904edadef34e068e

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93cfbb439824087ad7e2422f5ba60d7db73ec2a

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1.22 legit-dart 0.1.1

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1.25 oauth-dart 1.2.1

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1.26 package_config 0.1.5

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1.29 petitparser-dart 1.5.3

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1.30 pub_semver 1.3.2

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1.32 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
}
/// 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
          rslt = v;
        }
      }
    }
    if (rslt == Permission.NEVER) {
      return defaultPermission;
    }
    return rslt;
  }
}
1.33 stack_trace 1.7.3

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1.34 stich-dart 0.2.0+4

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1.35 system_info 0.0.16

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1.36 toml.dart 0.4.0
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1.37 typed_data 1.1.3

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1.41 yamlicious 0.0.5

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