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  <title>W3C IPR SOFTWARE NOTICE</title>
<style type="text/css">
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html, body { background: #fff; color: #000; } /* body for Windows IE3 */
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</style>
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*/

```

```

import org.somewhere.ws.EchoRequest;
import org.somewhere.ws.EchoResponse;

```

```

public class CopyingResponse extends EchoResponse {

```

```

    public CopyingResponse() { }

```

```

    public CopyingResponse(EchoRequest request) {
        content = request.getContent();
    }
}

```

```

/*

```

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*/

/**
*
*/
import java.rmi.Remote;
public interface Legal extends Remote {};
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*/

```

```
package build.tools.cldrconverter;
```

```
import java.util.Calendar;
import java.util.GregorianCalendar;
import java.util.Locale;
import java.util.TimeZone;
```

```
class CopyrightHeaders {
    private static final String ORACLE2012 =
        "/*\n" +
        " * Copyright (c) %d, Oracle and/or its affiliates. All rights reserved.\n" +
        " */\n";

    private static final String ORACLE_AFTER2012 =
        "/*\n" +
        " * Copyright (c) 2012, %d, Oracle and/or its affiliates. All rights reserved.\n" +
        " */\n";

    private static final String UNICODE =
        "/*\n" +
        " * COPYRIGHT AND PERMISSION NOTICE\n" +
        " */\n" +
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        " * the Terms of Use in http://www.unicode.org/copyright.html.\n" +
        " */\n" +
        " * Permission is hereby granted, free of charge, to any person obtaining a copy\n" +
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```

```

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" */\n";

```

```

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" * questions.\n" +
" */\n";

```

```

static String getOracleCopyright() {
    int year = getYear();
    return String.format(year > 2012 ? ORACLE_AFTER2012 : ORACLE2012, year);
}

```

```

static String getUnicodeCopyright() {
    return UNICODE;
}

```

```

static String getOpenJDKCopyright() {
    int year = getYear();
    return String.format(year > 2012 ? OPENJDK_AFTER2012 : OPENJDK2012, year);
}

```

```

}

private static int getYear() {
    return new GregorianCalendar(TimeZone.getTimeZone("America/Los_Angeles"),
        Locale.US).get(Calendar.YEAR);
}

// no instantiation
private CopyrightHeaders() {
}
}

```

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Glenn Randers-Pehrson  
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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.
 *
 * @param object the object being guarded (currently ignored).
 *
 * @throws SecurityException
 *     if a security manager exists and its
 *     {@code checkPermission} method doesn't allow access.
 *
 * @see Guard
 * @see GuardedObject
 * @see SecurityManager#checkPermission
 *
 */
public void checkGuard(Object object) throws SecurityException {
    SecurityManager sm = System.getSecurityManager();
    if (sm != null) sm.checkPermission(this);
}

/**
 * Checks if the specified permission's actions are "implied by"
 * this object's actions.
 * <P>
 * This must be implemented by subclasses of Permission, as they are the
 * only ones that can impose semantics on a Permission object.
 *
 * <p>The {@code implies} method is used by the AccessController to determine
 * whether or not a requested permission is implied by another permission that
 * is known to be valid in the current execution context.
 *
 * @param permission the permission to check against.
 *
 * @return true if the specified permission is implied by this object,
 * false if not.
 */
public abstract boolean implies(Permission permission);

```

```

/**
 * Checks two Permission objects for equality.
 * <P>
 * Do not use the { @code equals } method for making access control
 * decisions; use the { @code implies } method.
 *
 * @param obj the object we are testing for equality with this object.
 *
 * @return true if both Permission objects are equivalent.
 */

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>
 *
 * both return
 * "read,write" when the { @code getActions } method is invoked.
 *
 * @return the actions of this Permission.
 *
 */

```

```

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 + "\)";
        }
    }
}
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 * questions.
 */

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
 */
public interface 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.
 *
 * @return the string representation of the permission.
 */
public String toString();

}

```

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# Version

# Uses Fedora Core 6 fonts and file paths.
version=1

# Component Font Mappings

dialog.plain.latin-1=DejaVu LGC Sans
dialog.plain.japanese-x0208=Sazanami Gothic
dialog.plain.korean=Baekmuk Gulim
dialog.plain.chinese-big5=AR PL ShanHeiSun Uni
dialog.plain.chinese-gb18030=AR PL ShanHeiSun Uni

dialog.bold.latin-1=DejaVu LGC Sans Bold
dialog.bold.japanese-x0208=Sazanami Gothic
dialog.bold.korean=Baekmuk Gulim
dialog.bold.chinese-big5=AR PL ShanHeiSun Uni
dialog.bold.chinese-gb18030=AR PL ShanHeiSun Uni

dialog.italic.latin-1=DejaVu LGC Sans Oblique
dialog.italic.japanese-x0208=Sazanami Gothic
dialog.italic.korean=Baekmuk Gulim
dialog.italic.chinese-big5=AR PL ShanHeiSun Uni
dialog.italic.chinese-gb18030=AR PL ShanHeiSun Uni
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dialog.bolditalic.latin-1=DejaVu LGC Sans Bold Oblique  
dialog.bolditalic.japanese-x0208=Sazanami Gothic  
dialog.bolditalic.korean=Baekmuk Gulim  
dialog.bolditalic.chinese-big5=AR PL ShanHeiSun Uni  
dialog.bolditalic.chinese-gb18030=AR PL ShanHeiSun Uni

sansserif.plain.latin-1=DejaVu LGC Sans  
sansserif.plain.japanese-x0208=Sazanami Gothic  
sansserif.plain.korean=Baekmuk Gulim  
sansserif.plain.chinese-big5=AR PL ShanHeiSun Uni  
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sansserif.bolditalic.korean=Baekmuk Gulim  
sansserif.bolditalic.chinese-big5=AR PL ShanHeiSun Uni  
sansserif.bolditalic.chinese-gb18030=AR PL ShanHeiSun Uni

serif.plain.latin-1=DejaVu LGC Serif  
serif.plain.japanese-x0208=Sazanami Mincho  
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serif.plain.chinese-big5=AR PL ZenKai Uni  
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serif.bolditalic.chinese-gb18030=AR PL ZenKai Uni

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monospaced.bolditalic.chinese-gb18030=AR PL ShanHeiSun Uni

dialoginput.plain.latin-1=DejaVu LGC Sans Mono  
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dialoginput.bold.chinese-gb18030=AR PL ShanHeiSun Uni

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dialoginput.italic.chinese-big5=AR PL ShanHeiSun Uni  
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dialoginput.bolditalic.japanese-x0208=Sazanami Gothic  
dialoginput.bolditalic.korean=Baekmuk Gulim  
dialoginput.bolditalic.chinese-big5=AR PL ShanHeiSun Uni  
dialoginput.bolditalic.chinese-gb18030=AR PL ShanHeiSun Uni

#### # Search Sequences

sequence.allfonts=latin-1  
sequence.allfonts.Big5=chinese-big5,latin-1  
sequence.allfonts.x-euc-jp-bsd=japanese-x0208,latin-1  
sequence.allfonts.EUC-KR=korean,latin-1  
sequence.allfonts.GB18030=chinese-gb18030,latin-1  
sequence.fallback=chinese-big5,chinese-gb18030,japanese-x0208,korean

#### # Font File Names

filename.DejaVu\_LGC\_Sans=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans.ttf  
filename.DejaVu\_LGC\_Sans\_Bold=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans-Bold.ttf  
filename.DejaVu\_LGC\_Sans\_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans-Oblique.ttf  
filename.DejaVu\_LGC\_Sans\_Bold\_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSans-BoldOblique.ttf  
  
filename.DejaVu\_LGC\_Sans\_Mono=/usr/share/fonts/dejavu-lgc/DejaVuLGCSansMono.ttf  
filename.DejaVu\_LGC\_Sans\_Mono\_Bold=/usr/share/fonts/dejavu-lgc/DejaVuLGCSansMono-Bold.ttf  
filename.DejaVu\_LGC\_Sans\_Mono\_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSansMono-Oblique.ttf  
filename.DejaVu\_LGC\_Sans\_Mono\_Bold\_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSansMono-BoldOblique.ttf  
  
filename.DejaVu\_LGC\_Serif=/usr/share/fonts/dejavu-lgc/DejaVuLGCSerif.ttf  
filename.DejaVu\_LGC\_Serif\_Bold=/usr/share/fonts/dejavu-lgc/DejaVuLGCSerif-Bold.ttf  
filename.DejaVu\_LGC\_Serif\_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSerif-Oblique.ttf  
filename.DejaVu\_LGC\_Serif\_Bold\_Oblique=/usr/share/fonts/dejavu-lgc/DejaVuLGCSerif-BoldOblique.ttf  
  
filename.Sazanami\_Gothic=/usr/share/fonts/japanese/TrueType/sazanami-gothic.ttf  
filename.Sazanami\_Mincho=/usr/share/fonts/japanese/TrueType/sazanami-mincho.ttf  
filename.AR\_PL\_ShanHeiSun\_Uni=/usr/share/fonts/chinese/TrueType/uming.ttf  
filename.AR\_PL\_ZenKai\_Uni=/usr/share/fonts/chinese/TrueType/ukai.ttf  
filename.Baekmuk\_Gulim=/usr/share/fonts/korean/TrueType/gulim.ttf  
filename.Baekmuk\_Batang=/usr/share/fonts/korean/TrueType/batang.ttf  
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## 1.3 ant-launcher 1.7.0

## 1.3.1 Available under license :

Apache License

Version 2.0, January 2004

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## 1.4 Apache Ant 1.10.5

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```
<?xml version="1.0" encoding="utf-8"?>
```

```
<!--
```

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```
-->
```

```
<!DOCTYPE contributors
```

```
[
```

```
<!ELEMENT name (first?, middle?, last)>
```

```
<!ELEMENT contributors (introduction, name+)>
```

```
<!ELEMENT first (#PCDATA)>
```

```
<!ELEMENT introduction (#PCDATA)>
```

```
<!ELEMENT middle (#PCDATA)>
```

```
<!ELEMENT last (#PCDATA)>
```

```
]
```

```
>
```

```
<contributors>
```

```
<introduction>
```

These are some of the many people who have helped Ant become so successful.

```
</introduction>
```

```
<name>
```

<first>Adam</first>  
<last>Blinkinsop</last>  
</name>  
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<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<!-- NewPage -->
<html lang="en">
<head>
<!-- Generated by javadoc (1.8.0_171) on Tue Jul 10 06:49:45 CEST 2018 -->
<title>Permissions.Permission (Apache Ant API)</title>
<meta name="date" content="2018-07-10">
<link rel="stylesheet" type="text/css" href="../../../../../../stylesheet.css" title="Style">
<script type="text/javascript" src="../../../../../../script.js"></script>
</head>
<body>
<script type="text/javascript"><!--
  try {
    if (location.href.indexOf('is-external=true') == -1) {
      parent.document.title="Permissions.Permission (Apache Ant API)";
    }
  }
-->

```

```

    catch(err) {
    }
//-->
var methods = {"i0":10,"i1":10,"i2":10,"i3":10,"i4":10,"i5":10,"i6":10};
var tabs = {65535:["t0","All Methods"],2:["t2","Instance Methods"],8:["t4","Concrete Methods"]};
var altColor = "altColor";
var rowColor = "rowColor";
var tableTab = "tableTab";
var activeTableTab = "activeTableTab";
</script>
<noscript>
<div>JavaScript is disabled on your browser.</div>
</noscript>
<!-- ===== START OF TOP NAVBAR ===== -->
<div class="topNav"><a name="navbar.top">
<!-- -->
</a>
<div class="skipNav"><a href="#skip.navbar.top" title="Skip navigation links">Skip navigation links</a></div>
<a name="navbar.top.firstrow">
<!-- -->
</a>
<ul class="navList" title="Navigation">
<li><a href="../../../../overview-summary.html">Overview</a></li>
<li><a href="package-summary.html">Package</a></li>
<li class="navBarCell1Rev">Class</li>
<li><a href="package-tree.html">Tree</a></li>
<li><a href="../../../../deprecated-list.html">Deprecated</a></li>
<li><a href="../../../../index-all.html">Index</a></li>
<li><a href="../../../../help-doc.html">Help</a></li>
</ul>
</div>
<div class="subNav">
<ul class="navList">
<li><a href="../../../../org/apache/tools/ant/types/Permissions.html" title="class in org.apache.tools.ant.types"><span class="typeNameLink">Prev&nbsp;Class</span></a></li>
<li><a href="../../../../org/apache/tools/ant/types/PropertySet.html" title="class in org.apache.tools.ant.types"><span class="typeNameLink">Next&nbsp;Class</span></a></li>
</ul>
<ul class="navList">
<li><a href="../../../../index.html?org/apache/tools/ant/types/Permissions.Permission.html" target="_top">Frames</a></li>
<li><a href="Permissions.Permission.html" target="_top">No&nbsp;Frames</a></li>
</ul>
<ul class="navList" id="allclasses_navbar_top">
<li><a href="../../../../allclasses-noframe.html">All&nbsp;Classes</a></li>
</ul>
</div>
<script type="text/javascript"><!--

```

```

allClassesLink = document.getElementById("allclasses_navbar_top");
if(window==top) {
  allClassesLink.style.display = "block";
}
else {
  allClassesLink.style.display = "none";
}
//-->
</script>
</div>
<div>
<ul class="subNavList">
<li>Summary:&nbsp;</li>
<li>Nested&nbsp;&nbsp;&nbsp;</li>
<li>Field&nbsp;&nbsp;&nbsp;</li>
<li><a href="#constructor.summary">Constr</a>&nbsp;&nbsp;&nbsp;</li>
<li><a href="#method.summary">Method</a></li>
</ul>
<ul class="subNavList">
<li>Detail:&nbsp;</li>
<li>Field&nbsp;&nbsp;&nbsp;</li>
<li><a href="#constructor.detail">Constr</a>&nbsp;&nbsp;&nbsp;</li>
<li><a href="#method.detail">Method</a></li>
</ul>
</div>
<a name="skip.navbar.top">
<!-- -->
</a></div>
<!-- ===== END OF TOP NAVBAR ===== -->
<!-- ===== START OF CLASS DATA ===== -->
<div class="header">
<div class="subTitle">org.apache.tools.ant.types</div>
<h2 title="Class Permissions.Permission" class="title">Class Permissions.Permission</h2>
</div>
<div class="contentContainer">
<ul class="inheritance">
<li>java.lang.Object</li>
<li>
<ul class="inheritance">
<li>org.apache.tools.ant.types.Permissions.Permission</li>
</ul>
</li>
</ul>
<div class="description">
<ul class="blockList">
<li class="blockList">
<dl>
<dt>Enclosing class:</dt>

```

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<dd><a href=" ../../../../org/apache/tools/ant/types/Permissions.html" title="class in
org.apache.tools.ant.types">Permissions</a></dd>
</dl>
<hr>
<br>
<pre>public static class <span class="typeNameLabel">Permissions.Permission</span>
extends java.lang.Object</pre>
<div class="block">Represents a permission.</div>
</li>
</ul>
</div>
<div class="summary">
<ul class="blockList">
<li class="blockList">
<!-- ===== CONSTRUCTOR SUMMARY ===== -->
<ul class="blockList">
<li class="blockList"><a name="constructor.summary">
<!-- -->
</a>
<h3>Constructor Summary</h3>
<table class="memberSummary" border="0" cellpadding="3" cellspacing="0" summary="Constructor Summary
table, listing constructors, and an explanation">
<caption><span>Constructors</span><span class="tabEnd">&nbsp;</span></caption>
<tr>
<th class="colOne" scope="col">Constructor and Description</th>
</tr>
<tr class="altColor">
<td class="colOne"><code><span class="memberNameLink"><a
href=" ../../../../org/apache/tools/ant/types/Permissions.Permission.html#Permission--
">Permission</a></span>()</code>&nbsp;</td>
</tr>
</table>
</li>
</ul>
<!-- ===== METHOD SUMMARY ===== -->
<ul class="blockList">
<li class="blockList"><a name="method.summary">
<!-- -->
</a>
<h3>Method Summary</h3>
<table class="memberSummary" border="0" cellpadding="3" cellspacing="0" summary="Method Summary table,
listing methods, and an explanation">
<caption><span id="t0" class="activeTableTab"><span>All Methods</span><span
class="tabEnd">&nbsp;</span></span><span id="t2" class="tableTab"><span><a
href="javascript:show(2);">Instance Methods</a></span><span class="tabEnd">&nbsp;</span></span><span
id="t4" class="tableTab"><span><a href="javascript:show(8);">Concrete Methods</a></span><span
class="tabEnd">&nbsp;</span></span></caption>
<tr>

```

```

<th class="colFirst" scope="col">Modifier and Type</th>
<th class="colLast" scope="col">Method and Description</th>
</tr>
<tr id="i0" class="altColor">
<td class="colFirst"><code>java.lang.String</code></td>
<td class="colLast"><code><span class="memberNameLink"><a
href="../../../../org/apache/tools/ant/types/Permissions.Permission.html#getActions--
">getActions</a></span>()</code>
<div class="block">Get the actions.</div>
</td>
</tr>
<tr id="i1" class="rowColor">
<td class="colFirst"><code>java.lang.String</code></td>
<td class="colLast"><code><span class="memberNameLink"><a
href="../../../../org/apache/tools/ant/types/Permissions.Permission.html#getClassName--
">getClassName</a></span>()</code>
<div class="block">Get the class of the permission.</div>
</td>
</tr>
<tr id="i2" class="altColor">
<td class="colFirst"><code>java.lang.String</code></td>
<td class="colLast"><code><span class="memberNameLink"><a
href="../../../../org/apache/tools/ant/types/Permissions.Permission.html#getName--
">getName</a></span>()</code>
<div class="block">Get the name of the permission.</div>
</td>
</tr>
<tr id="i3" class="rowColor">
<td class="colFirst"><code>void</code></td>
<td class="colLast"><code><span class="memberNameLink"><a
href="../../../../org/apache/tools/ant/types/Permissions.Permission.html#setActions-java.lang.String-
">setActions</a></span>(java.lang.String&nbsp;&nbsp;actions)</code>
<div class="block">Set the actions.</div>
</td>
</tr>
<tr id="i4" class="altColor">
<td class="colFirst"><code>void</code></td>
<td class="colLast"><code><span class="memberNameLink"><a
href="../../../../org/apache/tools/ant/types/Permissions.Permission.html#setClass-java.lang.String-
">setClass</a></span>(java.lang.String&nbsp;&nbsp;aClass)</code>
<div class="block">Set the class, mandatory.</div>
</td>
</tr>
<tr id="i5" class="rowColor">
<td class="colFirst"><code>void</code></td>
<td class="colLast"><code><span class="memberNameLink"><a
href="../../../../org/apache/tools/ant/types/Permissions.Permission.html#setName-java.lang.String-
">setName</a></span>(java.lang.String&nbsp;&nbsp;aName)</code>

```

```

<div class="block">Set the name of the permission.</div>
</td>
</tr>
<tr id="i6" class="altColor">
<td class="colFirst"><code>java.lang.String</code></td>
<td class="colLast"><code><span class="memberNameLink"><a
href="../../../../org/apache/tools/ant/types/Permissions.Permission.html#toString--">toString</a></span>()</code>
<div class="block">Get a string description of the permissions.</div>
</td>
</tr>
</table>
<ul class="blockList">
<li class="blockList"><a name="methods.inherited.from.class.java.lang.Object">
<!-- -->
</a>
<h3>Methods inherited from class java.lang.Object</h3>
<code>clone, equals, finalize, getClass, hashCode, notify, notifyAll, wait, wait, wait</code></li>
</ul>
</li>
</ul>
</li>
</ul>
</div>
<div class="details">
<ul class="blockList">
<li class="blockList">
<!-- ===== CONSTRUCTOR DETAIL ===== -->
<ul class="blockList">
<li class="blockList"><a name="constructor.detail">
<!-- -->
</a>
<h3>Constructor Detail</h3>
<a name="Permission--">
<!-- -->
</a>
<ul class="blockListLast">
<li class="blockList">
<h4>Permission</h4>
<pre>public Permission()</pre>
</li>
</ul>
</li>
</ul>
<!-- ===== METHOD DETAIL ===== -->
<ul class="blockList">
<li class="blockList"><a name="method.detail">
<!-- -->
</a>

```

```

<h3>Method Detail</h3>
<a name="setClass-java.lang.String-">
<!-- -->
</a>
<ul class="blockList">
<li class="blockList">
<h4>setClass</h4>
<pre>public void setClass(java.lang.String aClass)</pre>
<div class="block">Set the class, mandatory.</div>
<dl>
<dt><span class="paramLabel">Parameters:</span></dt>
<dd><code>aClass</code> - The class name of the permission.</dd>
</dl>
</li>
</ul>
<a name="getClassName--">
<!-- -->
</a>
<ul class="blockList">
<li class="blockList">
<h4>getClassName</h4>
<pre>public java.lang.String getClassName()</pre>
<div class="block">Get the class of the permission.</div>
<dl>
<dt><span class="returnLabel">Returns:</span></dt>
<dd>The class name of the permission.</dd>
</dl>
</li>
</ul>
<a name="setName-java.lang.String-">
<!-- -->
</a>
<ul class="blockList">
<li class="blockList">
<h4>setName</h4>
<pre>public void setName(java.lang.String aName)</pre>
<div class="block">Set the name of the permission.</div>
<dl>
<dt><span class="paramLabel">Parameters:</span></dt>
<dd><code>aName</code> - The name of the permission.</dd>
</dl>
</li>
</ul>
<a name="getName--">
<!-- -->
</a>
<ul class="blockList">
<li class="blockList">

```

```

<h4>getName</h4>
<pre>public java.lang.String getName()</pre>
<div class="block">Get the name of the permission.</div>
<dl>
<dt><span class="returnLabel">Returns:</span></dt>
<dd>The name of the permission.</dd>
</dl>
</li>
</ul>
<a name="setActions-java.lang.String-">
<!-- -->
</a>
<ul class="blockList">
<li class="blockList">
<h4>setActions</h4>
<pre>public void setActions(java.lang.String actions)</pre>
<div class="block">Set the actions.</div>
<dl>
<dt><span class="paramLabel">Parameters:</span></dt>
<dd><code>actions</code> - The actions of the permission.</dd>
</dl>
</li>
</ul>
<a name="getActions--">
<!-- -->
</a>
<ul class="blockList">
<li class="blockList">
<h4>getActions</h4>
<pre>public java.lang.String getActions()</pre>
<div class="block">Get the actions.</div>
<dl>
<dt><span class="returnLabel">Returns:</span></dt>
<dd>The actions of the permission.</dd>
</dl>
</li>
</ul>
<a name="toString--">
<!-- -->
</a>
<ul class="blockListLast">
<li class="blockList">
<h4>toString</h4>
<pre>public java.lang.String toString()</pre>
<div class="block">Get a string description of the permissions.</div>
<dl>
<dt><span class="overrideSpecifyLabel">Overrides:</span></dt>
<dd><code>toString</code>&nbsp;in class <code>java.lang.Object</code></dd>

```

```

<dt><span class="returnLabel">Returns:</span></dt>
<dd>string description of the permissions.</dd>
</dl>
</li>
</ul>
</li>
</ul>
</li>
</ul>
</div>
</div>
<!-- ===== END OF CLASS DATA ===== -->
<!-- ===== START OF BOTTOM NAVBAR ===== -->
<div class="bottomNav"><a name="navbar.bottom">
<!-- -->
</a>
<div class="skipNav"><a href="#skip.navbar.bottom" title="Skip navigation links">Skip navigation
links</a></div>
<a name="navbar.bottom.firstrow">
<!-- -->
</a>
<ul class="navList" title="Navigation">
<li><a href="../../../../overview-summary.html">Overview</a></li>
<li><a href="package-summary.html">Package</a></li>
<li class="navBarCell1Rev">Class</li>
<li><a href="package-tree.html">Tree</a></li>
<li><a href="../../../../deprecated-list.html">Deprecated</a></li>
<li><a href="../../../../index-all.html">Index</a></li>
<li><a href="../../../../help-doc.html">Help</a></li>
</ul>
</div>
<div class="subNav">
<ul class="navList">
<li><a href="../../../../org/apache/tools/ant/types/Permissions.html" title="class in
org.apache.tools.ant.types"><span class="typeNameLink">Prev&nbsp;Class</span></a></li>
<li><a href="../../../../org/apache/tools/ant/types/PropertySet.html" title="class in
org.apache.tools.ant.types"><span class="typeNameLink">Next&nbsp;Class</span></a></li>
</ul>
<ul class="navList">
<li><a href="../../../../index.html?org/apache/tools/ant/types/Permissions.Permission.html"
target="_top">Frames</a></li>
<li><a href="Permissions.Permission.html" target="_top">No&nbsp;Frames</a></li>
</ul>
<ul class="navList" id="allclasses_navbar_bottom">
<li><a href="../../../../allclasses-noframe.html">All&nbsp;Classes</a></li>
</ul>
</div>
<script type="text/javascript"><!--

```

```

allClassesLink = document.getElementById("allclasses_navbar_bottom");
if(window==top) {
  allClassesLink.style.display = "block";
}
else {
  allClassesLink.style.display = "none";
}
//-->
</script>
</div>
<div>
<ul class="subNavList">
<li>Summary:&nbsp;</li>
<li>Nested&nbsp;&nbsp;&nbsp;</li>
<li>Field&nbsp;&nbsp;&nbsp;</li>
<li><a href="#constructor.summary">Constr</a>&nbsp;&nbsp;&nbsp;</li>
<li><a href="#method.summary">Method</a></li>
</ul>
<ul class="subNavList">
<li>Detail:&nbsp;</li>
<li>Field&nbsp;&nbsp;&nbsp;</li>
<li><a href="#constructor.detail">Constr</a>&nbsp;&nbsp;&nbsp;</li>
<li><a href="#method.detail">Method</a></li>
</ul>
</div>
<a name="skip.navbar.bottom">
<!-- -->
</a></div>
<!-- ===== END OF BOTTOM NAVBAR ===== -->
</body>
</html>
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- javaee\_5.xsd
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- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd

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- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
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- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
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- javaee\_web\_services\_1\_2.xsd
- javaee\_web\_services\_client\_1\_2.xsd
- javaee\_6.xsd
- javaee\_web\_services\_1\_3.xsd
- javaee\_web\_services\_client\_1\_3.xsd
- jsp\_2\_2.xsd
- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
- web-fragment\_3\_0.xsd
- javaee\_7.xsd
- javaee\_web\_services\_1\_4.xsd
- javaee\_web\_services\_client\_1\_4.xsd
- jsp\_2\_3.xsd
- web-app\_3\_1.xsd
- web-common\_3\_1.xsd
- web-fragment\_3\_1.xsd
- javaee\_8.xsd
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- web-app\_3\_0.xsd
- web-common\_3\_0.xsd
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## 1.12 JUnit 3.8.1

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# 1.13 log4j 1.2.15

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## 1.14 nginx 1.0.14

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// Original can be found at:

// <https://bitbucket.org/lindenlab/llsd>

// Modifications by Joshua Bell [inexorable@lindenlab.com](mailto:inexorable@lindenlab.com)

// <https://github.com/inexorable/polyfill>

// ES3/ES5 implementation of the Khronos Typed Array Specification

// Ref: <http://www.khronos.org/registry/typedarray/specs/latest/>

// Date: 2011-02-01

//

// Variations:

// \* Allows `typed_array.get/set()` as alias for subscripts (`typed_array[]`)

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Files: getopt.c

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\*/

```
#ifndef UV_BSD_H
```

```
#define UV_BSD_H
```

```
#define UV_PLATFORM_FS_EVENT_FIELDS
```

```
uv__io_t event_watcher;
```

```
#define UV_IO_PRIVATE_PLATFORM_FIELDS
```

```
int rcount;
```

```
int wcount;
```

```
#define UV_HAVE_KQUEUE 1
```

```
#endif /* UV_BSD_H */
```

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Version 2, December 2004

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## Use as a JavaScript Library

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[![devDependency Status](<https://david-dm.org/shinnn/spdx-license-ids/dev-status.svg>)](<https://david-dm.org/shinnn/spdx-license-ids#info=devDependencies>)

### Installation

#### Package managers

##### [npm](https://www.npmjs.com/)

```
```sh
npm install spdx-license-ids
```
```

##### [bower](http://bower.io/)

```
```sh
bower install spdx-license-ids
```
```

##### [Duo](http://duojs.org/)

```
```javascript
const spdxLicenseIds = require('shinnn/spdx-license-ids');
```
```

#### Standalone

[Download the script file directly.](https://raw.githubusercontent.com/shinnn/spdx-license-ids/master/spdx-license-ids-browser.js)

### API

##### spdxLicenseIds

Type: `Array` of `String`

It returns an array of SPDX license identifiers.

```
```javascript
const spdxLicenseIds = require('spdx-license-ids'); //=> ['Glide', 'Abstyles', 'AFL-1.1', ... ]
```
```

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```
{
  "_args": [
    [
      "spdx-license-ids@^1.0.0",
      "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-expression-parse"
    ],
    [
      "spdx-license-ids@^1.0.2",
```

```

"/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-correct"
]
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"_from": "spdx-license-ids@>=1.0.0 <2.0.0",
"_id": "spdx-license-ids@1.2.0",
"_inCache": true,
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"_location": "/validate-npm-package-license/spdx-expression-parse/spdx-license-ids",
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  "email": "snnskwtnb@gmail.com",
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"_phantomChildren": {},
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  "type": "range"
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  "/validate-npm-package-license/spdx-expression-parse"
],
"_shrinkwrap": null,
"_spec": "spdx-license-ids@^1.0.0",
"_where": "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-expression-
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"author": {
  "name": "Shinnosuke Watanabe",
  "url": "https://github.com/shinnn"
},
"bugs": {
  "url": "https://github.com/shinnn/spdx-license-ids/issues"
},
"dependencies": {},
"description": "A list of SPDX license identifiers",
"devDependencies": {
  "@shinnn/eslintrc": "^1.0.0",
  "each-async": "^1.1.1",
  "eslint": "^0.24.0",
  "got": "^3.3.0",
  "istanbul": "^0.3.17",
  "require-bower-files": "^2.0.0",
  "rimraf": "^2.4.1",
  "stringify-object": "^2.2.0",

```

```

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  "directories": {},
  "dist": {
    "shasum": "b549dd0f63dcb745a17e2ea3a07402e0e332d1e2",
    "tarball": "http://registry.npmjs.org/spdx-license-ids/-/spdx-license-ids-1.2.0.tgz"
  },
  "files": [
    "spdx-license-ids.json"
  ],
  "gitHead": "f74a7a16ca05540e0e97f1bbb61da07829b5d9ab",
  "homepage": "https://github.com/shinnn/spdx-license-ids#readme",
  "keywords": [
    "array",
    "browser",
    "client-side",
    "id",
    "identifier",
    "identifiers",
    "json",
    "license",
    "licenses",
    "oss",
    "spdx"
  ],
  "license": "Unlicense",
  "main": "spdx-license-ids.json",
  "maintainers": [
    {
      "name": "shinnn",
      "email": "snnskwtb@gmail.com"
    }
  ],
  "name": "spdx-license-ids",
  "optionalDependencies": {},
  "readme": "ERROR: No README data found!",
  "repository": {
    "type": "git",
    "url": "git+https://github.com/shinnn/spdx-license-ids.git"
  },
  "scripts": {
    "build": "node --harmony_arrow_functions build.js",
    "coverage": "node --harmony_arrow_functions node_modules/.bin/istanbul cover test.js",
    "coveralls": "${npm_package_scripts_coverage} && istanbul-coveralls",
    "lint": "eslint --config node_modules/@shinnn/eslintrc/rc.json --ignore-path .gitignore .",
    "pretest": "${npm_package_scripts_build} && ${npm_package_scripts_lint}",
    "test": "node --harmony_arrow_functions test.js"
  },

```

```
"version": "1.2.0"  
}  
[  
  "Glide",  
  "Abstyles",  
  "AFL-1.1",  
  "AFL-1.2",  
  "AFL-2.0",  
  "AFL-2.1",  
  "AFL-3.0",  
  "AMPAS",  
  "APL-1.0",  
  "Adobe-Glyph",  
  "APAFML",  
  "Adobe-2006",  
  "AGPL-1.0",  
  "Afmparse",  
  "Aladdin",  
  "ADSL",  
  "AMDPLPA",  
  "ANTLR-PD",  
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  "AML",  
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  "APSL-1.1",  
  "APSL-1.2",  
  "APSL-2.0",  
  "Artistic-1.0",  
  "Artistic-1.0-Perl",  
  "Artistic-1.0-cl8",  
  "Artistic-2.0",  
  "AAL",  
  "Bahyph",  
  "Barr",  
  "Beerware",  
  "BitTorrent-1.0",  
  "BitTorrent-1.1",  
  "BSL-1.0",  
  "Borceux",  
  "BSD-2-Clause",  
  "BSD-2-Clause-FreeBSD",  
  "BSD-2-Clause-NetBSD",  
  "BSD-3-Clause",  
  "BSD-3-Clause-Clear",  
  "BSD-4-Clause",  
  "BSD-Protection",
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"BSD-3-Clause-Attribution",  
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"BSD-4-Clause-UC",  
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"bzip2-1.0.6",  
"Caldera",  
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"CECILL-C",  
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"MIT-CMU",  
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"CNRI-Python-GPL-Compatible",  
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"MIT-enna",  
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"LPL-1.0",  
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"Multics",  
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"NGPL",  
"NOSL",  
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"NPL-1.1",  
"Newsletr",  
"NLPL",  
"Nokia",  
"NPOSL-3.0",  
"Noweb",  
"NRL",  
"NTP",  
"Nunit",  
"OCLC-2.0",  
"ODbL-1.0",  
"PDDL-1.0",  
"OCCT-PL",  
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"RPSL-1.0",  
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"RSCPL",  
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"Ruby",  
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"Saxpath",  
"SCEA",  
"SWL",  
"Sendmail",  
"SGI-B-1.0",  
"SGI-B-1.1",  
"SGI-B-2.0",  
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"Spencer-99",  
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"SugarCRM-1.1.3",  
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"SISSL-1.2",  
"SPL-1.0",  
"Watcom-1.0",  
"TCL",  
"Unlicense",  
"TMate",  
"TORQUE-1.1",  
"TOSL",  
"Unicode-TOU",  
"UPL-1.0",  
"NCSA",

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"Vim",
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"VSL-1.0",
"W3C-19980720",
"W3C",
"Wsuipa",
"Xnet",
"X11",
"Xerox",
"XFree86-1.1",
"xinetd",
"xpp",
"XSkat",
"YPL-1.0",
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"Zed",
"Zend-2.0",
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"Zimbra-1.4",
"Zlib",
"zlib-acknowledgement",
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"ZPL-2.0",
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"GPL-2.0-with-bison-exception",
"GPL-2.0-with-classpath-exception",
"GPL-2.0-with-font-exception",
"GPL-2.0-with-GCC-exception",
"GPL-3.0-with-autoconf-exception",
"GPL-3.0-with-GCC-exception",
"StandardML-NJ",
"WXwindows"
]
[
"389-exception",
"Autoconf-exception-2.0",
"Autoconf-exception-3.0",
"Bison-exception-2.2",
"CLISP-exception-2.0",
"Classpath-exception-2.0",
"FLTK-exception",
"FLTK-exception-2.0",
"Font-exception-2.0",
"GCC-exception-2.0",
"GCC-exception-3.1",
"LZMA-exception",
```

```

"Libtool-exception",
"Nokia-Qt-exception-1.1",
"Qwt-exception-1.0",
"WxWindows-exception-3.1",
"eCos-exception-2.0",
"freertos-exception-2.0",
"gnu-javamail-exception",
"i2p-gpl-java-exception",
"mif-exception",
"u-boot-exception-2.0"
]

```

The package exports an array of strings.

```

{
  "_args": [
    [
      "spdx-exceptions@^1.0.4",
      "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-expression-parse"
    ]
  ],
  "_from": "spdx-exceptions@>=1.0.4 <2.0.0",
  "_id": "spdx-exceptions@1.0.4",
  "_inCache": true,
  "_installable": true,
  "_location": "/validate-npm-package-license/spdx-expression-parse/spdx-exceptions",
  "_nodeVersion": "5.0.0",
  "_npmUser": {
    "email": "kyle@kemitchell.com",
    "name": "kemitchell"
  },
  "_npmVersion": "3.3.6",
  "_phantomChildren": {},
  "_requested": {
    "name": "spdx-exceptions",
    "raw": "spdx-exceptions@^1.0.4",
    "rawSpec": "^1.0.4",
    "scope": null,
    "spec": ">=1.0.4 <2.0.0",
    "type": "range"
  },
  "_requiredBy": [
    "/validate-npm-package-license/spdx-expression-parse"
  ],
  "_resolved": "https://registry.npmjs.org/spdx-exceptions/-/spdx-exceptions-1.0.4.tgz",
  "_shasum": "220b84239119ae9045a892db81a83f4ce16f80fd",
  "_shrinkwrap": null,
  "_spec": "spdx-exceptions@^1.0.4",
  "_where": "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-expression-parse",

```

```

"author": {
  "name": "The Linux Foundation"
},
"bugs": {
  "url": "https://github.com/kemitchell/spdx-exceptions.json/issues"
},
"contributors": [
  {
    "name": "Kyle E. Mitchell",
    "email": "kyle@kemitchell.com",
    "url": "https://kemitchell.com/"
  }
],
"dependencies": {},
"description": "list of SPDX standard license exceptions",
"devDependencies": {},
"directories": {},
"dist": {
  "shasum": "220b84239119ae9045a892db81a83f4ce16f80fd",
  "tarball": "http://registry.npmjs.org/spdx-exceptions/-/spdx-exceptions-1.0.4.tgz"
},
"gitHead": "770316d6c946417ab6efa8533b82d0b61779092b",
"homepage": "https://github.com/kemitchell/spdx-exceptions.json#readme",
"license": "CC-BY-3.0",
"maintainers": [
  {
    "name": "kemitchell",
    "email": "kyle@kemitchell.com"
  }
],
"name": "spdx-exceptions",
"optionalDependencies": {},
"readme": "ERROR: No README data found!",
"repository": {
  "type": "git",
  "url": "git+https://github.com/kemitchell/spdx-exceptions.json.git"
},
"scripts": {},
"version": "1.0.4"
}

```

```
var parser = require('./parser.generated.js').parser
```

```
module.exports = function(argument) {
  return parser.parse(argument) }

```

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```
````javascript
var parse = require('spdx-expression-parse')
var assert = require('assert')

var firstAST = {
  left: { license: 'LGPL-2.1' },
  conjunction: 'or',
  right: {
    left: { license: 'BSD-3-Clause' },
    conjunction: 'and',
    right: { license: 'MIT' } } }

assert.deepEqual(
  parse('(LGPL-2.1 OR BSD-3-Clause AND MIT)'),
  firstAST)

var secondAST = {
  left: { license: 'MIT' },
  conjunction: 'and',
  right: {
    left: {
      license: 'LGPL-2.1',
      plus: true },
    conjunction: 'and',
    right: { license: 'BSD-3-Clause' } } }

assert.deepEqual(
  parse('(MIT AND (LGPL-2.1+ AND BSD-3-Clause))'),
  secondAST)
```

```
// We handle all the bare SPDX license and exception ids as well.
```

```
require('spdx-license-ids').forEach(function(id) {  
  assert.deepEqual(  
    parse(id),  
    { license: id })  
  require('spdx-exceptions').forEach(function(e) {  
    assert.deepEqual(  
      parse(id + ' WITH ' + e),  
      { license: id, exception: e }) }) })  
...  
---
```

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```
var spdxparse=function(){var o=function(k,v,o,l){for(o=o||{ },l=k.length;l--;o[k[l]]=v);return o},$V0=[1,5],$V1=[1,6],$V2=[1,7],$V3=[1,4],$V4=[1,9],$V5=[1,10],$V6=[5,14,15,17],$V7=[5,12,14,15,17];var parser={trace:function trace(){},yy:{},symbols_: {error:2,start:3,expression:4,EOS:5,simpleExpression:6,LICENSE:7,PLUS:8,LICENSEREF:9,DOCUMENTREF:10,COLON:11,WITH:12,EXCEPTION:13,AND:14,OR:15,OPEN:16,CLOSE:17,$accept:0,$end:1},terminals_: {2:"error",5:"EOS",7:"LICENSE",8:"PLUS",9:"LICENSEREF",10:"DOCUMENTREF",11:"COLON",12:"WITH",13:"EXCEPTION",14:"AND",15:"OR",16:"OPEN",17:"CLOSE"},productions_: [0,[3,2],[6,1],[6,2],[6,1],[6,3],[4,1],[4,3],[4,3],[4,3],[4,3]],performAction:function anonymous(yytext,yyleng,yylineno,yy,yystate,$$,$_){var $0=$$.length-1;switch(yystate){case 1:return this.$=$[$0-1];break;case 2:case 4:case 5:this.$={license:yytext};break;case 3:this.$={license:$[$0-1],plus:true};break;case 6:this.$=$[$0];break;case 7:this.$={exception:$[$0]};this$.license=$[$0-2].license;if($[$0-2].hasOwnProperty("plus")){this$.plus=$[$0-2].plus}break;case 8:this.$={conjunction:"and",left:$[$0-2],right:$[$0]};break;case 9:this.$={conjunction:"or",left:$[$0-2],right:$[$0]};break;case 10:this.$=$[$0-1];break}},table: [{3: [1,4,2,6,3,7:$V0,9:$V1,10:$V2,16:$V3], {1: [3]}, {5: [1,8], 14: $V4, 15: $V5}, o($V6, [2,6]), {12: [1,11]}, {4: [12,6,3,7:$V0,9:$V1,10:$V2,16:$V3], o($V7, [2,2]), {8: [1,13]}, o($V7, [2,4]), {11: [1,14]}, {1: [2,1]}, {4: [15,6,3,7:$V0,9:$V1,10:$V2,16:$V3], {4: [16,6,3,7:$V0,9:$V1,10:$V2,16:$V3], {13: [1,17]}, {14: $V4, 15: $V5, 17: [1,18]}, o($V7, [2,3]), {9: [1,19]}, o($V6, [2,8]), o([5,15,17], [2,9]), {14: $V4}, o($V6, [2,7]), o($V6, [2,10]), o($V7, [2,5])], defaultActions: {8: [2,1]}, parseError: function parseError(str,hash){if(hash.recoverable){this.trace(str)}else{throw new Error(str)}}, parse: function parse(input){var self=this,stack=[0],tstack=[],vstack=[null],lstack=[],table=this.table,yytext="",yylineno=0,yyleng=0,recovering=0,TERROR=2,EOF=1;var args=lstack.slice.call(arguments,1);var lexer=Object.create(this.lexer);var sharedState={yy:{}};for(var k in this.yy){if(Object.prototype.hasOwnProperty.call(this.yy,k)){sharedState.yy[k]=this.yy[k]}}lexer.setInput(input,sharedState.yy);sharedState.yy.lexer=lexer;sharedState.yy.parser=this;if(typeof lexer.yylloc=="undefined"){lexer.yylloc={}}var yyloc=lexer.yylloc;lstack.push(yyloc);var ranges=lexer.options&&lexer.options.ranges;if(typeof sharedState.yy.parseError=="function"){this.parseError=sharedState.yy.parseError}else{this.parseError=Object.getPrototypeOf(this).parseError}function popStack(n){stack.length=stack.length-2*n;vstack.length=vstack.length-n;lstack.length=lstack.length-n}_token_stack:function lex(){var token;token=lexer.lex()||EOF;if(typeof token!="number"){token=self.symbols_[token]||token}return token}var
```

```

symbol,preErrorSymbol,state,action,a,r,yyval={ },p,len,newState,expected;while(true){ state=stack[stack.length-1];if(this.defaultActions[state]){ action=this.defaultActions[state]}else{ if(symbol===null||typeof symbol=="undefined"){ symbol=lex()} action=table[state]&&table[state][symbol]}if(typeof action==="undefined"||!action.length||!action[0]){ var errStr="";expected=[];for(p in table[state]){ if(this.terminals_[p]&&p>TERROR){ expected.push(""+this.terminals_[p]+"" )}if(lexer.showPosition){ errStr="Parse error on line "+(yylineno+1)+"\n"+lexer.showPosition()+"\nExpecting "+expected.join(",")+", got "+(this.terminals_[symbol]||symbol)+"" }else{ errStr="Parse error on line "+(yylineno+1)+"\n: Unexpected "+(symbol===EOF?"end of input":"")+this.parseError(errStr,{ text:lexer.match,token:this.terminals_[symbol]||symbol,line:lexer.yylineno,loc:yyloc,expected:expected})}if(action[0]instanceof Array&&action.length>1){ throw new Error("Parse Error: multiple actions possible at state: "+state+", token: "+symbol)}switch(action[0]){ case 1:stack.push(symbol);vstack.push(lexer.yytext);lstack.push(lexer.yylloc);stack.push(action[1]);symbol=null;if(!preErrorSymbol){ yytext=lexer.yytext;yylineno=lexer.yylineno;yyloc=lexer.yylloc;if(recovering>0){ recovering-- }else{ symbol=preErrorSymbol;preErrorSymbol=null}break;case 2:len=this.productions_[action[1]][1];yyval.$=vstack[vstack.length-len];yyval._$={ first_line:lstack[lstack.length-(len||1)].first_line,last_line:lstack[lstack.length-1].last_line,first_column:lstack[lstack.length-(len||1)].first_column,last_column:lstack[lstack.length-1].last_column};if(ranges){ yyval._$.range=[lstack[lstack.length-(len||1)].range[0],lstack[lstack.length-1].range[1]}r=this.performAction.apply(yyval,[yytext,yytext.length,yylineno,sharedState.yy,action[1],vstack,lstack].concat(args));if(typeof r!="undefined"){ return r}if(len){ stack=stack.slice(0,-1*len*2);vstack=vstack.slice(0,-1*len);lstack=lstack.slice(0,-1*len)}stack.push(this.productions_[action[1]][0]);vstack.push(yyval.$);lstack.push(yyval._$);newState=table[stack[stack.length-2]][stack[stack.length-1]];stack.push(newState);break;case 3:return true}}return true}};var lexer=function(){ var lexer={ EOF:1,parseError:function parseError(str,hash){ if(this.yy.parser){ this.yy.parser.parseError(str,hash)}else{ throw new Error(str)}},setInput:function(input,yy){ this.yy=yy||this.yy||{};this._input=input;this._more=this._backtrack=this.done=false;this.yylineno=this.yyleng=0;this.yytext=this.matched=this.match="";this.conditionStack=["INITIAL"];this.yylloc={ first_line:1,first_column:0,last_line:1,last_column:0};if(this.options.ranges){ this.yylloc.range=[0,0]}this.offset=0;return this},input:function(){ var ch=this._input[0];this.yytext+=ch;this.yyleng++;this.offset++;this.match+=ch;this.matched+=ch;var lines=ch.match(/(?:\r\n?|\n).*/g);if(lines){ this.yylineno++;this.yylloc.last_line++}else{ this.yylloc.last_column++}if(this.options.ranges){ this.yylloc.range[1]++}this._input=this._input.slice(1);return ch},unput:function(ch){ var len=ch.length;var lines=ch.split(/(?:\r\n?|\n)/g);this._input=ch+this._input;this.yytext=this.yytext.substr(0,this.yytext.length-len);this.offset-=len;var oldLines=this.match.split(/(?:\r\n?|\n)/g);this.match=this.match.substr(0,this.match.length-1);this.matched=this.matched.substr(0,this.matched.length-1);if(lines.length-1){ this.yylineno-=lines.length-1}var r=this.yylloc.range;this.yylloc={ first_line:this.yylloc.first_line,last_line:this.yylineno+1,first_column:this.yylloc.first_column,last_column:lines?(lines.length===oldLines.length?this.yylloc.first_column)+oldLines[oldLines.length-lines.length].length-lines[0].length:this.yylloc.first_column-len};if(this.options.ranges){ this.yylloc.range=[r[0],r[0]+this.yyleng-len]}this.yyleng=this.yytext.length;return this},more:function(){ this._more=true;return this},reject:function(){ if(this.options.backtrack_lexer){ this._backtrack=true}else{ return this.parseError("Lexical error on line "+(this.yylineno+1)+"\n. You can only invoke reject() in the lexer when the lexer is of the backtracking persuasion (options.backtrack_lexer = true).\n"+this.showPosition(),{ text:"",token:null,line:this.yylineno})}return this},less:function(n){ this.unput(this.match.slice(n))},pastInput:function(){ var past=this.matched.substr(0,this.matched.length-this.match.length);return(past.length>20?"...":"")+past.substr(-20).replace(/\n/g,"")},upcomingInput:function(){ var

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next=this.match;if(next.length<20){next+=this._input.substr(0,20-
next.length)}return(next.substr(0,20)+(next.length>20?"...":"").replace(/\n/g,"")),showPosition:function(){var
pre=this.pastInput();var c=new Array(pre.length+1).join("-");return
pre+this.upcomingInput()+"\n"+c+"^"},test_match:function(match,indexed_rule){var
token,lines,backup;if(this.options.backtrack_lexer){backup={yylineno:this.yylineno,yylloc:{first_line:this.yylloc.fir
st_line,last_line:this.last_line,first_column:this.yylloc.first_column,last_column:this.yylloc.last_column},yytext:this
.yytext,match:this.match,matches:this.matches,matched:this.matched,yyleng:this.yyleng,offset:this.offset,_more:this
._more,_input:this._input,yy:this.yy,conditionStack:this.conditionStack.slice(0),done:this.done};if(this.options.range
s){backup.yylloc.range=this.yylloc.range.slice(0)}lines=match[0].match(/(?:\r\n?\n).*/g);if(lines){this.yylineno+=l
ines.length}this.yylloc={first_line:this.yylloc.last_line,last_line:this.yylineno+1,first_column:this.yylloc.last_colum
n,last_column:lines?lines[lines.length-1].length-lines[lines.length-
1].match(/^\r?\n?/)[0].length:this.yylloc.last_column+match[0].length};this.yytext+=match[0];this.match+=match[0];
this.matches=match;this.yyleng=this.yytext.length;if(this.options.ranges){this.yylloc.range=[this.offset,this.offset+=
this.yyleng]}this._more=false;this._backtrack=false;this._input=this._input.slice(match[0].length);this.matched+=m
atch[0];token=this.performAction.call(this,this.yy,this,indexed_rule,this.conditionStack[this.conditionStack.length-
1]);if(this.done&&this._input){this.done=false}if(token){return token}else if(this._backtrack){for(var k in
backup){this[k]=backup[k]}return false}return false},next:function(){if(this.done){return
this.EOF}if(!this._input){this.done=true}var
token,match,tempMatch,index;if(!this._more){this.yytext="";this.match=""}var rules=this._currentRules();for(var
i=0;i<rules.length;i++){tempMatch=this._input.match(this.rules[rules[i]]);if(tempMatch&&(!match||tempMatch[0].l
ength>match[0].length)){match=tempMatch;index=i;if(this.options.backtrack_lexer){token=this.test_match(tempM
atch,rules[i]);if(token!==false){return token}else if(this._backtrack){match=false;continue}else{return false}}else
if(!this.options.flex){break}}if(match){token=this.test_match(match,rules[index]);if(token!==false){return
token}return false}if(this._input====""){return this.EOF}else{return this.parseError("Lexical error on line
"+(this.yylineno+1)+" . Unrecognized
text.\n"+this.showPosition(),{text:"",token:null,line:this.yylineno})}},lex:function lex(){var
r=this.next();if(r){return r}else{return this.lex()}},begin:function
begin(condition){this.conditionStack.push(condition)},popState:function popState(){var
n=this.conditionStack.length-1;if(n>0){return this.conditionStack.pop()}else{return
this.conditionStack[0]}},_currentRules:function
_currentRules(){if(this.conditionStack.length&&this.conditionStack[this.conditionStack.length-1]){return
this.conditions[this.conditionStack[this.conditionStack.length-1]].rules}else{return
this.conditions["INITIAL"].rules}},topState:function topState(n){n=this.conditionStack.length-1-
Math.abs(n||0);if(n>=0){return this.conditionStack[n]}else{return"INITIAL"}},pushState:function
pushState(condition){this.begin(condition)},stateStackSize:function stateStackSize(){return
this.conditionStack.length},options:{},performAction:function
anonymous(yy,yy_,$avoiding_name_collisions,YY_START){var
YYSTATE=YY_START;switch($avoiding_name_collisions){case 0:return 5;break;case 1:break;case 2:return
8;break;case 3:return 16;break;case 4:return 17;break;case 5:return 11;break;case 6:return 10;break;case 7:return
9;break;case 8:return 14;break;case 9:return 15;break;case 10:return 12;break;case 11:return 7;break;case 12:return
7;break;case 13:return 7;break;case 14:return 13;break;case 15:return 13;break;case 16:return 13;break;case
17:return 13;break;case 18:return 13;break;case 19:return 13;break;case 20:return 13;break;case 21:return
13;break;case 22:return 7;break;case 23:return 7;break;case 24:return 13;break;case 25:return 13;break;case
26:return 13;break;case 27:return 7;break;case 28:return 13;break;case 29:return 13;break;case 30:return
13;break;case 31:return 7;break;case 32:return 7;break;case 33:return 13;break;case 34:return 13;break;case
35:return 13;break;case 36:return 7;break;case 37:return 13;break;case 38:return 7;break;case 39:return 7;break;case
40:return 7;break;case 41:return 7;break;case 42:return 7;break;case 43:return 7;break;case 44:return 7;break;case
45:return 7;break;case 46:return 7;break;case 47:return 7;break;case 48:return 7;break;case 49:return 7;break;case

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271:return 7;break;case 272:return 7;break;case 273:return 7;break;case 274:return 7;break;case 275:return 7;break;case 276:return 7;break;case 277:return 7;break;case 278:return 7;break;case 279:return 7;break;case 280:return 7;break;case 281:return 7;break;case 282:return 7;break;case 283:return 7;break;case 284:return 7;break;case 285:return 7;break;case 286:return 7;break;case 287:return 7;break;case 288:return 7;break;case 289:return 7;break;case 290:return 7;break;case 291:return 7;break;case 292:return 7;break;case 293:return 7;break;case 294:return 7;break;case 295:return 7;break;case 296:return 7;break;case 297:return 7;break;case 298:return 7;break;case 299:return 7;break;case 300:return 7;break;case 301:return 7;break;case 302:return 7;break;case 303:return 7;break;case 304:return 7;break;case 305:return 7;break;case 306:return 7;break;case 307:return 7;break;case 308:return 7;break;case 309:return 7;break;case 310:return 7;break;case 311:return 7;break;case 312:return 7;break;case 313:return 7;break;case 314:return 7;break;case 315:return 7;break;case 316:return 7;break;case 317:return 7;break;case 318:return 7;break;case 319:return 7;break;case 320:return 7;break;case 321:return 7;break;case 322:return 7;break;case 323:return 7;break;case 324:return 7;break;case 325:return 7;break;case 326:return 7;break;case 327:return 7;break;case 328:return 7;break;case 329:return 7;break;case 330:return 7;break;case 331:return 7;break;case 332:return 7;break;case 333:return 7;break;case 334:return 7;break;case 335:return 7;break;case 336:return 7;break;case 337:return 7;break;case 338:return 7;break; }},rules:[/^(?:\$)/,^(?:\s+)/,^(?:\+),^(?:\()/,^(?:\)/,^(?:\:)/,^(?:DocumentRef-([0-9A-Za-z-+.]+))/,^(?:LicenseRef-([0-9A-Za-z-+.]+))/,^(?:AND)/,^(?:OR)/,^(?:WITH)/,^(?:MPL-2.0-no-copyleft-exception)/,^(?:CNRI-Python-GPL-Compatible)/,^(?:BSD-3-Clause-Attribution)/,^(?:WxWindows-exception-3\1)/,^(?:Classpath-exception-2\0)/,^(?:gnu-javamail-exception)/,^(?:freertos-exception-2\0)/,^(?:i2p-gpl-java-exception)/,^(?:Autoconf-exception-2\0)/,^(?:Nokia-Qt-exception-1\1)/,^(?:Autoconf-exception-3\0)/,^(?:zlib-acknowledgement)/,^(?:BSD-2-Clause-FreeBSD)/,^(?:u-boot-exception-2\0)/,^(?:Bison-exception-2\2)/,^(?:CLISP-exception-2\0)/,^(?:BSD-2-Clause-NetBSD)/,^(?:FLTK-exception-2\0)/,^(?:eCos-exception-2\0)/,^(?:Font-exception-2\0)/,^(?:BSD-3-Clause-Clear)/,^(?:BSD-3-Clause-LBNL)/,^(?:GCC-exception-3\1)/,^(?:Qwt-exception-1\0)/,^(?:GCC-exception-2\0)/,^(?:Artistic-1\0-Perl)/,^(?:Libtool-exception)/,^(?:Artistic-1\0-cl8)/,^(?:CC-BY-NC-SA-4\0)/,^(?:CC-BY-NC-SA-1\0)/,^(?:CC-BY-NC-ND-4\0)/,^(?:CC-BY-NC-SA-3\0)/,^(?:CC-BY-NC-ND-3\0)/,^(?:CC-BY-NC-SA-2\5)/,^(?:CC-BY-NC-ND-2\0)/,^(?:CC-BY-NC-ND-1\0)/,^(?:CC-BY-NC-SA-2\0)/,^(?:MIT-advertising)/,^(?:BSD-4-Clause-UC)/,^(?:CC-BY-NC-ND-2\5)/,^(?:FLTK-exception)/,^(?:SugarCRM-1\1\3)/,^(?:CrystalStacker)/,^(?:BSD-Protection)/,^(?:LZMA-exception)/,^(?:BitTorrent-1\1)/,^(?:BitTorrent-1\0)/,^(?:Frameworkx-1\0)/,^(?:mif-exception)/,^(?:Interbase-1\0)/,^(?:389-exception)/,^(?:HaskellReport)/,^(?:CC-BY-NC-3\0)/,^(?:CC-BY-ND-4\0)/,^(?:CC-BY-NC-1\0)/,^(?:CC-BY-NC-2\0)/,^(?:CC-BY-NC-2\5)/,^(?:CC-BY-SA-4\0)/,^(?:CC-BY-NC-4\0)/,^(?:W3C-19980720)/,^(?:BSD-4-Clause)/,^(?:Artistic-1\0)/,^(?:BSD-3-Clause)/,^(?:CC-BY-ND-1\0)/,^(?:BSD-2-Clause)/,^(?:CC-BY-ND-2\0)/,^(?:CC-BY-ND-2\5)/,^(?:CC-BY-ND-3\0)/,^(?:Artistic-2\0)/,^(?:CC-BY-SA-1\0)/,^(?:CC-BY-SA-2\0)/,^(?:CC-BY-SA-2\5)/,^(?:CC-BY-SA-3\0)/,^(?:XFree86-1\1)/,^(?:OLDAP-2\0\1)/,^(?:bzip2-1\0\6)/,^(?:OLDAP-2\2\1)/,^(?:ImageMagick)/,^(?:Unicode-TOU)/,^(?:Adobe-Glyph)/,^(?:CUA-OPL-1\0)/,^(?:CNRI-Jython)/,^(?:CNRI-Python)/,^(?:bzip2-1\0\5)/,^(?:OLDAP-2\2\2)/,^(?:PostgreSQL)/,^(?:Apache-1\1)/,^(?:CECILL-1\0)/,^(?:Apache-2\0)/,^(?:Zimbra-1\4)/,^(?:CECILL-1\1)/,^(?:Zimbra-1\3)/,^(?:Adobe-2006)/,^(?:JasPer-2\0)/,^(?:CECILL-2\0)/,^(?:TORQUE-1\1)/,^(?:CECILL-2\1)/,^(?:Watcom-1\0)/,^(?:Intel-ACPI)/,^(?:ClArtistic)/,^(?:Spencer-99)/,^(?:Condor-1\1)/,^(?:Spencer-94)/,^(?:gSOAP-1\3b)/,^(?:EUDatagrid)/,^(?:Spencer-86)/,^(?:Python-2\0)/,^(?:RHeCos-1\1)/,^(?:CATOSL-1\1)/,^(?:Apache-1\0)/,^(?:FreeImage)/,^(?:SGI-B-1\1)/,^(?:SGI-B-1\0)/,^(?:SimPL-2\0)/,^(?:Sleepycat)/,^(?:Crossword)/,^(?:EriPL-1\1)/,^(?:CPOL-1\02)/,^(?:OLDAP-2\8)/,^(?:OLDAP-2\7)/,^(?:OLDAP-2\6)/,^(?:CC-BY-1\0)/,^(?:OLDAP-2\5)/,^(?:OLDAP-2\4)/,^(?:OLDAP-2\3)/,^(?:SISSL-1\2)/,^(?:Unlicense)/,^(?:SGI-B-2\0)/,^(?:OLDAP-2\2)/,^(?:OLDAP-2\1)/,^(?:CC-BY-2\5)/,^(?:D-FSL-1\0)/,^(?:LPPL-1\3a)/,^(?:LPPL-1\3c)/,^(?:OLDAP-2\0)/,^(?:CC-BY-3\0)/,^(?:Leptonica)/,^(?:OLDAP-1\4)/,^(?:OLDAP-1\3)/,^(?:OLDAP-1\2)/,^(?:OLDAP-1\1)/,^(?:MakeIndex)/,^(?:CC-BY-4\0)/,^(?:NPOSL-3\0)/,^(?:CC-BY-2\0)/,^(?:PHP-3\01)/,^(?:ANTLR-PD)/,^(?:APSL-1\0)/,^(?:MIT-enna)/,^(?:IBM-pibs)/,^(?:APSL-1\1)/,^(?:APSL-

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1\2)/^(?:Beerware)/^(?:EUPPL-1\0)/^(?:EUPPL-1\1)/^(?:diffmark)/^(?:CDDL-1\0)/^(?:Zend-
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1\0)/^(?:Giftware)/^(?:Abstyles)/^(?:LPPL-1\1)/^(?:LPPL-1\2)/^(?:Sendmail)/^(?:CECILL-
B)/^(?:AGPL-3\0)/^(?:GFDL-1\1)/^(?:GFDL-1\2)/^(?:GFDL-1\3)/^(?:RPSL-1\0)/^(?:LPL-
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-
PD)/^(?:MITNFA)/^(?:eGenix)/^(?:iMatix)/^(?:Imlib2)/^(?:Libpng)/^(?:xinetd)/^(?:LGPLLR)/^(?:Wsuip
a)/^(?:SMLNJ)/^(?:RSCPL)/^(?:SISSL)/^(?:Rdisc)/^(?:Noweb)/^(?:Qhull)/^(?:Nunit)/^(?:GL2PS)/^(?:T
Mate)/^(?:MirOS)/^(?:MS-RL)/^(?:Intel)/^(?:MS-
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SDP)/^(?:HPND)/^(?:Barr)/^(?:SNIA)/^(?:ADSL)/^(?:NLPL)/^(?:Fair)/^(?:NOSL)/^(?:NGPL)/^(?:SCE
A)/^(?:Zed)/^(?:DOC)/^(?:ICU)/^(?:Vim)/^(?:xpp)/^(?:OML)/^(?:AAL)/^(?:AML)/^(?:W3C)/^(?:ISC)/
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18,319,320,321,322,323,324,325,326,327,328,329,330,331,332,333,334,335,336,337,338],inclusive:true]}};return
lexer});parser.lexer=lexer;function Parser(){this.yy={}}Parser.prototype=parser;parser.Parser=Parser;return new
Parser();if(typeof require!=="undefined"&&typeof
exports!=="undefined"){exports.parser=spdxparse;exports.Parser=spdxparse.Parser;exports.parse=function(){return
spdxparse.parse.apply(spdxparse,arguments)};exports.main=function
commonjsMain(args){if(!args[1]){console.log("Usage: "+args[0]+" FILE");process.exit(1)}var
source=require("fs").readFileSync(require("path").normalize(args[1]),"utf8");return
exports.parser.parse(source)};if(typeof
module!=="undefined"&&require.main===module){exports.main(process.argv.slice(1))}}
{
  "_args": [

```

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[
  "spdx-expression-parse@~1.0.0",
  "/Users/rebecca/code/npm/node_modules/validate-npm-package-license"
]
],
"_from": "spdx-expression-parse@>=1.0.0 <1.1.0",
"_id": "spdx-expression-parse@1.0.2",
"_inCache": true,
"_installable": true,
"_location": "/validate-npm-package-license/spdx-expression-parse",
"_nodeVersion": "5.0.0",
"_npmUser": {
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  "name": "kemitchell"
},
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  "raw": "spdx-expression-parse@~1.0.0",
  "rawSpec": "~1.0.0",
  "scope": null,
  "spec": ">=1.0.0 <1.1.0",
  "type": "range"
},
"_requiredBy": [
  "/validate-npm-package-license"
],
"_resolved": "https://registry.npmjs.org/spdx-expression-parse/-/spdx-expression-parse-1.0.2.tgz",
"_shasum": "d52b14b5e9670771440af225bcb563122ac452f6",
"_shrinkwrap": null,
"_spec": "spdx-expression-parse@~1.0.0",
"_where": "/Users/rebecca/code/npm/node_modules/validate-npm-package-license",
"author": {
  "email": "kyle@kemitchell.com",
  "name": "Kyle E. Mitchell",
  "url": "http://kemitchell.com"
},
"bugs": {
  "url": "https://github.com/kemitchell/spdx-expression-parse.js/issues"
},
"dependencies": {
  "spdx-exceptions": "^1.0.4",
  "spdx-license-ids": "^1.0.0"
},
"description": "parse SPDX license expressions",
"devDependencies": {
  "defence-cli": "^1.0.1",

```

```

    "jison": "^0.4.15",
    "replace-require-self": "^1.0.0",
    "uglify-js": "^2.4.24"
  },
  "directories": {},
  "dist": {
    "shasum": "d52b14b5e9670771440af225bcb563122ac452f6",
    "tarball": "http://registry.npmjs.org/spdx-expression-parse/-/spdx-expression-parse-1.0.2.tgz"
  },
  "gitHead": "ffe2fa7272ebf640b18286fc561f17a844d4f06b",
  "homepage": "https://github.com/kemitchell/spdx-expression-parse.js#readme",
  "keywords": [
    "SPDX",
    "law",
    "legal",
    "license",
    "metadata",
    "package",
    "package.json",
    "standards"
  ],
  "license": "(MIT AND CC-BY-3.0)",
  "maintainers": [
    {
      "name": "kemitchell",
      "email": "kyle@kemitchell.com"
    }
  ],
  "name": "spdx-expression-parse",
  "optionalDependencies": {},
  "readme": "ERROR: No README data found!",
  "repository": {
    "type": "git",
    "url": "git+https://github.com/kemitchell/spdx-expression-parse.js.git"
  },
  "scripts": {
    "prepublish": "node generate-parser.js | uglifyjs > parser.generated.js",
    "pretest": "npm run prepublish",
    "test": "defence -i javascript README.md | replace-require-self | node"
  },
  "version": "1.0.2"
}
{
  "_args": [
    [
      "spdx-license-ids@^1.0.2",
      "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-correct"
    ]
  ]
}

```

```

],
  "_from": "spdx-license-ids@>=1.0.2 <2.0.0",
  "_id": "spdx-license-ids@1.2.0",
  "_inCache": true,
  "_installable": true,
  "_location": "/validate-npm-package-license/spdx-correct/spdx-license-ids",
  "_nodeVersion": "5.4.0",
  "_npmUser": {
    "email": "snnskwtnb@gmail.com",
    "name": "shinnn"
  },
  "_npmVersion": "3.5.2",
  "_phantomChildren": {},
  "_requested": {
    "name": "spdx-license-ids",
    "raw": "spdx-license-ids@^1.0.2",
    "rawSpec": "^1.0.2",
    "scope": null,
    "spec": ">=1.0.2 <2.0.0",
    "type": "range"
  },
  "_requiredBy": [
    "/validate-npm-package-license/spdx-correct"
  ],
  "_resolved": "https://registry.npmjs.org/spdx-license-ids/-/spdx-license-ids-1.2.0.tgz",
  "_shasum": "b549dd0f63dcb745a17e2ea3a07402e0e332d1e2",
  "_shrinkwrap": null,
  "_spec": "spdx-license-ids@^1.0.2",
  "_where": "/Users/rebecca/code/npm/node_modules/validate-npm-package-license/node_modules/spdx-correct",
  "author": {
    "name": "Shinnosuke Watanabe",
    "url": "https://github.com/shinnn"
  },
  "bugs": {
    "url": "https://github.com/shinnn/spdx-license-ids/issues"
  },
  "dependencies": {},
  "description": "A list of SPDX license identifiers",
  "devDependencies": {
    "@shinnn/eslintrc": "^1.0.0",
    "each-async": "^1.1.1",
    "eslint": "^0.24.0",
    "got": "^3.3.0",
    "istanbul": "^0.3.17",
    "require-bower-files": "^2.0.0",
    "rimraf": "^2.4.1",
    "stringify-object": "^2.2.0",
    "tape": "^4.0.0"
  }
}

```

```

},
"directories": {},
"dist": {
  "shasum": "b549dd0f63dcb745a17e2ea3a07402e0e332d1e2",
  "tarball": "http://registry.npmjs.org/spdx-license-ids/-/spdx-license-ids-1.2.0.tgz"
},
"files": [
  "spdx-license-ids.json"
],
"gitHead": "f74a7a16ca05540e0e97f1bbb61da07829b5d9ab",
"homepage": "https://github.com/shinnn/spdx-license-ids#readme",
"keywords": [
  "array",
  "browser",
  "client-side",
  "id",
  "identifier",
  "identifiers",
  "json",
  "license",
  "licenses",
  "oss",
  "spdx"
],
"license": "Unlicense",
"main": "spdx-license-ids.json",
"maintainers": [
  {
    "name": "shinnn",
    "email": "snnskwtb@gmail.com"
  }
],
"name": "spdx-license-ids",
"optionalDependencies": {},
"readme": "ERROR: No README data found!",
"repository": {
  "type": "git",
  "url": "git+https://github.com/shinnn/spdx-license-ids.git"
},
"scripts": {
  "build": "node --harmony_arrow_functions build.js",
  "coverage": "node --harmony_arrow_functions node_modules/.bin/istanbul cover test.js",
  "coveralls": "${npm_package_scripts_coverage} && istanbul-coveralls",
  "lint": "eslint --config node_modules/@shinnc/eslintrc/rc.json --ignore-path .gitignore .",
  "pretest": "${npm_package_scripts_build} && ${npm_package_scripts_lint}",
  "test": "node --harmony_arrow_functions test.js"
},
"version": "1.2.0"

```

```

}
var licenseIDs = require('spdx-license-ids');

function valid(string) {
  return licenseIDs.indexOf(string) > -1;
}

// Common transpositions of license identifier acronyms
var transpositions = [
  ['APGL', 'AGPL'],
  ['Gpl', 'GPL'],
  ['GLP', 'GPL'],
  ['APL', 'Apache'],
  ['ISD', 'ISC'],
  ['GLP', 'GPL'],
  ['IST', 'ISC'],
  ['Claude', 'Clause'],
  [' or later', '+'],
  [' International', ''],
  ['GNU', 'GPL'],
  ['GUN', 'GPL'],
  ['+', ''],
  ['GNU GPL', 'GPL'],
  ['GNU/GPL', 'GPL'],
  ['GNU GLP', 'GPL'],
  ['GNU General Public License', 'GPL'],
  ['Gnu public license', 'GPL'],
  ['GNU Public License', 'GPL'],
  ['GNU GENERAL PUBLIC LICENSE', 'GPL'],
  ['MTI', 'MIT'],
  ['Mozilla Public License', 'MPL'],
  ['WTH', 'WTF'],
  ['-License', '']
];

var TRANSPOSED = 0;
var CORRECT = 1;

// Simple corrections to nearly valid identifiers.
var transforms = [
  // e.g. 'mit'
  function(argument) {
    return argument.toUpperCase();
  },
  // e.g. 'MIT '
  function(argument) {
    return argument.trim();
  },
];

```

```

// e.g. 'M.I.T.'
function(argument) {
  return argument.replace(/./g, "");
},
// e.g. 'Apache- 2.0'
function(argument) {
  return argument.replace(/s+/g, "");
},
// e.g. 'CC BY 4.0'
function(argument) {
  return argument.replace(/s+/g, '-');
},
// e.g. 'LGPLv2.1'
function(argument) {
  return argument.replace('v', '-');
},
// e.g. 'Apache 2.0'
function(argument) {
  return argument.replace(/,?\s*(\d)/, '-$1');
},
// e.g. 'GPL 2'
function(argument) {
  return argument.replace(/,?\s*(\d)/, '-$1.0');
},
// e.g. 'Apache Version 2.0'
function(argument) {
  return argument.replace(/,?\s*(V|.|v|.|V|v|Version|version)\s*(\d)/, '-$2');
},
// e.g. 'Apache Version 2'
function(argument) {
  return argument.replace(/,?\s*(V|.|v|.|V|v|Version|version)\s*(\d)/, '-$2.0');
},
// e.g. 'ZLIB'
function(argument) {
  return argument[0].toUpperCase() + argument.slice(1);
},
// e.g. 'MPL/2.0'
function(argument) {
  return argument.replace('/', '-');
},
// e.g. 'Apache 2'
function(argument) {
  return argument
    .replace(/s*V\s*(\d)/, '-$1')
    .replace(/(\d)$/, '$1.0');
},
// e.g. 'GPL-2.0-'
function(argument) {

```

```

    return argument.slice(0, argument.length - 1);
  },
  // e.g. 'GPL2'
  function(argument) {
    return argument.replace(/(\d)$/, '-$1.0');
  },
  // e.g. 'BSD 3'
  function(argument) {
    return argument.replace(/(-)?(\d)$/, '-$2-Clause');
  },
  // e.g. 'BSD clause 3'
  function(argument) {
    return argument.replace(/(-) clause(-) (\d)/, '-$3-Clause');
  },
  // e.g. 'BY-NC-4.0'
  function(argument) {
    return 'CC-' + argument;
  },
  // e.g. 'BY-NC'
  function(argument) {
    return 'CC-' + argument + '-4.0';
  },
  // e.g. 'Attribution-NonCommercial'
  function(argument) {
    return argument
      .replace('Attribution', 'BY')
      .replace('NonCommercial', 'NC')
      .replace('NoDerivatives', 'ND')
      .replace(/ (\d)/, '-$1')
      .replace(/ ?International/, "");
  },
  // e.g. 'Attribution-NonCommercial'
  function(argument) {
    return 'CC-' +
      argument
        .replace('Attribution', 'BY')
        .replace('NonCommercial', 'NC')
        .replace('NoDerivatives', 'ND')
        .replace(/ (\d)/, '-$1')
        .replace(/ ?International/, "") +
      '-4.0';
  }
];

// If all else fails, guess that strings containing certain substrings
// meant to identify certain licenses.
var lastResorts = [
  ['UNLI', 'Unlicense'],

```

```

['WTF', 'WTFPL'],
['2 CLAUSE', 'BSD-2-Clause'],
['2-CLAUSE', 'BSD-2-Clause'],
['3 CLAUSE', 'BSD-3-Clause'],
['3-CLAUSE', 'BSD-3-Clause'],
['AFFERO', 'AGPL-3.0'],
['AGPL', 'AGPL-3.0'],
['APACHE', 'Apache-2.0'],
['ARTISTIC', 'Artistic-2.0'],
['Affero', 'AGPL-3.0'],
['BEER', 'Beerware'],
['BOOST', 'BSL-1.0'],
['BSD', 'BSD-2-Clause'],
['ECLIPSE', 'EPL-1.0'],
['FUCK', 'WTFPL'],
['GNU', 'GPL-3.0'],
['LGPL', 'LGPL-3.0'],
['GPL', 'GPL-3.0'],
['MIT', 'MIT'],
['MPL', 'MPL-2.0'],
['X11', 'X11'],
['ZLIB', 'Zlib']
];

var SUBSTRING = 0;
var IDENTIFIER = 1;

var validTransformation = function(identifier) {
  for (var i = 0; i < transforms.length; i++) {
    var transformed = transforms[i](identifier);
    if (transformed !== identifier && valid(transformed)) {
      return transformed;
    }
  }
  return null;
};

var validLastResort = function(identifier) {
  var upperCased = identifier.toUpperCase();
  for (var i = 0; i < lastResorts.length; i++) {
    var lastResort = lastResorts[i];
    if (upperCased.indexOf(lastResort[SUBSTRING]) > -1) {
      return lastResort[IDENTIFIER];
    }
  }
  return null;
};

```

```

var anyCorrection = function(identifier, check) {
  for (var i = 0; i < transpositions.length; i++) {
    var transposition = transpositions[i];
    var transposed = transposition[TRANSPOSED];
    if (identifier.indexOf(transposed) > -1) {
      var corrected = identifier.replace(
        transposed,
        transposition[CORRECT]
      );
      var checked = check(corrected);
      if (checked !== null) {
        return checked;
      }
    }
  }
  return null;
};

module.exports = function(identifier) {
  identifier = identifier.replace(/^+$/, "");
  if (valid(identifier)) {
    return identifier;
  }
  var transformed = validTransformation(identifier);
  if (transformed !== null) {
    return transformed;
  }
  transformed = anyCorrection(identifier, function(argument) {
    if (valid(argument)) {
      return argument;
    }
    return validTransformation(argument);
  });
  if (transformed !== null) {
    return transformed;
  }
  transformed = validLastResort(identifier);
  if (transformed !== null) {
    return transformed;
  }
  transformed = anyCorrection(identifier, validLastResort);
  if (transformed !== null) {
    return transformed;
  }
  return null;
};
SPDX:Apache-2.0

```

Apache License

Version 2.0, January 2004

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```
````javascript
var correct = require('spdx-correct');
var assert = require('assert');

assert.equal(correct('mit'), 'MIT')

assert.equal(correct('Apache 2'), 'Apache-2.0')

assert(correct('No idea what license') === null)
````
{
  "_args": [
    [
      "spdx-correct@~1.0.0",
      "/Users/rebecca/code/npm/node_modules/validate-npm-package-license"
    ]
  ],
  "_from": "spdx-correct@>=1.0.0 <1.1.0",
  "_id": "spdx-correct@1.0.2",
  "_inCache": true,
  "_installable": true,
  "_location": "/validate-npm-package-license/spdx-correct",
```

```

"_nodeVersion": "4.2.1",
"_npmUser": {
  "email": "kyle@kemitchell.com",
  "name": "kemitchell"
},
"_npmVersion": "3.3.6",
"_phantomChildren": {},
"_requested": {
  "name": "spdx-correct",
  "raw": "spdx-correct@~1.0.0",
  "rawSpec": "~1.0.0",
  "scope": null,
  "spec": ">=1.0.0 <1.1.0",
  "type": "range"
},
"_requiredBy": [
  "/validate-npm-package-license"
],
"_resolved": "https://registry.npmjs.org/spdx-correct/-/spdx-correct-1.0.2.tgz",
"_shasum": "4b3073d933ff51f3912f03ac5519498a4150db40",
"_shrinkwrap": null,
"_spec": "spdx-correct@~1.0.0",
"_where": "/Users/rebecca/code/npm/node_modules/validate-npm-package-license",
"author": {
  "email": "kyle@kemitchell.com",
  "name": "Kyle E. Mitchell",
  "url": "https://kemitchell.com"
},
"bugs": {
  "url": "https://github.com/kemitchell/spdx-correct.js/issues"
},
"dependencies": {
  "spdx-license-ids": "^1.0.2"
},
"description": "correct invalid SPDX identifiers",
"devDependencies": {
  "defence-cli": "^1.0.1",
  "replace-require-self": "^1.0.0",
  "spdx-expression-parse": "^1.0.0",
  "tape": "~4.0.0"
},
"directories": {},
"dist": {
  "shasum": "4b3073d933ff51f3912f03ac5519498a4150db40",
  "tarball": "http://registry.npmjs.org/spdx-correct/-/spdx-correct-1.0.2.tgz"
},
"gitHead": "8430a3ad521e1455208db33faafcb79c7b074236",
"homepage": "https://github.com/kemitchell/spdx-correct.js#readme",

```

```

"keywords": [
  "SPDX",
  "law",
  "legal",
  "license",
  "metadata"
],
"license": "Apache-2.0",
"maintainers": [
  {
    "name": "kemitchell",
    "email": "kyle@kemitchell.com"
  },
  {
    "name": "othiym23",
    "email": "ogd@aoaiioxxysz.net"
  }
],
"name": "spdx-correct",
"optionalDependencies": {},
"readme": "ERROR: No README data found!",
"repository": {
  "type": "git",
  "url": "git+https://github.com/kemitchell/spdx-correct.js.git"
},
"scripts": {
  "test": "defence README.md | replace-require-self | node && tape *.test.js"
},
"version": "1.0.2"
}
var parse = require('spdx-expression-parse');
var correct = require('spdx-correct');

var genericWarning = (
  'license should be ' +
  'a valid SPDX license expression (without "LicenseRef"), ' +
  '"UNLICENSED", or ' +
  '"SEE LICENSE IN <filename>"
);

var fileReferenceRE = /^SEE LICEN[CS]E IN (.+)\$/;

function startsWith(prefix, string) {
  return string.slice(0, prefix.length) === prefix;
}

function usesLicenseRef(ast) {
  if (ast.hasOwnProperty('license')) {

```

```

var license = ast.license;
return (
  startsWith('LicenseRef', license) ||
  startsWith('DocumentRef', license)
);
} else {
return (
  usesLicenseRef(ast.left) ||
  usesLicenseRef(ast.right)
);
}
}

```

```

module.exports = function(argument) {
var ast;

try {
  ast = parse(argument);
} catch (e) {
var match
if (
  argument === 'UNLICENSED' ||
  argument === 'UNLICENCED'
) {
return {
  validForOldPackages: true,
  validForNewPackages: true,
  unlicensed: true
};
} else if (match = fileReferenceRE.exec(argument)) {
return {
  validForOldPackages: true,
  validForNewPackages: true,
  inFile: match[1]
};
} else {
var result = {
  validForOldPackages: false,
  validForNewPackages: false,
  warnings: [genericWarning]
};
var corrected = correct(argument);
if (corrected) {
  result.warnings.push(
    'license is similar to the valid expression "' + corrected + '"'
  );
}
return result;
}

```

```
}
}

if (usesLicenseRef(ast)) {
  return {
    validForNewPackages: false,
    validForOldPackages: false,
    spdx: true,
    warnings: [genericWarning]
  };
} else {
  return {
    validForNewPackages: true,
    validForOldPackages: true,
    spdx: true
  };
}
};
SPDX:Apache-2.0
```

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Version 2.0, January 2004

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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 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
);
```

```

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
};
assert.deepEqual(valid('UNLICENSED'), unlicensed);
assert.deepEqual(valid('UNLICENSED'), unlicensed);
```

{
  "name": "validate-npm-package-license",
  "description": "Give me a string and I'll tell you if it's a valid npm package license string",
  "version": "3.0.1",
  "author": {
    "name": "Kyle E. Mitchell",
    "email": "kyle@kemitchell.com",
    "url": "https://kemitchell.com"
  },
  "dependencies": {
    "spdx-correct": "~1.0.0",
    "spdx-expression-parse": "~1.0.0"
  },
  "devDependencies": {
    "defence-cli": "^1.0.1",
    "replace-require-self": "^1.0.0"
  },
  "keywords": [
    "license",
    "npm",
    "package",
    "validation"
  ],
  "license": "Apache-2.0",
  "repository": {
    "type": "git",
    "url": "git+https://github.com/kemitchell/validate-npm-package-license.js.git"
  },
  "scripts": {
    "test": "defence README.md | replace-require-self | node"
  }
}

```

```

},
"gitHead": "00200d28f9960985f221bc1a8a71e4760daf39bf",
"bugs": {
  "url": "https://github.com/kemitchell/validate-npm-package-license.js/issues"
},
"homepage": "https://github.com/kemitchell/validate-npm-package-license.js#readme",
"_id": "validate-npm-package-license@3.0.1",
"_shasum": "2804babe712ad3379459acfbe24746ab2c303fbc",
"_from": "validate-npm-package-license@3.0.1",
"_npmVersion": "2.13.5",
"_nodeVersion": "0.12.7",
"_npmUser": {
  "name": "kemitchell",
  "email": "kyle@kemitchell.com"
},
"dist": {
  "shasum": "2804babe712ad3379459acfbe24746ab2c303fbc",
  "tarball": "http://registry.npmjs.org/validate-npm-package-license/-/validate-npm-package-license-3.0.1.tgz"
},
"maintainers": [
  {
    "name": "kemitchell",
    "email": "kyle@kemitchell.com"
  },
  {
    "name": "othiym23",
    "email": "ogd@aoaiioxxysz.net"
  }
],
"directories": {},
"_resolved": "https://registry.npmjs.org/validate-npm-package-license/-/validate-npm-package-license-3.0.1.tgz",
"readme": "ERROR: No README data found!"
}

```

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wcwidth.js: JavaScript Porting of Markus Kuhn's wcwidth() Implementation

=====

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/\*

SHJS - Syntax Highlighting in JavaScript

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\*/

```
if (! this.sh_languages) {
```

```

this.sh_languages = {};
}
var sh_requests = {};

function sh_isEmailAddress(url) {
  if (/^mailto:/.test(url)) {
    return false;
  }
  return url.indexOf('@') !== -1;
}

function sh_setHref(tags, numTags, inputString) {
  var url = inputString.substring(tags[numTags - 2].pos, tags[numTags - 1].pos);
  if (url.length >= 2 && url.charAt(0) === '<' && url.charAt(url.length - 1) === '>') {
    url = url.substr(1, url.length - 2);
  }
  if (sh_isEmailAddress(url)) {
    url = 'mailto:' + url;
  }
  tags[numTags - 2].node.href = url;
}

```

/\*

Konqueror has a bug where the regular expression `/$/g` will not match at the end of a line more than once:

```

var regex = /$/g;
var match;

var line = '1234567890';
regex.lastIndex = 10;
match = regex.exec(line);

var line2 = 'abcde';
regex.lastIndex = 5;
match = regex.exec(line2); // fails
*/

function sh_konquerorExec(s) {
  var result = [];
  result.index = s.length;
  result.input = s;
  return result;
}

```

/\*\*

Highlights all elements containing source code in a text string. The return value is an array of objects, each representing an HTML start or end tag. Each object has a property named `pos`, which is an integer representing the text

offset of the tag. Every start tag also has a property named `node`, which is the DOM element started by the tag. End tags do not have this property.

```
@param inputString a text string
@param language a language definition object
@return an array of tag objects
*/
function sh_highlightString(inputString, language) {
  if (/Konqueror/.test(navigator.userAgent)) {
    if (! language.konquered) {
      for (var s = 0; s < language.length; s++) {
        for (var p = 0; p < language[s].length; p++) {
          var r = language[s][p][0];
          if (r.source === '$') {
            r.exec = sh_konquerorExec;
          }
        }
      }
      language.konquered = true;
    }
  }

  var a = document.createElement('a');
  var span = document.createElement('span');

  // the result
  var tags = [];
  var numTags = 0;

  // each element is a pattern object from language
  var patternStack = [];

  // the current position within inputString
  var pos = 0;

  // the name of the current style, or null if there is no current style
  var currentStyle = null;

  var output = function(s, style) {
    var length = s.length;
    // this is more than just an optimization - we don't want to output empty <span></span> elements
    if (length === 0) {
      return;
    }
    if (! style) {
      var stackLength = patternStack.length;
      if (stackLength !== 0) {
        var pattern = patternStack[stackLength - 1];
        // check whether this is a state or an environment
```

```

if (! pattern[3]) {
    // it's not a state - it's an environment; use the style for this environment
    style = pattern[1];
}
}
}
if (currentStyle !== style) {
    if (currentStyle) {
        tags[numTags++] = { pos: pos };
        if (currentStyle === 'sh_url') {
            sh_setHref(tags, numTags, inputString);
        }
    }
    if (style) {
        var clone;
        if (style === 'sh_url') {
            clone = a.cloneNode(false);
        }
        else {
            clone = span.cloneNode(false);
        }
        clone.className = style;
        tags[numTags++] = { node: clone, pos: pos };
    }
}
pos += length;
currentStyle = style;
};

```

```

var endOfLinePattern = /\r\n|r\n/g;
endOfLinePattern.lastIndex = 0;
var inputStringLength = inputString.length;
while (pos < inputStringLength) {
    var start = pos;
    var end;
    var startOfNextLine;
    var endOfLineMatch = endOfLinePattern.exec(inputString);
    if (endOfLineMatch === null) {
        end = inputStringLength;
        startOfNextLine = inputStringLength;
    }
    else {
        end = endOfLineMatch.index;
        startOfNextLine = endOfLinePattern.lastIndex;
    }

    var line = inputString.substring(start, end);

```

```

var matchCache = [];
for (;) {
    var posWithinLine = pos - start;

    var stateIndex;
    var stackLength = patternStack.length;
    if (stackLength === 0) {
        stateIndex = 0;
    }
    else {
        // get the next state
        stateIndex = patternStack[stackLength - 1][2];
    }

    var state = language[stateIndex];
    var numPatterns = state.length;
    var mc = matchCache[stateIndex];
    if (! mc) {
        mc = matchCache[stateIndex] = [];
    }
    var bestMatch = null;
    var bestPatternIndex = -1;
    for (var i = 0; i < numPatterns; i++) {
        var match;
        if (i < mc.length && (mc[i] === null || posWithinLine <= mc[i].index)) {
            match = mc[i];
        }
        else {
            var regex = state[i][0];
            regex.lastIndex = posWithinLine;
            match = regex.exec(line);
            mc[i] = match;
        }
        if (match !== null && (bestMatch === null || match.index < bestMatch.index)) {
            bestMatch = match;
            bestPatternIndex = i;
            if (match.index === posWithinLine) {
                break;
            }
        }
    }

    if (bestMatch === null) {
        output(line.substring(posWithinLine), null);
        break;
    }
    else {
        // got a match

```

```

if (bestMatch.index > posWithinLine) {
    output(line.substring(posWithinLine, bestMatch.index), null);
}

var pattern = state[bestPatternIndex];

var newStyle = pattern[1];
var matchedString;
if (newStyle instanceof Array) {
    for (var subexpression = 0; subexpression < newStyle.length; subexpression++) {
        matchedString = bestMatch[subexpression + 1];
        output(matchedString, newStyle[subexpression]);
    }
}
else {
    matchedString = bestMatch[0];
    output(matchedString, newStyle);
}

switch (pattern[2]) {
case -1:
    // do nothing
    break;
case -2:
    // exit
    patternStack.pop();
    break;
case -3:
    // exitall
    patternStack.length = 0;
    break;
default:
    // this was the start of a delimited pattern or a state/environment
    patternStack.push(pattern);
    break;
}
}

// end of the line
if (currentStyle) {
    tags[numTags++] = {pos: pos};
    if (currentStyle === 'sh_url') {
        sh_setHref(tags, numTags, inputString);
    }
    currentStyle = null;
}
pos = startOfNextLine;

```

```

}

return tags;
}

/////////////////////////////////////////////////////////////////
// DOM-dependent functions

function sh_getClasses(element) {
    var result = [];
    var htmlClass = element.className;
    if (htmlClass && htmlClass.length > 0) {
        var htmlClasses = htmlClass.split(' ');
        for (var i = 0; i < htmlClasses.length; i++) {
            if (htmlClasses[i].length > 0) {
                result.push(htmlClasses[i]);
            }
        }
    }
    return result;
}

function sh_addClass(element, name) {
    var htmlClasses = sh_getClasses(element);
    for (var i = 0; i < htmlClasses.length; i++) {
        if (name.toLowerCase() === htmlClasses[i].toLowerCase()) {
            return;
        }
    }
    htmlClasses.push(name);
    element.className = htmlClasses.join(' ');
}

/**
Extracts the tags from an HTML DOM NodeList.
@param nodeList a DOM NodeList
@param result an object with text, tags and pos properties
*/
function sh_extractTagsFromNodeList(nodeList, result) {
    var length = nodeList.length;
    for (var i = 0; i < length; i++) {
        var node = nodeList.item(i);
        switch (node.nodeType) {
        case 1:
            if (node.nodeName.toLowerCase() === 'br') {
                var terminator;
                if (/MSIE/.test(navigator.userAgent)) {
                    terminator = '\r';
                }
            }
        }
    }
}

```

```

    }
    else {
        terminator = '\n';
    }
    result.text.push(terminator);
    result.pos++;
}
else {
    result.tags.push({node: node.cloneNode(false), pos: result.pos});
    sh_extractTagsFromNodeList(node.childNodes, result);
    result.tags.push({pos: result.pos});
}
break;
case 3:
case 4:
    result.text.push(node.data);
    result.pos += node.length;
    break;
}
}
}

```

```
/**
```

Extracts the tags from the text of an HTML element. The extracted tags will be returned as an array of tag objects. See `sh_highlightString` for the format of the tag objects.

@param element a DOM element

@param tags an empty array; the extracted tag objects will be returned in it

@return the text of the element

@see `sh_highlightString`

```
*/
```

```
function sh_extractTags(element, tags) {
    var result = {};
    result.text = [];
    result.tags = tags;
    result.pos = 0;
    sh_extractTagsFromNodeList(element.childNodes, result);
    return result.text.join("");
}

```

```
/**
```

Merges the original tags from an element with the tags produced by highlighting.

@param originalTags an array containing the original tags

@param highlightTags an array containing the highlighting tags - these must not overlap

@result an array containing the merged tags

```
*/
```

```
function sh_mergeTags(originalTags, highlightTags) {
    var numOriginalTags = originalTags.length;

```

```

if (numOriginalTags === 0) {
  return highlightTags;
}

var numHighlightTags = highlightTags.length;
if (numHighlightTags === 0) {
  return originalTags;
}

var result = [];
var originalIndex = 0;
var highlightIndex = 0;

while (originalIndex < numOriginalTags && highlightIndex < numHighlightTags) {
  var originalTag = originalTags[originalIndex];
  var highlightTag = highlightTags[highlightIndex];

  if (originalTag.pos <= highlightTag.pos) {
    result.push(originalTag);
    originalIndex++;
  }
  else {
    result.push(highlightTag);
    if (highlightTags[highlightIndex + 1].pos <= originalTag.pos) {
      highlightIndex++;
      result.push(highlightTags[highlightIndex]);
      highlightIndex++;
    }
    else {
      // new end tag
      result.push({pos: originalTag.pos});

      // new start tag
      highlightTags[highlightIndex] = {node: highlightTag.node.cloneNode(false), pos: originalTag.pos};
    }
  }
}

while (originalIndex < numOriginalTags) {
  result.push(originalTags[originalIndex]);
  originalIndex++;
}

while (highlightIndex < numHighlightTags) {
  result.push(highlightTags[highlightIndex]);
  highlightIndex++;
}

```

```

return result;
}

/**
Inserts tags into text.
@param tags an array of tag objects
@param text a string representing the text
@return a DOM DocumentFragment representing the resulting HTML
*/
function sh_insertTags(tags, text) {
var doc = document;

var result = document.createDocumentFragment();
var tagIndex = 0;
var numTags = tags.length;
var textPos = 0;
var textLength = text.length;
var currentNode = result;

// output one tag or text node every iteration
while (textPos < textLength || tagIndex < numTags) {
var tag;
var tagPos;
if (tagIndex < numTags) {
tag = tags[tagIndex];
tagPos = tag.pos;
}
else {
tagPos = textLength;
}

if (tagPos <= textPos) {
// output the tag
if (tag.node) {
// start tag
var newNode = tag.node;
currentNode.appendChild(newNode);
currentNode = newNode;
}
else {
// end tag
currentNode = currentNode.parentNode;
}
tagIndex++;
}
else {
// output text
currentNode.appendChild(doc.createTextNode(text.substring(textPos, tagPos)));
}
}
}

```

```

    textPos = tagPos;
  }
}

return result;
}

/**
Highlights an element containing source code. Upon completion of this function,
the element will have been placed in the "sh_sourceCode" class.
@param element a DOM <pre> element containing the source code to be highlighted
@param language a language definition object
*/
function sh_highlightElement(element, language) {
  sh_addClass(element, 'sh_sourceCode');
  var originalTags = [];
  var inputString = sh_extractTags(element, originalTags);
  var highlightTags = sh_highlightString(inputString, language);
  var tags = sh_mergeTags(originalTags, highlightTags);
  var documentFragment = sh_insertTags(tags, inputString);
  while (element.hasChildNodes()) {
    element.removeChild(element.firstChild);
  }
  element.appendChild(documentFragment);
}

function sh_getXMLHttpRequest() {
  if (window.ActiveXObject) {
    return new ActiveXObject('Msxml2.XMLHTTP');
  }
  else if (window.XMLHttpRequest) {
    return new XMLHttpRequest();
  }
  throw 'No XMLHttpRequest implementation available';
}

function sh_load(language, element, prefix, suffix) {
  if (language in sh_requests) {
    sh_requests[language].push(element);
    return;
  }
  sh_requests[language] = [element];
  var request = sh_getXMLHttpRequest();
  var url = prefix + 'sh_' + language + suffix;
  request.open('GET', url, true);
  request.onreadystatechange = function () {
    if (request.readyState === 4) {
      try {

```

```

if (! request.status || request.status === 200) {
    eval(request.responseText);
    var elements = sh_requests[language];
    for (var i = 0; i < elements.length; i++) {
        sh_highlightElement(elements[i], sh_languages[language]);
    }
}
else {
    throw 'HTTP error: status ' + request.status;
}
}
finally {
    request = null;
}
}
};
request.send(null);
}

```

```
/**
```

Highlights all elements containing source code on the current page. Elements containing source code must be "pre" elements with a "class" attribute of "sh\_LANGUAGE", where LANGUAGE is a valid language identifier; e.g., "sh\_java" identifies the element as containing "java" language source code.

```
*/
```

```

function highlight(prefix, suffix, tag) {
    var nodeList = document.getElementsByTagName(tag);
    for (var i = 0; i < nodeList.length; i++) {
        var element = nodeList.item(i);
        var htmlClasses = sh_getClasses(element);
        var highlighted = false;
        var donthighlight = false;
        for (var j = 0; j < htmlClasses.length; j++) {
            var htmlClass = htmlClasses[j].toLowerCase();
            if (htmlClass === 'sh_none') {
                donthighlight = true;
                continue;
            }
            if (htmlClass.substr(0, 3) === 'sh_') {
                var language = htmlClass.substring(3);
                if (language in sh_languages) {
                    sh_highlightElement(element, sh_languages[language]);
                    highlighted = true;
                }
            }
            else if (typeof(prefix) === 'string' && typeof(suffix) === 'string') {
                sh_load(language, element, prefix, suffix);
            }
        }
        else {

```

```

        throw 'Found <' + tag + '> element with class="' + htmlClass + '", but no such language exists';
    }
    break;
}
}
if (highlighted === false && donthighlight == false) {
    sh_highlightElement(element, sh_languages["javascript"]);
}
}
}
}

```

```

function sh_highlightDocument(prefix, suffix) {
    highlight(prefix, suffix, 'tt');
    highlight(prefix, suffix, 'code');
    highlight(prefix, suffix, 'pre');
}

```

## 1.16 servlet-api 6.0.32

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## 1.17 sinon 5.0.10

## 2.1 commons-httpclient 3.1

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"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"><html><head><title>HttpClient - Project
License</title><style type="text/css" media="all">
    @import url("./style/maven-base.css");

    @import url("./style/maven-theme.css");@import url("./style/project.css");</style><link rel="stylesheet"
href="./style/print.css" type="text/css" media="print"></link><meta http-equiv="Content-Type" content="text/html;
charset=ISO-8859-1"></meta></head><body class="composite"><div id="banner"><a
href="http://jakarta.apache.org/" id="organizationLogo"></img></a><a
href="http://jakarta.apache.org/httpcomponents/httpclient-3.x/" id="projectLogo"></img></a><div class="clear"><hr></div></div><div
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