



Open Source Used In Network Services Orchestrator (NSO) (version 5.2) 5.2.0.3

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1.6 jaxb-runtime 2.2.11

1.7 c3p0 0.9.1.1

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1.0.2

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1.10 strict-uri-encode 1.1.0

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1.11 bean-validation-api 1.1.0

1.12 log4j 1.2.17

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1.13 commons-lang 3.1

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1.14 jetty 9.2.1.v20140609

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```
<html xmlns:o="urn:schemas-microsoft-com:office:office" xmlns:w="urn:schemas-microsoft-com:office:word"
xmlns="http://www.w3.org/TR/REC-html40"><head>
```

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<meta http-equiv="Content-Type" content="text/html; charset=windows-1252">
<meta name="ProgId" content="Word.Document">
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<meta name="Originator" content="Microsoft Word 9">
<link rel="File-List"
href="http://www.eclipse.org/legal/Eclipse%20EPL%202003_11_10%20Final_files/filelist.xml">
<title>Eclipse Public License - Version 1.0 / Apache License - Version 2.0</title>
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<o:DocumentProperties>
<o:Revision>2</o:Revision>
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<o:Paragraphs>18</o:Paragraphs>
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<o:Version>9.4402</o:Version>
</o:DocumentProperties>
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<w:WordDocument>
<w:TrackRevisions/>
</w:WordDocument>
</xml><![endif]-->
<style>
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/* Font Definitions */
@font-face
{font-family:Tahoma;
panose-1:2 11 6 4 3 5 4 4 2 4;
mso-font-charset:0;
mso-generic-font-family:swiss;
mso-font-pitch:variable;
mso-font-signature:553679495 -2147483648 8 0 66047 0;}
/* Style Definitions */
p.MsoNormal, li.MsoNormal, div.MsoNormal
{mso-style-parent:"";
```

```

margin:0in;
margin-bottom:.0001pt;
mso-pagination:widow-orphan;
font-size:12.0pt;
font-family:"Times New Roman";
mso-fareast-font-family:"Times New Roman";}
p
{margin-right:0in;
mso-margin-top-alt:auto;
mso-margin-bottom-alt:auto;
margin-left:0in;
mso-pagination:widow-orphan;
font-size:12.0pt;
font-family:"Times New Roman";
mso-fareast-font-family:"Times New Roman";}
p.BalloonText, li.BalloonText, div.BalloonText
{mso-style-name:"Balloon Text";
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margin-bottom:.0001pt;
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font-size:8.0pt;
font-family:Tahoma;
mso-fareast-font-family:"Times New Roman";}
@page Section1
{size:8.5in 11.0in;
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mso-header-margin:.5in;
mso-footer-margin:.5in;
mso-paper-source:0;}
div.Section1
{page:Section1;}
-->
</style>
</head><body style="" lang="EN-US">

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<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
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<title>Eclipse.org Software User Agreement</title>
```

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</head><body lang="EN-US" link="blue" vlink="purple">
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A

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Features

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Streaming API for XML (JSR-173) Specification

Reference Implementation

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```

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1.15 thrift 0.10.0

1.16 scheduler 0.17.0

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1.17 jaxb-api 2.2.11

1.18 hk2-locator 2.4.0

1.19 apache-log4j 2.11.1

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1.20 jacksondatabind 2.9.5

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1.21 jacksondatabind 1.9.13

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1.22 xmlrpc-client 3.1.3

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1.23 hk2-utils 2.4.0

1.24 jersey-guava 2.12

1.25 bouncy-castle 1.60

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1.26 jersey-media-json-jackson 2.22

1.27 jackson-jaxrs-json-provider 2.9.5

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1.28 js-tokens 4.0.0

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1.29 jackson-jaxrs-base 2.9.5

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1.30 hashtable 1.0

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1.31 jetty-continuation 9.2.1.v20140609

1.32 jersey-entity-filtering 2.22

1.33 getopt v0.6.0

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1.34 jackson-databind 2.9.9.3

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1.35 aopalliance-repackaged 2.3.0

1.36 jackson-dataformat-yaml 2.9.5

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1.37 commons-collections 3.2.2

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1.38 react-router-redux 4.0.8

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1.39 react-lifecycles-compat 3.0.4

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1.40 react-redux 5.1.2

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1.41 redux-logger 3.0.6

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1.42 jackson-core 2.9.5

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1.45 safer-buffer 2.1.2

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1.47 jackson-annotations 2.9.5

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1.48 snake-yaml 1.18

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1.49 ganymed-ssh2 Build262

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1.50 mimeparse-erlang 0.1.2

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1.51 resourcelocator 1.0.1

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"http://www.w3.org/TR/html4/loose.dtd">
```

```
<html lang="en-US">
```

```
<head>
```

```
<title>GlassFish Dual License Header and License Notice GPL v2 and CDDL</title>
```

```
<meta http-equiv="content-type" content="text/html; charset=UTF-8">
```

```
<style type="text/css">
```

```
li {display: block;}
```

```
</style>
```

```
</head>
```

```
<body leftmargin="0" topmargin="0" marginheight="0" marginwidth="0" bgcolor="#ffffff">
```

```
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</p>

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</p>

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1.53 webapp-runner 8.0.33

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1.54 pyang 1.5

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compiler/cpp/src/generate/t_csharp_generator.cc
compiler/cpp/src/generate/t_erl_generator.cc
compiler/cpp/src/generate/t_hs_generator.cc
compiler/cpp/src/generate/t_java_generator.cc
compiler/cpp/src/generate/t_ocaml_generator.cc
compiler/cpp/src/generate/t_perl_generator.cc
compiler/cpp/src/generate/t_php_generator.cc
compiler/cpp/src/generate/t_py_generator.cc
compiler/cpp/src/generate/t_rb_generator.cc
compiler/cpp/src/generate/t_st_generator.cc
compiler/cpp/src/generate/t_xsd_generator.cc
compiler/cpp/src/main.cc
compiler/cpp/src/parse/t_field.h
compiler/cpp/src/parse/t_program.h
compiler/cpp/src/platform.h
compiler/cpp/src/thrift.ll
compiler/cpp/src/thrifty.yy
lib/csharp/src/Protocol/TBinaryProtocol.cs
lib/csharp/src/Protocol/TField.cs
lib/csharp/src/Protocol/TList.cs
lib/csharp/src/Protocol/TMap.cs
lib/csharp/src/Protocol/TMessage.cs
lib/csharp/src/Protocol/TMessageType.cs
lib/csharp/src/Protocol/TProtocol.cs
lib/csharp/src/Protocol/TProtocolException.cs
lib/csharp/src/Protocol/TProtocolFactory.cs
lib/csharp/src/Protocol/TProtocolUtil.cs
lib/csharp/src/Protocol/TSet.cs
lib/csharp/src/Protocol/TStruct.cs
lib/csharp/src/Protocol/TType.cs
lib/csharp/src/Server/TServer.cs

lib/csharp/src/Server/TSimpleServer.cs
lib/csharp/src/Server/TThreadPoolServer.cs
lib/csharp/src/TApplicationException.cs
lib/csharp/src/Thrift.csproj
lib/csharp/src/Thrift.sln
lib/csharp/src/TProcessor.cs
lib/csharp/src/Transport/TServerSocket.cs
lib/csharp/src/Transport/TServerTransport.cs
lib/csharp/src/Transport/TSocket.cs
lib/csharp/src/Transport/TStreamTransport.cs
lib/csharp/src/Transport/TTransport.cs
lib/csharp/src/Transport/TTransportException.cs
lib/csharp/src/Transport/TTransportFactory.cs
lib/csharp/ThriftMSBuildTask/Properties/AssemblyInfo.cs
lib/csharp/ThriftMSBuildTask/ThriftBuild.cs
lib/csharp/ThriftMSBuildTask/ThriftMSBuildTask.csproj
lib/rb/lib/thrift.rb
lib/st/README
lib/st/thrift.st
test/OptionalRequiredTest.cpp
test/OptionalRequiredTest.thrift
test/ThriftTest.thrift

For the aclocal/ax_boost_base.m4 and contrib/fb303/aclocal/ax_boost_base.m4 components:

```
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/*

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Version: 1.5

Status: Final Release

Specification Lead: Oracle America, Inc. ("Specification Lead")

Release: March 18, 2013

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1.61 jackson-databind 1.9.13

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1.62 erlang-otp R203.8

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 */
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[zlib]

```
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   version 1.2.3, July 18th, 2005
```

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://www.ietf.org/rfc/rfc1950.txt> (zlib format), [rfc1951.txt](http://www.ietf.org/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](http://www.ietf.org/rfc/rfc1952.txt) (gzip format).

*/

[dialyzer]

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[edoc, syntax_tools]

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1.64 prop-types 15.7.2

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1.65 reselect 4.0.0

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1.66 jcommander 1.48

1.67 getopt-long 1.17

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1.68 slf4j 1.7.5

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```

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  <head>
    <meta http-equiv="content-type" content="text/html; charset=iso-8859-1" />
    <title>SLF4J License</title>
    <link rel="stylesheet" type="text/css" media="screen" href="css/site.css" />
  </head>
  <body>
    <script type="text/javascript">prefix=";</script>

    <script src="templates/header.js" type="text/javascript"></script>
    <div id="left">
      <script src="templates/left.js" type="text/javascript"></script>
    </div>
    <div id="content">
```

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1.69 apache-httpclient 4.5.6

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1.70 httpcomponents-core 4.4.10

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1.71 isomorphic-fetch 2.2.1

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1.72 javax-annotation-api 1.2

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1.88 inline-style-prefixer 4.0.2

1.89 zlib 1.2.8

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   version 1.2.11, January 15th, 2017
```

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jloup@gzip.org madler@alumni.caltech.edu

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1.90 xmlrpc-server 3.1.3

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1.91 history 3.3.0

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1.92 javax-ws-rs-api 2.0.1

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1.93 tools-ant 1.8.4

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2000-05-05

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*/

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

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1.94 mysql-jdbc 8.0.12

1.94.1 Available under license :

```
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 * 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
 */
```

```
package com.mysql.cj.protocol.x;
```

```
import java.util.List;
```

```
import com.mysql.cj.protocol.Warning;
```

```
import com.mysql.cj.x.protobuf.MysqlxDatatypes.Scalar;
```

```
public class Notice implements Warning {
```

```
    public static final int XProtocolNoticeFrameType_WARNING = 1;
```

```
    public static final int XProtocolNoticeFrameType_SESS_VAR_CHANGED = 2;
```

```
    public static final int XProtocolNoticeFrameType_SESS_STATE_CHANGED = 3;
```

```
    public static final int SessionStateChanged_CURRENT_SCHEMA = 1;
```

```
    public static final int SessionStateChanged_ACCOUNT_EXPIRED = 2;
```

```
    public static final int SessionStateChanged_GENERATED_INSERT_ID = 3;
```

```
    public static final int SessionStateChanged_ROWS_AFFECTED = 4;
```

```
    public static final int SessionStateChanged_ROWS_FOUND = 5;
```

```
public static final int SessionStateChanged_ROWS_MATCHED = 6;
public static final int SessionStateChanged_TRX_COMMITTED = 7;
public static final int SessionStateChanged_TRX_ROLLEDBACK = 9;
public static final int SessionStateChanged_PRODUCED_MESSAGE = 10;
public static final int SessionStateChanged_CLIENT_ID_ASSIGNED = 11;
public static final int SessionStateChanged_GENERATED_DOCUMENT_IDS = 12;
```

```
private int noticeType = 0;
```

```
private int level;
```

```
private long code;
```

```
private String message;
```

```
private Integer paramType = null;
```

```
private String paramName = null;
```

```
private Scalar value = null;
```

```
private List<Scalar> valueList = null;
```

```
/**
```

```
 * Constructor for XProtocolNoticeFrameType_WARNING
```

```
 *
```

```
 * @param level
```

```
 *     level
```

```
 * @param code
```

```
 *     code
```

```
 * @param message
```

```
 *     message
```

```
 */
```

```
public Notice(int level, long code, String message) {
    this.noticeType = XProtocolNoticeFrameType_WARNING;
    this.level = level;
    this.code = code;
    this.message = message;
}
```

```
/**
```

```
 * Constructor for XProtocolNoticeFrameType_SESS_STATE_CHANGED
```

```
 *
```

```
 * @param paramType
```

```
 *     parameter type
```

```
 * @param valueList
```

```
 *     values
```

```
 */
```

```
public Notice(int paramType, List<Scalar> valueList) {
    this.noticeType = XProtocolNoticeFrameType_SESS_STATE_CHANGED;
    this.paramType = paramType;
    this.valueList = valueList;
}
```

```

/**
 * Constructor for XProtocolNoticeFrameType_SESS_VAR_CHANGED
 *
 * @param paramName
 *       parameter name
 * @param value
 *       value
 */
public Notice(String paramName, Scalar value) {
    this.noticeType = XProtocolNoticeFrameType_SESS_VAR_CHANGED;
    this.paramName = paramName;
    this.value = value;
}

public int getType() {
    return this.noticeType;
}

@Override
public int getLevel() {
    return this.level;
}

@Override
public long getCode() {
    return this.code;
}

@Override
public String getMessage() {
    return this.message;
}

public Integer getParamType() {
    return this.paramType;
}

public String getParamName() {
    return this.paramName;
}

public Scalar getValue() {
    if (this.value == null && this.valueList != null && !this.valueList.isEmpty()) {
        return this.valueList.get(0);
    }
    return this.value;
}

```

```
public List<Scalar> getValueList() {  
    return this.valueList;  
}  
}
```

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Version 2.1, February 1999

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Licensing Information User Manual

MySQL Connector/J 8.0

Introduction

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`src/test/org/apache/commons/codec/language/DoubleMetaphoneTest.java`

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1.102 commons-logging 1.1.1

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1.103 deep-diff 0.3.8

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1.104 quartz-scheduler 2.3.0

1.105 libsmi 0.5.0

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tools/shhopt.c, tools/shhopt.h:

Title: shhopt - library for parsing command line options.

Version: 1.1.2

Entered-date: 23MAR97

Description: C-functions for parsing command line options, both
traditional one-character options, and GNU'ish
--long-options.

Keywords: programming, library, lib, commandline, options

Author: s.h.huseby@usit.uio.no (Sverre H. Huseby)

Primary-site: <http://www.ifi.uio.no/~sverrehu/pub-unix/>

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[shhopt-1.1.2.tar.gz](#)

Platforms: Requires ANSI C-compiler.

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1.106 xml-apis 1.3.04

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<http://www.w3.org/TR/2004/REC-DOM-Level-3-Core-20040407/java-binding.html>

The specification of DOM Level 3's various parts is at:
<http://www.w3.org/TR/2004/REC-DOM-Level-3-Core-20040407/>
<http://www.w3.org/TR/2004/REC-DOM-Level-3-LS-20040407/>
<http://www.w3.org/TR/2004/NOTE-DOM-Level-3-XPath-20040226/>

The specification of DOM Level 2's various parts is at:
<http://www.w3.org/TR/2000/REC-DOM-Level-2-Events-20001113/>
<http://www.w3.org/TR/2000/REC-DOM-Level-2-Style-20001113/>
<http://www.w3.org/TR/2000/REC-DOM-Level-2-Traversal-Range-20001113/>
<http://www.w3.org/TR/2000/REC-DOM-Level-2-Views-20001113/>

The specification of DOM Level 1's various parts is at:
<http://www.w3.org/TR/1998/REC-DOM-Level-1-19981001/level-one-html.html>

Links to all available W3C DOM Java Bindings can be found at:
<http://www.w3.org/DOM/DOMTR>

The actual classes of The Simple API for CSS (SAC) came from:

<http://www.w3.org/Style/CSS/SAC/>
<http://www.w3.org/2002/06/sacjava-1.3.zip>

The actual DOM Java Language Binding classes for SMIL came from:

<http://dev.w3.org/cvsweb/java/classes/org/w3c/dom/smil/>
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1.107 javax-inject 2.3.0

1.108 ws-commons-util 1.0.2

1.109 slf4j-log4j 1.7.5

1.110 jersey-server 2.22

1.111 babel-runtime 7.7.2

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1.112 loose-envify 1.4.0

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1.113 apache-xml-rpc-client-library 3.1.2

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1.114 jackson-annotations 2.9.0

1.115 jersey-client 2.22

1.116 otp R20.3.8

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1.125 jetty-util 9.2.1.v20140609

1.126 asap 2.0.6

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1.127 stax-api 1.0.1

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[1] <http://www.ecma-international.org/publications/standards/Ecma-376.htm>

[2] <http://www.ecma-international.org/memento/Ecmabylaws.htm>

[3] <http://www.microsoft.com/interop/osp/>

[4] <http://www.ecma-international.org/publications/files/ECMA-ST/Ecma%20PATENT/ECMA-376%20Edition%201%20Microsoft%20Patent%20Declaration.pdf>

[5] <http://www.ecma-international.org/publications/files/ECMA-ST/Ecma%20PATENT/ga-2006-191.pdf>

DOM4J library (dom4j-1.6.1.jar)

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JUnit test library (junit-3.8.1.jar)

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<thirdparty-licenses>

<module name='ant'

licenseType='apache-2.0'

version='1.8.2'

projectHome='http://ant.apache.org/'

description='ANT (compile time)'>

<jar name='ant.jar' />

</module>

<module name='ant-launcher'

licenseType='apache-2.0'

version='1.8.2'

projectHome='http://ant.apache.org/'

description='ANT launcher (compile time)'>

<jar name='ant-launcher.jar' />

</module>

<module name='ant-junit'

licenseType='apache-2.0'

version='1.8.2'

projectHome='http://ant.apache.org/'

description='ANT junit support (compile time)'>

<jar name='ant-junit.jar' />

</module>

<module name='BND'

licenseType='apache-2.0'

version='1.44.0'

projectHome='http://www.aqute.biz/Bnd/Bnd'

description='Used to generate an OSGI compliant conf/MANIFEST.MF'>

<jar name='bnd.jar' />

</module>

<module name='Bouncy castle'

```

    licenseType='bouncycastle'
    version='1.17'
    projectHome='http://www.bouncycastle.org'
    description='Encryption algorithms. Used by ENCRYPT and AUTH (runtime)'>
<jar name='bouncycastle.jar' />
</module>
<module name='Beanshell'
    licenseType='lgpl (dual license, but LGPL may be chosen)'
    version='2.0b5'
    projectHome='http://www.beanshell.org'
    description='Lightweight Scripting for Java. Used mainly by the BSH protocol (uncomplete) (runtime)'>
<jar name='bsh.jar' />
</module>
<module name='byteman'
    licenseType='LGPL 2.1'
    version='2.1.0'
    projectHome='http://www.jboss.org/byteman'>
<jar name='byteman.jar' />
</module>
<module name='byteman-bmunit'
    licenseType='LGPL 2.1'
    version='2.1.0'
    projectHome='http://www.jboss.org/byteman'>
<jar name='byteman-bmunit.jar' />
</module>
<module name='byteman-install'
    licenseType='LGPL 2.1'
    version='2.1.0'
    projectHome='http://www.jboss.org/byteman'>
<jar name='byteman-install.jar' />
</module>
<module name='byteman-submit'
    licenseType='LGPL 2.1'
    version='2.1.0'
    projectHome='http://www.jboss.org/byteman'>
<jar name='byteman-submit.jar' />
</module>
<module name='creative-commons'
    licenseType='creative-commons'
    version='2.5'
    projectHome='http://creativecommons.org/licenses/by/2.5/'
    description='Annotations of JCIP'>
<jar name='none (part of src tree: org.jgroups.annotations)' />
</module>
<module name='log4j'
    licenseType='apache-2.0'
    version='1.2.14'
    projectHome='http://logging.apache.org/'

```



```

    description='Java logging framework (runtime)'>
    <jar name='log4j.jar' />
</module>
<module name='serializer'
    licenseType='apache-2.0'
    version='1.6.5'
    projectHome='http://ant.apache.org/'
    description='ANT (compile time), needed for generation of test reports'>
    <jar name='serializer.jar' />
</module>
<module name='testng'
    licenseType='apache-2.0'
    version='6.8'
    projectHome='http://www.testng.org'
    description='Used for unit testing'>
    <jar name='testng-6.8.jar' />
</module>
<module name='xalan'
    licenseType='apache-2.0'
    version='2.4.D1'
    projectHome='http://xml.apache.org/xalan-j/'
    description='Xalan-Java is an XSLT processor for transforming XML documents.
        Used to generate HTML test reports from XML (testing time)'>
    <jar name='xalan.jar' />
</module>
</thirdparty-licenses>

```

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1.128 warning 3.0.0

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1.129 hyphenate-style-name 1.0.3

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1.130 apache-xml-rpc-common-library 3.1.2

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1.131 jetty-servlets 9.2.1.v20140609

1.132 redux-thunk 2.3.0

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1.133 snake-yaml 1.23

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1.134 commons-io 2.5

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1.135 react-dom 16.11.0

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1.136 jackson 2.9.5

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1.137 activation 1.1

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1.146 regexp 2.7.2

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1.147 base64-conversion-utility-class 2.2.2

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1.148 apache-xml-rpc-server-library 3.1.2

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1.149 slf4j-log4j 1.7.7

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1.150 commons-beanutils 1.9.4

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1.151 jaxb-core 2.2.11

1.152 symbol-observable 1.2.0

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1.153 hk2-utils 2.3.0

1.154 react-is 16.11.0

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1.156 jetty-http 9.2.1.v20140609

1.157 beanutils 1.9.3

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1.159 bcprov-jdk15on 1.51

1.160 hikaricp 2.3.13

1.161 libxml 2.9.8

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1.163 pcre 8.41

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1.164 javax-xml-bind 2.2.11

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1.165 protobuf-java 2.6.0

1.166 ant-junit4 1.8.4

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1.167 junit 4.11

1.168 webapp-runner-main 8.5.15.1

1.169 is-object 3.0.1

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1.170 apache-jakarta-commons-logging 1.1

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1.171 whatwg-fetch 3.0.0

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1.172 xmlrpc-common 3.1.3

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1.187 libsmi 0.4.8

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tools/shhopt.c, tools/shhopt.h:

Title: shhopt - library for parsing command line options.

Version: 1.1.2

Entered-date: 23MAR97

Description: C-functions for parsing command line options, both
traditional one-character options, and GNU'ish
--long-options.

Keywords: programming, library, lib, commandline, options

Author: s.h.huseby@usit.uio.no (Sverre H. Huseby)

Primary-site: <http://www.ifi.uio.no/~sverrehu/pub-unix/>

Alternate-site: sunsite.unc.edu/pub/Linux/libs

shhopt-1.1.2.tar.gz

Platforms: Requires ANSI C-compiler.

Copying-policy: BeerWare: If you have the time and money, send me a bottle
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1.188 xalan-java 2.7.2

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1.190 encoding 0.1.12

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