

CA Service Catalog

Release Notes

Release 12.7.00



This documentation, which includes embedded help systems and electronically distributed materials, (hereinafter referred to as the "Documentation") is for your informational purposes only and is subject to change or withdrawal by CA at any time.

This Documentation may not be copied, transferred, reproduced, disclosed, modified or duplicated, in whole or in part, without the prior written consent of CA. This Documentation is confidential and proprietary information of CA and may not be disclosed by you or used for any purpose other than as may be permitted in (i) a separate agreement between you and CA governing your use of the CA software to which the Documentation relates; or (ii) a separate confidentiality agreement between you and CA.

Notwithstanding the foregoing, if you are a licensed user of the software product(s) addressed in the Documentation, you may print or otherwise make available a reasonable number of copies of the Documentation for internal use by you and your employees in connection with that software, provided that all CA copyright notices and legends are affixed to each reproduced copy.

The right to print or otherwise make available copies of the Documentation is limited to the period during which the applicable license for such software remains in full force and effect. Should the license terminate for any reason, it is your responsibility to certify in writing to CA that all copies and partial copies of the Documentation have been returned to CA or destroyed.

TO THE EXTENT PERMITTED BY APPLICABLE LAW, CA PROVIDES THIS DOCUMENTATION "AS IS" WITHOUT WARRANTY OF ANY KIND, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NONINFRINGEMENT. IN NO EVENT WILL CA BE LIABLE TO YOU OR ANY THIRD PARTY FOR ANY LOSS OR DAMAGE, DIRECT OR INDIRECT, FROM THE USE OF THIS DOCUMENTATION, INCLUDING WITHOUT LIMITATION, LOST PROFITS, LOST INVESTMENT, BUSINESS INTERRUPTION, GOODWILL, OR LOST DATA, EVEN IF CA IS EXPRESSLY ADVISED IN ADVANCE OF THE POSSIBILITY OF SUCH LOSS OR DAMAGE.

The use of any software product referenced in the Documentation is governed by the applicable license agreement and such license agreement is not modified in any way by the terms of this notice.

The manufacturer of this Documentation is CA.

Provided with "Restricted Rights." Use, duplication or disclosure by the United States Government is subject to the restrictions set forth in FAR Sections 12.212, 52.227-14, and 52.227-19(c)(1) - (2) and DFARS Section 252.227-7014(b)(3), as applicable, or their successors.

Copyright © 2011 CA. All rights reserved. All trademarks, trade names, service marks, and logos referenced herein belong to their respective companies.

CA Technologies Product References

This documentation set contains references to the following CA Technologies products:

- CA Service Catalog, which includes CA Service Accounting
- CA Embedded Entitlements Manager (CA EEM)
- CA Automation Suites (formerly CA Spectrum Automation Manager)
- CA Automation Suites Reservation Manager (Reservation Manager)
- CA Business Service Insight (CA BSI, formerly CA Oblicore Guarantee)
- CA Service Desk Manager, which includes CA CMDB
- CA SiteMinder®
- CA Asset Portfolio Management (CA APM)
- CA MICS® Resource Management
- CA JARS®
- CA Storage Resource Manager (CA SRM)
- CA Workflow
- CA Process Automation (formerly CA IT PAM)
- CA Business Intelligence
- CA Anti-Virus (formerly eTrust Antivirus)
- CA Threat Manager (formerly eTrust Integrated Threat Management [eTrust ITM])

Contact CA Technologies

Contact CA Support

For your convenience, CA Technologies provides one site where you can access the information you need for your Home Office, Small Business, and Enterprise CA Technologies products. At <http://ca.com/support>, you can access the following:

- Online and telephone contact information for technical assistance and customer services
- Information about user communities and forums
- Product and documentation downloads
- CA Support policies and guidelines
- Other helpful resources appropriate for your product

Providing Feedback About Product Documentation

If you have comments or questions about CA Technologies product documentation, you can send a message to techpubs@ca.com.

If you would like to provide feedback about CA Technologies product documentation, complete our short customer survey, which is available on the CA Support website at <http://ca.com/docs>.

Contents

Chapter 1: Welcome	9
What this Document Provides	9
Product Roadmap.....	9
International Support.....	10
 Chapter 2: New and Updated Features	 13
Overview of New and Updated Features	13
Simplified Configuration Procedures	14
Custom Branding	15
Content Packs.....	16
Content Configuration Form	18
API Plug-ins.....	19
Enhancements to Reservation Services	19
Enhancements to the Form Designer.....	20
 Chapter 3: Changed Features	 23
New and Deprecated Web Service Methods	23
Unique Name Constraints Removed	24
 Chapter 4: Documentation	 25
Documentation	25
CA Bookshelf	26
Readme File.....	26
 Chapter 5: Systems Information	 27
Operating System Support	27
System Requirements	27
Browsers	27
Database	28
Hardware Requirements	28
Stand-Alone Installation Hardware Requirements	29
Distributed Installation Hardware Requirements	30
DBMS Server Hardware Requirements.....	31
Software Requirements	31
Web Server Software Requirements.....	31

Load Balancers	31
Database Server Software Requirements	31
Runtime Environment Software Requirements	32
CA Technologies Common Components Software Requirements	32
Optional Integrations with Other CA Technologies Products	33
Client Requirements	33

Chapter 6: Considerations and Requirements for Installations and Upgrades 37

General Considerations and Requirements	37
Distributed Considerations and Requirements	39
Network Share Considerations and Requirements	39

Chapter 7: General Considerations 41

Considerations for Preventing Duplicate Events, Rules, and Actions	41
Localization Considerations.....	42
Localize Prompt List of Values and Report Data	43
Localize Names of Users, User Groups, and Reports	43
Published Fixes	44

Chapter 8: Known Issues 45

Database and the MDB	45
Oracle DBMS May Return Corrupted Data	45
Integration with CA APM using Oracle.....	46
Cannot Install Service View and the Oracle Server Together.....	46
Case Sensitivity for Searches.....	46
Case Sensitivity for Assigning Actions to Groups	47
MDB Upgrade May Fail During Service View Upgrade.....	47
Integrations with Other CA Technologies Products	47
CA Process Automation Action Disabled.....	48
Unable to Log in to CA EEM After Upgrade.....	48
CA EEM Application Installation Fails.....	49
Unable to Assign CA APM Models.....	49
Cannot Create Change Orders when Multi-Tenancy is On	50
CA Workflow IDE Can Have Missing Fields, with JNLP on Macintosh	50
CA Workflow Inoperable on FIPS-enabled CA EEM.....	50
Installation, Upgrade, and Migration	51
Upgrade Can Require Several Hours for Oracle	51
Restart Computer After Migration.....	51
Recreate Yearly Fiscal Periods After Migration.....	51

Actions Disabled After Upgrade	51
Folders Remaining after Uninstallation	52
Reporting.....	52
Values Missing from Reports	52
Cannot Verify Digital Signature	52
Nvarchar Fields in Reports	52
Cannot Generate Offline Reports in PDF Format	53
Batch Printing Fails with Mozilla Firefox	53
Request Processing	53
Problems with Suspension of a Subscribed Service	53
Fulfilled Requests that are Cancelled Can Become Stuck	53
Retrying Failed Actions Does Not Work	53
Miscellaneous.....	54
Prevent False Warning Message Related to Services Manager Role	54
ActiveX Controls Do Not Run With Mozilla Firefox	54
Do Not Move Tenants	54
Numeric Fields on Localized Operating Systems.....	55
Availability Status of Folders	55
Hyperlinks to non-CA Web Sites May not Work	55
Help Contents Can Appear Instead of Specific Help Topic.....	55
System Alert Messages Always in English	55
Cells Can Appear Large with Apple Safari	56
Decide How to Process Digits for Yen	56

Appendix A: Third-Party Acknowledgments 57

Dependencies on Third-Party Software	58
Apache License Version 2.0.....	60
Apache License Version 1.1.....	68
Apache CXF 2.2.8.....	72
Apache mod_jk 1.2.30.....	112
Apache Tomcat 5.5.29.....	120
Apache Xerces2-J 2.11.0.....	181
EclipseLink 2.1.2	196
Jquery 1.6.3	227
Java Persistence API v.1	228
Java Service Wrapper (JSW) Standard 3.5.6.....	229
JAXB.....	231
Mozilla Rhino 1.5R4.1.....	241
Open Message Queue 4.1	257
Oracle 11G JDBC Driver	257
Saxon 8.53	257

SLF4J	258
SourceForge Dom4j 1.6.1	260
SourceForge ANT-CONTRIB v.1.0b3	262
JRE 1.6.0_22	265
Unzip 5.42	266

Chapter 1: Welcome

Welcome to CA Service Catalog Release 12.7.

This section contains the following topics:

[What this Document Provides](#) (see page 9)

[Product Roadmap](#) (see page 9)

[International Support](#) (see page 10)

What this Document Provides

This document provides detailed information about new and enhanced features for CA Service Catalog Release 12.7.

This document also includes system requirements, installation considerations, general considerations, information about the documentation set, and known issues.

Note: At publication time, CA Service Catalog supports the operating systems and the third-party software listed in this document. For assistance, contact CA Technologies Support at <http://ca.com/support>.

Product Roadmap

The CA Service Catalog Product Roadmap outlines CA Technologies general product direction. The roadmap also provides information that can help you plan and manage your CA Service Catalog implementation. For example, the CA Service Catalog Product Roadmap provides you with the following information:

- Planned features and functionality
- End-of-service announcements
- Interim releases
- CA Service Catalog components
- Removed features and functionality
- Product direction
- Planned changes such as feature and functionality removal

Follow these steps:

1. Open a browser and go to <http://ca.com/support>.
The CA Support Online page appears.

2. Select CA Service Catalog from the Product finder drop-down list.
The CA Service Catalog page appears.
3. Scroll to the Product Status section and click the CA Service Catalog Product Roadmap link.
The CA Support login page appears if you are not already logged in.
4. Log in to CA Support Online.

The CA Service Catalog Product Roadmap appears.

International Support

An *internationalized* product is an English product that runs correctly on local language versions of the required operating system and required third-party products. An internationalized product supports the following:

- Local language data for input and output
- The ability to specify local language conventions for date, time, currency and number formats

A *translated* product (or *localized* product) is an internationalized product that includes local language support for the following:

- User interface
- Online help and other documentation
- Local language default settings for date, time, currency, and number formats

In addition to the English release of this product, CA Technologies supports *only* those languages listed in the following table.

Language	Internationalized	Translated
Brazilian-Portuguese	Yes	Yes
Chinese (Simplified)	No	No
Chinese (Traditional)	No	No
Czech	No	No
Finnish	No	No
French	Yes	Yes
German	Yes	Yes
Greek	No	No

Language	Internationalized	Translated
Hungarian	No	No
Italian	Yes	Yes
Japanese	Yes	Yes
Korean	No	No
Norwegian	No	No
Polish	No	No
Russian	No	No
Spanish	Yes	Yes
Swedish	No	No
Turkish	No	No

Note: If you run the product in a language environment *not* listed in the table, you can experience problems.

Chapter 2: New and Updated Features

This section contains the following topics:

[Overview of New and Updated Features](#) (see page 13)

[Simplified Configuration Procedures](#) (see page 14)

[Custom Branding](#) (see page 15)

[Content Packs](#) (see page 16)

[Content Configuration Form](#) (see page 18)

[API Plug-ins](#) (see page 19)

[Enhancements to Reservation Services](#) (see page 19)

[Enhancements to the Form Designer](#) (see page 20)

Overview of New and Updated Features

Welcome to CA Service Catalog Release 12.7. Administrators can use new features in this release to do the following:

- Perform [simplified configuration procedures](#) (see page 14) for authentication and mail server administration.
- Specify custom branding for one, more, or all business units. This feature includes custom themes and custom logos for business units. This feature also includes several options to customize the login page.
- [Package content](#) (see page 16) for reuse. This feature lets you efficiently import and export CA Service Catalog objects as content packs between computers and business units. Objects include services, service option groups, policies, report data objects, and so forth. You can enable and disable the content packs as needed.
- Use [content configuration forms](#) (see page 18) to specify the values of variables of custom parameters that you create. You typically reference these custom parameters in API plug-ins and CA Process Automation processes. Using the content configuration form to store the values frees you from hard-coding the values in the plug-ins or processes.
- Write and use custom [API plug-ins](#) (see page 19) that load data into certain fields on forms that you create with the Form Designer. API plug-ins can query the MDB or another data source that you use and return the number of objects that meet the specified criteria. The product also supplies two predefined plug-ins for reservation services that you can use as models.
- Create types and subtypes for resources used in [reservation services](#) (see page 19). Users can select these resources when requesting reservation services. Moreover, users can modify or return these resources (in whole or in part) while the reservations are in progress. You create services with modify and return features that *both* enable users to perform these tasks *and* charge users accordingly.

- Use several new features for the Form Designer to retrieve and format data for form fields more efficiently. These new features include static tables, dynamic tables, spinner fields, and Date Time fields. They also include new JavaScript functions, new elements, and new attributes.
- Replace [deprecated web service methods](#) (see page 23).

Simplified Configuration Procedures

CA Service Catalog 12.7 simplifies configuration procedures for the following:

- NTLM Authentication on Windows

In previous releases, you enabled Windows NTLM authentication by editing XML files manually, to do both of the following:

- Configure CA Service Catalog to use single sign-on.
- Configure Apache Tomcat to use Windows NTLM authentication.

In this release, you use a single new configuration option to accomplish both tasks.

Important! If you enabled Windows NTLM authentication in the previous release of CA Service Catalog, use the new configuration option to enable it again in this release. This option is disabled by default, for both new installations and upgrades.

- Single sign-on types for external authentication

In previous releases, you could enable or disable single sign-on for external authentication. However, you could not specify a *type* of single sign-on.

In this release, you *can* specify a *type* of single sign-on for external authentication.

If you are installing CA Service Catalog for the first time or if you are upgrading, and you use external authentication, verify that single sign-on type setting is correct for your implementation.

- Mail server administration

In this release, the options in the Mail Server section of administration configuration options are enhanced. You can specify new options for the user name, password, and port number of the mail server that you use with CA Service Catalog. You can also use the new Test button to verify the connection between CA Service Catalog and the mail server.

Note: For details, see the *Implementation Guide*.

Custom Branding

As an administrator, you can customize the look-and-feel of the CA Service Catalog UI. The main categories of look-and-feel elements that you can customize are the following:

- Logos are image files that uniquely identify a company, business unit, or super business unit.

These logos include the login logo, global logo, and business unit logo.

For each business unit, you can optionally specify a *business unit* logo. If you specify this logo, it replaces the *global* logo in the heading on product pages and request emails for users of the business unit. You can use a business unit logo to support the brand or other messaging uniquely for a business unit. You can update the logos for every business unit or only for specific business units. For example, you can decide to customize logos only for super tenants directly under the root business unit.

If the business unit has child business units, the following applies:

- If the child business unit has its own logo specified, users who log in to it see the child logo, not the parent logo.
- If the child business unit does *not* have its own logo specified, users who log in to it see the global logo.

Thus, users with access to multiple business units can see different header logos when they log in to each business unit.

- The login page enables a user to access the product.

The same login page (including the login logo) applies to all users in all business units. You can customize the settings for several look-and-feel elements, including images and icons (*except for logos*), menus, tabs, and so forth. When applicable, these elements include colors, font name and point size, highlighting, and related specifications. You customize these look-and-feel elements by editing the Cascading Style Sheet (CSS) files for the login page.

- Global page elements appear on several or all product pages. They include the product name, shopping icon, and footer. Global page elements are always the same, on every product page where they appear.

Like the elements of the login page, global page elements apply to all users, regardless of their business unit. You *cannot* override them with business unit-specific settings. The global page elements also apply regardless of whether you have customized the themes of one or more business units.

You customize global page elements by editing the file named `includes_shared.xml`.

- A *theme* specifies the settings for several look-and-feel elements, including images and icons (*except for logos*), menus, tabs, and so forth. When applicable, these elements include colors, font name and point size, highlighting, and related specifications. You customize these look-and-feel elements by editing the Cascading Style Sheet (CSS) files for the theme.

The look-and-feel of the UI matches the theme of the business unit that you are logged in to. If theme is not set for a business unit, CA Service Catalog checks the business unit hierarchy until it finds a theme. Thus, if a business unit does not have its own theme, it uses the theme of its closest parent business unit. You can use the same theme for all business units. Alternatively, you can optionally create and use different themes for different business units.

You can customize any, all, or none of the items in this list. Customizing each item in the previous list is a separate, independent operation. You can customize any one of them *without* customizing the others. This separation provides flexibility and efficiently.

You can customize logos or global page elements quickly and easily. Customizing themes is a longer process and requires advanced prerequisites. Verify that the customizations you plan to make to each one are compatible with each other, to help provide a consistent look-and-feel to users.

Note: For details about custom branding, see the *Implementation Guide*.

Content Packs

A content pack is a collection of CA Service Catalog objects, such as services, Form Designer forms, policies, events, report data objects, CA Process Automation processes, and so forth. As a producer or designer, you create and export content packs to package customized versions of these objects efficiently and accurately. As a consumer or adopter, you import content packs so that you can use these customized objects without having to perform the same customization processes. Typically, the customizations in a content pack are focused on configuring your Catalog system for the optimal use of a specific feature, service, or environment. Content packs enable you to repeat these customizations efficiently and accurately from one system to another, multiple times.

Using content packs enables you to do *both* of the following:

- As a producer or designer of content packs, you package a library of objects, including your updates and customizations, in a single location.
- As a consumer or adopter of content packs, you import the customized objects programmatically in a single operation, as many times as necessary.

Consequently, you do not have to repeat individual operations for each object type. Content packs thus provide an efficient method of packaging and applying such updates and customizations, especially when you move from one implementation to another. Examples include the following:

- Test-to-production migrations and other same-release migrations
- Replacement of a decommissioned computer
- Restoring customizations after upgrading CA Service Catalog

Both customers and CA Technologies can create content packs, as follows:

- CA Technologies typically creates content packs that include new objects or updated versions of existing objects, including sample objects and fixes.
- Customers typically create content packs that include objects that they have customized to meet specific organizational requirements.
- Customers can optionally copy content packs from CA Technologies and customize them before applying them across their implementations.
- You can export and import multiple content packs for a single business unit. Similarly, you can export and import multiple content packs for all business units. If a conflict occurs between the existing content pack and the one you are activating, the new content pack auto overrides the old one.

The following roles are most likely to create and export content packs:

- Members of a CA Technologies content team
- A service delivery manager or other administrator in your organization

The most likely role to import a content pack is a service delivery manager or other administrator.

Note: For details about content packs, see the *Implementation Guide*.

Content Configuration Form

You can optionally create a content configuration form to specify any custom configuration information required to use your content pack. These forms are typically not required but can be helpful, especially under the following circumstances:

- The imported objects require configuration before you can use them.
- The administrator who imports the content pack did not export it.
- You require custom values for variables in API plug-ins or CA Process Automation processes. Instead of hard-coding specific values, you can retrieve values from fields on content configuration forms. Typically, you use this tactic when the values can change and cause the API plug-ins or CA Process Automation processes to fail, leading to system downtime. Examples include a server URL that can change, for example, because of a test-to-production move or a migration from a low-security to high-security environment.

Content configuration forms can be helpful when your imported content requires a custom configuration for one or more of the following:

- CA Process Automation processes and plug-ins that require configuration data
- A plug-in that needs access to an external data source (not the MDB), such as web service or database

An example is an Active Directory query that supplies CA EEM. The configuration form can list a *server name=field-name* field. The Active Directory query references this field in the form, rather than a hard-coded server name.

- Organization-specific requirements, such as user names and passwords that change both at regular intervals and intermittently as-needed.

Content configuration forms are specific to the business unit for which you create them. Parent business units have access to the forms of their child business units.

Administrators of each business unit can define their own configuration forms in the same way as they can define request forms. Additionally, the Service Builder, Configuration, Content Configuration page includes the Change Business Unit button. This button behaves the same way as on other Service Builder pages: it opens a dialog that lets you select another business unit that you are authorized to access. If you change business units, the list of configuration forms on the left pane of the page updates to display the forms of the current business unit.

Note: For details about content configuration forms, see the *Implementation Guide*.

API Plug-ins

The network administrator, service delivery manager, and Java programmer work together to write API plug-ins that load data into the following Form Designer fields dynamically:

- Select boxes and options
- Dual lists
- Dynamic tables

The API plug-ins are Java objects that implement one of the following predefined interfaces.

- `com.ca.usm.plugins.apis.forms.FDSelectDataProvider`: This plug-in applies to select boxes (both single-select and multiselect) and dual list fields.
- `com.ca.usm.plugins.apis.forms.FDTableDataProvider`: This plug-in applies to dynamic tables.

API plug-ins can query the MDB or another data source and return the number of objects that meet the criteria that you specify. API plug-ins are deployed as jar files in the plug-ins directory of the filestore. API plug-ins run in the same Java Virtual Machine instance as Service View.

You can either write your own API plug-ins or copy and modify the predefined plug-ins to meet your requirements. In both cases, you meet the prerequisites and compile your plug-ins *before* you can use them to populate Form Designer fields dynamically.

When a user completes a form while requesting a service, the report data object populates the specified field with options for the user to select. For example, when a user completes a form to reserve a virtual computer, the report data object populates the list of available computers. In addition, you can write other report data objects to populate related fields, for example, options for RAM and disk space.

Note: For details about API plug-ins, see the *Administration Guide*.

Enhancements to Reservation Services

As an administrator, you can now perform the following tasks for reservation services:

- Specify billing charges for reservation services using any and all options that CA Service Catalog supports for nonreservation services. Examples include periodic billing, one-time billing, and usage-based billing.
- Create or update reservations that specify no end date.

- Create types and subtypes for resources used in services. Users can select these resources when requesting reservation services. Moreover, users can modify or return these resources (in whole or in part) while the reservations are in progress. An example is a user requesting additional memory after the reservation has started and returning it before the reservation ends. You create services with modify and return features that *both* enable users to perform these tasks *and* charge users accordingly.

The modify, return, and extend operations use the new predefined API plug-ins to retrieve details about the resources used in reservations that are in progress.

- Set up reservation services to reserve, modify, extend, and return resources, as described in the previous bullets.

Note: For general information about reservations and for details about integrating with Reservation Manager and external reservation systems, see the *Integration Guide*.

Enhancements to the Form Designer

The Form Designer includes several enhancements, including the following:

- For the Form attributes, the new Form Type attribute includes the value named Configuration, to specify a content configuration form.
- The basic elements of a form include the new spinner field. This field enables a user to select a numerical value from a range of incremented values, such as 100, 200, 300, and so forth.
- The enhanced lookup field enables users to select the query results they want, if any, to populate the form.
- The new Date Time field lets you include the date and time and set their format.
- The new Dual List field lets you present options to users in two columns: selected and not selected.
- You can create a new static table to enter structured data into a form. A static table contains fixed data that you specify manually.
- In contrast, you can create a new dynamic table to enter structured data from a report data object into a form. The report data object can use either a data source query or an API plug-in.

- The Script dialog for each form lets you create and maintain JavaScript functions that apply to a form. Using the Script dialog is the best-practice option for maintaining custom JavaScript functions for a form.
- You can use following new HTML attributes:
 - Empty Text
 - The List Width attribute for select boxes only
 - Attributes for spinner fields only
 - Attributes for tables only
- You can use the following new JavaScript functions:
 - The new predefined JavaScript functions for hiding, showing, disabling, and enabling *multiple* fields on a form using a single method call. These new JavaScript functions complement existing functions for hiding, disabling, and enabling *individual* fields on a form.
 - The new predefined JavaScript functions for select boxes and options
 - The new predefined JavaScript Functions for tables only

Note: For details about these enhancements, see the *Administration Guide*.

Chapter 3: Changed Features

This section contains the following topics:

[New and Deprecated Web Service Methods](#) (see page 23)

[Unique Name Constraints Removed](#) (see page 24)

New and Deprecated Web Service Methods

The following web service methods were deprecated in the previous release and replaced with the following new methods:

Deprecated Method	New Method
addProcessInstancetoRequestItem	addProcessInstance
addProcessInstancetoRequestItemOffering	addProcessInstance
addRequestAttachment	addRequestAttachmentWithPath
addWorkflowPendingAction	assignPendingAction
addWorkflowPendingActionWithDesc	assignPendingAction
updateRequestItemRowStatus	updateRequestItemStatus
updateRequestOfferingStatus	updateRequestItemStatus

Deprecated methods are still expected to work as intended and are supported. However, they are *not* enhanced with new features of the product. Deprecated methods may be removed in future releases of the product.

In contrast, the new methods provide a more efficient mechanism to perform the equivalent functions as the old methods. Moreover, the new methods *are* enhanced with new features of the product. Therefore, we recommend that you replace the deprecated methods with the new methods as soon as possible.

Note: For more information about web services, see the *Administration Guide* and the *Web Services API Documentation*.

Unique Name Constraints Removed

The following objects no longer require unique names within a business unit. If you attempt to create one of these objects with a name that is already in use, a warning message appears. You can either ignore the warning or rename the object that you are creating.

- Service option groups
- Services
- Folders
- Events
- Rules
- Actions

Note: For more information about these items, see the *Administration Guide*.

Chapter 4: Documentation

This section contains the following topics:

[Documentation](#) (see page 25)

[CA Bookshelf](#) (see page 26)

[Readme File](#) (see page 26)

Documentation

CA Service Catalog supplies the following guides in *both* HTML and PDF format:

- Implementation Guide
- Administration Guide
- Integration Guide
- Release Notes
- Reference Guide
- Readme (if needed)
- CA MDB Overview
- CA Business Intelligence Implementation Guide
- CA Workflow API Reference Guide

For best results, access these guides through the [CA Bookshelf](#) (see page 26).

CA Bookshelf

The CA Bookshelf provides all product [documentation](#) (see page 25) in both Section 508-compliant HTML format and PDF format. Using the CA Bookshelf, you can do the following:

- View and search individual guides in HTML or PDF format.
- Use the Search field at the upper right of the CA Bookshelf to search all guides in HTML format.
Note: This option applies to the English language guides only, not localized guides.
- Use PDF format to view, search, and print individual guides using Adobe Reader. If Adobe Reader is not installed locally, you can use the Download Adobe Reader link on the bookshelf to download and install Adobe Reader.

To obtain the CA Bookshelf, do one of the following:

- Install CA Service Catalog. The CA Service Catalog installation media installs the CA Bookshelf automatically.
- Copy the entire \locale subfolder from either the installation media or a product installation to your local computer.
- View and optionally download the CA Bookshelf from CA Support Online.

To open the bookshelf from within the CA Service Catalog GUI, select Administration, Tools. On the Tools page, click Links (under Menu). On the Links page, select Documentation, Bookshelf.

To open the bookshelf outside the CA Service Catalog GUI, do one of the following:

- Double-click the Bookshelf.html file.
- Click the CA Bookshelf link in the CA Service Catalog section of the Windows Start menu.

Updated documentation for CA Service Catalog is available at <http://ca.com/support>.

Readme File

The CA Service Catalog documentation includes a *Release Notes* file.

However, a readme file is optional and is included *only* if necessary to document last-minute changes.

At the time of publication, CA Service Catalog does not require or include a readme file.

Chapter 5: Systems Information

This section contains the following topics:

[Operating System Support](#) (see page 27)

[System Requirements](#) (see page 27)

[Hardware Requirements](#) (see page 28)

[Software Requirements](#) (see page 31)

[Optional Integrations with Other CA Technologies Products](#) (see page 33)

[Client Requirements](#) (see page 33)

Operating System Support

CA Service Catalog supports the following operating system for the application components and the database management systems:

- Microsoft Windows 2008 Server – Standard and Enterprise
- Microsoft Windows 2008 R2 Server – Standard and Enterprise

Note: For any additional operating systems or service packs supported after GA, see the Certification Matrix for CA Service Catalog on <http://ca.com/support>.

System Requirements

You must meet these requirements to install and run CA Service Catalog.

Browsers

You can access CA Service Catalog on desktop and laptop computers with the following browsers:

- Microsoft Internet Explorer 7.0 or 8.0 with the latest service pack
- Mozilla Firefox 3.5
- Apple Safari 3.5 on Windows

For PDA approval, you can access CA Service Catalog with the following browsers:

- Blackberry browser on Blackberry smartphones
- Safari browser on iPhones

Database

At publication time, CA Service Catalog supports the following DBMS software.

Important! If you are currently using a version of Oracle or SQL Server that is not supported by CA Service Catalog, then you must back up your database and install a supported version of DBMS software *before* you install or upgrade CA Service Catalog. In some cases, instead of directly *upgrading* your old DBMS version to a supported version, you may need to *uninstall* your existing DBMS version and install the new version as a completely new installation. For more information, see your DBMS documentation.

- MS SQL Server Enterprise Edition 2005
- MS SQL Server Enterprise Edition 2008
- Oracle 10g R2 or 11g R2 running on Windows Server, Solaris, or Linux, as follows:
 - Oracle 10g R2 or 11g R2 (32-bit) on Windows Server
 - Oracle 10g R2 or 11g R2 (64-bit) on Windows Server
 - Oracle 10g R2 or 11g R2 (32-bit) on RedHat Linux 4.0 Advanced Server (32-bit)
 - Oracle 10g R2 or 11g R2 (64-bit) on RedHat Linux 4.0 Advanced Server (64-bit)
 - Oracle 10g R2 (64-bit) on Solaris SPARC (64-bit)
 - Oracle 11g R2 (64-bit) on Solaris SPARC (64-bit)

Note: For any additional versions or service packs that may be supported after GA, see the Certification Matrix for CA Service Catalog on <http://ca.com/support>.

Hardware Requirements

Review the hardware requirements carefully before installing CA Service Catalog, related components, and your DBMS software.

Stand-Alone Installation Hardware Requirements

Important! In a stand-alone installation, you install CA Service Catalog, CA Service Accounting, and CA Workflow (if used) on a single computer. It is possible but *not* recommended that you perform a stand-alone installation. A stand-alone installation is suitable *only* for the following purposes: staging, development, proof of concepts, and testing. A stand-alone installation is *not* recommended for production.

The hardware requirements for a stand-alone installation follow:

- CPU: Intel Platform—3 GHz Processor or higher—Multi-processor recommended
- Memory: 4 GB or higher recommended
- Hard disk: minimum 80 GB with at least 4 GB free space. The amount of free space required depends on the number of log files and the amount of data to be stored in the database.

High-speed SAS hard drive preferred

Distributed Installation Hardware Requirements

Important! For production, we *strongly* recommended that you perform a distributed installation. In a distributed installation, you install each required CA Technologies application server on its own computer. For example, you install CA Service Catalog on server 1, CA Workflow or CA Process Automation on server 2, and CA Service Accounting on server 3. You install the DBMS server software on server 4.

The hardware requirements for each computer in a distributed installation follow.

- CPU: Intel Platform—3 GHz or higher processor—Multiprocessor recommended
- Memory: 2 GB minimum, 4 GB or higher is recommended
- Hard disk: Minimum 40 GB with 5 GB of free storage or greater—the amount of free space required depends on the number of log files.

High-speed SAS hard drive preferred

- This item applies *only* if you install one or more CA Service Catalog components on nondefault drives (typically drives other than C:\). For each such component, verify that the following amounts of free disk space exist on the default drive (typically C:\):
 - 1.5 GB for the *first* Service View computer (this computer includes Apache Tomcat and other software and can include the MDB)
 - 1 GB for each *additional* Service View computer
 - 0.5 GB for CA Service Accounting
 - 0.5 GB for CA Workflow
 - 20 MB for CA Service Catalog and the Catalog Content

The installation program requires this free disk space to write to temporary files referenced by environment variables, such as APPDATA and ProgramFiles.

Note: For fault tolerance and scalability, you can optionally install multiple Service View servers.

More information:

[Distributed Considerations and Requirements](#) (see page 39)

DBMS Server Hardware Requirements

The following hardware requirements apply to the computer on which you install your DBMS Server software.

Install the DBMS server software on its own server, *not* on the same computer as the required CA Technologies application servers.

For fault tolerance, we recommend that you configure the database server in a clustered environment.

- CPU: Intel Platform—3 GHz Processor or higher—Multi-processor is recommended
- Memory: minimum 4 GB RAM, 8 GB or higher is recommended
- Hard disk: minimum 80 GB. The amount of free space required depends on the amount of data that you want to store.
- High-speed SAS hard drive preferred. Raid 5 array configuration preferred.

Software Requirements

Review the software requirements carefully before installing CA Service Catalog and related components.

Web Server Software Requirements

The web server software for CA Service Catalog is Apache Tomcat version 5.5.29, which is included with CA Service Catalog.

Load Balancers

You can optionally use a load balancer with CA Service Catalog.

The load balancer supplied with CA Service Catalog is Apache Web Server for Windows version 2.2.16.

You can optionally use it or another load balancer with CA Service Catalog. If you use another load balancer, it must support session affinity (sticky sessions).

Database Server Software Requirements

The software requirements for the Database Server component are included in [Database](#) (see page 28).

More information:

[DBMS Server Hardware Requirements](#) (see page 31)

Runtime Environment Software Requirements

The software requirements for the runtime environment are as follows:

- Java Runtime Environment (JRE) 1.6.0_20 (included with CA Service Catalog)
- Open Message Queue version 4.1 (included with CA Service Catalog)

CA Technologies Common Components Software Requirements

The following CA Technologies Common Components are required and are included on the CA Service Catalog installation media:

- CA Management Database (CA MDB) r1.5 SP2
- CA EEM r8.4 SP4

Important! CA Service Catalog requires CA EEM (formerly eIAM) r8.4 SP4. For the latest certification information for CA Service Catalog, CA Service Accounting, CA EEM, and related CA products and components, see the Certification Matrix for each product or component on <http://ca.com/support>.

The following CA Technologies Common Component is optional and is included on the CA Service Catalog installation media:

- CA Workflow 1.1.5 SP6

Important! If you are upgrading CA Service Catalog, also upgrade CA Workflow if you used it for the previous release. In such situations, upgrade CA Workflow so that you can continue using it efficiently with CA Service Catalog. Also, transition from CA Workflow to the preferred process automation tool, CA Process Automation.

Note: For information about installing CA EEM, CA MDB, and CA Workflow, see the *Implementation Guide*.

Optional Integrations with Other CA Technologies Products

You can optionally integrate CA Service Catalog with the following CA Technologies products:

- CA Technologies products that are supplied on their own installation media and *are* included with the CA Service Catalog installation media:
 - BusinessObjects Enterprise 3.2
 - CA Process Automation 3.0 or 3.1, updated to the current patch level
- CA Technologies products that are supplied on their own installation media and are *not* included with the CA Service Catalog installation media:
 - CA CMDB r12.1
 - CA Service Desk Manager r11.2, r12.1
 - CA Service Desk Manager r12.5 or r12.6, which includes CA CMDB
 - CA APM r11.3.4 CP8
 - CA Business Service Insight 7
 - Reservation Manager—the Reservation Manager component of CA Server Automation r12
 - CA SiteMinder r12 SP1
 - CA Storage Resource Manager
 - CA MICS or JARS

Note: For instructions to install these products, see their documentation. For instructions to configure these products and CA Service Catalog to integrate, see the *Integration Guide* and the *Implementation Guide*.

Client Requirements

CA Service Catalog clients must meet the following requirements:

- If your browser does not display the updates to a web page every time you visit it, then you must check and set your browser cache settings on every visit to display the updated page from the server.
- Windows 2003 sets the default Internet Explorer (IE) security setting for the internet content zone as High. To open Service View, you must change the security setting for IE to Medium and add the site to your trusted sites list.

- [Java Runtime Environment](#) (see page 32) is required to view reports with charts and to start the Workflow Design Tool from the web interface. In both cases, if JRE is not installed, you are prompted to download it.

If you want to install Java Runtime Environment manually on a client computer, go to URL: `http://<hostname>:<portnumber>/usm/jreinst/install.htm` (where *hostname* is the name of any Service View server).

- OpenViz Viewer is required if the client is set to view reports with charts. If not present, it will be automatically downloaded on the client system.
- Microsoft Outlook View Control is required if a portal connects to MS Outlook from a client system.

Note: For more information, see the following web site:
<http://activex.microsoft.com>

- Microsoft Office Web Components are required if a portal connects to MS Office from a client system.

Note: For more information, see the following web site: <http://office.microsoft.com>

- To show symbols and double byte characters properly when using Microsoft Internet Explorer 6.0 SP2 or higher, set the browser to Unicode UTF8. From the IE browser, select View, Encoding, Unicode (UTF8)
- The following font families must be installed on the client computer for some currency symbols (for example, Korean Won) to display:
 - Arial Unicode MS
 - Tahoma
- CA Service Catalog and Service View use several signed controls and are used in the following areas:
 - Dashboard.cab – Contains the components for the dashboard/portal related items (for IE).
 - Print.cab – Contains the printing component (for IE).
 - Print.jar - Contains the printing component (for non-IE browsers).
 - Chart.jar - Used by the reporting component

The jar files in %USM_HOME%\fulfillment\webapps\usm_idews are used by the JNLP start of the CA Workflow process definition tool
- CA Workflow uses the following signed controls to invoke the Process definition tool using Web Start:
 - Safe.jar
 - axis.jar
 - IDEHelp.jar
 - branding.jar

- jaxrpc.jar
- commons-discovery.jar
- jhall.jar
- commons-logging.jar
- log4j-1.2.8.jar
- DefaultIcons.jar
- saaj.jar
- dom4j-full.jar
- xercesImpl.jar
- IDE.jar
- xml-apis.jar

Chapter 6: Considerations and Requirements for Installations and Upgrades

This section contains the following topics:

[General Considerations and Requirements](#) (see page 37)

[Distributed Considerations and Requirements](#) (see page 39)

[Network Share Considerations and Requirements](#) (see page 39)

General Considerations and Requirements

Review this section for important information regarding new installations and upgrades.

The following installation considerations and requirements typically apply to all implementations.

- Service View must be installed first, before any other CA Service Catalog product or component is installed.
- Verify that all CA Service Catalog computers are *geographically colocated*—that is, are located in the same building, in the same room. Having all CA Service Catalog computers geographically colocated helps prevent possible performance problems that network latency could cause.

The term *CA Service Catalog computer* means the DBMS server and any computer on which you plan to install any CA Service Catalog product or component. These products and components include CA EEM, CA Workflow, and other CA Technologies products or components included on the CA Service Catalog installation media.

- Verify that the computer on which you plan to install any CA Service Catalog component or the MDB meets the applicable system requirements.

- Before you upgrade, note the value of all Use Service Provider Catalog Option settings for all business units in your implementation. Decide which one to use as a system setting in CA Service Catalog. After you upgrade, set this parameter to match your decision.
- Back up your entire system before upgrading from a previous release of CA Service Catalog to this release. Similarly, after you have installed this release, back up your entire system before migrating from test to production.
- In this release, you use a single new administration configuration option to enable Windows NTLM authentication. This option is named Single Signon Authentication. This option simplifies your configuration process by replacing the manual editing of XML files used in previous releases.
- Log in to CA Service Catalog computers using the Administrator account.
- We recommend that you do not add users, delete users, or change user information using CA EEM. Instead, use CA Service Catalog, which integrate with CA EEM and update CA EEM accordingly.
- If you are installing on a Windows 2008 computer with Terminal Server, close the installation dialog after you install each CA Service Catalog product and component. Otherwise, the next attempt to install a CA Service Catalog product and component could fail.
- The Application User is automatically created during the installation.
The CA Service Catalog product user named *spadmin* is automatically created as a product user. The password for this user is also *spadmin*.
- After you have installed Service View, restart the computer on which you installed it.
- After you complete an upgrade, verify that the events, rules, and actions that you had enabled before the upgrade are still enabled.

Distributed Considerations and Requirements

When you install CA Service Catalog products and components on multiple computers (a distributed implementation), meet the following requirements:

- The first CA Service Catalog product or component that you install on any computer must be Service View.
- You can install CA Service Accounting and CA Workflow on different computers than Service View. However, you install CA Service Catalog and Catalog Content on the *first* (formerly *primary*) Service View computer *only*.
- Any computer on which you install Service View, CA Service Catalog, Catalog Content, CA Workflow, or CA Service Accounting must have either your DBMS server or DBMS client installed. This requirement applies to both SQL Server and Oracle.

Important! If you use CA Process Automation, we recommend that you do *not* install the CA Process Automation domain orchestrator and CA Process Automation components on the same computer.

Network Share Considerations and Requirements

When you install CA Service Catalog products and components on a network share, follow these considerations and requirements:

- If the installation image is on a network share, then map a drive letter to this share. You *cannot* run batch files from a UNC path.
- We recommend that you copy the installation image to a local folder and run the installation programs locally.

Chapter 7: General Considerations

This section contains the following topics:

[Considerations for Preventing Duplicate Events, Rules, and Actions](#) (see page 41)

[Localization Considerations](#) (see page 42)

[Published Fixes](#) (see page 44)

Considerations for Preventing Duplicate Events, Rules, and Actions

CA Service Catalog supports both CA Process Automation and CA Workflow as process automation tools. CA Process Automation is the preferred tool. However, you can optionally use either CA Workflow alone or both CA Process Automation and CA Workflow. You can also use a mixed approach, such as using CA Workflow for approval and CA Process Automation for fulfillment. A mixed approach can be helpful if you are upgrading CA Service Catalog and want to move gradually from CA Workflow to CA Process Automation.

Whichever approach you select, consider the following items carefully. Doing so helps ensure that your implementation does not issue duplicate events, rules, and actions during request processing. Otherwise, users can receive duplicate messages regarding changes in the status of requests and duplicate requests to approve or fulfill requests.

- Review the rules related to your process automation tool or tools: Verify that the rules you want to use are enabled and the others are disabled.

Note: For information about configuring, enabling, disabling rules, see the *Administration Guide*.

- If you install CA Service Catalog for the first time (*not* upgrade) and you install CA Workflow instead of CA Process Automation, disable the notification rules. Otherwise, you receive duplicate emails when a request goes through the approval flow. To do so, disable the following rules for the event named Request/Subscription Item Change:
 - When Status is Approved
 - When Status is Fulfilled
 - When Status is Fulfillment Cancelled
 - When Status is in Pending Fulfillment range
 - When Status is Pending Approval
 - When Status is Rejected
 - Complete all tasks for configuring CA Service Catalog to integrate with CA Process Automation, CA Workflow, or both, including all post-installation configuration tasks.
- Note:** For details, see the *Integration Guide*.

Localization Considerations

For products that integrate with CA Service Catalog, including other CA Technologies products, CA Technologies common components, and third-party products, do the following: Review the documentation and other resources for the product or component to determine whether it is localized. For example, for information about BusinessObjects Enterprise localization, see the documentation and other resources for BusinessObjects Enterprise.

When you view BusinessObjects Enterprise reports in localized format, the following elements remain in English:

- Some fields, including Request Status, Billing Status, Account Status, Account Type, and fields related primarily to payment and adjustment
- User names, group names, and report names
- Certain prompts, menu options, and other data retrieved from the database
- Currency names and names of time zones

In addition, in both English and localized reports, custom status values do appear in the reports; however, their descriptions do not.

As a partial work-around, you can do the following:

- [Localize prompt list of values and report data](#) (see page 43)
- [Localize names of users, user groups, and reports](#) (see page 43)

Localize Prompt List of Values and Report Data

While prompt list of values (LOVs) and report data are not localized initially, you can optionally localize them manually.

To localize prompt list of values and report data

1. Open the Universe Designer application.
2. Import the SLCM universe.
3. Verify that you can view all classes and objects.
4. Double-click the object that you want to edit.
5. Click the Definition tab.
6. In the Select text area of the Definition tab, replace the English text with the localized text.

For example, for the account status, suppose you are localizing the properties of the Status object of the Account Details (Admin) class. By default, the Select text area of the Definition tab of this object contains the following English text:

```
case DT_Account_Details.status when 0 then 'Closed' when 1 then 'Open' when 2 then 'Suspended' when 3
then 'Closed Requested' end
```

To localize this text, update it as follows:

```
case DT_Account_Details.status when 0 then 'localized Closed string' when 1 then 'localized Open string'
when 2 then 'localized Suspended string' when 3 then 'localized Closed Requested string' end
```

For example, for German, you could update this text as follows:

```
case DT_Account_Details.status when 0 then 'Geschlossen' when 1 then 'Geöffnet' when 2 then
'Ausgesetzt' when 3 then 'Schliessen Angefordert' end
```

7. Click OK to save the changes.

The changes are reflected in all related columns, data, lists of values, and so forth, in reports.

8. Export the universe.

Localize Names of Users, User Groups, and Reports

You can localize report names, user names, and user group names in BusinessObjects Enterprise. Consequently, non-English users see the names in their native language rather than English.

In BusinessObjects Enterprise, you can select the object and rename it, replacing the English names with the localized names.

Note: For details, see the BusinessObjects Enterprise documentation.

Published Fixes

All published fixes for this product can be found through Technical Support at <http://ca.com/support>.

Chapter 8: Known Issues

This section contains the following topics:

[Database and the MDB](#) (see page 45)

[Integrations with Other CA Technologies Products](#) (see page 47)

[Installation, Upgrade, and Migration](#) (see page 51)

[Reporting](#) (see page 52)

[Request Processing](#) (see page 53)

[Miscellaneous](#) (see page 54)

Database and the MDB

The following known issues affect the database and the MDB.

Oracle DBMS May Return Corrupted Data

Important! If you are using an Oracle DBMS with CA Service Catalog, CA Process Automation, and other CA Technologies products, your database can return corrupted data to these products.

At publication time, related issue numbers from Oracle Support are as follows:

- 9004101
- 9347941
- 5635254
- 8588311
- 9047803

As a work-around, we recommend one of the following:

- See Oracle Support for a solution when you are ready to install and deploy CA Service Catalog, CA Process Automation, and other CA Technologies products
- Use Microsoft SQL Server as your DBMS for CA Service Catalog, CA Process Automation, and other CA Technologies products

Integration with CA APM using Oracle

If you are integrating CA Service Catalog and CA APM using an Oracle database, the Service Delivery Administrator [Fulfiller] user ID *must* be completely uppercase.

Note: For more information, see the *Implementation Guide*.

Cannot Install Service View and the Oracle Server Together

This issue applies *only* if you use Oracle as your DBMS for CA Service Catalog. If the Oracle global database name and system identifier (SID) are different, then you *cannot* install Service View on the same computer as the Oracle server.

Case Sensitivity for Searches

In CA Service Catalog, you can search for requests, users (including attributes), accounts, and other items. The case sensitivity of all searches in the product depends on the case sensitivity or collation settings in the database used for MDB, as follows:

- Microsoft SQL Server is typically set up using case-insensitive collation. Therefore, searches are typically case-insensitive.
- Oracle is typically set up using case-sensitive collation. Therefore, searches are typically case-sensitive.

If necessary, verify the case sensitivity settings for your database by testing or by consulting your database administrator.

Note: The group name defined in CA EEM and the corresponding group name in CA Workflow must match by case. Otherwise, the request is not assigned to the group.

Case Sensitivity for Assigning Actions to Groups

You can assign requests pending action to an CA EEM group that corresponds to a group with the same name in CA Process Automation (or CA Workflow). In such cases, the group names in CA EEM and CA Process Automation (or CA Workflow) must match exactly, including case, if either of the following conditions exist:

- The CA EEM database is configured to use case-sensitive group names.
- The external directory (such as Active Directory) that populates the CA EEM database is configured to use case-sensitive group names.

Otherwise, the request is not assigned to the group.

Test the settings by requesting services and verifying that the requests pending action are assigned to the groups that you specified.

Note: For information about defining groups in CA EEM, see the Integration Guide and your CA EEM documentation. For information about defining groups in CA Process Automation or CA Workflow, see your CA Process Automation or CA Workflow documentation. Also see your documentation for these products for information about case-sensitivity.

MDB Upgrade May Fail During Service View Upgrade

During an upgrade to Service View, the CA Management Database (MDB) is also upgraded. The MDB upgrade may fail if duplicate records exist in the tables where a unique index is created; an example is the `usm_configuration` table. In such tables, evaluate and clean up the duplicate records, and try again to install the MDB.

Integrations with Other CA Technologies Products

The following known issues affect integrations of CA Service Catalog with other CA Technologies products.

CA Process Automation Action Disabled

If you are integrating CA Service Catalog with CA Process Automation, this section applies to your implementation. If you are not integrating CA Service Catalog with CA Process Automation, skip this section.

CA Process Automation actions for CA Service Catalog rules are enabled or disabled by default, as follows:

- The actions are disabled by default for CA Service Catalog upgrades
- The actions are enabled by default for new installations of CA Service Catalog

However, even for new installations, the CA Process Automation action is disabled by default for the rule named When Category is Software and Status is Pending Fulfillment. Therefore, to use this action, enable it manually. This requirement applies to both upgrades and new installations of CA Service Catalog.

Unable to Log in to CA EEM After Upgrade

After you upgrade CA EEM, you may be unable to log in to CA EEM. The cause is typically one or more duplicate entries in the file named `spin.conf`. This file is from Itechnology Igateway, which CA EEM uses.

As a solution, do the following:

1. Locate the `spin.conf` file in `%IGW_LOC%`, the Itechnology Igateway home directory.
2. Back up the `spin.conf` file.
3. Open the `spin.conf` file and find the following entry:

```
<Spindle Description="Embedded IAM Interface" Directory=""  
Prefix="/eiam" Spar="eiamSpindle.spar">eiamSpindle</Spindle>
```

The file must contain only one occurrence of this entry.

4. Search the file for any duplicate entries and delete them.
5. Save the file.

CA EEM Application Installation Fails

The CA EEM application installation may fail for one or more of the following reasons:

- The length of the application name is more than 25 characters
- The application name contains a double quote (“), comma (,), forward slash (/), back slash (\), number sign (#), ampersand (&), or plus sign (+)

In such cases, correct the error, and try again to install the CA EEM application.

Unable to Assign CA APM Models

If you are integrating CA Service Catalog with CA APM, this section applies to your implementation. If you are not integrating CA Service Catalog with CA APM, skip this section.

CA Service Catalog is unable to assign CA APM models on the Service Option Group page when the CA APM application and web servers reside on different computers.

In CA Service Catalog, specify the administration configuration settings for CA APM web services. Doing so is required when the CA APM application and web servers reside on different computers.

1. On the Administration tab of CA Service Catalog, click Configuration and scroll to the CA APM Web Services section.

The CA APM configuration options appear.

2. Click the Modify (Pencil) icon to next to each property that you want to update, using the following information:

Enable HTTPS

Specifies a web protocol, as follows:

Select No (the default) to use HTTP to communicate with CA APM.

Select Yes to use HTTPS to communicate with CA APM.

Important! If you select Yes, verify that CA APM is using HTTPS. If necessary, configure it to use HTTPS; for details, see the CA APM documentation.

Host Name

Specifies the computer name on which the CA APM application server is running.

Port Number

Specifies the port number on which CA APM is running.

3. Verify that you are finished updating configuration properties.
4. Recycle Service View.
5. Try again to assign CA APM models.
Doing so tests the connection between CA Service Catalog and the CA APM application server. The connection is tested, using the new values you specified.
6. If the attempt to assign the models fails, verify that you are using the correct values for the CA APM administration configuration options.

The CA APM configuration details are updated with the values that you specified.

Cannot Create Change Orders when Multi-Tenancy is On

If you are integrating CA Service Catalog with CA Service Desk Manager, this section applies to your implementation. If you are not integrating CA Service Catalog with CA Service Desk Manager, skip this section.

You may be unable use CA Service Catalog to create change orders in CA Service Desk Manager when you do the following:

- Configure CA Service Catalog and CA Service Desk Manager to use common multi-tenant administration
- Set the Multi-Tenancy option to On in CA Service Desk Manager

As a work-around, do the following: In CA Service Desk Manager, change the Multi-Tenancy option from On to either On (Warn) or On (Allow). This action helps you continue both to use common multi-tenant administration and to use CA Service Catalog to create CA Service Desk Manager change orders,

CA Workflow IDE Can Have Missing Fields, with JNLP on Macintosh

When you start the CA Workflow IDE using Java Network Launch Protocol (JNLP) on Macintosh, the action links and tabs can be missing. As a work-around, use the IDE from a Windows computer.

CA Workflow Inoperable on FIPS-enabled CA EEM

CA Workflow does not work with CA EEM when CA EEM uses FIPS.

As an alternative, consider using CA Process Automation instead of CA Workflow.

Installation, Upgrade, and Migration

The following known issues apply to installations, upgrades, and migrations.

Upgrade Can Require Several Hours for Oracle

If you are using Oracle, the upgrade can require several hours. For example, the upgrade can run as long as 4 hours for Service View and 5 hours for all CA Service Catalog components.

Restart Computer After Migration

After migrating to CA Service Catalog from an earlier release, restart your computer and verify that all installed CA Service Catalog services are started. The services are CA Service View, CA Service Fulfillment, and CA Service Accounting.

Note: For details about migrating, see the *Implementation Guide*.

Recreate Yearly Fiscal Periods After Migration

After migrating to CA Service Catalog from an earlier release, if you are using *yearly* fiscal periods, recreate them after migration. You do not need to recreate monthly fiscal periods after migration.

Note: For other known issues specifically for migration, see the migration information in the *Implementation Guide*.

Actions Disabled After Upgrade

If an action whose type is JAVA, Command Line, or HTTP Post has a status of Disabled before you upgrade CA Service Catalog, the type of the action changes to Unknown during the upgrade. If you enable the action after the upgrade, CA Service Catalog prompts you to re-specify the type.

For information about events, rules, and actions, see the *Administration Guide* and the *Integration Guide*.

Folders Remaining after Uninstallation

If CA Service Catalog has been installed on a non-default drive, such as the E: or F: drive, and you later uninstall CA Service Catalog, then some folders and files can remain. For example, the %USM_HOME%\catalog folder can remain after the uninstallation. Typically, the cause is that files in the %USM_HOME% folder were modified or new files were added. If any folders or files are left over after uninstallation, delete them manually.

Reporting

The following known issues apply to reporting.

Values Missing from Reports

This known issue applies *only* if you are integrating CA Service Catalog with CA Service Desk Manager and CA CMDB.

The predefined BusinessObjects Enterprise report named Requests _Change Orders_CI Association does not display any value for the following columns: CI Resource Name, CI Family Name, and CI Class Name.

Cannot Verify Digital Signature

When you load charts in the Report Builder or the CA Workflow IDE, you can receive an error message like the following:

The digital signature of the application could not be verified. Do you want to run the application?

This error occurs because Java Runtime Environment (JRE) is installed on the computer at a version lower than 1.6.022.

To prevent this error, upgrade the JRE to version 1.6.022 or higher.

Nvarchar Fields in Reports

On the CA Service Catalog GUI, you can create data objects for reports by selecting Administration, Report Builder, Data Objects. When you create reports, keep in mind that ODBC-type data objects do not retrieve nvarchar-type fields. To retrieve nvarchar fields in the objects in your reports, use JDBC as the database connection type.

Cannot Generate Offline Reports in PDF Format

You cannot generate offline reports in PDF format. Instead, generate them in CSV or HTML format.

Batch Printing Fails with Mozilla Firefox

In CA Service Accounting, batch printing can fail when you use the Mozilla Firefox web browser. As a work-around, try using Microsoft Internet Explorer for batch printing.

Request Processing

The following known issues apply to request processing.

Problems with Suspension of a Subscribed Service

If you suspend a subscribed service, the suspension works properly as long as the Period Start Date for the suspension remains set to the default value. However, the suspension fails if the value for the Period Start Date field is changed to a non-default value.

Fulfilled Requests that are Cancelled Can Become Stuck

When a request is cancelled after it has been fulfilled, its status can become stuck at Pending Cancellation and can fail to move to Cancelled. In such cases, ignore, override, or retry the request. The exact action you take depends on your standards procedures and your best judgment as an administrator. For details about ignoring, overriding, or retrying requests, see the *Administrator Guide*.

Retrying Failed Actions Does Not Work

When an action fails while a request is being processed, the request can become stuck. Stuck requests cannot move to the next state of the request lifecycle without manual intervention by you or another user. Stuck requests are marked with an alert status. By default, the alert is a yellow warning icon in the Status column of several request windows, including the Open Requests window.

If you are unable to retry the failed action successfully, override (push through) the alert to move the request to the next state. For details about overriding alerts, see the *Administrator Guide*.

Miscellaneous

The following known issues affect the use of CA Service Catalog for miscellaneous functions.

Prevent False Warning Message Related to Services Manager Role

Warning messages can appear if a user with the Services Manager role handles a requests pending action, for example, by approving and rejecting requests. In such cases, the approvals and rejections proceed successfully even though the warning messages can appear. To prevent such warning messages from appearing, administrators can do the following:

1. Log in to CA Service Catalog as a Service Delivery administrator or business unit administrator.
2. Change the default access rights of the Services Manager role for a specific business unit, as follows:
 - a. Log in to the business unit.
 - b. Select Service Builder, Configuration.
 - c. Add the Access Control: Add Request setting to this role.
 - d. Save your changes.

ActiveX Controls Do Not Run With Mozilla Firefox

In CA Service Catalog, objects that require Microsoft ActiveX controls do not appear when you use the Mozilla Firefox web browser. Examples include certain functions in the Dashboard Builder and the Report Builder. As a work-around, try using Microsoft Internet Explorer for actions that require ActiveX.

Do Not Move Tenants

Important! For best results, do *not* move CA Service Catalog tenants (business units).

This notice applies whether you are managing tenants directly in CA Service Catalog (stand-alone tenant administration) or indirectly through CA Service Desk Manager (common tenant administration). In either case, moving tenants can cause several problems in request management, user management, and other functions.

Note: For details about tenant administration, see the *Administration Guide*.

Numeric Fields on Localized Operating Systems

The numeric fields on localized operating systems support only single-byte numerals such as 1, 2, and 3 that are used on English-based operating systems.

Availability Status of Folders

In the Service Builder, after you make a folder or subfolder unavailable by changing its date available or date unavailable, click Refresh. This action helps ensure that the availability change is reflected when you display the contents of the folder or subfolder.

Hyperlinks to non-CA Web Sites May not Work

In the *Administration Guide* and other documents, some hyperlinks to non-CA Technologies web sites may not work properly. For example, after the *Administration Guide* was published, it was discovered that the guide has an out-of-date link to information about JavaScript axis clients on the Microsoft web site. In such cases, go to the home page of the web site and use the search or other navigation features to find the related information. For example, to find the previously mentioned information about JavaScript axis clients, go to the microsoft.com web site and search for that topic.

Help Contents Can Appear Instead of Specific Help Topic

When you click Help to display context-sensitive help for the active window, the help contents can appear instead of a specific help topic. In such cases, use the contents to navigate to the information you need.

System Alert Messages Always in English

System alert messages always appear in English, even when CA Service Catalog is installed on non-English operating systems. System alert messages appear for individual requests when you view their request details. An example is selecting Home, Requests.

Similarly, certain text strings in the GUI elements and published content of the Dashboard Builder of CA Service Catalog always appear in English. They appear in English even when CA Service Catalog is installed on non-English operating systems.

Cells Can Appear Large with Apple Safari

If you use the Apple Safari browser, the cells of service option elements can appear unusually large when you create or edit them. In such cases, the service option elements function correctly, even though their appearance can be distorted.

You can optionally use a different support browser, such as Mozilla Firefox or Microsoft Internet Explorer, to create and edit service option elements.

Decide How to Process Digits for Yen

In CA Service Accounting, two digits appear after the decimal point for all supported currency units, including the Japanese yen. Yen are processed in whole numbers only. Therefore, if your organization uses the yen, decide how to process the two digits after the decimal point. For example, you can decide to ignore them or round them up or down to the nearest whole number.

Appendix A: Third-Party Acknowledgments

This section contains the following topics:

[Dependencies on Third-Party Software](#) (see page 58)

[Apache License Version 2.0](#) (see page 60)

[Apache License Version 1.1](#) (see page 68)

[Apache CXF 2.2.8](#) (see page 72)

[Apache mod_jk 1.2.30](#) (see page 112)

[Apache Tomcat 5.5.29](#) (see page 120)

[Apache Xerces2-J 2.11.0](#) (see page 181)

[EclipseLink 2.1.2](#) (see page 196)

[jQuery 1.6.3](#) (see page 227)

[Java Persistence API v.1](#) (see page 228)

[Java Service Wrapper \(JSW\) Standard 3.5.6](#) (see page 229)

[JAXB](#) (see page 231)

[Mozilla Rhino 1.5R4.1](#) (see page 241)

[Open Message Queue 4.1](#) (see page 257)

[Oracle 11G JDBC Driver](#) (see page 257)

[Saxon 8.5.3](#) (see page 257)

[SLF4J](#) (see page 258)

[SourceForge Dom4j 1.6.1](#) (see page 260)

[SourceForge ANT-CONTRIB v.1.0b3](#) (see page 262)

[JRE 1.6.0_22](#) (see page 265)

[Unzip 5.42](#) (see page 266)

Dependencies on Third-Party Software

CA Service Catalog has dependencies on third-party software products. Before using CA Service Catalog, you must accept all license agreements. CA Service Catalog installs and uses the following third-party software:

- [Apache software--Version 2.0 License](#) (see page 60)
- [Apache software--Version 1.1 License](#) (see page 68)
- [Apache CXF 2.2.8](#) (see page 72)
- Apache Jakarta Commons DBCP 1.4
- [Apache mod_jk 1.2.30](#) (see page 112)
- [Apache Tomcat 5.5.29](#) (see page 120)
- [Apache Xerces2-J 2.11.0](#) (see page 181)
- [EclipseLink 2.1.2](#) (see page 196)
- Ext GWT 2.0
- IBM WSDL4J 1.6.2
- Info-Zip 5.42
- Java Persistence API v.1
- [JAXB](#) (see page 231)
- Java Service Wrapper (JSW) 3.5.6
- Java Mail 1.3.3
- Java Persistence API 1.0
- Java Runtime Environment version 1.6.0_22
- jQuery 1.6.3
- Mozilla Rhino 1.5R4.1
- OpenVizViewer 2.4.1
- Open Message Queue version 4.1
- Oracle 11G JDBC Driver
- Oswego Concurrent Utilities 1.3.4

- RSA BSAFE Crypto-J jsafejcefips 3.6
- [SLF4J](#) (see page 258)
- SourceForge,Ant-Contrib 1.0b3
- SourceForge Dom4j 1.6.1
- SourceForge Ehcache 1.6
- SpringSource Spring Framework 2.5.6
- SQL Server 2005 JDBC Driver 2.0

Apache License Version 2.0

The Apache Version 2.0 license agreement in this topic pertains to the use of the following software:

- Apache Ant 1.7
- Apache Axis 1.2.1
- Apache Commons Codec 1.3
- Apache Commons Collection 3.2.1
- Apache Commons DbcP 1.2.2
- Apache Commons Discovery 0.2
- Apache Commons FileUpload 1.2
- Apache FOP 0.20.5
- Apache Common HttpClient 3.0.1
- Apache Commons IO 1.3.1
- Apache Commons Logging 1.1.1
- Apache Commons Pool 1.5.5

This product includes Apache Commons Pool 1.5.5 which is distributed in accordance with the following license agreement: (the Apache License Version 2.0 agreement)

- Apache ehcache 1.6
- Apache FOP 0.20.5
- Apache HTTP Web Server 2.2.16
- Apache JSP Standard Tag Library (JSTL) 1.0.6
- Apache Jakarta Commons DBCP 1.4

This product includes Apache Jakarta Commons DBCP 1.4 which is distributed in accordance with the following license agreement: (the Apache License Version 2.0 agreement)

- Apache Log4j 1.2.16

This product includes Apache Log4J 1.2.16 which is distributed in accordance with the following license agreement: (the Apache License Version 2.0 agreement)

- Apache OpenViz 2.4.1
- Apache Struts 1.2.4
- Apache Xalan 2.7.1
- [Apache Xerces2-J 2.11.0](#) (see page 181)
- Google Web Toolkit 2.1.1

This product includes gwt 2.1.1, which is distributed in accordance with the following license agreement: (the Apache License Version 2.0 agreement)

- SpringSource SpringFramework v.3.0.5

This product includes SpringSource SpringFramework v.3.0.5, which is distributed in accordance with the following license agreement: (the Apache License Version 2.0 agreement)

Portions of this product include software developed by The Apache Software Foundation (<http://www.apache.org/>). The Apache software is distributed in accordance with the following license agreement.

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

Terms And Conditions For Use, Reproduction, And Distribution

Definitions

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that you changed the files; and

You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not constitute the License. You may add your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add your own copyright statement to your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

Submission of Contributions. Unless you explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by you to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with your exercise of permissions under this License.

Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, you may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
express or implied.

See the License for the specific language governing permissions
and
limitations under the License.

Apache License Version 1.1

The Apache Version 1.1 license agreement pertains to the use of the following software:: Apache ORO 2.0.8.

This product includes software developed by the Apache Software Foundation (<http://www.apache.org/>). ORO 2.0.8 is distributed in accordance with the following terms and conditions:

```
/*
=====
=====

* The Apache Software License, Version 1.1

*

* Copyright (c) 2000-2002 The Apache Software Foundation. All
rights
* reserved.

*

* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:

*

* 1. Redistributions of source code must retain the above copyright
* notice, this list of conditions and the following disclaimer.

*

* 2. Redistributions in binary form must reproduce the above
copyright
```

- * notice, this list of conditions and the following disclaimer in
- * the documentation and/or other materials provided with the
- * distribution.
- *
- * 3. The end-user documentation included with the redistribution,
- * if any, must include the following acknowledgment:
- * "This product includes software developed by the
- * Apache Software Foundation (<http://www.apache.org/>)."
- * Alternately, this acknowledgment may appear in the software
- itself,
- * if and wherever such third-party acknowledgments normally
- appear.
- *
- * 4. The names "Apache" and "Apache Software Foundation",
- "Jakarta-Oro"
- * must not be used to endorse or promote products derived
- from this
- * software without prior written permission. For written
- * permission, please contact apache@apache.org.
- *
- * 5. Products derived from this software may not be called "Apache"
- * or "Jakarta-Oro", nor may "Apache" or "Jakarta-Oro" appear in
- their

- * name, without prior written permission of the Apache Software Foundation.
- *
* THIS SOFTWARE IS PROVIDED ``AS IS" AND ANY EXPRESSED OR IMPLIED
* WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
* DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR
* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
* LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF
* USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND
* ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
* OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT
* OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.

*

=====
=====

*

* This software consists of voluntary contributions made by many
* individuals on behalf of the Apache Software Foundation. For
* more

* information on the Apache Software Foundation, please see

* .

*/

Apache CXF 2.2.8

This product contains Apache CXF v.2.2.8 as well as the Apache CXF v.2.2.8 subcomponents set forth below. Apache CXF v.2.2.8 and such subcomponents are distributed in accordance with the following terms:

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,

and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by

the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common

control with that entity. For the purposes of this definition,

"control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or

otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,

including but not limited to software source code, documentation

source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation,

and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or

Object form, made available under the License, as indicated by a

copyright notice that is included in or attached to the work

(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object

form, that is based on (or derived from) the Work and for which the

editorial revisions, annotations, elaborations, or other modifications

represent, as a whole, an original work of authorship. For the purposes

of this License, Derivative Works shall not include works that remain

separable from, or merely link (or bind by name) to the interfaces of,

the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including

the original version of the Work and any modifications or additions

to that Work or Derivative Works thereof, that is intentionally

submitted to Licensor for inclusion in the Work by the copyright owner

or by an individual or Legal Entity authorized to submit on behalf of

the copyright owner. For the purposes of this definition, "submitted"

means any form of electronic, verbal, or written communication sent

to the Licensor or its representatives, including but not limited to

communication on electronic mailing lists, source code control systems,

and issue tracking systems that are managed by, or on behalf of, the

Licensors for the purpose of discussing and improving the Work,
but

excluding communication that is conspicuously marked or
otherwise

designated in writing by the copyright owner as "Not a
Contribution."

"Contributor" shall mean Licensor and any individual or Legal
Entity

on behalf of whom a Contribution has been received by
Licensor and

subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions
of

this License, each Contributor hereby grants to You a
perpetual,

worldwide, non-exclusive, no-charge, royalty-free, irrevocable

copyright license to reproduce, prepare Derivative Works of,

publicly display, publicly perform, sublicense, and distribute
the

Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of

this License, each Contributor hereby grants to You a
perpetual,

worldwide, non-exclusive, no-charge, royalty-free, irrevocable

(except as stated in this section) patent license to make, have
made,

use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims
licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their
Contribution(s)
with the Work to which such Contribution(s) was submitted. If
You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes
direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or
without
modifications, and in Source or Object form, provided that You
meet the following conditions:

- (a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent
notices

stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works

that You distribute, all copyright, patent, trademark, and

attribution notices from the Source form of the Work,

excluding those notices that do not pertain to any part of

the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its

distribution, then any Derivative Works that You
distribute must

include a readable copy of the attribution notices
contained

within such NOTICE file, excluding those notices that do
not

pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file
distributed

as part of the Derivative Works; within the Source form or
documentation, if provided along with the Derivative
Works; or,

within a display generated by the Derivative Works, if and
wherever such third-party notices normally appear. The
contents

of the NOTICE file are for informational purposes only and
do not modify the License. You may add Your own
attribution

notices within Derivative Works that You distribute,
alongside
or as an addendum to the NOTICE text from the Work,
provided
that such additional attribution notices cannot be
construed
as modifying the License.

You may add Your own copyright statement to Your
modifications and
may provide additional or different license terms and
conditions
for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies
with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state
otherwise,

any Contribution intentionally submitted for inclusion in the
Work
by You to the Licensor shall be under the terms and conditions
of
this License, without any additional terms or conditions.

Notwithstanding the above, nothing herein shall supersede or
modify

the terms of any separate license agreement you may have
executed

with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade

names, trademarks, service marks, or product names of the Licensor,

except as required for reasonable and customary use in describing the

origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or

agreed to in writing, Licensor provides the Work (and each

Contributor provides its Contributions) on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or

implied, including, without limitation, any warranties or conditions

of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A

PARTICULAR PURPOSE. You are solely responsible for determining the

appropriateness of using or redistributing the Work and assume any

risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,

whether in tort (including negligence), contract, or otherwise,

unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability

incurred by, or claims asserted against, such Contributor by reason

of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");

you may not use this file except in compliance with the License.

You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software

distributed under the License is distributed on an "AS IS" BASIS,

WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

Apache CXF includes a number of components and libraries with separate

copyright notices and license terms. Your use of those components are subject to the terms and conditions of the following licenses.

AntLR Parser Generator (<http://wwwantlr.org/>) antlr:antlr:jar:2.7.7

License: BSD License (<http://www.antlr.org/license.html>)

AOP alliance (<http://aopalliance.sourceforge.net>) aopalliance:aopalliance:jar:1.0

License: Public Domain

ASM (<http://asm.objectweb.org/asm/asm>) asm:asm:jar:2.2.3:compile

License: BSD (<http://asm.ow2.org/license.html>)

Sun JAXB Reference Implementation Runtime com.sun.xml.bind:jaxb-impl:jar:2.1.12:compile

License: COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL) Version 1.0 (<http://www.sun.com/cddl/cddl.html>)

Sun JAXB Reference Implementation Tools com.sun.xml.bind:jaxb-xjc:jar:2.1.12:compile

License: COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL) Version 1.0 (<http://www.sun.com/cddl/cddl.html>)

Sun SAAJ Reference Implementation com.sun.xml.messaging.saaj:saaj-impl:jar:1.3.2:compile

License: COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL) Version 1.0 (<http://www.sun.com/cddl/cddl.html>)

JSR 311 API (<https://jsr311.dev.java.net/>)
javax.ws.rs:jsr311-api:jar:1.0:compile

License: COMMON DEVELOPMENT AND DISTRIBUTION LICENSE
(CDDL) Version 1.0 (<http://www.sun.com/cddl/cddl.html>)

Java Architecture for XML Binding (JAXB API)
javax.xml.bind:jaxb-api:jar:2.1:compile

License: COMMON DEVELOPMENT AND DISTRIBUTION LICENSE
(CDDL) Version 1.0 (<http://www.sun.com/cddl/cddl.html>)

Sun SAAJ API
(<http://java.sun.com/webservices/saaj/index.jsp/saaj-api>)
javax.xml.soap:saaj-api:jar:1.3:compile

License: COMMON DEVELOPMENT AND DISTRIBUTION LICENSE
(CDDL) Version 1.0 (<http://www.sun.com/cddl/cddl.html>)

Jaxen (<http://jaxen.codehaus.org/jaxen>) jaxen:jaxen:jar:1.1:compile

License: BSD (<http://jaxen.codehaus.org/license.html>)

Bouncy Castle Provider (<http://www.bouncycastle.org/java.html>)
org.bouncycastle:bcprov-jdk15:jar:1.43

License: Bouncy Castle Licence
(<http://www.bouncycastle.org/licence.html>)

Jetty Server
(<http://www.eclipse.org/jetty/jetty-parent/project/modules/jetty>)
org.mortbay.jetty:jetty:jar:6.1.21

License: Apache Software License - Version 2.0
(<http://www.apache.org/licenses/LICENSE-2.0>)

Jetty Server
(<http://www.eclipse.org/jetty/jetty-parent/project/modules/jetty>)
org.mortbay.jetty:jetty:jar:6.1.21

License: Eclipse Public License - Version 1.0
(<http://www.eclipse.org/org/documents/epl-v10.php>)

Jetty Utilities

(<http://www.eclipse.org/jetty/jetty-parent/project/jetty-util>)
org.mortbay.jetty:jetty-util:jar:6.1.21

License: Apache Software License - Version 2.0
(<http://www.apache.org/licenses/LICENSE-2.0>)

Jetty Utilities

(<http://www.eclipse.org/jetty/jetty-parent/project/jetty-util>)
org.mortbay.jetty:jetty-util:jar:6.1.21

License: Eclipse Public License - Version 1.0
(<http://www.eclipse.org/org/documents/epl-v10.php>)

Simple Logging Facade for Java - API (<http://www.slf4j.org/slf4j-api>)
org.slf4j:slf4j-api:jar:1.5.8:compile

License: MIT License (<http://www.slf4j.org/license.html>)

Simple Logging Facade for Java - JDK Logging

(<http://www.slf4j.org/slf4j-jdk14>) org.slf4j:slf4j-jdk14:jar:1.5.8:compile

License: MIT License (<http://www.slf4j.org/license.html>)

Rhino (<http://www.mozilla.org/rhino/>) rhino:js:jar:1.7R1

License: Mozilla Public License version 1.1
(<http://www.mozilla.org/MPL/MPL-1.1.html>)

WSDL4J (<http://sf.net/projects/wsdl4j>) wsdl4j:wsdl4j:jar:1.6.2

License: CPL (<http://www.opensource.org/licenses/cpl1.0.txt>)

Sun JAXB Reference Implementation Runtime

com.sun.xml.bind:jaxb-impl:jar:2.1.12

Sun JAXB Reference Implementation Tools

com.sun.xml.bind:jaxb-xjc:jar:2.1.12

Sun SAAJ Reference Implementation

com.sun.xml.messaging.saaj:saaj-impl:jar:1.3.2

JSR 311 API (<https://jsr311.dev.java.net/>) javax.ws.rs:jsr311-api:jar:1.0

Java Architecture for XML Binding (JAXB API)
javax.xml.bind:jaxb-api:jar:2.1

Sun SAAJ API
(<http://java.sun.com/webservices/saaj/index.jsp/saaj-api>)
javax.xml.soap:saaj-

api:jar:1.3:

This product contains
com.sun.xml.bind:jaxb-impl:jar:2.1.12,jaxb-xjc:jar:2.1.12,saaj-impl:jar:
1.3.2,jsr311-api:jar:1.0,jaxb-api:jar:2.1

saaj-api:jar:1.3 . The CDDL Subcomponents were obtained under
the CDDL v.1.0 license, the

terms and conditions of which are set forth below. The CDDL
Subcomponents are distributed by

CA for use with this CA product in unmodified, object code form,
under the CA End User

License Agreement. Any provisions in the CA End User License
Agreement that differ from the

CDDL are offered by CA alone and not by any other party. CA makes
the source code for the

CDDL Subcomponents available at
http://opencsd.ca.com/ips/06984_14/ under the terms of the

CDDL v.1.0. license:

COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL)

Version 1.0

1. Definitions.

1.1. “Contributor” means each individual or entity that creates or contributes to the

creation of Modifications.

1.2. “Contributor Version” means the combination of the Original Software, prior

Modifications used by a Contributor (if any), and the Modifications made by that particular

Contributor.

1.3. “Covered Software” means (a) the Original Software, or (b) Modifications, or (c) the

combination of files containing Original Software with files containing Modifications, in

each case including portions thereof.

1.4. “Executable” means the Covered Software in any form other than Source Code.

1.5. “Initial Developer” means the individual or entity that first makes Original Software

available under this License.

1.6. “Larger Work” means a work which combines Covered Software or portions thereof with

code not governed by the terms of this License.

1.7. “License” means this document.

1.8. “Licensable” means having the right to grant, to the maximum extent possible, whether

at the time of the initial grant or subsequently acquired, any and all of the rights

conveyed herein.

1.9. “Modifications” means the Source Code and Executable form of any of the following:

A. Any file that results from an addition to, deletion from or modification of the contents

of a file containing Original Software or previous Modifications;

B. Any new file that contains any part of the Original Software or previous Modification; or

C. Any new file that is contributed or otherwise made available under the terms of this

License.

1.10. “Original Software” means the Source Code and Executable form of computer software

code that is originally released under this License.

1.11. “Patent Claims” means any patent claim(s), now owned or hereafter acquired, including

without limitation, method, process, and apparatus claims, in any patent Licensable by

grantor.

1.12. “Source Code” means (a) the common form of computer software code in which

modifications are made and (b) associated documentation included in or with such code.

1.13. “You” (or “Your”) means an individual or a legal entity exercising rights under, and

complying with all of the terms of, this License. For legal entities, “You” includes any

entity which controls, is controlled by, or is under common control with You. For purposes

of this definition, "control" means (a) the power, direct or indirect, to cause the

direction or management of such entity, whether by contract or otherwise, or (b) ownership

of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such

entity.

2. License Grants.

2.1. The Initial Developer Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party

intellectual property claims, the Initial Developer hereby grants You a world-wide, royalty

-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by

Initial Developer, to use, reproduce, modify, display, perform, sublicense and distribute

the Original Software (or portions thereof), with or without Modifications, and/or as part

of a Larger Work; and

(b) under Patent Claims infringed by the making, using or selling of Original Software, to

make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the

Original Software (or portions thereof).

(c) The licenses granted in Sections 2.1(a) and (b) are effective on the date Initial

Developer first distributes or otherwise makes the Original Software available to a third

party under the terms of this License.

(d) Notwithstanding Section 2.1(b) above, no patent license is granted: (1) for code that

You delete from the Original Software, or (2) for infringements caused by: (i) the

modification of the Original Software, or (ii) the combination of the Original Software with

other software or devices.

2.2. Contributor Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party

intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free,

non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by

Contributor to use, reproduce, modify, display, perform, sublicense and distribute the

Modifications created by such Contributor (or portions thereof), either on an unmodified

basis, with other Modifications, as Covered Software and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using, or selling of Modifications made by

that Contributor either alone and/or in combination with its Contributor Version (or

portions of such combination), to make, use, sell, offer for sale, have made, and/or

otherwise dispose of: (1) Modifications made by that Contributor (or portions thereof); and

(2) the combination of Modifications made by that Contributor with its Contributor Version

(or portions of such combination).

(c) The licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor

first distributes or otherwise makes the Modifications available to a third party.

(d) Notwithstanding Section 2.2(b) above, no patent license is granted: (1) for any code

that Contributor has deleted from the Contributor Version; (2) for infringements caused by:

(i) third party modifications of Contributor Version, or (ii) the combination of

Modifications made by that Contributor with other software (except as part of the

Contributor Version) or other devices; or (3) under Patent Claims infringed by Covered

Software in the absence of Modifications made by that Contributor.

3. Distribution Obligations.

3.1. Availability of Source Code.

Any Covered Software that You distribute or otherwise make available in Executable form must

also be made available in Source Code form and that Source Code form must be distributed

only under the terms of this License. You must include a copy of this License with every

copy of the Source Code form of the Covered Software You distribute or otherwise make

available. You must inform recipients of any such Covered Software in Executable form as to

how they can obtain such Covered Software in Source Code form in a reasonable manner on or

through a medium customarily used for software exchange.

3.2. Modifications.

The Modifications that You create or to which You contribute are governed by the terms of

this License. You represent that You believe Your Modifications are Your original creation

(s) and/or You have sufficient rights to grant the rights conveyed by this License.

3.3. Required Notices.

You must include a notice in each of Your Modifications that identifies You as the

Contributor of the Modification. You may not remove or alter any copyright, patent or

trademark notices contained within the Covered Software, or any notices of licensing or any

descriptive text giving attribution to any Contributor or the Initial Developer.

3.4. Application of Additional Terms.

You may not offer or impose any terms on any Covered Software in Source Code form that

alters or restricts the applicable version of this License or the recipients' rights

hereunder. You may choose to offer, and to charge a fee for, warranty, support, indemnity or

liability obligations to one or more recipients of Covered Software. However, you may do so

only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You

must make it absolutely clear that any such warranty, support, indemnity or liability

obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer

and every Contributor for any liability incurred by the Initial Developer or such

Contributor as a result of warranty, support, indemnity or liability terms You offer.

3.5. Distribution of Executable Versions.

You may distribute the Executable form of the Covered Software under the terms of this

License or under the terms of a license of Your choice, which may contain terms different

from this License, provided that You are in compliance with the terms of this License and

that the license for the Executable form does not attempt to limit or alter the recipient's

rights in the Source Code form from the rights set forth in this License. If You distribute

the Covered Software in Executable form under a different license, You must make it

absolutely clear that any terms which differ from this License are offered by You alone, not

by the Initial Developer or Contributor. You hereby agree to indemnify the Initial Developer

and every Contributor for any liability incurred by the Initial Developer or such

Contributor as a result of any such terms You offer.

3.6. Larger Works.

You may create a Larger Work by combining Covered Software with other code not governed by

the terms of this License and distribute the Larger Work as a single product. In such a

case, You must make sure the requirements of this License are fulfilled for the Covered

Software.

4. Versions of the License.

4.1. New Versions.

Sun Microsystems, Inc. is the initial license steward and may publish revised and/or new

versions of this License from time to time. Each version will be given a distinguishing

version number. Except as provided in Section 4.3, no one other than the license steward has

the right to modify this License.

4.2. Effect of New Versions.

You may always continue to use, distribute or otherwise make the Covered Software available

under the terms of the version of the License under which You originally received the

Covered Software. If the Initial Developer includes a notice in the Original Software

prohibiting it from being distributed or otherwise made available under any subsequent

version of the License, You must distribute and make the Covered Software available under

the terms of the version of the License under which You originally received the Covered

Software. Otherwise, You may also choose to use, distribute or otherwise make the Covered

Software available under the terms of any subsequent version of the License published by the

license steward.

4.3. Modified Versions.

When You are an Initial Developer and You want to create a new license for Your Original

Software, You may create and use a modified version of this License if
You: (a) rename the

license and remove any references to the name of the license steward
(except to note that

the license differs from this License); and (b) otherwise make it clear
that the license

contains terms which differ from this License.

5. DISCLAIMER OF WARRANTY.

COVERED SOFTWARE IS PROVIDED UNDER THIS LICENSE ON AN “AS
IS” BASIS, WITHOUT WARRANTY OF ANY

KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT
LIMITATION, WARRANTIES THAT THE

COVERED SOFTWARE IS FREE OF DEFECTS, MERCHANTABILITY, FIT FOR A
PARTICULAR PURPOSE OR NON-

INFRINGEMENT. THE ENTIRE RISK AS TO THE QUALITY AND
PERFORMANCE OF THE COVERED SOFTWARE IS

WITH YOU. SHOULD ANY COVERED SOFTWARE PROVE DEFECTIVE IN
ANY RESPECT, YOU (NOT THE INITIAL

DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF
ANY NECESSARY SERVICING, REPAIR OR

CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN
ESSENTIAL PART OF THIS LICENSE. NO

USE OF ANY COVERED SOFTWARE IS AUTHORIZED HEREUNDER
EXCEPT UNDER THIS DISCLAIMER.

6. TERMINATION.

6.1. This License and the rights granted hereunder will terminate
automatically if You fail

to comply with terms herein and fail to cure such breach within 30 days of becoming aware of

the breach. Provisions which, by their nature, must remain in effect beyond the termination

of this License shall survive.

6.2. If You assert a patent infringement claim (excluding declaratory judgment actions)

against Initial Developer or a Contributor (the Initial Developer or Contributor against

whom You assert such claim is referred to as "Participant") alleging that the Participant

Software (meaning the Contributor Version where the Participant is a Contributor or the

Original Software where the Participant is the Initial Developer) directly or indirectly

infringes any patent, then any and all rights granted directly or indirectly to You by such

Participant, the Initial Developer (if the Initial Developer is not the Participant) and all

Contributors under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from

Participant terminate prospectively and automatically at the expiration of such 60 day

notice period, unless if within such 60 day period You withdraw Your claim with respect to

the Participant Software against such Participant either unilaterally or pursuant to a

written agreement with Participant.

6.3. In the event of termination under Sections 6.1 or 6.2 above, all end user licenses that

have been validly granted by You or any distributor hereunder prior to termination

(excluding licenses granted to You by any distributor) shall survive termination.

7. LIMITATION OF LIABILITY.

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE),

CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY

DISTRIBUTOR OF COVERED SOFTWARE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY

PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER

INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOST PROFITS, LOSS OF GOODWILL, WORK STOPPAGE,

COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF

SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF

LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH

PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME

JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL

DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

8. U.S. GOVERNMENT END USERS.

The Covered Software is a “commercial item,” as that term is defined in 48 C.F.R. 2.101

(Oct. 1995), consisting of “commercial computer software” (as that term is defined at 48

C.F.R. § 252.227-7014(a)(1)) and “commercial computer software documentation” as such terms

are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R.

227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered

Software with only those rights set forth herein. This U.S. Government Rights clause is in

lieu of, and supersedes, any other FAR, DFAR, or other clause or provision that addresses

Government rights in computer software under this License.

9. MISCELLANEOUS.

This License represents the complete agreement concerning subject matter hereof. If any

provision of this License is held to be unenforceable, such provision shall be reformed only

to the extent necessary to make it enforceable. This License shall be governed by the law of

the jurisdiction specified in a notice contained within the Original Software (except to the

extent applicable law, if any, provides otherwise), excluding such jurisdiction's conflict-

of-law provisions. Any litigation relating to this License shall be subject to the

jurisdiction of the courts located in the jurisdiction and venue specified in a notice

contained within the Original Software, with the losing party responsible for costs,

including, without limitation, court costs and reasonable attorneys' fees and expenses. The

application of the United Nations Convention on Contracts for the International Sale of

Goods is expressly excluded. Any law or regulation which provides that the language of a

contract shall be construed against the drafter shall not apply to this License. You agree

that You alone are responsible for compliance with the United States export administration

regulations (and the export control laws and regulation of any other countries) when You

use, distribute or otherwise make available any Covered Software.

10. RESPONSIBILITY FOR CLAIMS.

As between Initial Developer and the Contributors, each party is responsible for claims and

damages arising, directly or indirectly, out of its utilization of rights under this License

and You agree to work with Initial Developer and Contributors to distribute such

responsibility on an equitable basis. Nothing herein is intended or shall be deemed to

constitute any admission of liability.

WSDL4J :1.6.2

This product contains WSDL4J :1.6.2. The CPL Subcomponents were was obtained under the CPL v.1.0 license, the

terms and conditions of which are set forth below. The CPL Subcomponents are distributed by

CA for use with this CA product in unmodified, object code form, under the CA End User

License Agreement. Any provisions in the CA End User License Agreement that differ from the

CPL are offered by CA alone and not by any other party. CA makes the source code for the CPL

Subcomponents available at http://opensrcd.ca.com/ips/06984_14/ under the terms of the CPL

v.1.0. license:

Common Public License Version 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS COMMON PUBLIC

LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM

CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial code and

documentation distributed under this Agreement, and

b) in the case of each subsequent Contributor:

i) changes to the Program, and

ii) additions to the Program;

where such changes and/or additions to the Program originate from and are

distributed by that particular Contributor. A Contribution 'originates' from a

Contributor if it was added to the Program by such Contributor itself or anyone

acting on such Contributor's behalf. Contributions do not include additions to

the Program which: (i) are separate modules of software distributed in

conjunction with the Program under their own license agreement, and (ii) are not

derivative works of the Program.

"Contributor" means any person or entity that distributes the Program.

"Licensed Patents " mean patent claims licensable by a Contributor which are

necessarily infringed by the use or sale of its Contribution alone or when

combined with the Program.

"Program" means the Contributions distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement,

including all Contributors.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants

Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform,

distribute and sublicense the Contribution of such Contributor, if any, and such

derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants

Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed

Patents to make, use, sell, offer to sell, import and otherwise transfer the

Contribution of such Contributor, if any, in source code and object code form.

This patent license shall apply to the combination of the Contribution and the

Program if, at the time the Contribution is added by the Contributor, such

addition of the Contribution causes such combination to be covered by the

Licensed Patents. The patent license shall not apply to any other combinations

which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses

to its Contributions set forth herein, no assurances are provided by any

Contributor that the Program does not infringe the patent or other intellectual

property rights of any other entity. Each Contributor disclaims any liability to

Recipient for claims brought by any other entity based on infringement of

intellectual property rights or otherwise. As a condition to exercising the

rights and licenses granted hereunder, each Recipient hereby assumes sole

responsibility to secure any other intellectual property rights needed, if any.

For example, if a third party patent license is required to allow Recipient to

distribute the Program, it is Recipient's responsibility to acquire that license

before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient

copyright rights in its Contribution, if any, to grant the copyright license set

forth in this Agreement.

3. REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its

own license agreement, provided that:

a) it complies with the terms and conditions of this Agreement; and

b) its license agreement:

i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and

non-infringement, and implied warranties or conditions of merchantability and

fitness for a particular purpose;

ii) effectively excludes on behalf of all Contributors all liability for

damages, including direct, indirect, special, incidental and consequential

damages, such as lost profits;

iii) states that any provisions which differ from this Agreement are offered

by that Contributor alone and not by any other party; and

iv) states that source code for the Program is available from such

Contributor, and informs licensees how to obtain it in a reasonable manner on or

through a medium customarily used for software exchange.

When the Program is made available in source code form:

- a) it must be made available under this Agreement; and
- b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if

any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with

respect to end users, business partners and the like. While this license is

intended to facilitate the commercial use of the Program, the Contributor who

includes the Program in a commercial product offering should do so in a manner

which does not create potential liability for other Contributors. Therefore, if

a Contributor includes the Program in a commercial product offering, such

Contributor ("Commercial Contributor") hereby agrees to defend and indemnify

every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that

Commercial Contributor then makes performance claims, or offers warranties

related to Product X, those performance claims and warranties are such

Commercial Contributor's responsibility alone. Under this section, the

Commercial Contributor would have to defend claims against the other

Contributors related to those performance claims and warranties, and if a court

requires any other Contributor to pay any damages as a result, the Commercial

Contributor must pay those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN

"AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR

IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE,

NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each

Recipient is solely responsible for determining the appropriateness of using and

distributing the Program and assumes all risks associated with its exercise of

rights under this Agreement, including but not limited to the risks and costs of

program errors, compliance with applicable laws, damage to or loss of data,

programs or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY

CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL,

SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST

PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,

STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY

OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS

GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable

law, it shall not affect the validity or enforceability of the remainder of the

terms of this Agreement, and without further action by the parties hereto, such

provision shall be reformed to the minimum extent necessary to make such

provision valid and enforceable.

If Recipient institutes patent litigation against a Contributor with respect to

a patent applicable to software (including a cross-claim or counterclaim in a

lawsuit), then any patent licenses granted by that Contributor to such Recipient

under this Agreement shall terminate as of the date such litigation is filed. In

addition, if Recipient institutes patent litigation against any entity

(including a cross-claim or counterclaim in a lawsuit) alleging that the Program

itself (excluding combinations of the Program with other software or hardware)

infringes such Recipient's patent(s), then such Recipient's rights granted under

Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to

comply with any of the material terms or conditions of this Agreement and does

not cure such failure in a reasonable period of time after becoming aware of

such noncompliance. If all Recipient's rights under this Agreement terminate,

Recipient agrees to cease use and distribution of the Program as soon as

reasonably practicable. However, Recipient's obligations under this Agreement

and any licenses granted by Recipient relating to the Program shall continue and

survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in

order to avoid inconsistency the Agreement is copyrighted and may only be

modified in the following manner. The Agreement Steward reserves the right to

publish new versions (including revisions) of this Agreement from time to time.

No one other than the Agreement Steward has the right to modify this Agreement.

IBM is the initial Agreement Steward. IBM may assign the responsibility to serve

as the Agreement Steward to a suitable separate entity. Each new version of the

Agreement will be given a distinguishing version number. The Program (including

Contributions) may always be distributed subject to the version of the Agreement

under which it was received. In addition, after a new version of the Agreement

is published, Contributor may elect to distribute the Program (including its

Contributions) under the new version. Except as expressly stated in Sections

2(a) and 2(b) above, Recipient receives no rights or licenses to the

intellectual property of any Contributor under this Agreement, whether

expressly, by implication, estoppel or otherwise. All rights in the Program not

expressly granted under this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the

intellectual property laws of the United States of America. No party to this

Agreement will bring a legal action under this Agreement more than one year

after the cause of action arose. Each party waives its rights to a jury trial in

any resulting litigation.

Apache mod_jk 1.2.30

This product includes mod_jk 1.2.30, which is distributed in accordance with the following license agreement:

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

Terms And Conditions For Use, Reproduction, And Distribution

Definitions

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that you changed the files; and

You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not the License. You may add your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add your own copyright statement to your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

Submission of Contributions. Unless you explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by you to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with your exercise of permissions under this License.

Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, you may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

How to Apply the Apache License to Your Work

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <http://www.apache.org/licenses/LICENSE-2.0>.

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

TOMCAT CONNECTORS SUBCOMPONENTS:

The Tomcat Connectors includes a number of subcomponents with separate copyright notices and license terms. Your use of the source code for the these subcomponents is subject to the terms and conditions of the following licenses.

From native/common/ap_snprintf.c:

- *
 - * cvt - IEEE floating point formatting routines.
 - * Derived from UNIX V7, Copyright(C) Caldera International Inc.

*

Copyright(C) Caldera International Inc. 2001-2002. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are

met:

Redistributions of source code and documentation must retain the above

copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

All advertising materials mentioning features or use of this software must display the following acknowledgement:

This product includes software developed or owned by Caldera

International, Inc.

Neither the name of Caldera International, Inc. nor the names of other

contributors may be used to endorse or promote products derived from

this software without specific prior written permission.

USE OF THE SOFTWARE PROVIDED FOR UNDER THIS LICENSE BY
CALDERA

INTERNATIONAL, INC. AND CONTRIBUTORS ``AS IS" AND ANY
EXPRESS OR IMPLIED

WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF

MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN

NO EVENT SHALL CALDERA INTERNATIONAL, INC. BE LIABLE FOR
ANY DIRECT,

INDIRECT INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES

(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR

SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION)

HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER
IN CONTRACT,

STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR
OTHERWISE) ARISING IN

ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
OF THE

POSSIBILITY OF SUCH DAMAGE.

Apache Tomcat 5.5.29

This product contains Apache Tomcat v.5.5.29 as well as the Apache Tomcat v.5.5.29 subcomponents set forth below. Apache Tomcat v.5.5.29 and such subcomponents are distributed in accordance with the following terms:

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

Terms And Conditions For Use, Reproduction, And Distribution

Definitions

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that you changed the files; and

You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not the License. You may add your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add your own copyright statement to your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

Submission of Contributions. Unless you explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by you to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with your exercise of permissions under this License.

Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, you may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

How to Apply the Apache License to Your Work

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at <http://www.apache.org/licenses/LICENSE-2.0>.

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

APACHE TOMCAT SUBCOMPONENTS:

Apache Tomcat includes a number of subcomponents with separate copyright notices

and license terms. Your use of the source code for the these subcomponents is

subject to the terms and conditions of the following licenses.

For the jmx.jar component:

```
/*  
=====
```

```
=====
```

* The MX4J License, Version 1.0

*

* Copyright (c) 2001 MX4J. All rights reserved.

*

* Redistribution and use in source and binary forms, with or without

* modification, are permitted provided that the following conditions

* are met:

*

* 1. Redistributions of source code must retain the above copyright

* notice, this list of conditions and the following disclaimer.

*

* 2. Redistributions in binary form must reproduce the above
copyright

* notice, this list of conditions and the following disclaimer in

* the documentation and/or other materials provided with the

* distribution.

*

* 3. The end-user documentation included with the redistribution,

* if any, must include the following acknowledgment:

* "This product includes software developed by the

* MX4J project (<http://mx4j.sourceforge.net>)."

* Alternately, this acknowledgment may appear in the software
itself,

* if and wherever such third-party acknowledgments normally
appear.

*

* 4. The names "MX4J" and "mx4j" must not be used to endorse or promote

* products derived from this software without prior written

* permission. For written permission, please contact
biorn_steedom@users.sourceforge.net

*

* 5. Products derived from this software may not be called "MX4J",

* nor may "MX4J" appear in their name, without prior written

* permission of Simone Bordet.

*

* THIS SOFTWARE IS PROVIDED ``AS IS" AND ANY EXPRESSED OR
IMPLIED

* WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES

* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE

* DISCLAIMED. IN NO EVENT SHALL CARLOS QUIROZ OR

* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL,

* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING,
BUT NOT

* LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF

* USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER
CAUSED AND

* ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,

* OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT

* OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF

* SUCH DAMAGE.

*

=====
=====

*

* This software consists of voluntary contributions made by many

* individuals on behalf of MX4J. For more information on

* MX4J, please see

* .

*/

For the jasper-jdt.jar component:

Eclipse Public License - v 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC

LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM

CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial code and documentation

distributed under this Agreement, and

b) in the case of each subsequent Contributor:

i) changes to the Program, and

ii) additions to the Program;

where such changes and/or additions to the Program originate from and are

distributed by that particular Contributor. A Contribution 'originates' from a

Contributor if it was added to the Program by such Contributor itself or anyone

acting on such Contributor's behalf. Contributions do not include additions to

the Program which: (i) are separate modules of software distributed in conjunction with the Program under their own license agreement, and (ii) are not

derivative works of the Program.

"Contributor" means any person or entity that distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which are

necessarily infringed by the use or sale of its Contribution alone or when

combined with the Program.

"Program" means the Contributions distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement,

including all Contributors.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants

Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform,

distribute and sublicense the Contribution of such Contributor, if any, and such

derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants

Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed

Patents to make, use, sell, offer to sell, import and otherwise transfer the

Contribution of such Contributor, if any, in source code and object code form.

This patent license shall apply to the combination of the Contribution and the

Program if, at the time the Contribution is added by the Contributor, such

addition of the Contribution causes such combination to be covered by the

Licensed Patents. The patent license shall not apply to any other combinations

which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to

its Contributions set forth herein, no assurances are provided by any

Contributor that the Program does not infringe the patent or other intellectual

property rights of any other entity. Each Contributor disclaims any liability to

Recipient for claims brought by any other entity based on infringement of

intellectual property rights or otherwise. As a condition to exercising the

rights and licenses granted hereunder, each Recipient hereby assumes sole

responsibility to secure any other intellectual property rights needed, if any.

For example, if a third party patent license is required to allow Recipient to

distribute the Program, it is Recipient's responsibility to acquire that license

before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright

rights in its Contribution, if any, to grant the copyright license set forth in

this Agreement.

3. REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its

own license agreement, provided that:

a) it complies with the terms and conditions of this Agreement; and

b) its license agreement:

i) effectively disclaims on behalf of all Contributors all warranties and

conditions, express and implied, including warranties or conditions of title and

non-infringement, and implied warranties or conditions of merchantability and

fitness for a particular purpose;

ii) effectively excludes on behalf of all Contributors all liability for

damages, including direct, indirect, special, incidental and consequential

damages, such as lost profits;

iii) states that any provisions which differ from this Agreement are offered by

that Contributor alone and not by any other party; and

iv) states that source code for the Program is available from such Contributor,

and informs licensees how to obtain it in a reasonable manner on or through a

medium customarily used for software exchange.

When the Program is made available in source code form:

a) it must be made available under this Agreement; and

b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the

Program.

Each Contributor must identify itself as the originator of its Contribution, if

any, in a manner that reasonably allows subsequent Recipients to identify the

originator of the Contribution.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with

respect to end users, business partners and the like. While this license is

intended to facilitate the commercial use of the Program, the Contributor who

includes the Program in a commercial product offering should do so in a manner

which does not create potential liability for other Contributors. Therefore, if

a Contributor includes the Program in a commercial product offering, such

Contributor ("Commercial Contributor") hereby agrees to defend and indemnify

every other Contributor ("Indemnified Contributor") against any losses, damages

and costs (collectively "Losses") arising from claims, lawsuits and other legal

actions brought by a third party against the Indemnified Contributor to the

extent caused by the acts or omissions of such Commercial Contributor in

connection with its distribution of the Program in a commercial product

offering. The obligations in this section do not apply to any claims or Losses

relating to any actual or alleged intellectual property infringement. In order

to qualify, an Indemnified Contributor must: a) promptly notify the Commercial

Contributor in writing of such claim, and b) allow the Commercial Contributor

to control, and cooperate with the Commercial Contributor in, the defense and

any related settlement negotiations. The Indemnified Contributor may

participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product

offering, Product X. That Contributor is then a Commercial Contributor. If that

Commercial Contributor then makes performance claims, or offers warranties

related to Product X, those performance claims and warranties are such

Commercial Contributor's responsibility alone. Under this section, the

Commercial Contributor would have to defend claims against the other

Contributors related to those performance claims and warranties, and if a court

requires any other Contributor to pay any damages as a result, the Commercial

Contributor must pay those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN

"AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR

IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE,

NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each

Recipient is solely responsible for determining the appropriateness of using and

distributing the Program and assumes all risks associated with its exercise of

rights under this Agreement , including but not limited to the risks and costs

of program errors, compliance with applicable laws, damage to or loss of data,

programs or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY

CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL,

SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST

PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,

STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY

OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS

GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable

law, it shall not affect the validity or enforceability of the remainder of the

terms of this Agreement, and without further action by the parties hereto, such

provision shall be reformed to the minimum extent necessary to make such

provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a

cross-claim or counterclaim in a lawsuit) alleging that the Program itself

(excluding combinations of the Program with other software or hardware)

infringes such Recipient's patent(s), then such Recipient's rights granted under

Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to

comply with any of the material terms or conditions of this Agreement and does

not cure such failure in a reasonable period of time after becoming aware of

such noncompliance. If all Recipient's rights under this Agreement terminate,

Recipient agrees to cease use and distribution of the Program as soon as

reasonably practicable. However, Recipient's obligations under this Agreement

and any licenses granted by Recipient relating to the Program shall continue and

survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in

order to avoid inconsistency the Agreement is copyrighted and may only be

modified in the following manner. The Agreement Steward reserves the right to

publish new versions (including revisions) of this Agreement from time to time.

No one other than the Agreement Steward has the right to modify this Agreement.

The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation

may assign the responsibility to serve as the Agreement Steward to a suitable

separate entity. Each new version of the Agreement will be given a

distinguishing version number. The Program (including Contributions) may always

be distributed subject to the version of the Agreement under which it was

received. In addition, after a new version of the Agreement is published,

Contributor may elect to distribute the Program (including its Contributions)

under the new version. Except as expressly stated in Sections 2(a) and 2(b)

above, Recipient receives no rights or licenses to the intellectual property of

any Contributor under this Agreement, whether expressly, by implication,

estoppel or otherwise. All rights in the Program not expressly granted under

this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the

intellectual property laws of the United States of America. No party to this

Agreement will bring a legal action under this Agreement more than one year

after the cause of action arose. Each party waives its rights to a jury trial in

any resulting litigation.

For the Windows Installer component:

* All NSIS source code, plug-ins, documentation, examples, header files and

graphics, with the exception of the compression modules and where

otherwise noted, are licensed under the zlib/libpng license.

* The zlib compression module for NSIS is licensed under the zlib/libpng

license.

* The bzip2 compression module for NSIS is licensed under the bzip2 license.

* The lzma compression module for NSIS is licensed under the Common Public

License version 1.0.

zlib/libpng license

This software is provided 'as-is', without any express or implied warranty. In

no event will the authors be held liable for any damages arising from the use of

this software.

Permission is granted to anyone to use this software for any purpose, including

commercial applications, and to alter it and redistribute it freely, subject to

the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim

that you wrote the original software. If you use this software in a

product, an acknowledgment in the product documentation would be

appreciated but is not required.

2. Altered source versions must be plainly marked as such, and must not be

misrepresented as being the original software.

3. This notice may not be removed or altered from any source distribution.

bzip2 license

Redistribution and use in source and binary forms, with or without modification,

are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice,

this list of conditions and the following disclaimer.

2. The origin of this software must not be misrepresented; you must not claim

that you wrote the original software. If you use this software in a

product, an acknowledgment in the product documentation would be

appreciated but is not required.

3. Altered source versions must be plainly marked as such, and must not be

misrepresented as being the original software.

4. The name of the author may not be used to endorse or promote products

derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS AND ANY EXPRESS OR IMPLIED

WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF

MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT

SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,

EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT

OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS

INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN

CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING

IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY

OF SUCH DAMAGE.

Julian Seward, Cambridge, UK.

jseward@acm.org

Common Public License version 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS COMMON PUBLIC

LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM

CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial code and documentation

distributed under this Agreement, and b) in the case of each subsequent

Contributor:

i) changes to the Program, and

ii) additions to the Program;

where such changes and/or additions to the Program originate from and are

distributed by that particular Contributor. A Contribution 'originates' from a

Contributor if it was added to the Program by such Contributor itself or anyone

acting on such Contributor's behalf. Contributions do not include additions to

the Program which: (i) are separate modules of software distributed in

conjunction with the Program under their own license agreement, and (ii) are not

derivative works of the Program.

"Contributor" means any person or entity that distributes the Program.

"Licensed Patents " mean patent claims licensable by a Contributor which are

necessarily infringed by the use or sale of its Contribution alone or when

combined with the Program.

"Program" means the Contributions distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement,

including all Contributors.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants

Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants

Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed

Patents to make, use, sell, offer to sell, import and otherwise transfer the

Contribution of such Contributor, if any, in source code and object code form.

This patent license shall apply to the combination of the Contribution and the

Program if, at the time the Contribution is added by the Contributor, such

addition of the Contribution causes such combination to be covered by the

Licensed Patents. The patent license shall not apply to any other combinations

which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to

its Contributions set forth herein, no assurances are provided by any

Contributor that the Program does not infringe the patent or other intellectual

property rights of any other entity. Each Contributor disclaims any liability to

Recipient for claims brought by any other entity based on infringement of

intellectual property rights or otherwise. As a condition to exercising the

rights and licenses granted hereunder, each Recipient hereby assumes sole

responsibility to secure any other intellectual property rights needed, if any.

For example, if a third party patent license is required to allow Recipient to

distribute the Program, it is Recipient's responsibility to acquire that license

before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright

rights in its Contribution, if any, to grant the copyright license set forth in

this Agreement.

3. REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its

own license agreement, provided that:

a) it complies with the terms and conditions of this Agreement; and

b) its license agreement:

i) effectively disclaims on behalf of all Contributors all warranties and

conditions, express and implied, including warranties or conditions of title and

non-infringement, and implied warranties or conditions of merchantability and

fitness for a particular purpose;

ii) effectively excludes on behalf of all Contributors all liability for

damages, including direct, indirect, special, incidental and consequential

damages, such as lost profits;

iii) states that any provisions which differ from this Agreement are offered by

that Contributor alone and not by any other party; and

iv) states that source code for the Program is available from such Contributor,

and informs licensees how to obtain it in a reasonable manner on or through a

medium customarily used for software exchange.

When the Program is made available in source code form:

a) it must be made available under this Agreement; and

b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the

Program.

Each Contributor must identify itself as the originator of its Contribution, if

any, in a manner that reasonably allows subsequent Recipients to identify the

originator of the Contribution.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with

respect to end users, business partners and the like. While this license is

intended to facilitate the commercial use of the Program, the Contributor who

includes the Program in a commercial product offering should do so in a manner

which does not create potential liability for other Contributors. Therefore, if

a Contributor includes the Program in a commercial product offering, such

Contributor ("Commercial Contributor") hereby agrees to defend and indemnify

every other Contributor ("Indemnified Contributor") against any losses, damages

and costs (collectively "Losses") arising from claims, lawsuits and other legal

actions brought by a third party against the Indemnified Contributor to the

extent caused by the acts or omissions of such Commercial Contributor in

connection with its distribution of the Program in a commercial product

offering. The obligations in this section do not apply to any claims or Losses

relating to any actual or alleged intellectual property infringement. In order

to qualify, an Indemnified Contributor must: a) promptly notify the Commercial

Contributor in writing of such claim, and b) allow the Commercial Contributor to

control, and cooperate with the Commercial Contributor in, the defense and any

related settlement negotiations. The Indemnified Contributor may participate in

any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product

offering, Product X. That Contributor is then a Commercial Contributor. If that

Commercial Contributor then makes performance claims, or offers warranties

related to Product X, those performance claims and warranties are such

Commercial Contributor's responsibility alone. Under this section, the

Commercial Contributor would have to defend claims against the other

Contributors related to those performance claims and warranties, and if a court

requires any other Contributor to pay any damages as a result, the Commercial

Contributor must pay those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN

"AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR

IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE,

NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each

Recipient is solely responsible for determining the appropriateness of using and

distributing the Program and assumes all risks associated with its exercise of

rights under this Agreement, including but not limited to the risks and costs of

program errors, compliance with applicable laws, damage to or loss of data,

programs or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY

CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL,

SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST

PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,

STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY

OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS

GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable

law, it shall not affect the validity or enforceability of the remainder of the

terms of this Agreement, and without further action by the parties hereto, such

provision shall be reformed to the minimum extent necessary to make such

provision valid and enforceable.

If Recipient institutes patent litigation against a Contributor with respect to a patent applicable to software (including a cross-claim or counterclaim in a lawsuit), then any patent licenses granted by that Contributor to such Recipient under this Agreement shall terminate as of the date such litigation is filed. In addition, if Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed. All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement

and any licenses granted by Recipient relating to the Program shall continue and

survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in

order to avoid inconsistency the Agreement is copyrighted and may only be

modified in the following manner. The Agreement Steward reserves the right to

publish new versions (including revisions) of this Agreement from time to time.

No one other than the Agreement Steward has the right to modify this Agreement.

IBM is the initial Agreement Steward. IBM may assign the responsibility to serve

as the Agreement Steward to a suitable separate entity. Each new version of the

Agreement will be given a distinguishing version number. The Program (including

Contributions) may always be distributed subject to the version of the Agreement

under which it was received. In addition, after a new version of the Agreement

is published, Contributor may elect to distribute the Program (including its

Contributions) under the new version. Except as expressly stated in Sections

2(a) and 2(b) above, Recipient receives no rights or licenses to the

intellectual property of any Contributor under this Agreement,
whether

expressly, by implication, estoppel or otherwise. All rights in the
Program not

expressly granted under this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and
the

intellectual property laws of the United States of America. No party to
this

Agreement will bring a legal action under this Agreement more than
one year

after the cause of action arose. Each party waives its rights to a jury
trial in

any resulting litigation.

Special exception for LZMA compression module

Igor Pavlov and Amir Szekely, the authors of the LZMA compression
module for

NSIS, expressly permit you to statically or dynamically link your code
(or bind

by name) to the files from the LZMA compression module for NSIS
without

subjecting your linked code to the terms of the Common Public license
version

1.0. Any modifications or additions to files from the LZMA
compression module

for NSIS, however, are subject to the terms of the Common Public
License version

1.0.

jasper-jdt.jar

This product contains jasper-jdt.jar. The ECLIPSE Subcomponents were obtained under the ECLIPSE v.1.0

license, the terms and conditions of which are set forth below. The ECLIPSE Subcomponents

are distributed by CA for use with this CA product in unmodified, object code form, under

the CA End User License Agreement. Any provisions in the CA End User License Agreement that

differ from the ECLIPSE license are offered by CA alone and not by any other party. CA makes

the source code for the ECLIPSE Subcomponents available at

http://opensrcd.ca.com/ips/06984_17/ under the terms of the ECLIPSE v.1.0. license:

jasper-jdt.jar component:

Eclipse Public License - v 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC

LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM

CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial code and documentation

distributed under this Agreement, and

b) in the case of each subsequent Contributor:

i) changes to the Program, and

ii) additions to the Program;

where such changes and/or additions to the Program originate from and are

distributed by that particular Contributor. A Contribution 'originates' from a

Contributor if it was added to the Program by such Contributor itself or anyone

acting on such Contributor's behalf. Contributions do not include additions to

the Program which: (i) are separate modules of software distributed in

conjunction with the Program under their own license agreement, and (ii) are not

derivative works of the Program.

"Contributor" means any person or entity that distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which are

necessarily infringed by the use or sale of its Contribution alone or when

combined with the Program.

"Program" means the Contributions distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement,

including all Contributors.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants

Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform,

distribute and sublicense the Contribution of such Contributor, if any, and such

derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants

Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed

Patents to make, use, sell, offer to sell, import and otherwise transfer the

Contribution of such Contributor, if any, in source code and object code form.

This patent license shall apply to the combination of the Contribution and the

Program if, at the time the Contribution is added by the Contributor, such

addition of the Contribution causes such combination to be covered by the

Licensed Patents. The patent license shall not apply to any other combinations

which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to

its Contributions set forth herein, no assurances are provided by any

Contributor that the Program does not infringe the patent or other intellectual

property rights of any other entity. Each Contributor disclaims any liability to

Recipient for claims brought by any other entity based on infringement of

intellectual property rights or otherwise. As a condition to exercising the

rights and licenses granted hereunder, each Recipient hereby assumes sole

responsibility to secure any other intellectual property rights needed, if any.

For example, if a third party patent license is required to allow Recipient to

distribute the Program, it is Recipient's responsibility to acquire that license

before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright

rights in its Contribution, if any, to grant the copyright license set forth in

this Agreement.

3. REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its

own license agreement, provided that:

a) it complies with the terms and conditions of this Agreement; and

b) its license agreement:

i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and

non-infringement, and implied warranties or conditions of merchantability and

fitness for a particular purpose;

ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential

damages, such as lost profits;

iii) states that any provisions which differ from this Agreement are offered by

that Contributor alone and not by any other party; and

iv) states that source code for the Program is available from such Contributor,

and informs licensees how to obtain it in a reasonable manner on or through a

medium customarily used for software exchange.

When the Program is made available in source code form:

- a) it must be made available under this Agreement; and
- b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the

Program.

Each Contributor must identify itself as the originator of its Contribution, if

any, in a manner that reasonably allows subsequent Recipients to identify the

originator of the Contribution.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with

respect to end users, business partners and the like. While this license is

intended to facilitate the commercial use of the Program, the Contributor who

includes the Program in a commercial product offering should do so in a manner

which does not create potential liability for other Contributors. Therefore, if

a Contributor includes the Program in a commercial product offering, such

Contributor ("Commercial Contributor") hereby agrees to defend and indemnify

every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties

related to Product X, those performance claims and warranties are such

Commercial Contributor's responsibility alone. Under this section, the

Commercial Contributor would have to defend claims against the other

Contributors related to those performance claims and warranties, and if a court

requires any other Contributor to pay any damages as a result, the Commercial

Contributor must pay those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN

"AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR

IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE,

NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each

Recipient is solely responsible for determining the appropriateness of using and

distributing the Program and assumes all risks associated with its exercise of

rights under this Agreement , including but not limited to the risks and costs

of program errors, compliance with applicable laws, damage to or loss of data,

programs or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY

CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL,

SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST

PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,

STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY

OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS

GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable

law, it shall not affect the validity or enforceability of the remainder of the

terms of this Agreement, and without further action by the parties hereto, such

provision shall be reformed to the minimum extent necessary to make such

provision valid and enforceable.

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself

(excluding combinations of the Program with other software or hardware)

infringes such Recipient's patent(s), then such Recipient's rights granted under

Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to

comply with any of the material terms or conditions of this Agreement and does

not cure such failure in a reasonable period of time after becoming aware of

such noncompliance. If all Recipient's rights under this Agreement terminate,

Recipient agrees to cease use and distribution of the Program as soon as

reasonably practicable. However, Recipient's obligations under this Agreement

and any licenses granted by Recipient relating to the Program shall continue and

survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in

order to avoid inconsistency the Agreement is copyrighted and may only be

modified in the following manner. The Agreement Steward reserves the right to

publish new versions (including revisions) of this Agreement from time to time.

No one other than the Agreement Steward has the right to modify this Agreement.

The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation

may assign the responsibility to serve as the Agreement Steward to a suitable

separate entity. Each new version of the Agreement will be given a

distinguishing version number. The Program (including Contributions) may always

be distributed subject to the version of the Agreement under which it was

received. In addition, after a new version of the Agreement is published,

Contributor may elect to distribute the Program (including its Contributions)

under the new version. Except as expressly stated in Sections 2(a) and 2(b)

above, Recipient receives no rights or licenses to the intellectual property of

any Contributor under this Agreement, whether expressly, by implication,

estoppel or otherwise. All rights in the Program not expressly granted under

this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the

intellectual property laws of the United States of America. No party to this

Agreement will bring a legal action under this Agreement more than one year

after the cause of action arose. Each party waives its rights to a jury trial in

any resulting litigation.

For the Windows Installer component:

- * All NSIS source code, plug-ins, documentation, examples, header files and

- graphics, with the exception of the compression modules and where

- otherwise noted, are licensed under the zlib/libpng license.

- * The zlib compression module for NSIS is licensed under the zlib/libpng

- license.

- * The bzip2 compression module for NSIS is licensed under the bzip2 license.

- * The lzma compression module for NSIS is licensed under the Common Public

- License version 1.0.

zlib/libpng license

This software is provided 'as-is', without any express or implied warranty. In

no event will the authors be held liable for any damages arising from the use of

this software.

Permission is granted to anyone to use this software for any purpose, including

commercial applications, and to alter it and redistribute it freely, subject to

the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim

that you wrote the original software. If you use this software in a

product, an acknowledgment in the product documentation would be

appreciated but is not required.

2. Altered source versions must be plainly marked as such, and must not be

misrepresented as being the original software.

3. This notice may not be removed or altered from any source distribution.

bzip2 license

Redistribution and use in source and binary forms, with or without modification,

are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice,

this list of conditions and the following disclaimer.

2. The origin of this software must not be misrepresented; you must not claim

that you wrote the original software. If you use this software in a

product, an acknowledgment in the product documentation would be

appreciated but is not required.

3. Altered source versions must be plainly marked as such, and must not be

misrepresented as being the original software.

4. The name of the author may not be used to endorse or promote products

derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS AND ANY EXPRESS OR IMPLIED

WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF

MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT

SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,

EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT

OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS

INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN

CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING

IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY

OF SUCH DAMAGE.

Julian Seward, Cambridge, UK.

jseward@acm.org

This product contains CPL Subcomponents. The CPL Subcomponents were was

obtained under the CPL v.1.0 license, the terms and conditions of which are set forth below.

The CPL Subcomponents are distributed by CA for use with this CA product in unmodified,

object code form, under the CA End User License Agreement. Any provisions in the CA End User

License Agreement that differ from the CPL are offered by CA alone and not by any other

party. CA makes the source code for the CPL Subcomponents available at

http://opencrd.ca.com/ips/06984_17/ under the terms of the CPL v.1.0. license:

Common Public License version 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS COMMON PUBLIC

LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM

CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial code and documentation

distributed under this Agreement, and b) in the case of each subsequent

Contributor:

i) changes to the Program, and

ii) additions to the Program;

where such changes and/or additions to the Program originate from and are

distributed by that particular Contributor. A Contribution 'originates' from a

Contributor if it was added to the Program by such Contributor itself or anyone

acting on such Contributor's behalf. Contributions do not include additions to

the Program which: (i) are separate modules of software distributed in

conjunction with the Program under their own license agreement, and (ii) are not

derivative works of the Program.

"Contributor" means any person or entity that distributes the Program.

"Licensed Patents " mean patent claims licensable by a Contributor which are

necessarily infringed by the use or sale of its Contribution alone or when

combined with the Program.

"Program" means the Contributions distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement,

including all Contributors.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants

Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform,

distribute and sublicense the Contribution of such Contributor, if any, and such

derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants

Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed

Patents to make, use, sell, offer to sell, import and otherwise transfer the

Contribution of such Contributor, if any, in source code and object code form.

This patent license shall apply to the combination of the Contribution and the

Program if, at the time the Contribution is added by the Contributor, such

addition of the Contribution causes such combination to be covered by the

Licensed Patents. The patent license shall not apply to any other combinations

which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to

its Contributions set forth herein, no assurances are provided by any

Contributor that the Program does not infringe the patent or other intellectual

property rights of any other entity. Each Contributor disclaims any liability to

Recipient for claims brought by any other entity based on infringement of

intellectual property rights or otherwise. As a condition to exercising the

rights and licenses granted hereunder, each Recipient hereby assumes sole

responsibility to secure any other intellectual property rights needed, if any.

For example, if a third party patent license is required to allow Recipient to

distribute the Program, it is Recipient's responsibility to acquire that license

before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright

rights in its Contribution, if any, to grant the copyright license set forth in

this Agreement.

3. REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its

own license agreement, provided that:

a) it complies with the terms and conditions of this Agreement; and

b) its license agreement:

i) effectively disclaims on behalf of all Contributors all warranties and

conditions, express and implied, including warranties or conditions of title and

non-infringement, and implied warranties or conditions of merchantability and

fitness for a particular purpose;

ii) effectively excludes on behalf of all Contributors all liability for

damages, including direct, indirect, special, incidental and consequential

damages, such as lost profits;

iii) states that any provisions which differ from this Agreement are offered by

that Contributor alone and not by any other party; and

iv) states that source code for the Program is available from such Contributor,

and informs licensees how to obtain it in a reasonable manner on or through a

medium customarily used for software exchange.

When the Program is made available in source code form:

a) it must be made available under this Agreement; and

b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the

Program.

Each Contributor must identify itself as the originator of its Contribution, if

any, in a manner that reasonably allows subsequent Recipients to identify the

originator of the Contribution.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with

respect to end users, business partners and the like. While this license is

intended to facilitate the commercial use of the Program, the Contributor who

includes the Program in a commercial product offering should do so in a manner

which does not create potential liability for other Contributors. Therefore, if

a Contributor includes the Program in a commercial product offering, such

Contributor ("Commercial Contributor") hereby agrees to defend and indemnify

every other Contributor ("Indemnified Contributor") against any losses, damages

and costs (collectively "Losses") arising from claims, lawsuits and other legal

actions brought by a third party against the Indemnified Contributor to the

extent caused by the acts or omissions of such Commercial Contributor in

connection with its distribution of the Program in a commercial product

offering. The obligations in this section do not apply to any claims or Losses

relating to any actual or alleged intellectual property infringement. In order

to qualify, an Indemnified Contributor must: a) promptly notify the Commercial

Contributor in writing of such claim, and b) allow the Commercial Contributor to

control, and cooperate with the Commercial Contributor in, the defense and any

related settlement negotiations. The Indemnified Contributor may participate in

any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product

offering, Product X. That Contributor is then a Commercial Contributor. If that

Commercial Contributor then makes performance claims, or offers warranties

related to Product X, those performance claims and warranties are such

Commercial Contributor's responsibility alone. Under this section, the

Commercial Contributor would have to defend claims against the other

Contributors related to those performance claims and warranties, and if a court

requires any other Contributor to pay any damages as a result, the Commercial

Contributor must pay those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN

"AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR

IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE,

NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each

Recipient is solely responsible for determining the appropriateness of using and

distributing the Program and assumes all risks associated with its exercise of

rights under this Agreement, including but not limited to the risks and costs of

program errors, compliance with applicable laws, damage to or loss of data,

programs or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY

CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL,

SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST

PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,

STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY

OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS

GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable

law, it shall not affect the validity or enforceability of the remainder of the

terms of this Agreement, and without further action by the parties hereto, such

provision shall be reformed to the minimum extent necessary to make such

provision valid and enforceable.

If Recipient institutes patent litigation against a Contributor with respect to

a patent applicable to software (including a cross-claim or counterclaim in a

lawsuit), then any patent licenses granted by that Contributor to such Recipient

under this Agreement shall terminate as of the date such litigation is filed. In

addition, if Recipient institutes patent litigation against any entity

(including a cross-claim or counterclaim in a lawsuit) alleging that the Program

itself (excluding combinations of the Program with other software or hardware)

infringes such Recipient's patent(s), then such Recipient's rights granted under

Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does

not cure such failure in a reasonable period of time after becoming aware of

such noncompliance. If all Recipient's rights under this Agreement terminate,

Recipient agrees to cease use and distribution of the Program as soon as

reasonably practicable. However, Recipient's obligations under this Agreement

and any licenses granted by Recipient relating to the Program shall continue and

survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in

order to avoid inconsistency the Agreement is copyrighted and may only be

modified in the following manner. The Agreement Steward reserves the right to

publish new versions (including revisions) of this Agreement from time to time.

No one other than the Agreement Steward has the right to modify this Agreement.

IBM is the initial Agreement Steward. IBM may assign the responsibility to serve

as the Agreement Steward to a suitable separate entity. Each new version of the

Agreement will be given a distinguishing version number. The Program (including

Contributions) may always be distributed subject to the version of the Agreement

under which it was received. In addition, after a new version of the Agreement

is published, Contributor may elect to distribute the Program (including its

Contributions) under the new version. Except as expressly stated in Sections

2(a) and 2(b) above, Recipient receives no rights or licenses to the

intellectual property of any Contributor under this Agreement, whether

expressly, by implication, estoppel or otherwise. All rights in the Program not

expressly granted under this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the

intellectual property laws of the United States of America. No party to this

Agreement will bring a legal action under this Agreement more than one year

after the cause of action arose. Each party waives its rights to a jury trial in

any resulting litigation.

Special exception for LZMA compression module

Igor Pavlov and Amir Szekely, the authors of the LZMA compression module for

NSIS, expressly permit you to statically or dynamically link your code (or bind

by name) to the files from the LZMA compression module for NSIS without

subjecting your linked code to the terms of the Common Public license version

1.0. Any modifications or additions to files from the LZMA compression module

for NSIS, however, are subject to the terms of the Common Public License version

1.0.

Apache Xerces2-J 2.11.0

This product includes Apache Xerces2-J 2.11.0 which is distributed in accordance with the following license agreements: (the Apache License Version 2.0 agreement)

Portions of this product include software developed by The Apache Software Foundation (<http://www.apache.org/>). The Apache software is distributed in accordance with the following license agreement.

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

Terms And Conditions For Use, Reproduction, And Distribution

Definitions

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that you changed the files; and

You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not the License. You may add your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add your own copyright statement to your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

Submission of Contributions. Unless you explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by you to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with your exercise of permissions under this License.

Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, you may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following

boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and

limitations under the License.

Portions of Xerces2 were obtained under the following:

xml-commons/java/external/LICENSE.dom-documentation.txt \$Id:
LICENSE.dom-documentation.txt 226215 2005-06-03 22:49:13Z
mrglavas \$

This license came from:

<http://www.w3.org/Consortium/Legal/copyright-documents-20021231>

W3C® DOCUMENT LICENSE

<http://www.w3.org/Consortium/Legal/2002/copyright-documents-20021231>

Public documents on the W3C site are provided by the copyright holders under

the following license. By using and/or copying this document, or the W3C

document from which this statement is linked, you (the licensee) agree that

you have read, understood, and will comply with the following terms and

conditions:

Permission to copy, and distribute the contents of this document, or the W3C

document from which this statement is linked, in any medium for any purpose

and without fee or royalty is hereby granted, provided that you include the

following on ALL copies of the document, or portions thereof, that you use:

1. A link or URL to the original W3C document.

2. The pre-existing copyright notice of the original author, or if it

doesn't exist, a notice (hypertext is preferred, but a textual

representation is permitted) of the form: "Copyright ©
[\$date-of-document]

World Wide Web Consortium, (Massachusetts Institute of Technology,

European Research Consortium for Informatics and Mathematics, Keio

University). All Rights Reserved.

<http://www.w3.org/Consortium/Legal/2002/copyright-documents-20021231>"

3. If it exists, the STATUS of the W3C document.

When space permits, inclusion of the full text of this NOTICE should be provided. We request that authorship attribution be provided in any software, documents, or other items or products that you create pursuant to the implementation of the contents of this document, or any portion thereof.

No right to create modifications or derivatives of W3C documents is granted

pursuant to this license. However, if additional requirements (documented in

the Copyright FAQ) are satisfied, the right to create modifications or

derivatives is sometimes granted by the W3C to individuals complying with

those requirements.

THIS DOCUMENT IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO

REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT

LIMITED TO, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE,

NON-INFRINGEMENT, OR TITLE; THAT THE CONTENTS OF THE DOCUMENT ARE SUITABLE

FOR ANY PURPOSE; NOR THAT THE IMPLEMENTATION OF SUCH CONTENTS WILL NOT

INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR

CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE DOCUMENT OR THE

PERFORMANCE OR IMPLEMENTATION OF THE CONTENTS THEREOF.

The name and trademarks of copyright holders may NOT be used in advertising

or publicity pertaining to this document or its contents without specific,

written prior permission. Title to copyright in this document will at all times remain with copyright holders.

This formulation of W3C's notice and license became active on December 31 2002.

This version removes the copyright ownership notice such that this license can

be used with materials other than those owned by the W3C, moves information on

style sheets, DTDs, and schemas to the Copyright FAQ, reflects that ERCIM is

now a host of the W3C, includes references to this specific dated version of

the license, and removes the ambiguous grant of "use". See the older

formulation for the policy prior to this date. Please see our Copyright FAQ for

common questions about using materials from our site, such as the translating

or annotating specifications. Other questions about this notice can be directed

to site-policy@w3.org.

Joseph Reagle <site-policy@w3.org>

Last revised by Reagle \$Date: 2005-06-03 18:49:13 -0400 (Fri, 03 Jun 2005) \$

xml-commons/java/external/LICENSE.dom-software.txt \$Id:
LICENSE.dom-software.txt 734314 2009-01-14 03:33:27Z mrglavas \$

This license came from:
<http://www.w3.org/TR/2004/REC-DOM-Level-3-Core-20040407/java-binding.zip> (COPYRIGHT.html)

W3C® SOFTWARE NOTICE AND LICENSE

Copyright © 2004 World Wide Web Consortium, (Massachusetts Institute of Technology,

European Research Consortium for Informatics and Mathematics, Keio University).

All Rights Reserved.

The DOM bindings are published under the W3C Software Copyright Notice and

License. The software license requires "Notice of any changes or modifications

to the W3C files, including the date changes were made." Consequently, modified

versions of the DOM bindings must document that they do not conform to the W3C

standard; in the case of the IDL definitions, the pragma prefix can no longer

be 'w3c.org'; in the case of the Java language binding, the package names can no

longer be in the 'org.w3c' package.

Note: The original version of the W3C Software Copyright Notice and License could

be found at
<http://www.w3.org/Consortium/Legal/2002/copyright-software-20021231>

This work (and included software, documentation such as READMEs, or other

related items) is being provided by the copyright holders under the following

license. By obtaining, using and/or copying this work, you (the licensee) agree

that you have read, understood, and will comply with the following terms and

conditions.

Permission to copy, modify, and distribute this software and its documentation,

with or without modification, for any purpose and without fee or royalty is

hereby granted, provided that you include the following on ALL copies of the

software and documentation or portions thereof, including modifications:

1. The full text of this NOTICE in a location viewable to users of the redistributed or derivative work.

2. Any pre-existing intellectual property disclaimers, notices, or terms

and conditions. If none exist, the W3C Software Short Notice should be

included (hypertext is preferred, text is permitted) within the body

of any redistributed or derivative code.

3. Notice of any changes or modifications to the files, including the date

changes were made. (We recommend you provide URIs to the location from

which the code is derived.)

THIS SOFTWARE AND DOCUMENTATION IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE

NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED

TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT

THE USE OF THE SOFTWARE OR DOCUMENTATION WILL NOT INFRINGE ANY THIRD PARTY

PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR

CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENTATION.

The name and trademarks of copyright holders may NOT be used in advertising or

publicity pertaining to the software without specific, written prior permission.

Title to copyright in this software and any associated documentation will at

all times remain with copyright holders.

EclipseLink 2.1.2

This product includes EclipseLink 2.1.2, which was obtained from the Eclipse Foundation under the Eclipse Distribution License Version 1.0 and under various licenses set forth below, and is distributed by CA for use with this CA product in unmodified, object code form, under the CA license agreement. The following information sets out certain notices, attributions and/or other information CA is required to provide to you by the third party licensors of this component. The terms contained in the CA license agreement are offered by CA and not by the third party licensors. The contents set forth below are for informational purposes only and do not modify the terms of the license agreement between you and CA. The third party licensors of these components provide them on an "AS-IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE, and disclaim liability for any claim or loss, including, without limitation, direct, indirect, special, punitive, exemplary or consequential damages. Source code for EclipseLink may be obtained from <http://www.eclipse.org/eclipselink/>. In addition, CA makes the source code for certain components contained in EclipseLink 2.1.1 available at http://opensrcd.ca.com/ips/09584_16/ under the terms of their respective open source licenses. EclipseLink 2.1.2 is distributed in accordance with the following:

Eclipse Distribution License Version 1.0

Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

ASM

Copyright (c) 2000-2005 INRIA, France Telecom, All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1.Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2.Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- 3.Neither the name of the copyright holders nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

ANTLR

ANTLR 3 License

[The BSD License]

Copyright (c) 2010 Terence Parr

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the author nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

JAXB

Java Persistence (JPA) 1.0 - EJB 3.0

JavaMail

Java Activation Framework v1.1

Streaming API for XML (StAX)

Java Connector

COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL) Version
1.0 1.

Definitions.

1.1. Contributor means each individual or entity that creates or contributes to the creation of Modifications.

1.2. Contributor Version means the combination of the Original Software, prior Modifications used by a Contributor (if any), and the Modifications made by that particular Contributor.

1.3. Covered Software means (a) the Original Software, or (b) Modifications, or (c) the combination of files containing Original Software with files containing Modifications, in each case including portions thereof.

1.4. Executable means the Covered Software in any form other than Source Code.

1.5. Initial Developer means the individual or entity that first makes Original Software available under this License.

1.6. Larger Work means a work which combines Covered Software or portions thereof with code not governed by the terms of this License.

1.7. License means this document.

1.8. Licensable means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.

1.9. Modifications means the Source Code and Executable form of any of the following: A. Any file that results from an addition to, deletion from or modification of the contents of a file containing Original Software or previous Modifications; B. Any new file that contains any part of the Original Software or previous Modification; or C. Any new file that is contributed or otherwise made available under the terms of this License.

1.10. Original Software means the Source Code and Executable form of computer software code that is originally released under this License.

1.11. Patent Claims means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.

1.12. Source Code means (a) the common form of computer software code in which modifications are made and (b) associated documentation included in or with such code.

1.13. You (or Your) means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. For legal entities, You includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, control means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants.

2.1. The Initial Developer Grant. Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, the Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by Initial Developer, to use, reproduce, modify, display, perform, sublicense and distribute the Original Software (or portions thereof), with or without Modifications, and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using or selling of Original Software, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Software (or portions thereof);

(c) The licenses granted in Sections 2.1(a) and (b) are effective on the date Initial Developer first distributes or otherwise makes the Original Software available to a third party under the terms of this License;

(d) Notwithstanding Section 2.1(b) above, no patent license is granted: (1) for code that You delete from the Original Software, or (2) for infringements caused by: (i) the modification of the Original Software, or (ii) the combination of the Original Software with other software or devices.

2.2. Contributor Grant. Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by Contributor to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof), either on an unmodified basis, with other Modifications, as Covered Software and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: (1) Modifications made by that Contributor (or portions thereof); and (2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).

(c) The licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first distributes or otherwise makes the Modifications available to a third party.

(d) Notwithstanding Section 2.2(b) above, no patent license is granted: (1) for any code that Contributor has deleted from the Contributor Version; (2) for infringements caused by: (i) third party modifications of Contributor Version, or (ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or (3) under Patent Claims infringed by Covered Software in the absence of Modifications made by that Contributor.

3. Distribution Obligations.

3.1. Availability of Source Code. Any Covered Software that You distribute or otherwise make available in Executable form must also be made available in Source Code form and that Source Code form must be distributed only under the terms of this License. You must include a copy of this License with every copy of the Source Code form of the Covered Software You distribute or otherwise make available. You must inform recipients of any such Covered Software in Executable form as to how they can obtain such Covered Software in Source Code form in a reasonable manner on or through a medium customarily used for software exchange.

3.2. Modifications. The Modifications that You create or to which You contribute are governed by the terms of this License. You represent that You believe Your Modifications are Your original creation(s) and/or You have sufficient rights to grant the rights conveyed by this License.

3.3. Required Notices. You must include a notice in each of Your Modifications that identifies You as the Contributor of the Modification. You may not remove or alter any copyright, patent or trademark notices contained within the Covered Software, or any notices of licensing or any descriptive text giving attribution to any Contributor or the Initial Developer.

3.4. Application of Additional Terms. You may not offer or impose any terms on any Covered Software in Source Code form that alters or restricts the applicable version of this License or the recipients rights hereunder. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, you may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear that any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

3.5. Distribution of Executable Versions. You may distribute the Executable form of the Covered Software under the terms of this License or under the terms of a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable form does not attempt to limit or alter the recipients rights in the Source Code form from the rights set forth in this License. If You distribute the Covered Software in Executable form under a different license, You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

3.6. Larger Works. You may create a Larger Work by combining Covered Software with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Software.

4. Versions of the License.

4.1. New Versions. Sun Microsystems, Inc. is the initial license steward and may publish revised and/or new versions of this License from time to time. Each version will be given a distinguishing version number. Except as provided in Section 4.3, no one other than the license steward has the right to modify this License.

4.2. Effect of New Versions. You may always continue to use, distribute or otherwise make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. If the Initial Developer includes a notice in the Original Software prohibiting it from being distributed or otherwise made available under any subsequent version of the License, You must distribute and make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. Otherwise, You may also choose to use, distribute or otherwise make the Covered Software available under the terms of any subsequent version of the License published by the license steward.

4.3. Modified Versions. When You are an Initial Developer and You want to create a new license for Your Original Software, You may create and use a modified version of this License if You: (a) rename the license and remove any references to the name of the license steward (except to note that the license differs from this License); and (b) otherwise make it clear that the license contains terms which differ from this License.

5. DISCLAIMER OF WARRANTY. COVERED SOFTWARE IS PROVIDED UNDER THIS LICENSE ON AN AS IS BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED SOFTWARE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED SOFTWARE IS WITH YOU. SHOULD ANY COVERED SOFTWARE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

6. TERMINATION.

6.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

6.2. If You assert a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You assert such claim is referred to as Participant) alleging that the Participant Software (meaning the Contributor Version where the Participant is a Contributor or the Original Software where the Participant is the Initial Developer) directly or indirectly infringes any patent, then any and all rights granted directly or indirectly to You by such Participant, the Initial Developer (if the Initial Developer is not the Participant) and all Contributors under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively and automatically at the expiration of such 60 day notice period, unless if within such 60 day period You withdraw Your claim with respect to the Participant Software against such Participant either unilaterally or pursuant to a written agreement with Participant.

6.3. In the event of termination under Sections 6.1 or 6.2 above, all end user licenses that have been validly granted by You or any distributor hereunder prior to termination (excluding licenses granted to You by any distributor) shall survive termination.

7. LIMITATION OF LIABILITY. UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED SOFTWARE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOST PROFITS, LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTYS NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

8. U.S. GOVERNMENT END USERS. The Covered Software is a commercial item, as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of commercial computer software (as that term is defined at 48 C.F.R. 252.227-7014(a)(1)) and commercial computer software documentation as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Software with only those rights set forth herein. This U.S. Government Rights clause is in lieu of, and supersedes, any other FAR, DFAR, or other clause or provision that addresses Government rights in computer software under this License.

9. MISCELLANEOUS. This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by the law of the jurisdiction specified in a notice contained within the Original Software (except to the extent applicable law, if any, provides otherwise), excluding such jurisdictions conflict-of-law provisions. Any litigation relating to this License shall be subject to the jurisdiction of the courts located in the jurisdiction and venue specified in a notice contained within the Original Software, with the losing party responsible for costs, including, without limitation, court costs and reasonable attorneys fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License. You agree that You alone are responsible for compliance with the United States export administration regulations (and the export control laws and regulation of any other countries) when You use, distribute or otherwise make available any Covered Software.

10. RESPONSIBILITY FOR CLAIMS. As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

NOTICE PURSUANT TO SECTION 9 OF THE COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL) The code released under the CDDL shall be governed by the laws of the State of California (excluding conflict-of-law provisions). Any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California and the state courts of the State of California, with venue lying in Santa Clara County, California.

Service Data Objects (SDO)

License for the Service Data Objects JavaDoc and Interface Definition files.

The Service Data Objects JavaDoc and Interface Definition files are being provided by the copyright holders under the following license. By

using and/or copying this work, you agree that you have read, understood and will comply with the following terms and conditions:

Permission to copy, display, make derivative works of and distribute the Service Data Objects JavaDoc and Interface Definition files (the "Artifacts") in any medium without fee or royalty is hereby granted, provided that you include the following on ALL copies of the Artifacts, or portions thereof, that you make:

1. A link or URL to the Artifacts at this location:

<http://www.osoa.org/display/Main/Service+Data+Objects+Specifications>

2. The full text of this copyright notice as shown in the Artifacts.

THE ARTIFACTS ARE PROVIDED "AS IS" AND THE AUTHORS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, REGARDING THE ARTIFACTS AND THE IMPLEMENTATION OF THEIR CONTENTS, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT OR TITLE.

THE AUTHORS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF OR RELATING TO ANY USE OR DISTRIBUTION OF THE ARTIFACTS.

The name and trademarks of the Authors may NOT be used in any manner, including advertising or publicity pertaining to the Service Data Objects Specification or its contents without specific, written prior permission. Title to copyright in the Service Data Objects Specification will at all times remain with the Authors.

No other rights are granted by implication, estoppel or otherwise.

Revision level 1.1, last updated on 2007/11/19

Xerces

Java Servlet

Apache License

Version 2.0, January 2004

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that You changed the files; and

You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License. You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

WSDL 1.6.2

Common Public License - v 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS COMMON PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.

1. DEFINITIONS

"Contribution" means:

a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, and

b) in the case of each subsequent Contributor:

i) changes to the Program, and

ii) additions to the Program;

where such changes and/or additions to the Program originate from and are distributed by that particular Contributor. A Contribution 'originates' from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include additions to the Program which: (i) are separate modules of software distributed in conjunction with the Program under their own license agreement, and (ii) are not derivative works of the Program.

"Contributor" means any person or entity that distributes the Program.

"Licensed Patents " mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.

"Program" means the Contributions distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement, including all Contributors.

2. GRANT OF RIGHTS

a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form.

b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.

c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.

d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.

3. REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

a) it complies with the terms and conditions of this Agreement; and

b) its license agreement:

i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;

ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;

iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and

iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.

When the Program is made available in source code form:

a) it must be made available under this Agreement; and

b) a copy of this Agreement must be included with each copy of the Program.

Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution.

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OR CONDITIONS OF TITLE, NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.

If Recipient institutes patent litigation against a Contributor with respect to a patent applicable to software (including a cross-claim or counterclaim in a lawsuit), then any patent licenses granted by that Contributor to such Recipient under this Agreement shall terminate as of the date such litigation is filed. In addition, if Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. IBM is the initial Agreement Steward. IBM may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved.

This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of America. No party to this Agreement will bring a legal action under this Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any resulting litigation.

Jquery 1.6.3

This product includes jQuery 1.6.3 software, which is licensed by CA under the MIT License and is distributed in accordance with the following terms:

Copyright (c) 2011 John Resig, <http://jquery.com/>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions: The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software. THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Java Persistence API v.1

This product contains Java Persistence API v.1 (the CDDL File) which CA has elected to license under, and the use of which is subject to, the Common Development and Distribution License, Version 1.0. The source code for the CDDL File may be found here: <http://opensrcd.ca.com>.

Java Service Wrapper (JSW) Standard 3.5.6

This product includes Java Service Wrapper (JSW) 3.5.6 from Tanuki Software, Inc. which includes software and documentation components developed in part by Silver Egg Technology, Inc. ("SET") prior to 2001 and released under the following license.

Copyright (c) 2001 Silver Egg Technology

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sub-license, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,

EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE
WARRANTIES

OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE
AND

NON-INFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR
COPYRIGHT

HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY,

WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE,
ARISING

FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR
THE USE OR

OTHER DEALINGS IN THE SOFTWARE.

JAXB

JAXB was obtained under the CDDL v.1.0 license, the terms and conditions of which are set forth below. JAXB is distributed by CA for use with this CA product in unmodified, object code form, under the CA End User License Agreement. Any provisions in the CA End User License Agreement that differ from the CDDL are offered by CA alone and not by any other party. Source code for JAXB is available at <https://jaxb.dev.java.net/>. In addition, CA makes the source code for JAXB available at http://opensrcd.ca.com/ips/06984_7/ under the terms of the CDDL v.1.0. license:

COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL) Version 1.0

1. Definitions.

1.1. "Contributor" means each individual or entity that creates or contributes to the creation of Modifications.

1.2. "Contributor Version" means the combination of the Original Software, prior Modifications used by a Contributor (if any), and the Modifications made by that particular Contributor.

1.3. "Covered Software" means (a) the Original Software, or (b) Modifications, or (c) the combination of files containing Original Software with files containing Modifications, in each case including portions thereof.

1.4. "Executable" means the Covered Software in any form other than Source Code.

1.5. "Initial Developer" means the individual or entity that first makes Original Software available under this License.

1.6. "Larger Work" means a work which combines Covered Software or portions thereof with code not governed by the terms of this License.

1.7. "License" means this document.

1.8. “Licensable” means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.

1.9. “Modifications” means the Source Code and Executable form of any of the following:

A. Any file that results from an addition to, deletion from or modification of the contents of a file containing Original Software or previous Modifications;

B. Any new file that contains any part of the Original Software or previous Modification; or

C. Any new file that is contributed or otherwise made available under the terms of this License.

1.10. “Original Software” means the Source Code and Executable form of computer software code that is originally released under this License.

1.11. “Patent Claims” means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.

1.12. “Source Code” means (a) the common form of computer software code in which modifications are made and (b) associated documentation included in or with such code.

1.13. “You” (or “Your”) means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. For legal entities, “You” includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, “control” means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants.

2.1. The Initial Developer Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, the Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by Initial Developer, to use, reproduce, modify, display, perform, sublicense and distribute the Original Software (or portions thereof), with or without Modifications, and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using or selling of Original Software, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Software (or portions thereof).

(c) The licenses granted in Sections 2.1(a) and (b) are effective on the date Initial Developer first distributes or otherwise makes the Original Software available to a third party under the terms of this License.

(d) Notwithstanding Section 2.1(b) above, no patent license is granted: (1) for code that You delete from the Original Software, or (2) for infringements caused by: (i) the modification of the Original Software, or (ii) the combination of the Original Software with other software or devices.

2.2. Contributor Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

(a) under intellectual property rights (other than patent or trademark) Licensable by Contributor to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof), either on an unmodified basis, with other Modifications, as Covered Software and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: (1) Modifications made by that Contributor (or portions thereof); and (2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).

(c) The licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first distributes or otherwise makes the Modifications available to a third party.

(d) Notwithstanding Section 2.2(b) above, no patent license is granted: (1) for any code that Contributor has deleted from the Contributor Version; (2) for infringements caused by: (i) third party modifications of Contributor Version, or (ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or (3) under Patent Claims infringed by Covered Software in the absence of Modifications made by that Contributor.

3. Distribution Obligations.

3.1. Availability of Source Code.

Any Covered Software that You distribute or otherwise make available in Executable form must also be made available in Source Code form and that Source Code form must be distributed only under the terms of this License. You must include a copy of this License with every copy of the Source Code form of the Covered Software You distribute or otherwise make available. You must inform recipients of any such Covered Software in Executable form as to how they can obtain such Covered Software in Source Code form in a reasonable manner on or through a medium customarily used for software exchange.

3.2. Modifications.

The Modifications that You create or to which You contribute are governed by the terms of this License. You represent that You believe Your Modifications are Your original creation(s) and/or You have sufficient rights to grant the rights conveyed by this License.

3.3. Required Notices.

You must include a notice in each of Your Modifications that identifies You as the Contributor of the Modification. You may not remove or alter any copyright, patent or trademark notices contained within the Covered Software, or any notices of licensing or any descriptive text giving attribution to any Contributor or the Initial Developer.

3.4. Application of Additional Terms.

You may not offer or impose any terms on any Covered Software in Source Code form that alters or restricts the applicable version of this License or the recipients' rights hereunder. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, you may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear that any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

3.5. Distribution of Executable Versions.

You may distribute the Executable form of the Covered Software under the terms of this License or under the terms of a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable form does not attempt to limit or alter the recipient's rights in the Source Code form from the rights set forth in this License. If You distribute the Covered Software in Executable form under a different license, You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

3.6. Larger Works.

You may create a Larger Work by combining Covered Software with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Software.

4. Versions of the License.

4.1. New Versions.

Sun Microsystems, Inc. is the initial license steward and may publish revised and/or new versions of this License from time to time. Each version will be given a distinguishing version number. Except as provided in Section 4.3, no one other than the license steward has the right to modify this License.

4.2. Effect of New Versions.

You may always continue to use, distribute or otherwise make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. If the Initial Developer includes a notice in the Original Software prohibiting it from being distributed or otherwise made available under any subsequent version of the License, You must distribute and make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. Otherwise, You may also choose to use, distribute or otherwise make the Covered Software available under the terms of any subsequent version of the License published by the license steward.

4.3. Modified Versions.

When You are an Initial Developer and You want to create a new license for Your Original Software, You may create and use a modified version of this License if You: (a) rename the license and remove any references to the name of the license steward (except to note that the license differs from this License); and (b) otherwise make it clear that the license contains terms which differ from this License.

5. DISCLAIMER OF WARRANTY.

COVERED SOFTWARE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED SOFTWARE IS FREE OF DEFECTS, MERCHANTABILITY, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED SOFTWARE IS WITH YOU. SHOULD ANY COVERED SOFTWARE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

6. TERMINATION.

6.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

6.2. If You assert a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You assert such claim is referred to as "Participant") alleging that the Participant Software (meaning the Contributor Version where the Participant is a Contributor or the Original Software where the Participant is the Initial Developer) directly or indirectly infringes any patent, then any and all rights granted directly or indirectly to You by such Participant, the Initial Developer (if the Initial Developer is not the Participant) and all Contributors under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively and automatically at the expiration of such 60 day notice period, unless if within such 60 day period You withdraw Your claim with respect to the Participant Software against such Participant either unilaterally or pursuant to a written agreement with Participant.

6.3. In the event of termination under Sections 6.1 or 6.2 above, all end user licenses that have been validly granted by You or any distributor hereunder prior to termination (excluding licenses granted to You by any distributor) shall survive termination.

7. LIMITATION OF LIABILITY.

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED SOFTWARE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOST PROFITS, LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

8. U.S. GOVERNMENT END USERS.

The Covered Software is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" (as that term is defined at 48 C.F.R. § 252.227-7014(a)(1)) and "commercial computer software documentation" as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Software with only those rights set forth herein. This U.S. Government Rights clause is in lieu of, and supersedes, any other FAR, DFAR, or other clause or provision that addresses Government rights in computer software under this License.

9. MISCELLANEOUS.

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by the law of the jurisdiction specified in a notice contained within the Original Software (except to the extent applicable law, if any, provides otherwise), excluding such jurisdiction's conflict-of-law provisions. Any litigation relating to this License shall be subject to the jurisdiction of the courts located in the jurisdiction and venue specified in a notice contained within the Original Software, with the losing party responsible for costs, including, without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License. You agree that You alone are responsible for compliance with the United States export administration regulations (and the export control laws and regulation of any other countries) when You use, distribute or otherwise make available any Covered Software.

10. RESPONSIBILITY FOR CLAIMS.

As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

NOTICE PURSUANT TO SECTION 9 OF THE COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL)

The code released under the CDDL shall be governed by the laws of the State of California (excluding conflict-of-law provisions). Any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California and the state courts of the State of California, with venue lying in Santa Clara County, California.

Mozilla Rhino 1.5R4.1

The source code version of Rhino 1.5 Release 4.1 is licensed under the Netscape Public License Version 1.1 which can be found at <http://www.mozilla.org/NPL/> and is made available for download from http://opensrcd.ca.com/ips/3039_8/ The Netscape Public License Version 1.1 ("NPL") consists of the Mozilla Public License Version 1.1 with the following Amendments, including Exhibit A-Netscape Public License. Files identified with "Exhibit A-Netscape Public License" are governed by the Netscape Public License Version 1.1.

Additional Terms applicable to the Netscape Public License.

I. Effect.

These additional terms described in this Netscape Public License -- Amendments shall apply to the Mozilla Communicator client code and to all Covered Code under this License.

II. "Netscape's Branded Code" means Covered Code that Netscape distributes and/or permits others to distribute under one or more trademark(s) which are controlled by Netscape but which are not licensed for use under this License.

III. Netscape and logo.

This License does not grant any rights to use the trademarks "Netscape", the "Netscape N and horizon" logo or the "Netscape lighthouse" logo, "Netcenter", "Gecko", "Java" or "JavaScript", "Smart Browsing" even if such marks are included in the Original Code or Modifications.

IV. Inability to Comply Due to Contractual Obligation.

Prior to licensing the Original Code under this License, Netscape has licensed third party code for use in Netscape's Branded Code. To the extent that Netscape is limited contractually from making such third party code available under this License, Netscape may choose to reintegrate such code into Covered Code without being required to distribute such code in Source Code form, even if such code would otherwise be considered ""Modifications"" under this License.

V. Use of Modifications and Covered Code by Initial Developer.

V.1. In General.

The obligations of Section 3 apply to Netscape, except to the extent specified in this Amendment, Section V.2 and V.3.

V.2. Other Products.

Netscape may include Covered Code in products other than the Netscape's Branded Code which are released by Netscape during the two (2) years following the release date of the Original Code, without such additional products becoming subject to the terms of this License, and may license such additional products on different terms from those contained in this License.

V.3. Alternative Licensing.

Netscape may license the Source Code of Netscape's Branded Code, including Modifications incorporated therein, without such Netscape Branded Code becoming subject to the terms of this License, and may license such Netscape Branded Code on different terms from those contained in this License.

VI. Litigation.

Notwithstanding the limitations of Section 11 above, the provisions regarding litigation in Section 11(a), (b) and (c) of the License shall apply to all disputes relating to this License.

EXHIBIT A-Netscape Public License.

""The contents of this file are subject to the Netscape Public License Version 1.1 (the ""License""); you may not use this file except in compliance with the License. You may obtain a copy of the License at <http://www.mozilla.org/NPL/>

Software distributed under the License is distributed on an ""AS IS"" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and limitations under the License.

The Original Code is Mozilla Communicator client code, released March 31, 1998.

The Initial Developer of the Original Code is Netscape Communications Corporation. Portions created by Netscape are Copyright (C) 1998-1999 Netscape Communications Corporation. All Rights Reserved.

Contributor(s): _____.

Alternatively, the contents of this file may be used under the terms of the _____ license (the ""[] License""), in which case the provisions of [] License are applicable instead of those above. If you wish to allow use of your version of this file only under the terms of the [] License and not to allow others to use your version of this file under the NPL, indicate your decision by deleting the provisions above and replace them with the notice and other provisions required by the [] License. If you do not delete the provisions above, a recipient may use your version of this file under either the NPL or the [] License.""

MOZILLA PUBLIC LICENSE

Version 1.1

1. Definitions.

1.0.1. "Commercial Use" means distribution or otherwise making the Covered Code available to a third party.

1.1. "Contributor" means each entity that creates or contributes to the creation of Modifications.

1.2. "Contributor Version" means the combination of the Original Code, prior Modifications used by a Contributor, and the Modifications made by that particular Contributor.

1.3. "Covered Code" means the Original Code or Modifications or the combination of the Original Code and Modifications, in each case including portions thereof.

1.4. "Electronic Distribution Mechanism" means a mechanism generally accepted in the software development community for the electronic transfer of data.

1.5. "Executable" means Covered Code in any form other than Source Code.

1.6. "Initial Developer" means the individual or entity identified as the Initial Developer in the Source Code notice required by Exhibit A.

1.7. "Larger Work" means a work which combines Covered Code or portions thereof with code not governed by the terms of this License.

1.8. "License" means this document.

1.8.1. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.

1.9. "Modifications" means any addition to or deletion from the substance or structure of either the Original Code or any previous Modifications. When Covered Code is released as a series of files, a Modification is:

A. Any addition to or deletion from the contents of a file containing Original Code or previous Modifications.

B. Any new file that contains any part of the Original Code or previous Modifications.

1.10. "Original Code" means Source Code of computer software code which is described in the Source Code notice required by Exhibit A as Original Code, and which, at the time of its release under this License is not already Covered Code governed by this License.

1.10.1. "Patent Claims" means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.

1.11. "Source Code" means the preferred form of the Covered Code for making modifications to it, including all modules it contains, plus any associated interface definition files, scripts used to control compilation and installation of an Executable, or source code differential comparisons against either the Original Code or another well known, available Covered Code of the Contributor's choice. The Source Code can be in a compressed or archival form, provided the appropriate decompression or de-archiving software is widely available for no charge.

1.12. "You" (or "Your") means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License or a future version of this License issued under Section 6.1. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. Source Code License.

2.1. The Initial Developer Grant.

The Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license, subject to third party intellectual property claims:

(a) under intellectual property rights (other than patent or trademark) Licensable by Initial Developer to use, reproduce, modify, display, perform, sublicense and distribute the Original Code (or portions thereof) with or without Modifications, and/or as part of a Larger Work; and

(b) under Patents Claims infringed by the making, using or selling of Original Code, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Code (or portions thereof).

(c) the licenses granted in this Section 2.1(a) and (b) are effective on the date Initial Developer first distributes Original Code under the terms of this License.

(d) Notwithstanding Section 2.1(b) above, no patent license is granted: 1) for code that You delete from the Original Code; 2) separate from the Original Code; or 3) for infringements caused by: i) the modification of the Original Code or ii) the combination of the Original Code with other software or devices.

2.2. Contributor Grant.

Subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license

(a) under intellectual property rights (other than patent or trademark) Licensable by Contributor, to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof) either on an unmodified basis, with other Modifications, as Covered Code and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: 1) Modifications made by that Contributor (or portions thereof); and 2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).

(c) the licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first makes Commercial Use of the Covered Code.

(d) Notwithstanding Section 2.2(b) above, no patent license is granted: 1) for any code that Contributor has deleted from the Contributor Version; 2) separate from the Contributor Version; 3) for infringements caused by: i) third party modifications of Contributor Version or ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or 4) under Patent Claims infringed by Covered Code in the absence of Modifications made by that Contributor.

3. Distribution Obligations.

3.1. Application of License.

The Modifications which You create or to which You contribute are governed by the terms of this License, including without limitation Section 2.2. The Source Code version of Covered Code may be distributed only under the terms of this License or a future version of this License released under Section 6.1, and You must include a copy of this License with every copy of the Source Code You distribute. You may not offer or impose any terms on any Source Code version that alters or restricts the applicable version of this License or the recipients' rights hereunder. However, You may include an additional document offering the additional rights described in Section 3.5.

3.2. Availability of Source Code.

Any Modification which You create or to which You contribute must be made available in Source Code form under the terms of this License either on the same media as an Executable version or via an accepted Electronic Distribution Mechanism to anyone to whom you made an Executable version available; and if made available via Electronic Distribution Mechanism, must remain available for at least twelve (12) months after the date it initially became available, or at least six (6) months after a subsequent version of that particular Modification has been made available to such recipients. You are responsible for ensuring that the Source Code version remains available even if the Electronic Distribution Mechanism is maintained by a third party.

3.3. Description of Modifications.

You must cause all Covered Code to which You contribute to contain a file documenting the changes You made to create that Covered Code and the date of any change. You must include a prominent statement that the Modification is derived, directly or indirectly, from Original Code provided by the Initial Developer and including the name of the Initial Developer in (a) the Source Code, and (b) in any notice in an Executable version or related documentation in which You describe the origin or ownership of the Covered Code.

3.4. Intellectual Property Matters

(a) Third Party Claims.

If Contributor has knowledge that a license under a third party's intellectual property rights is required to exercise the rights granted by such Contributor under Sections 2.1 or 2.2, Contributor must include a text file with the Source Code distribution titled ""LEGAL"" which describes the claim and the party making the claim in sufficient detail that a recipient will know whom to contact. If Contributor obtains such knowledge after the Modification is made available as described in Section 3.2, Contributor shall promptly modify the LEGAL file in all copies Contributor makes available thereafter and shall take other steps (such as notifying appropriate mailing lists or newsgroups) reasonably calculated to inform those who received the Covered Code that new knowledge has been obtained.

(b) Contributor APIs.

If Contributor's Modifications include an application programming interface and Contributor has knowledge of patent licenses which are reasonably necessary to implement that API, Contributor must also include this information in the LEGAL file.

(c) Representations.

Contributor represents that, except as disclosed pursuant to Section 3.4(a) above, Contributor believes that Contributor's Modifications are Contributor's original creation(s) and/or Contributor has sufficient rights to grant the rights conveyed by this License.

3.5. Required Notices.

You must duplicate the notice in Exhibit A in each file of the Source Code. If it is not possible to put such notice in a particular Source Code file due to its structure, then You must include such notice in a location (such as a relevant directory) where a user would be likely to look for such a notice. If You created one or more Modification(s) You may add your name as a Contributor to the notice described in Exhibit A. You must also duplicate this License in any documentation for the Source Code where You describe recipients' rights or ownership rights relating to Covered Code. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Code. However, You may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear than any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

3.6. Distribution of Executable Versions.

You may distribute Covered Code in Executable form only if the requirements of Section 3.1-3.5 have been met for that Covered Code, and if You include a notice stating that the Source Code version of the Covered Code is available under the terms of this License, including a description of how and where You have fulfilled the obligations of Section 3.2. The notice must be conspicuously included in any notice in an Executable version, related documentation or collateral in which You describe recipients' rights relating to the Covered Code. You may distribute the Executable version of Covered Code or ownership rights under a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable version does not attempt to limit or alter the recipient's rights in the Source Code version from the rights set forth in this License. If You distribute the Executable version under a different license You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or any Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

3.7. Larger Works.

You may create a Larger Work by combining Covered Code with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Code.

4. Inability to Comply Due to Statute or Regulation.

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Code due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be included in the LEGAL file described in Section 3.4 and must be included with all distributions of the Source Code. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Application of this License.

This License applies to code to which the Initial Developer has attached the notice in Exhibit A and to related Covered Code.

6. Versions of the License.

6.1. New Versions.

Netscape Communications Corporation ("Netscape") may publish revised and/or new versions of the License from time to time. Each version will be given a distinguishing version number.

6.2. Effect of New Versions.

Once Covered Code has been published under a particular version of the License, You may always continue to use it under the terms of that version. You may also choose to use such Covered Code under the terms of any subsequent version of the License published by Netscape. No one other than Netscape has the right to modify the terms applicable to Covered Code created under this License.

6.3. Derivative Works.

If You create or use a modified version of this License (which you may only do in order to apply it to code which is not already Covered Code governed by this License), You must (a) rename Your license so that the phrases "Mozilla", "MOZILLAPL", "MOZPL", "Netscape", "MPL", "NPL" or any confusingly similar phrase do not appear in your license (except to note that your license differs from this License) and (b) otherwise make it clear that Your version of the license contains terms which differ from the Mozilla Public License and Netscape Public License. (Filling in the name of the Initial Developer, Original Code or Contributor in the notice described in Exhibit A shall not of themselves be deemed to be modifications of this License.)

7. DISCLAIMER OF WARRANTY.

COVERED CODE IS PROVIDED UNDER THIS LICENSE ON AN ""AS IS"" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED CODE IS FREE OF DEFECTS, MERCHANTABILITY, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED CODE IS WITH YOU. SHOULD ANY COVERED CODE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED CODE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

8. TERMINATION.

8.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. All sublicenses to the Covered Code which are properly granted shall survive any termination of this License. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

8.2. If You initiate litigation by asserting a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You file such action is referred to as ""Participant"") alleging that:

(a) such Participant's Contributor Version directly or indirectly infringes any patent, then any and all rights granted by such Participant to You under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively, unless if within 60 days after receipt of notice You either: (i) agree in writing to pay Participant a mutually agreeable reasonable royalty for Your past and future use of Modifications made by such Participant, or (ii) withdraw Your litigation claim with respect to the Contributor Version against such Participant. If within 60 days of notice, a reasonable royalty and payment arrangement are not mutually agreed upon in writing by the parties or the litigation claim is not withdrawn, the rights granted by Participant to You under Sections 2.1 and/or 2.2 automatically terminate at the expiration of the 60 day notice period specified above.

(b) any software, hardware, or device, other than such Participant's Contributor Version, directly or indirectly infringes any patent, then any rights granted to You by such Participant under Sections 2.1(b) and 2.2(b) are revoked effective as of the date You first made, used, sold, distributed, or had made, Modifications made by that Participant.

8.3. If You assert a patent infringement claim against Participant alleging that such Participant's Contributor Version directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.

8.4. In the event of termination under Sections 8.1 or 8.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or any distributor hereunder prior to termination shall survive termination.

9. LIMITATION OF LIABILITY.

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED CODE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

10. U.S. GOVERNMENT END USERS.

The Covered Code is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" and "commercial computer software documentation," as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Code with only those rights set forth herein.

11. MISCELLANEOUS.

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by California law provisions (except to the extent applicable law, if any, provides otherwise), excluding its conflict-of-law provisions. With respect to disputes in which at least one party is a citizen of, or an entity chartered or registered to do business in the United States of America, any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California, with venue lying in Santa Clara County, California, with the losing party responsible for costs, including without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License.

12. RESPONSIBILITY FOR CLAIMS.

As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

13. MULTIPLE-LICENSED CODE.

Initial Developer may designate portions of the Covered Code as ""Multiple-Licensed"". ""Multiple-Licensed"" means that the Initial Developer permits you to utilize portions of the Covered Code under Your choice of the NPL or the alternative licenses, if any, specified by the Initial Developer in the file described in Exhibit A.

EXHIBIT A -Mozilla Public License.

``The contents of this file are subject to the Mozilla Public License Version 1.1 (the ""License""); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.mozilla.org/MPL/>

Software distributed under the License is distributed on an "AS IS" basis, WITHOUT WARRANTY OF

ANY KIND, either express or implied. See the License for the specific language governing rights and

limitations under the License.

The Original Code is _____.

The Initial Developer of the Original Code is _____ . Portions created by

_____ are Copyright (C) _____
_____. All Rights

Reserved.

Contributor(s): _____.

Alternatively, the contents of this file may be used under the terms of the _____ license (the "____ License"), in which case the provisions of _____ License are applicable instead of those above. If you wish to allow use of your version of this file only under the terms of the _____ License and not to allow others to use your version of this file under the MPL, indicate your decision by deleting the provisions above and replace them with the notice and other provisions required by the _____ License. If you do not delete the provisions above, a recipient may use your version of this file under either the MPL or the _____ License."

NOTE: The text of this Exhibit A may differ slightly from the text of the notices in the Source Code files of the Original Code. You should use the text of this Exhibit A rather than the text found in the Original Code Source Code for Your Modifications.]

Open Message Queue 4.1

Open Message Queue 4.1

For the above software the following terms and conditions shall apply:

This product contains certain files which are governed by the Common Development and Distribution License, Version 1.0. The source code for the CDDL Files may be found here: <http://opensrcd.ca.com>.

Oracle 11G JDBC Driver

This Product is distributed with Oracle 11G JDBC Driver version 11.1.0.7.0 from Oracle USA, Inc. (?Oracle?) The following additional terms and conditions apply to your use of the Oracle software product ("Oracle Product"): (1) you may only use the Oracle Product to run the CA Product; (2) to the extent permitted by applicable law, Oracle disclaims liability for any damages, whether direct, indirect, incidental, or consequential, arising from your use of the Oracle Product; (3) at the termination of this Agreement, you must discontinue use and destroy or return to CA all copies of the Product; (4) Oracle is not obligated to provide technical support, phone support, or updates to the Oracle Product hereunder; (5) CA reserves the right to audit your use of the Oracle Product and report such use to Oracle or to assign this right to audit your use of the Oracle Product to Oracle; (6) Oracle shall be a third party beneficiary of this Agreement.

Saxon 8.53

This product includes Saxon 8.53. The source code version of Saxon 8.6 is licensed under the Mozilla Public License, Version 1.1.

SLF4J

This product includes slf4j 1.6.1 software distributed in accordance with the following terms:

Licensing terms for SLF4J

SLF4J source code and binaries are distributed under the MIT license.

Copyright (c) 2004-2008 QOS.ch

All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining

a copy of this software and associated documentation files (the

"Software"), to deal in the Software without restriction, including

without limitation the rights to use, copy, modify, merge, publish,

distribute, sublicense, and/or sell copies of the Software, and to

permit persons to whom the Software is furnished to do so, subject to

the following conditions:

The above copyright notice and this permission notice shall be

included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,

EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF

MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND

NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE

LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION

OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION

WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

These terms are identical to those of the MIT License, also called the X License or the X11 License, which is a simple, permissive non-copyleft free software license. It is deemed compatible with virtually all types of licenses, commercial or otherwise. In particular, the Free Software Foundation has declared it compatible with GNU GPL. It is also known to be approved by the Apache Software Foundation as compatible with Apache Software License.

SourceForge Dom4j 1.6.1

"The complete license (copyright notice, list of conditions, and disclaimer) must be displayed in an Acknowledgments section in the product user doc in accordance with the Third-Party legal information section of CAWrite. Please precede the agreement with |&&| Portions of this product include software developed by the DOM4J Project (<http://dom4j.org/>) and is distributed in accordance with the following license agreement. |&&|

Redistribution and use of this software and associated documentation ("Software"), with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain copyright statements and notices. Redistributions must also contain a copy of this document.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

The name "DOM4J" must not be used to endorse or promote products derived from this Software without prior written permission of MetaStuff, Ltd. For written permission, please contact dom4j-info@metastuff.com.

Products derived from this Software may not be called "DOM4J" nor may "DOM4J" appear in their names without prior written permission of MetaStuff, Ltd. DOM4J is a registered trademark of MetaStuff, Ltd.

Due credit should be given to the DOM4J Project - <http://www.dom4j.org>

THIS SOFTWARE IS PROVIDED BY METASTUFF, LTD. AND CONTRIBUTORS ""AS IS"" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL METASTUFF, LTD. OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright 2001-2005 (C) MetaStuff, Ltd. All Rights Reserved.

SourceForge ANT-CONTRIB v.1.0b3

ANT-CONTRIB v.1.0b3

This product includes software developed by the Ant-Contrib project (<http://sourceforge.net/projects/ant-contrib>). It was obtained under the following terms:

/*

* The Apache Software License, Version 1.1

*

* Copyright (c) 2001-2003 Ant-Contrib project. All rights reserved.

*

* Redistribution and use in source and binary forms, with or without

* modification, are permitted provided that the following conditions

* are met:

*

* 1. Redistributions of source code must retain the above copyright

* notice, this list of conditions and the following disclaimer.

*

* 2. Redistributions in binary form must reproduce the above
copyright

* notice, this list of conditions and the following disclaimer in

* the documentation and/or other materials provided with the

* distribution.

*

* 3. The end-user documentation included with the redistribution, if

* any, must include the following acknowledgement:

* ""This product includes software developed by the

* Ant-Contrib project
(<http://sourceforge.net/projects/ant-contrib>).""

* Alternately, this acknowledgement may appear in the software
itself,

* if and wherever such third-party acknowledgements normally
appear.

*

* 4. The name Ant-Contrib must not be used to endorse or promote
products

* derived from this software without prior written permission.
For

* written permission, please contact

* ant-contrib-developers@lists.sourceforge.net.

*

* 5. Products derived from this software may not be called
""Ant-Contrib""

* nor may ""Ant-Contrib"" appear in their names without prior
written

* permission of the Ant-Contrib project.

*

* THIS SOFTWARE IS PROVIDED ``AS IS|&""&| AND ANY EXPRESSED OR IMPLIED

* WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES

* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

* DISCLAIMED. IN NO EVENT SHALL THE ANT-CONTRIB PROJECT OR ITS

* CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,

* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT

* LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF

* USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND

* ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,

* OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT

* OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF

* SUCH DAMAGE.

*

=====
=====

*/

JRE 1.6.0_22

This Product is distributed with JRE v.1.6. Oracle has provided additional copyright notices and information that may be applicable to portions of the JRE in the THIRDPARTYLICENSEREADME.txt file that accompanies the JRE files.

Unzip 5.42

This product includes Unzip 5.42 software distributed pursuant to the following terms:

Copyright (c) 1990-2001 Info-ZIP. All rights reserved.

For the purposes of this copyright and license, "Info-ZIP" is defined as the following set of individuals:

Mark Adler, John Bush, Karl Davis, Harald Denker, Jean-Michel Dubois,

Jean-loup Gailly, Hunter Goatley, Ian Gorman, Chris Herborth, Dirk Haase,

Greg Hartwig, Robert Heath, Jonathan Hudson, Paul Kienitz, David Kirschbaum,

Johnny Lee, Onno van der Linden, Igor Mandrichenko, Steve P. Miller,

Sergio Monesi, Keith Owens, George Petrov, Greg Roelofs, Kai Uwe Rommel,

Steve Salisbury, Dave Smith, Christian Spieler, Antoine Verheijen,

Paul von Behren, Rich Wales, Mike White

This software is provided "as is," without warranty of any kind, express or implied. In no event shall Info-ZIP or its contributors be held liable for any direct, indirect, incidental, special or consequential damages arising out of the use of or inability to use this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it

freely, subject to the following restrictions:

1. Redistributions of source code must retain the above copyright notice,

definition, disclaimer, and this list of conditions.

2. Redistributions in binary form must reproduce the above copyright

notice, definition, disclaimer, and this list of conditions in

documentation and/or other materials provided with the distribution.

3. Altered versions--including, but not limited to, ports to new operating

systems, existing ports with new graphical interfaces, and dynamic,

shared, or static library versions--must be plainly marked as such

and must not be misrepresented as being the original source. Such

altered versions also must not be misrepresented as being Info-ZIP

releases--including, but not limited to, labeling of the altered

versions with the names "Info-ZIP" (or any variation thereof, including,

but not limited to, different capitalizations), "Pocket UnZip," "WiZ"

or "MacZip" without the explicit permission of Info-ZIP. Such altered

versions are further prohibited from misrepresentative use of the

Zip-Bugs or Info-ZIP e-mail addresses or of the Info-ZIP URL(s).

4. Info-ZIP retains the right to use the names "Info-ZIP," "Zip," "UnZip,"

"WiZ," "Pocket UnZip," "Pocket Zip," and "MacZip" for its own source and

binary releases.