

# webMethods Composite Application Development 10.3 Readme

## October 2018

This file contains important information you must read before using webMethods Composite Application Development 10.3. You can find system requirements, user documentation, and installation and upgrade instructions on the [Documentation website](#) or the [TECHcommunity website](#). At those locations, you can also find suite-related security and globalization information.

Included in this file is information about functionality that has been added, removed, deprecated, or changed for this product. Deprecated functionality continues to work and is supported by Software AG, but may be removed in a future release. Software AG recommends against using deprecated functionality in new projects.

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## 1.0 Critical Information

This section lists any critical issues for the current release that were known when this readme was published. For critical information found later, go to the Knowledge Center on the [Empower website](#).

## 2.0 Known Issues

This section lists any issues for the current release that were known when this readme was published. For known issues found later, go to the Knowledge Center on the [Empower website](#).

- WMC-4485  
When Composite Application Framework (CAF) is installed, the initial startup of Software AG Designer might take longer than usual.  
There is currently no workaround for this issue.
- WMC-4486  
When Composite Application Framework is installed, other Software AG Designer development plug-ins might report unresolved bundles. This issue does not affect the plug-in functionality.  
There is currently no workaround for this issue.
- MWS-21070  
When using an IS Document type to define the business data for a HPSTRA-enabled task, the Composite Application Framework might duplicate business data fields in the runtime.  
There is currently no workaround for this issue.

## 3.0 Usage Notes

This section provides any additional information you need to work with the current release of this product.

## 4.0 Fixes Included in Each Release

This section lists the latest fix level that has been included in each release for each product component. A release is listed in this section only if changes occurred in that release. Go to the Knowledge Center on the [Empower website](#) for detailed information about fixes.

### ***Release 10.3***

- DES\_10.1\_CAD\_Fix2

### ***Release 10.2***

- DES\_10.1\_CAD\_Fix1
- DES\_10.0\_CAD\_Fix3
- DES\_9.12\_CAD\_Fix3

## ***Release 10.1***

- DES\_10.0\_CAD\_Fix2

## ***Release 10.0***

- DES\_9.12\_Fix1
- DES\_9.9\_CAD\_Fix2
- DES\_9.8\_CAD\_Fix3
- DES\_9.7\_Fix3

## ***Release 9.12***

- DES\_9.10\_Fix2
- DES\_9.9\_CAD\_Fix1
- DES\_9.8\_CAD\_Fix2
- DES\_9.6\_CAD\_Fix5
- DES\_9.5\_SP1\_CAD\_Fix2

## ***Release 9.10***

- DES\_9.8\_CAD\_Fix1
- DES\_9.7\_CAD\_Fix2
- DES\_9.0\_SP1\_CAD\_Fix1

## ***Release 9.9***

- DES\_9.7\_CAD\_Fix1
- DES\_9.6\_CAD\_Fix4
- DES\_9.5\_SP1\_CAD\_Fix1

## ***Release 9.8***

- DES\_9.6\_CAD\_Fix2
- DES\_8.2\_SP1\_CAD\_Fix10

## 5.0 Other Resolved Issues

This section lists the issues that were resolved in each release but were not part of the fixes listed in the previous section. A release is listed in this section only if changes occurred in that release.

### **Release 10.3**

- WMC-3951  
Installing a Composite Application Framework fix fails when the fix applies to multiple components, but the installation does not have all the components installed.  
The fix installation rolls back because it expects all components that the fix addresses to be present in the installation directory.  
The workaround is to install the missing components before installing the fix.

### **Release 10.0**

- WMC-4039  
In Software AG Designer, validation of xmlImport files fails for CAF projects that do not contain portlets.  
The Problems tab for a project displays the following error: "Referenced file contains errors (<http://www.webmethods.com/schema/xmlImport.xsd>)."  
The issue is resolved.
- WMC-4059  
When using My webMethods in Internet Explorer, the CAF Toggle Tab control might cause increasing memory consumption.  
The issue is resolved.

### **Release 9.12**

- MWS-16031  
The time zone of the CAF Date Range Input control does not match a My webMethods user's preferred time zone.  
When a Date Range Input control is added to a portlet, the time zone of the Date Range Input control does not match the user's preferred time zone when the user's time zone uses daylight savings time.  
The issue is resolved.

### **Release 9.9**

- MWS-14667  
Converting Composite Application Framework (CAF) applications to OpenCAF does not update navigation rules.  
When a CAF application is converted to OpenCAF, the navigation rules in the CAF faces-

config.xml files are not updated to reference OpenCAF .xhtml files. The navigation rules still have references to removed .view files.

This issue is now resolved.

- MWS-14666

After converting a Task List Management CAF portlet to OpenCAF, clicking the Return button on the Task List Management page results in a javax.portlet.PortletException with the following message: "Cannot remove the same component twice".

This issue is now resolved.

## 6.0 Documentation Changes

This section describes significant changes to the documentation, such as the addition, relocation, or removal of product guides, online help, chapters, or other major content. A release is listed in this section only if changes occurred in that release.

### **Release 10.1**

- *webMethods CAF and OpenCAF Development Help* is renamed *webMethods CAF and OpenUI Development Help*.
- The topic "Working with Business Console Gadgets" is moved to a new Eclipse help set, *Working with Business Console Gadgets Help*.

### **Release 9.12**

- *webMethods CAF Development Help* is renamed *webMethods CAF and OpenCAF Development Help*.
- A new topic, "Developing OpenCAF Applications", is added to *webMethods CAF and OpenCAF Development Help*. The topic provides an overview of the main OpenCAF functions as well as information about additional resources for developing OpenCAF applications.

### **Release 9.10**

A new topic, "Working with Gadgets", has been added to the *webMethods CAF Development Help* online help and PDF guide.

### **Release 9.9**

A new topic, "Getting Started with OpenCAF Shell Page Development", has been added to the *webMethods CAF Development Help* online help.

### **Release 9.8**

A new chapter, "Getting Started with OpenCAF Shell Page Development", has been added to the

## 7.0 Terminology Changes

A release is listed in this section only if changes occurred in that release.

### **Release 10.1**

Old Term	New Term
OpenCAF	webMethods OpenUI OpenUI

## 8.0 Added, Removed, Deprecated, or Changed Items

This section lists functionality, controls, portlets, properties, or other items that have been added, removed, deprecated, or changed. A release is listed in this section only if changes occurred in that release.

### **Release 10.3**

Changed Item	Description
Gadget Development	The UI Development node under Composite Applications in Installer no longer installs Gadget Development. To be able to develop Business Console gadgets, you must select Gadget Development under Composite Applications.

### **Release 10.2**

Removed Item	Replacement, if any
Support for Axis 1.4, which is used for exposing web services from My webMethods Server, is removed.	Now My webMethods Server web services use Axis 1.7.7

### **Release 9.12**

Deprecated Item	Replacement, if any
Support for Axis 1.x, which is used for exposing web services from My webMethods Server, is deprecated.	

**Deprecated Item**

Support for using webMethods Glue to create web service connectors in CAF and OpenCAF applications is deprecated.

**Replacement, if any**

WS-Stack Client library

**Release 9.10****Added Item**

Drag And Drop File Input CAF control

**Description**

Replaces the Drag And Drop applet.

Client-side validation support for the CAF File Validator

With the recent HTML5 changes in browsers, it is now possible to perform client-side validation of the value specified in the file input element.

Client-side validation prevents uploading the wrong type of file to the server or uploading files that are too large.

The browsers that support this capability are:

Google Chrome version 6.0 and higher  
Internet Explorer version 10.0 and higher  
Firefox version 3.6 and higher

For browsers that do not support HTML5, server-side validation would have to be performed instead.

Support for the "multiple" attribute in the File Input CAF control

With the "multiple" attribute enabled, you can select and upload more than one file using the File Input control.

When the "multiple" attribute is enabled, the value of the control should be bound to a List<Part> object.

The browsers that support this capability are:

Google Chrome version 6.0 and higher  
Internet Explorer version 10.0 and higher  
Firefox version 3.6 and higher

If using other browsers, you can select only a single file through the File Input control.

Added Item	Description
<p>Support for standard JavaServer Faces ( JSF) 2 methods to do Ajax requests</p> <p>webMethods Task Development now supports the String List data type when you configure task assignees with a webMethods Business Rules decision table in Software AG Designer.</p>	<p>CAF used a proprietary technique for performing partial page updates (Ajax) before the JSF standard offered support for Ajax requests. Now CAF supports the JSF 2.x standard for doing Ajax requests, replacing the proprietary technique.</p> <p>You can assign a task to multiple user IDs by using a String List in the assignee field of your IS document type. For more information about working with task assignments, see <i>webMethods BPM Task Development Help</i>.</p>

Changed Item	Description
<p>The Attachments List CAF control has been improved.</p> <p>The SOAP Monitor, Color Picker, and File Attachment applets have been converted to CAF components.</p> <p>The CAF project classpath has been simplified.</p>	<p>The changes to the Attachments List control include replacing the Java applet-based drag and drop panel with an HTML5-based equivalent.</p> <p>In more recent versions of Chrome and Firefox applets are disabled by default and must be manually enabled. Applets represent security risks.</p> <p>When you create a new portlet application or web application project in Software AG Designer, on the JSF Capabilities page of the new project wizard, selecting the <b>CAF Libraries</b> JSF implementation library now displays the following message: 'The targeted "My webMethods Server" runtime will contribute the libraries required by this facet to the project classpath.'</p> <p>Also, when you specify project properties by right-clicking the project and going to <b>Properties &gt; Project Facets &gt; Java Server Faces &gt; CAF Libraries</b>, the properties wizard displays the same message.</p> <p>To clean up the project classpath for existing projects, right-click the project and go to <b>CAF Tools &gt; Repair CAF Project</b>.</p>

Deprecated Item	Replacement, if any
<p>Applet CAF control</p>	



## **Release 9.9**

<b>Changed Item</b>	<b>Description</b>
The internal structure of the Import Template View CAF control	Instead of being direct children of the Import Template View control, the controls loaded from the imported view are now held in a new "__viewLoaded" facet. However, because a facet can contain only one component, the imported controls are wrapped in a UIPanel control. As a result, the direct parent of the imported controls is the UIPanel wrapper, and the Import Template View control, in turn, is the parent of the UIPanel wrapper.

## **Release 9.8**

<b>Changed Item</b>	<b>Description</b>
Update JSF library to version 2.2.8.	The JSF library is updated to version 2.2.8 to integrate bug fixes from the community.
Switch to new JSF 2.2 tag library namespaces.	In JSF 2.2, the core JSF tag library namespaces that start with <code>http://java.sun.com/jsf/</code> are renamed to <code>http://xmlns.jcp.org/jsf/*</code> . CAF has switched to using the new namespaces for new projects in order to avoid using deprecated items.

## **9.0 Added, Removed, Deprecated, or Changed APIs**

A release is listed in this section only if changes occurred in that release.

### **Release 10.3**

<b>Added API</b>	<b>Description</b>
<code>com.softwareag.mws.screens.BaseScreenClass</code> : Class <code>com.softwareag.mws.screens.BaseScreenClass</code> added	
<code>com.softwareag.mws.screens.Constants</code> : Class <code>com.softwareag.mws.screens.Constants</code> added	
<code>com.softwareag.mws.screens.MWSLoginLogoutScreen</code> : Class <code>com.softwareag.mws.screens.MWSLoginLogoutScreen</code> added	
<code>com.softwareag.mws.screens.applications.administration.systemwide.usermanagement.UsersScreen</code> : Class	

com.softwareag.mws.screens.applications.administration.systemwide.usermanagement.UsersScreen added

com.webmethods.bpm.process.impl.BpmProcess: Method 'protected void loadFromIS()' has been added

com.webmethods.bpm.process.impl.BpmProcessManager: Method 'public BpmProcessManager()' has been added

com.webmethods.bpm.process.impl.BpmProcessManager: Method 'public java.lang.String getDatasourceLibMode()' has been added

com.webmethods.bpm.process.impl.BpmProcessManagerIS: Class  
com.webmethods.bpm.process.impl.BpmProcessManagerIS added

com.webmethods.bpm.process.impl.db.common.LoadProcessStepsIS: Class  
com.webmethods.bpm.process.impl.db.common.LoadProcessStepsIS added

com.webmethods.caf.common.ServerCommon: Class com.webmethods.caf.common.ServerCommon added

com.webmethods.caf.common.XMLUtil: Method 'public javax.xml.parsers.DocumentBuilderFactory getBuilderFactory()' has been added

com.webmethods.caf.common.XMLUtil: Method 'public javax.xml.parsers.SAXParserFactory getSAXParserFactory()' has been added

com.webmethods.caf.common.XMLUtil: Method 'public org.xml.sax.XMLReader getXMLParser(java.lang.ClassLoader)' has been added

com.webmethods.caf.faces.application.CAFValueExpression: Method 'public java.lang.Object getCAFValue(javax.el.ELContext)' has been added

com.webmethods.caf.faces.data.object.ObjectMethodContentProvider: Method 'protected boolean isSessionExpired()' has been added

com.webmethods.caf.faces.data.task.TaskBusinessCalendarModel: Method 'protected  
com.webmethods.sc.calendar.IWorkdayCalendar getCalendarByID(java.lang.String)' has been added

com.webmethods.caf.faces.data.ws.wss.WSSContentProvider: Method 'protected boolean isSessionExpired()' has been added

com.webmethods.caf.faces.portlet.PortletViewHandler: Method 'protected java.lang.String convertViewId(javax.faces.context.FacesContext, java.lang.String)' has been added

com.webmethods.caf.faces.render.html.input.DateInputRenderer: Method 'protected java.lang.Object convertDate(javax.faces.context.FacesContext, javax.faces.component.UIComponent, java.lang.Object, boolean, boolean)' has been added

com.webmethods.caf.wsclient.util.WSClientUtil: Method 'public java.util.Map constructClientAPI(java.lang.Class, java.lang.String, java.lang.String)' has been added

com.webmethods.caf.wsclient.util.WSClientUtil: Method 'public void reloadResource(java.lang.Class)' has been added

com.webmethods.caf.wsclient.util.XSDDateFormatMWS: Class  
com.webmethods.caf.wsclient.util.XSDDateFormatMWS added

com.webmethods.portal.bizPolicy.command.install.InstallBootstrapComponentsWithDependencies:  
Method 'protected boolean checkRealLocation(java.lang.String)' has been added

com.webmethods.portal.bizPolicy.command.install.InstallBootstrapComponentsWithDependencies:  
Method 'protected java.lang.String getComponentRealLocation(java.lang.String)' has been added

com.webmethods.portal.bizPolicy.command.system.xml.XMLImportContent: Method 'protected  
boolean checkResourceExists(java.lang.String)' has been added

com.webmethods.portal.bizPolicy.command.system.xml.XMLImportIncludeIS: Method 'protected  
java.io.InputStream getISTaskAppStream(java.lang.String, java.lang.String)' has been added

com.webmethods.portal.bizPolicy.impl.BootstrapPhase: Method 'protected void  
waitForOSGIServices()' has been added

com.webmethods.portal.jms.JMSPhaseProvider: Method 'protected void  
bindGlobalProvider(com.webmethods.portal.service.global.IGlobalProvider)' has been added

com.webmethods.portal.jms.JMSPhaseProvider: Method 'protected void  
bindRemoteEventDelivery(com.webmethods.portal.system.init.IInitializable)' has been added

com.webmethods.portal.mech.dir.impl.DirMechanicsUtils: Method 'public  
com.webmethods.portal.service.meta2.IUserService getUserService()' has been added

com.webmethods.portal.mech.dir.impl.DirMechanicsUtils: Method 'public  
com.webmethods.portal.service.meta2.thing.IThingID  
initializeUserWithResult(com.webmethods.portal.system.IURI)' has been added

com.webmethods.portal.mech.dir.impl.DirMechanicsUtils: Method 'public void  
initializeUser(com.webmethods.portal.system.IURI)' has been added

com.webmethods.portal.mech.install.impl.BasicInstallMechanics: Method 'protected boolean  
checkNeedsComponent(java.util.List, java.lang.String)' has been added

com.webmethods.portal.mech.install.impl.BasicInstallMechanics: Method 'protected java.lang.String  
getComponentLocationToRealLocation(java.lang.String)' has been added

com.webmethods.portal.mech.install.impl.InstallResolver: Method 'public void  
init(com.webmethods.portal.system.IComponentData, java.lang.String)' has been added

com.webmethods.portal.mech.install.impl.PortletInstallMechanics: Method 'protected  
com.webmethods.portal.service.portlet.info.IPortletInfo loadPortletInfo(java.lang.String)' has been  
added

com.webmethods.portal.mech.install.impl.UpgradeInstallComponentData: Method 'protected  
java.lang.String getComponentLocationToRealLocation(java.lang.String)' has been added

com.webmethods.portal.mech.portlet.IPortletProviderMechanics: Method 'public  
com.webmethods.portal.service.portlet.info.IPortletInfo getPortletInfo(java.io.InputStream,  
java.io.InputStream)' has been added to an interface

com.webmethods.portal.mech.portlet.impl.PortletProviderMechanics: Method 'public com.webmethods.portal.service.portlet.info.IPortletInfo getPortletInfo(java.io.InputStream, java.io.InputStream)' has been added

com.webmethods.portal.mech.portlet.impl.PortletProviderMechanics: Method 'public void init(com.webmethods.portal.system.IComponentData, java.lang.String)' has been added

com.webmethods.portal.mech.socialbpm.comments.impl.CommentsMechanics: Method 'public com.webmethods.portal.service.meta2.thing.IThingID getThingID(com.webmethods.portal.system.IURI)' has been added

com.webmethods.portal.mech.sql.impl.ConnectionManagerMechanicsIS: Class  
com.webmethods.portal.mech.sql.impl.ConnectionManagerMechanicsIS added

com.webmethods.portal.mech.task.ITaskHelper: Method 'public com.webmethods.portal.system.lock.IClusterLockingService getLockingService()' has been added to an interface

com.webmethods.portal.mech.task.impl.TaskChangeHandler: Method 'public TaskChangeHandler()' has been added

com.webmethods.portal.mech.task.impl.TaskChangeHandlerIS: Method 'public void ensureTaskLwqFileExist(java.lang.String)' has been added

com.webmethods.portal.mech.task.impl.TaskCompletionHandlerIS: Class  
com.webmethods.portal.mech.task.impl.TaskCompletionHandlerIS added

com.webmethods.portal.mech.task.impl.TaskHelper: Method 'public com.webmethods.portal.system.lock.IClusterLockingService getLockingService()' has been added

com.webmethods.portal.mech.task.impl.TaskHelperService: Method 'public com.webmethods.portal.system.lock.IClusterLockingService getLockingService()' has been added

com.webmethods.portal.mech.task.impl.TaskMechanics: Method 'protected void initHandlers(com.webmethods.portal.system.IComponentData, java.lang.String)' has been added

com.webmethods.portal.mech.task.impl.TaskMechanicsIS: Method 'protected void initHandlers(com.webmethods.portal.system.IComponentData, java.lang.String)' has been added

com.webmethods.portal.mech.task.impl.TaskScheduleHandlerIS: Class  
com.webmethods.portal.mech.task.impl.TaskScheduleHandlerIS added

com.webmethods.portal.mech.task.impl.TaskTimedEventHandlerIS: Class  
com.webmethods.portal.mech.task.impl.TaskTimedEventHandlerIS added

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public boolean isForceNewTab(com.webmethods.portal.service.view.IView)' has been added

com.webmethods.portal.service.dir.IDirPrincipal: Method 'public boolean isInitialized()' has been added to an interface

com.webmethods.portal.service.dir.impl.DirSystem: Method 'public void onSynchronousEvent(com.webmethods.portal.event.dir.IDirPrincipalDeleteEvent)' has been added

com.webmethods.portal.service.install.impl.BaseInstallService: Method 'protected java.lang.String getLocation(java.lang.String, java.lang.String)' has been added

com.webmethods.portal.service.install.impl.BaseInstallService: Method 'protected void registerComponent(com.webmethods.portal.system.IInitializableComponentData, java.lang.String)' has been added

com.webmethods.portal.service.install.impl.PdpInstallService: Method 'protected com.webmethods.portal.schema.wmportletapp.PortletType \_loadPortletType(java.util.Map)' has been added

com.webmethods.portal.service.install.impl.PdpInstallService: Method 'protected void \_doRegisterComponent(java.util.Map)' has been added

com.webmethods.portal.service.install.impl.PdpInstallService: Method 'protected void \_saveTempPortletInitData(java.util.Map)' has been added

com.webmethods.portal.service.meta2.util.ThingHelper: Class com.webmethods.portal.service.meta2.util.ThingHelper added

com.webmethods.portal.service.portlet.IPortletProvider: Method 'public com.webmethods.portal.service.portlet.info.IPortletInfo getPortletInfo(java.io.InputStream, java.io.InputStream)' has been added to an interface

com.webmethods.portal.service.portlet.impl.PortletProvider: Method 'public com.webmethods.portal.service.portlet.info.IPortletInfo getPortletInfo(java.io.InputStream, java.io.InputStream)' has been added

com.webmethods.portal.service.socialbpm.comments.impl.CommentsServiceIS: Class com.webmethods.portal.service.socialbpm.comments.impl.CommentsServiceIS added

com.webmethods.portal.service.sql.ISqlWorker: Method 'public void close()' has been added to an interface

com.webmethods.portal.service.sql.core.BaseSqlWorker: Method 'public boolean isCurrentlyInUse()' has been added

com.webmethods.portal.service.sql.core.BaseSqlWorker: Method 'public void close()' has been added

com.webmethods.portal.service.sql.runtime.base.CommentEntryUserDeleted: Class com.webmethods.portal.service.sql.runtime.base.CommentEntryUserDeleted added

com.webmethods.portal.service.task.ITaskDefinition: Method 'public com.softwareag.caf.shared.task.core.model.TaskDataDefTable getTaskDataTable()' has been added to an interface

com.webmethods.portal.service.task.ITaskSystem: Method 'public com.webmethods.portal.system.lock.IClusterLockingService getLockingService()' has been added to an interface

com.webmethods.portal.service.task.event.impl.TaskChangedEvent: Method 'public boolean isHiddenUpdate()' has been added

com.webmethods.portal.service.task.event.impl.TaskChangedEvent: Method 'public void setHiddenUpdate(boolean)' has been added

com.webmethods.portal.service.task.impl.TaskClassLoaderFactory: Method 'public java.net.URLClassLoader getTaskClassLoader(java.lang.String)' has been added

com.webmethods.portal.service.task.impl.TaskClassLoaderFactory: Method 'public void removeTaskClassLoader(java.lang.String)' has been added

com.webmethods.portal.service.task.impl.TaskDefinitionView: Method 'public com.softwareag.caf.shared.task.core.model.TaskDataDefTable getTaskDataTable()' has been added

com.webmethods.portal.service.task.impl.TaskDistributionServiceIS: Class  
com.webmethods.portal.service.task.impl.TaskDistributionServiceIS added

com.webmethods.portal.service.task.impl.TaskProcessAuditServiceIS: Class  
com.webmethods.portal.service.task.impl.TaskProcessAuditServiceIS added

com.webmethods.portal.service.task.impl.TaskSystem: Method 'protected void bindClusterLockingService(com.webmethods.portal.system.lock.IClusterLockingService)' has been added

com.webmethods.portal.service.task.impl.TaskSystem: Method 'public com.webmethods.portal.system.lock.IClusterLockingService getLockingService()' has been added

com.webmethods.portal.system.BaseComponent: Method 'protected void bindGlobalProvider(com.webmethods.portal.service.global.IGlobalProvider)' has been added

com.webmethods.portal.system.PortalSystem: Method 'public boolean isTELlibrary()' has been added

com.webmethods.portal.system.init.impl.ClusterPhaseProvider: Method 'protected java.lang.String getLocalConfigRootPath()' has been added

com.webmethods.portal.system.init.impl.ClusterPhaseProvider: Method 'protected void initDbConnection()' has been added

com.webmethods.portal.system.lock.impl.LockKey: Class  
com.webmethods.portal.system.lock.impl.LockKey added

com.webmethods.portal.webapp.jetty7.WebApplicationInstallService: Method 'protected java.lang.String checkTaskAppVersionIsUptodate(java.lang.String)' has been added

com.webmethods.portal.webapp.jetty7.WebApplicationInstallService: Method 'protected void fixOldTaskClasses(java.io.File, java.lang.String)' has been added

com.webmethods.rtl.locator.impl.ClassLocator: Method 'public ClassLocator(java.lang.String, java.lang.String)' has been added

com.webmethods.rtl.tools.PrettyProperties\$NameValue: Class  
com.webmethods.rtl.tools.PrettyProperties\$NameValue added

com.webmethods.rtl.tools.PrettyProperties: Class com.webmethods.rtl.tools.PrettyProperties added

com.webmethods.rtl.util.xml.XMLUtil: Method 'public java.lang.String toString(org.w3c.dom.Node,

int, boolean)' has been added

com.webmethods.caf.faces.portlet.PortletViewHandler: Added

com.sun.faces.application.view.MultiViewHandler to the list of superclasses

com.webmethods.caf.jcr.faces.data.query.PropertySearchTerm: Added protected field sRandom

com.webmethods.caf.wsclient.proxy.impl.WSClientDynamicProxy: Added public field REMOVE\_WSDL\_FROM\_GLUE\_CACHE

com.webmethods.mws.acdl.GenerateAcdlForProject: Added public field OPTION\_IS\_TASK\_ENGINE

com.webmethods.portal.bizPolicy.command.task.webservice.QueueTaskWS: Added protected field DELAY\_DEFAULT\_VALUE

com.webmethods.portal.framework.dispatch.handlers.directory.ExportUserAttributesHandler: Added public field DB\_ATTRIBUTES\_PROVIDER

com.webmethods.portal.framework.dispatch.handlers.directory.ExportUserAttributesHandler: Added public field DB\_ATTR\_TITLE

com.webmethods.portal.framework.dispatch.handlers.directory.ExportUserAttributesHandler: Added public field LDAP\_ATTRIBUTES\_PROVIDER

com.webmethods.portal.framework.dispatch.handlers.directory.ExportUserAttributesHandler: Added public field LDAP\_ATTR\_TITLE

com.webmethods.portal.framework.dispatch.handlers.directory.ExportUserAttributesHandler: Added public field PROFILE\_ATTRIBUTES\_PROVIDER

com.webmethods.portal.framework.dispatch.handlers.directory.ExportUserAttributesHandler: Added public field USER\_INFORMATION\_TITLE

com.webmethods.portal.framework.dispatch.handlers.directory.ExportUserAttributesHandler: Added public field USER\_PROFILE\_ATTR\_TITLE

com.webmethods.portal.framework.presentation.renderers.DefaultRenderer: Added public field CONTENT\_SECURITY\_CUSTOM\_HOSTS\_PROP

com.webmethods.portal.framework.presentation.renderers.DefaultRenderer: Added public field CONTENT\_SECURITY\_DISABLED\_PROP

com.webmethods.portal.framework.presentation.renderers.DefaultRenderer: Added public field CONTENT\_SECURITY\_POLICY\_ENABLED

com.webmethods.portal.service.dir.impl.DirSystem: Added

com.webmethods.portal.event.dir.IDirPrincipalDeleteEvent\$ISynchronousListener to the set of implemented interfaces

com.webmethods.portal.service.sql.ISqlWorker: Added java.lang.AutoCloseable to the set of implemented interfaces

com.webmethods.portal.service.sql.core.BaseSqlWorker: Added java.lang.AutoCloseable to the set of implemented interfaces

com.webmethods.portal.service.sql.core.ConnectionManager: Added public field ORACLE\_URL\_PARSER\_EXPRESSION\_SERVICENAME

com.webmethods.portal.service.sql.core.ConnectionManager: Added public field ORACLE\_URL\_TEMPLATE\_SERVICENAME

com.webmethods.portal.service.task.event.impl.TaskChangedEvent: Added protected field hiddenUpdate

com.webmethods.portal.service.task.impl.TaskClassLoaderFactory: Added public field TASK\_ASSETS\_HOME\_PROP

com.webmethods.portal.system.PortalSystem: Added public field TASK\_ENGINE\_LIBRARY\_MODE

com.webmethods.rtl.locator.impl.StreamLocatorFactory: Added public field TEMP\_PROTOCOL

## Removed API

## Replacement, if any

com.webmethods.caf.faces.portlet.PortletViewHandler: Method 'public java.lang.Object getWrapped()' has been removed

com.webmethods.caf.faces.portlet.PortletViewHandler: Method 'public javax.faces.application.ViewHandler getWrapped()' has been removed

com.webmethods.portal.bizPolicy.command.dir.rs.BasePrincipalResource: Method 'protected java.util.List getProfileAttributes(com.webmethods.portal.bizPolicy.IContext, com.webmethods.portal.service.dir.IDirPrincipal)' has been removed

com.webmethods.portal.bizPolicy.command.system.xml.XMLImportContextIS: Method 'protected com.webmethods.portal.system.IURI importNode(com.webmethods.portal.bizPolicy.IContext, org.w3c.dom.Element, com.webmethods.portal.system.IURI, java.util.List)' has been removed, but an inherited definition exists.

com.webmethods.portal.event.impl.RemoteEventDeliveryInitializer: Method 'protected void bindJMSPhaseProvider(com.webmethods.portal.system.IComponent)' has been removed

com.webmethods.portal.framework.mech.install.PortletAppilcationInstallMechanics: Method 'protected void clearContextRequestAttributes(com.webmethods.portal.bizPolicy.IContext)' has been removed

com.webmethods.portal.mech.task.ITaskHelper: Method 'public com.webmethods.portal.service.task.ITaskLockingService getTaskLockingService()' has been removed

com.webmethods.portal.mech.task.impl.TaskHelperService: Method 'public com.webmethods.portal.service.task.ITaskLockingService getTaskLockingService()' has been removed

com.webmethods.portal.mech.task.impl.TaskMechanicsIS: Method 'protected com.webmethods.portal.service.task.ITaskList listTasks(com.webmethods.portal.system.IURI, com.webmethods.portal.service.task.TaskSearchQuery, boolean, boolean)' has been removed, but an inherited definition exists.

com.webmethods.portal.service.task.ITaskLockingService: Method 'public



com.webmethods.portal.system.lock.IClusterLock acquireLock(com.webmethods.portal.system.IURI, com.webmethods.portal.system.IURI, long, long)' has been removed

com.webmethods.portal.service.task.ITaskLockingService: Method 'public com.webmethods.portal.system.lock.IClusterLock acquireLock(com.webmethods.portal.system.IURI, com.webmethods.portal.system.IURI, long, long, boolean)' has been removed

com.webmethods.portal.service.task.impl.TaskClassLoaderFactory\$ITaskClassLoader: Class  
com.webmethods.portal.service.task.impl.TaskClassLoaderFactory\$ITaskClassLoader removed

com.webmethods.portal.service.task.impl.TaskLockingService: Method 'public com.webmethods.portal.system.lock.IClusterLock acquireLock(com.webmethods.portal.system.IURI, com.webmethods.portal.system.IURI, long, long)' has been removed

com.webmethods.portal.service.task.impl.TaskLockingService: Method 'public com.webmethods.portal.system.lock.IClusterLock acquireLock(com.webmethods.portal.system.IURI, com.webmethods.portal.system.IURI, long, long, boolean)' has been removed

com.webmethods.portal.service.task.impl.TaskLockingService: Method 'public long getDbTimeOffset()' has been removed

com.webmethods.portal.system.lock.impl.ClusterLockingService: Method 'public long getDbTimeOffset()' has been removed

com.webmethods.rtl.util.PrettyProperties\$NameValue: Class  
com.webmethods.rtl.util.PrettyProperties\$NameValue removed

com.webmethods.rtl.util.PrettyProperties: Class com.webmethods.rtl.util.PrettyProperties removed

com.webmethods.caf.faces.portlet.PortletViewHandler: Removed field wrapped

com.webmethods.caf.faces.portlet.PortletViewHandler: Removed javax.faces.FacesWrapper from the set of implemented interfaces

com.webmethods.caf.faces.portlet.PortletViewHandler: Removed  
javax.faces.application.ViewHandlerWrapper from the list of superclasses

com.webmethods.caf.jcr.faces.data.query.PropertySearchTerm: Removed field random

com.webmethods.portal.mech.task.impl.TaskMechanics: Removed field  
MIN\_INBOX\_SEARCH\_THREADS

com.webmethods.portal.mech.task.impl.TaskMechanics: Removed field  
MIN\_TASK\_UPDATE\_THREADS

## Deprecated API

## Replacement, if any

com.webmethods.portal.mech.task.impl.TaskHelper: Method 'public com.webmethods.portal.service.task.ITaskLockingService getTaskLockingService()' has been deprecated

com.webmethods.portal.service.sql.ISqlWorker: Method 'public void release()' has been deprecated

com.webmethods.portal.service.sql.core.BaseSqlWorker: Method 'public void release()' has been deprecated

## Changed API

## Description

com.webmethods.caf.faces.component.output.ChartDataColumn: Parameter 1 of 'public void setItemValue(java.lang.Number)' has changed its type to java.lang.Object

com.webmethods.caf.faces.component.output.ChartDataColumn: Return type of method 'public java.lang.Number getItemValue()' has been changed to java.lang.Object

com.webmethods.caf.faces.portlet.PortletViewHandler: In method 'public PortletViewHandler(javax.faces.application.ViewHandler)' the number of arguments has changed

com.webmethods.caf.faces.render.html.input.DateInputRenderer: In method 'protected void writeTimeZone(javax.faces.context.FacesContext, javax.faces.component.UIComponent, java.util.Date)' the number of arguments has changed

com.webmethods.portal.mech.task.impl.TaskMechanics: In method 'public void fireTaskChangedEvent(com.webmethods.portal.system.IURI, com.webmethods.portal.system.IURI, com.webmethods.portal.service.task.ITask, com.webmethods.portal.service.task.ITask, java.lang.Object, java.lang.Object, int, boolean)' the number of arguments has changed

com.webmethods.portal.service.task.impl.TaskClassLoaderFactory: In method 'public java.lang.Object getTaskInstance(java.lang.String)' the number of arguments has changed

com.webmethods.portal.service.task.impl.TaskClassLoaderFactory: In method 'public void addTaskClassLoader(com.webmethods.portal.service.task.impl.TaskClassLoaderFactory\$ITaskClassLoader)' the number of arguments has changed

com.webmethods.portal.system.lock.IClusterLockingService: In method 'public com.webmethods.portal.system.lock.IClusterLock acquireLock(com.webmethods.portal.system.IURI, com.webmethods.portal.system.IURI, long, long, boolean)' the number of arguments has changed

com.webmethods.portal.system.lock.IClusterLockingService: Parameter 2 of 'public com.webmethods.portal.system.lock.IClusterLock acquireLock(com.webmethods.portal.system.IURI, com.webmethods.portal.system.IURI, long, long)' has changed its type to long

com.webmethods.portal.system.lock.IClusterLockingService: Parameter 4 of 'public com.webmethods.portal.system.lock.IClusterLock acquireLock(com.webmethods.portal.system.IURI, com.webmethods.portal.system.IURI, long, long)' has changed its type to boolean

com.webmethods.portal.system.lock.impl.ClusterLockingService: In method 'public com.webmethods.portal.system.lock.IClusterLock acquireLock(com.webmethods.portal.system.IURI, com.webmethods.portal.system.IURI, long, long, boolean)' the number of arguments has changed

com.webmethods.portal.system.lock.impl.ClusterLockingService: Parameter 2 of 'public com.webmethods.portal.system.lock.IClusterLock acquireLock(com.webmethods.portal.system.IURI, com.webmethods.portal.system.IURI, long, long)' has changed its type to long

com.webmethods.portal.system.lock.impl.ClusterLockingService: Parameter 4 of 'public

com.webmethods.portal.system.lock.IClusterLock acquireLock(com.webmethods.portal.system.IURI, com.webmethods.portal.system.IURI, long, long)' has changed its type to boolean

com.webmethods.rtl.util.xml.XMLUtil: In method 'protected void \_dumpXML(org.w3c.dom.Node, java.io.Writer, int, int)' the number of arguments has changed

## **Release 10.2**

### **Added API**

### **Description**

com.softwareag.mws.screens.BaseScreenClass Class com.softwareag.mws.screens.BaseScreenClass added

com.softwareag.mws.screens.Constants Class com.softwareag.mws.screens.Constants added

com.softwareag.mws.screens.MWSLoginLogoutScreen Class  
com.softwareag.mws.screens.MWSLoginLogoutScreen added

com.softwareag.mws.screens.applications.administration.systemwide.usermanagement.UsersScreen Class  
com.softwareag.mws.screens.applications.administration.systemwide.usermanagement.UsersScreen added

com.webmethods.caf.common.cipher.MWSCipherDataStore Class  
com.webmethods.caf.common.cipher.MWSCipherDataStore added

com.webmethods.caf.common.cipher.MWSCipherMasterPassword Class  
com.webmethods.caf.common.cipher.MWSCipherMasterPassword added

com.webmethods.caf.common.cipher.SecretDS Class com.webmethods.caf.common.cipher.SecretDS added

com.webmethods.caf.faces.component.util.ShadowComponentMapCacheEntry Class  
com.webmethods.caf.faces.component.util.ShadowComponentMapCacheEntry added

com.webmethods.caf.faces.data.attachments.BasePortalContainerAttachmentsProvider Method 'public java.lang.String getEncoding(java.lang.String)' has been added

com.webmethods.caf.faces.data.comments.impl.CommentsListProvider Method 'public com.webmethods.portal.service.access.IAclManager createAclManager(java.lang.String, java.lang.String)' has been added

com.webmethods.portal.bizPolicy.biz.task.impl.TaskAuditBizPolicy Method 'public java.util.Collection getWebServiceCommands(com.webmethods.portal.bizPolicy.IContext)' has been added

com.webmethods.portal.bizPolicy.command.IJSONAdapter Method 'public java.util.Map getSchemaFields(java.lang.Class, java.util.Map, com.webmethods.portal.bizPolicy.command.IJSONAdapterFactory, java.util.Map)' has been added to an interface

com.webmethods.portal.bizPolicy.command.IJSONAdapterFactory Method 'public java.util.Map

getSchemaFields(java.lang.Class, java.util.Map, java.util.Map)' has been added to an interface

com.webmethods.portal.bizPolicy.command.alias.SetThingAliases Method 'protected void checkAccess(com.webmethods.portal.bizPolicy.IContext, com.webmethods.portal.mech.alias.IAliasMechanics, com.webmethods.portal.system.IURI)' has been added

com.webmethods.portal.bizPolicy.command.dir.rs.BasePrincipalResource Method 'protected java.util.List getProfileAttributes(com.webmethods.portal.bizPolicy.IContext, com.webmethods.portal.service.dir.IDirPrincipal)' has been added

com.webmethods.portal.bizPolicy.command.dir.rs.BasePrincipalResource Method 'public javax.ws.rs.core.Response getPersonalData(javax.servlet.http.HttpServletRequest, java.lang.String)' has been added

com.webmethods.portal.bizPolicy.command.dir.rs.DirJSONAdapter Method 'public java.util.Map getSchemaFields(java.lang.Class, java.util.Map, com.webmethods.portal.bizPolicy.command.IJSONAdapterFactory, java.util.Map)' has been added

com.webmethods.portal.bizPolicy.command.impl.CommandBean Method 'protected java.text.SimpleDateFormat getSDF()' has been added

com.webmethods.portal.bizPolicy.command.impl.CommandBean Method 'protected java.text.SimpleDateFormat getSDFDotNet()' has been added

com.webmethods.portal.bizPolicy.command.impl.JSONAdapterFactory Method 'public java.util.Map getSchemaFields(java.lang.Class, java.util.Map, java.util.Map)' has been added

com.webmethods.portal.bizPolicy.command.impl.rs.AbstractJSONAdapter Class  
com.webmethods.portal.bizPolicy.command.impl.rs.AbstractJSONAdapter added

com.webmethods.portal.bizPolicy.command.impl.rs.BaseRestResource Method 'protected java.lang.String sanitizeMessage(java.lang.String)' has been added

com.webmethods.portal.bizPolicy.command.impl.rs.BaseRestResource Method 'protected javax.ws.rs.core.Response sendException(javax.servlet.http.HttpServletRequest, java.lang.Exception, java.lang.String, int)' has been added

com.webmethods.portal.bizPolicy.command.impl.rs.BasicJSONAdapter Method 'protected com.webmethods.portal.service.view.IView getView(com.webmethods.portal.system.IURI)' has been added

com.webmethods.portal.bizPolicy.command.impl.rs.BasicJSONAdapter Method 'protected void addIfNotSetAndNonNullValue(java.lang.String, java.lang.Object, java.util.Map)' has been added

com.webmethods.portal.bizPolicy.command.impl.rs.BasicJSONAdapter Method 'public java.util.Map getSchemaFields(java.lang.Class, java.util.Map, com.webmethods.portal.bizPolicy.command.IJSONAdapterFactory, java.util.Map)' has been added

com.webmethods.portal.bizPolicy.command.impl.rs.BizPolicyResource Class  
com.webmethods.portal.bizPolicy.command.impl.rs.BizPolicyResource added

com.webmethods.portal.bizPolicy.command.impl.rs.CommandDocBuilder Class

com.webmethods.portal.bizPolicy.command.impl.rs.CommandDocBuilder added

com.webmethods.portal.bizPolicy.command.impl.rs.CommandResource Method 'public javax.ws.rs.core.Response getCommandSpecification(javax.servlet.http.HttpServletRequest, javax.servlet.http.HttpServletResponse, java.lang.String)' has been added

com.webmethods.portal.bizPolicy.command.impl.rs.CommandResource Method 'public javax.ws.rs.core.Response getSpecification(javax.servlet.http.HttpServletRequest)' has been added

com.webmethods.portal.bizPolicy.command.impl.rs.ConnectionInfoJSONAdapter Method 'public java.util.Map getSchemaFields(java.lang.Class, java.util.Map, com.webmethods.portal.bizPolicy.command.IJSONAdapterFactory, java.util.Map)' has been added

com.webmethods.portal.bizPolicy.command.impl.rs.DefaultJSONAdapter Class  
com.webmethods.portal.bizPolicy.command.impl.rs.DefaultJSONAdapter added

com.webmethods.portal.bizPolicy.command.impl.rs.util.FluentList Class  
com.webmethods.portal.bizPolicy.command.impl.rs.util.FluentList added

com.webmethods.portal.bizPolicy.command.impl.rs.util.FluentMap Class  
com.webmethods.portal.bizPolicy.command.impl.rs.util.FluentMap added

com.webmethods.portal.bizPolicy.command.impl.rs.util.FluentOrderedMap Class  
com.webmethods.portal.bizPolicy.command.impl.rs.util.FluentOrderedMap added

com.webmethods.portal.bizPolicy.command.impl.rs.util.IFluentMap Class  
com.webmethods.portal.bizPolicy.command.impl.rs.util.IFluentMap added

com.webmethods.portal.bizPolicy.command.page.ModifyPage2IS Class  
com.webmethods.portal.bizPolicy.command.page.ModifyPage2IS added

com.webmethods.portal.bizPolicy.command.system.xml.XMLImportContextIS Class  
com.webmethods.portal.bizPolicy.command.system.xml.XMLImportContextIS added

com.webmethods.portal.bizPolicy.command.system.xml.XMLImportIncludeIS Class  
com.webmethods.portal.bizPolicy.command.system.xml.XMLImportIncludeIS added

com.webmethods.portal.bizPolicy.command.task.rs.TaskJSONAdapter Class  
com.webmethods.portal.bizPolicy.command.task.rs.TaskJSONAdapter added

com.webmethods.portal.bizPolicy.command.task.webservice.UpdateTaskAttachmentWS\$updateTaskAttachmentCommandBean Method 'protected boolean excludePropertyDescriptor(java.lang.String)' has been added

com.webmethods.portal.bizPolicy.command.task.webservice.UpdateTaskAttachmentWS\$updateTaskAttachmentCommandBean Method 'public void setAttachmentID(java.lang.String)' has been added

com.webmethods.portal.event.dir.IDirPrincipalDeleteEvent Method 'public com.webmethods.portal.service.meta2.thing.IThingID getGetDirectoryServiceThingID()' has been added to an interface

com.webmethods.portal.event.dir.IDirPrincipalDeleteEvent Method 'public  
com.webmethods.portal.system.IURI getDirectoryURI()' has been added to an interface

com.webmethods.portal.event.dir.IDirPrincipalDeleteEvent Method 'public java.lang.String  
getEmail()' has been added to an interface

com.webmethods.portal.event.dir.IDirPrincipalDeleteEvent Method 'public java.lang.String  
getPrincipalDN()' has been added to an interface

com.webmethods.portal.event.dir.IDirPrincipalModifyEvent Method 'public java.lang.Object  
getPropertyOldValue()' has been added to an interface

com.webmethods.portal.event.dir.impl.DirPrincipalDeleteEvent Method 'public  
DirPrincipalDeleteEvent(com.webmethods.portal.service.dir.IDirPrincipal,  
com.webmethods.portal.service.dir.IDirPrincipalList,  
com.webmethods.portal.service.dir.IDirPrincipalList,  
com.webmethods.portal.service.meta2.thing.IThingID)' has been added

com.webmethods.portal.event.dir.impl.DirPrincipalDeleteEvent Method 'public  
com.webmethods.portal.service.meta2.thing.IThingID getGetDirectoryServiceThingID()' has been  
added

com.webmethods.portal.event.dir.impl.DirPrincipalDeleteEvent Method 'public  
com.webmethods.portal.system.IURI getDirectoryURI()' has been added

com.webmethods.portal.event.dir.impl.DirPrincipalDeleteEvent Method 'public  
com.webmethods.portal.system.IURI getPrincipalURI()' has been added

com.webmethods.portal.event.dir.impl.DirPrincipalDeleteEvent Method 'public java.lang.String  
getEmail()' has been added

com.webmethods.portal.event.dir.impl.DirPrincipalDeleteEvent Method 'public java.lang.String  
getPrincipalDN()' has been added

com.webmethods.portal.event.dir.impl.DirPrincipalModifyEvent Method 'public  
DirPrincipalModifyEvent(com.webmethods.portal.system.IURI,  
com.webmethods.portal.service.meta2.thing.IThingID, java.lang.String, java.lang.Object,  
java.lang.Object, com.webmethods.portal.service.meta2.thing.IThingID)' has been added

com.webmethods.portal.event.dir.impl.DirPrincipalModifyEvent Method 'public  
DirPrincipalModifyEvent(com.webmethods.portal.system.IURI, java.lang.String, java.lang.Object,  
java.lang.Object, com.webmethods.portal.service.meta2.thing.IThingID)' has been added

com.webmethods.portal.event.dir.impl.DirPrincipalModifyEvent Method 'public java.lang.Object  
getPropertyOldValue()' has been added

com.webmethods.portal.event.system.IDistributedConfigChangedEvent Class  
com.webmethods.portal.event.system.IDistributedConfigChangedEvent added

com.webmethods.portal.event.system.IDistributedConfigChangedEvent\$IListener Class  
com.webmethods.portal.event.system.IDistributedConfigChangedEvent\$IListener added

com.webmethods.portal.event.system.IDistributedConfigChangedEvent\$ISynchronousListener Class

com.webmethods.portal.event.system.IDistributedConfigChangedEvent\$ISynchronousListener added  
com.webmethods.portal.event.system.IDistributedConfigChangedEvent\$Listeners Class  
com.webmethods.portal.event.system.IDistributedConfigChangedEvent\$Listeners added  
com.webmethods.portal.event.system.IDistributedConfigChangedEvent\$SynchronousListeners Class  
com.webmethods.portal.event.system.IDistributedConfigChangedEvent\$SynchronousListeners added  
com.webmethods.portal.event.system.impl.DistributedConfigChangedEvent Class  
com.webmethods.portal.event.system.impl.DistributedConfigChangedEvent added  
com.webmethods.portal.framework.dispatch.handlers.directory.ExportUserAttributesHandler Class  
com.webmethods.portal.framework.dispatch.handlers.directory.ExportUserAttributesHandler added  
com.webmethods.portal.framework.session.handlers.LoginScript Method 'protected void  
bindSystemPolicy(com.webmethods.portal.bizPolicy.biz.system.ISystemPolicy)' has been added  
com.webmethods.portal.framework.session.handlers.Validate Method 'protected void  
bindJMSPHaseProvider(com.webmethods.portal.system.IComponent)' has been added  
com.webmethods.portal.framework.session.impl.SessionManager Method 'protected void  
bindAuthManager(com.webmethods.portal.framework.IAuthManager)' has been added  
com.webmethods.portal.jms.db.impl.db2.PurgeEvents Method 'protected java.lang.String  
getDeleteEventsQuery()' has been added  
com.webmethods.portal.jms.um.UmJMSConnProvider Method 'protected void  
registerJMSObjects(org.w3c.dom.Element)' has been added  
com.webmethods.portal.mech.dir.IDirServiceMechanics Method 'public void  
fireDeletePrincipalEvent(com.webmethods.portal.service.dir.IDirPrincipal,  
com.webmethods.portal.service.dir.IDirPrincipalList,  
com.webmethods.portal.service.dir.IDirPrincipalList)' has been added to an interface  
com.webmethods.portal.mech.dir.IPrincipalAttributeMechanics Method 'public void  
fireModifyPrincipalEvent(com.webmethods.portal.service.meta2.thing.IThingID,  
com.webmethods.portal.system.IURI, com.webmethods.portal.service.meta2.thing.IThingID,  
java.lang.String, java.lang.Object, java.lang.Object)' has been added to an interface  
com.webmethods.portal.mech.dir.impl.DirServiceMechanics Method 'protected boolean  
isUserPrivacyEnabled()' has been added  
com.webmethods.portal.mech.dir.impl.DirServiceMechanics Method 'public void  
fireDeletePrincipalEvent(com.webmethods.portal.service.dir.IDirPrincipal,  
com.webmethods.portal.service.dir.IDirPrincipalList,  
com.webmethods.portal.service.dir.IDirPrincipalList)' has been added  
com.webmethods.portal.mech.dir.impl.PrincipalAttributeMechanics Method 'public void  
fireModifyPrincipalEvent(com.webmethods.portal.service.meta2.thing.IThingID,  
com.webmethods.portal.system.IURI, com.webmethods.portal.service.meta2.thing.IThingID,  
java.lang.String, java.lang.Object, java.lang.Object)' has been added  
com.webmethods.portal.mech.rules.impl.TEELContext Class

com.webmethods.portal.mech.rules.impl.TEELContext added

com.webmethods.portal.mech.rules.impl.TEExpressionResolver Class  
com.webmethods.portal.mech.rules.impl.TEExpressionResolver added

com.webmethods.portal.mech.schedule.impl.ScheduleMechanicsIS Class  
com.webmethods.portal.mech.schedule.impl.ScheduleMechanicsIS added

com.webmethods.portal.mech.task.impl.TaskChangeHandlerIS Class  
com.webmethods.portal.mech.task.impl.TaskChangeHandlerIS added

com.webmethods.portal.mech.task.impl.TaskContextHelper Class  
com.webmethods.portal.mech.task.impl.TaskContextHelper added

com.webmethods.portal.mech.task.impl.TaskDataHelper Method 'public java.lang.Object[]  
resolveTaskFields(com.webmethods.portal.service.task.ITask,  
com.webmethods.portal.service.task.ITaskData, java.lang.String[])' has been added

com.webmethods.portal.mech.task.impl.TaskMechanics Method 'protected void  
bindMechanicsManager(com.webmethods.portal.mech.IMechanicsManager)' has been added

com.webmethods.portal.mech.task.impl.TaskMechanicsIS Class  
com.webmethods.portal.mech.task.impl.TaskMechanicsIS added

com.webmethods.portal.mech.task.impl.TaskRuleContext Method 'public  
TaskRuleContext(com.webmethods.caf.rules.IRuleContext, java.util.Map)' has been added

com.webmethods.portal.mech.task.impl.TaskRuleContext Method 'public java.util.Map  
getContextMap()' has been added

com.webmethods.portal.mech.task.impl.TaskRuleContext Method 'public void  
setContextMap(java.util.Map)' has been added

com.webmethods.portal.service.access.IAclManager Method 'public void  
setResourceType(java.lang.String)' has been added to an interface

com.webmethods.portal.service.access.IAclManager Method 'public void setUserID(java.lang.String)'  
has been added to an interface

com.webmethods.portal.service.cache.ICacheManager Method 'public void  
configureCache(java.lang.String, java.util.Map)' has been added to an interface

com.webmethods.portal.service.cache.impl.CacheManager Method 'protected java.util.Collection  
getRegistryBasedComponentCollection()' has been added

com.webmethods.portal.service.cache.impl.CacheManager Method 'protected void  
configureCacheFromRegisrty(java.lang.String)' has been added

com.webmethods.portal.service.cache.impl.CacheManager Method 'public void  
configureCache(java.lang.String, java.util.Map)' has been added

com.webmethods.portal.service.dir.IDirCache Method 'public void clearQueryCache()' has been added  
to an interface



com.webmethods.portal.service.dir.IDirServiceThing Class  
com.webmethods.portal.service.dir.IDirServiceThing added

com.webmethods.portal.service.dir.IUserPrivacyService Class  
com.webmethods.portal.service.dir.IUserPrivacyService added

com.webmethods.portal.service.dir.IUserPrivacyService\$NotificationType Class  
com.webmethods.portal.service.dir.IUserPrivacyService\$NotificationType added

com.webmethods.portal.service.dir.impl.DirCache Method 'public void clearQueryCache()' has been added

com.webmethods.portal.service.dir.impl.DirServicePortletBean Method 'protected  
com.webmethods.portal.service.dir.IDirPrincipal getCurrentDirPrincipal()' has been added

com.webmethods.portal.service.dir.impl.DirServicePortletBean Method 'protected  
com.webmethods.portal.service.meta2.thing.IThingID getCurrentPrincipalThingID()' has been added

com.webmethods.portal.service.dir.impl.DirServicePortletBean Method 'protected long  
getCreatedTime()' has been added

com.webmethods.portal.service.dir.impl.DirServicePortletBean Method 'protected long  
getLastModifiedTime()' has been added

com.webmethods.portal.service.dir.impl.DirServicePortletBean Method 'protected void  
deletePrincipal()' has been added

com.webmethods.portal.service.dir.impl.DirServicePortletBean Method 'public boolean  
canDeleteUser()' has been added

com.webmethods.portal.service.dir.impl.DirServicePortletBean Method 'public boolean  
isEditingSelf(com.webmethods.portal.bizPolicy.IContext)' has been added

com.webmethods.portal.service.dir.impl.DirServicePortletBean Method 'public boolean  
isMemberOfAdminRole()' has been added

com.webmethods.portal.service.dir.impl.DirServicePortletBean Method 'public boolean  
isSysAdminPrincipal()' has been added

com.webmethods.portal.service.dir.impl.DirServicePortletBean Method 'public boolean  
isUserPrivacyEnabled()' has been added

com.webmethods.portal.service.dir.impl.DirServicePortletBean Method 'public void DeleteUser()' has  
been added

com.webmethods.portal.service.portlet.impl.PortletProvider Method 'protected void  
bindThingIDService(com.webmethods.portal.service.meta2.IThingIDService)' has been added

com.webmethods.portal.service.portlet.impl.PortletProvider Method 'protected void  
bindXTypeService(com.webmethods.portal.service.meta2.IXTypeService)' has been added

com.webmethods.portal.service.scheduler.Scheduler Method 'protected void  
bindClusterLockingService(com.webmethods.portal.system.lock.IClusterLockingService)' has been  
added

com.webmethods.portal.service.scheduler.Scheduler Method 'protected void unbindClusterLockingService(com.webmethods.portal.system.lock.IClusterLockingService)' has been added

com.webmethods.portal.service.task.ITaskInfoFieldConverters\$FieldValueConverter Method 'public com.webmethods.portal.service.meta2.thing.IThingID getThingIDHelper(com.webmethods.portal.system.IURI)' has been added

com.webmethods.portal.service.task.ITaskInfoFieldConverters\$FieldValueConverter Method 'public com.webmethods.portal.system.IURI getURIHelper(java.lang.String)' has been added

com.webmethods.portal.service.task.ITaskInfoFieldConverters\$FieldValueConverter Method 'public com.webmethods.portal.system.IURI lookupPrincipalHelper(java.lang.Object)' has been added

com.webmethods.portal.service.task.ITaskInfoFieldConverters\$FieldValueConverter Method 'public com.webmethods.portal.system.IURI lookupPrincipalHelper(java.lang.Object, int)' has been added

com.webmethods.portal.service.task.ITaskInfoFieldConverters\$FieldValueConverter Method 'public int getIntPriorityHelper(java.lang.String)' has been added

com.webmethods.portal.service.task.ITaskInfoFieldConverters\$FieldValueConverter Method 'public int getIntStatusHelper(java.lang.String)' has been added

com.webmethods.portal.service.task.TaskSearchQuery Method 'public boolean matches(java.util.Map, com.webmethods.caf.rules.IBindingExpressionEvaluator)' has been added

com.webmethods.portal.service.task.TaskSearchQueryTerm Method 'public boolean matches(java.util.Map, com.webmethods.caf.rules.IBindingExpressionEvaluator)' has been added

com.webmethods.portal.service.task.TaskSearchQueryTerm Method 'public java.util.List getFieldExpressionsString(java.util.Map, com.webmethods.caf.rules.IBindingExpressionEvaluator)' has been added

com.webmethods.portal.service.task.impl.TaskClassLoaderFactory Class  
com.webmethods.portal.service.task.impl.TaskClassLoaderFactory added

com.webmethods.portal.service.task.impl.TaskClassLoaderFactory\$ITaskClassLoader Class  
com.webmethods.portal.service.task.impl.TaskClassLoaderFactory\$ITaskClassLoader added

com.webmethods.portal.service.task.impl.TaskDBIndexManagerHelper Class  
com.webmethods.portal.service.task.impl.TaskDBIndexManagerHelper added

com.webmethods.portal.service.task.impl.TaskIndexTableViewHelper Class  
com.webmethods.portal.service.task.impl.TaskIndexTableViewHelper added

com.webmethods.portal.service.task.impl.TaskService Method 'public void flushTaskInfoCache(com.webmethods.portal.system.IURI)' has been added

com.webmethods.portal.service.task.impl.TaskServiceIS Class  
com.webmethods.portal.service.task.impl.TaskServiceIS added

com.webmethods.portal.service.task.impl.TaskSystem Method 'protected com.webmethods.portal.system.IComponentData

createComponentData(com.webmethods.portal.system.IInitializableComponentData)' has been added

com.webmethods.portal.service.task.impl.TaskSystem Method 'protected java.util.Collection  
getThingBasedComponentCollection()' has been added

com.webmethods.portal.system.PortalSystem Method 'public java.lang.Boolean isLibraryMode()' has  
been added

com.webmethods.portal.webservices.SOAPMonitorConstants Class  
com.webmethods.portal.webservices.SOAPMonitorConstants added

com.webmethods.portal.webservices.SOAPMonitorData Method 'public  
SOAPMonitorData(java.lang.Integer, java.lang.Long, java.lang.String, java.lang.String,  
java.lang.String)' has been added

com.webmethods.portal.webservices.SOAPMonitorData Method 'public java.lang.String  
getContentType()' has been added

com.webmethods.portal.webservices.SOAPMonitorData Method 'public java.lang.String  
getMessageText()' has been added

com.webmethods.portal.webservices.SOAPMonitorData Method 'public void  
setContentType(java.lang.String)' has been added

com.webmethods.portal.webservices.SOAPMonitorData Method 'public void  
setMessageText(java.lang.String)' has been added

com.webmethods.rtl.locator.impl.DBConfigLocator Method 'protected void  
fireConfigChangedEvent(java.lang.String)' has been added

com.webmethods.rtl.util.FileUtil Method 'public java.lang.String  
getRealLocationAtIS(java.lang.String)' has been added

com.webmethods.rtl.util.FileUtil Method 'public java.lang.String  
getRealLocationAtISatTaskApp(java.lang.String, java.lang.String)' has been added

Removed API	Replacement, if any
com.webmethods.portal.bizPolicy.biz.impl.BizPolicy Method 'public java.lang.Class[] getExtraWsdlsSchemaClasses(com.webmethods.portal.bizPolicy.IContext)' has been removed	
com.webmethods.portal.bizPolicy.biz.impl.BizPolicy Method 'public org.apache.axis.description.ServiceDesc initializeServiceDesc(com.webmethods.portal.bizPolicy.IContext, org.apache.axis.description.ServiceDesc)' has been removed	
com.webmethods.portal.bizPolicy.biz.impl.BizPolicy Method 'public org.apache.axis.handlers.soap.SOAPService initializeSOAPService(org.apache.axis.handlers.soap.SOAPService)' has been removed	
com.webmethods.portal.bizPolicy.biz.impl.BizPolicy Method 'public void initializeSOAPMappingRegistry(com.webmethods.portal.bizPolicy.IContext,	

javax.xml.rpc.encoding.TypeMapping)' has been removed

com.webmethods.portal.bizPolicy.command.access.GetAcView Method 'public void initializeSOAPMappingRegistry(com.webmethods.portal.bizPolicy.IContext, javax.xml.rpc.encoding.TypeMapping)' has been removed

com.webmethods.portal.bizPolicy.command.access.ListSecurityRealmObjects Method 'public void initializeSOAPMappingRegistry(com.webmethods.portal.bizPolicy.IContext, javax.xml.rpc.encoding.TypeMapping)' has been removed

com.webmethods.portal.bizPolicy.command.alias.CreateAlias Method 'public void initializeSOAPMappingRegistry(com.webmethods.portal.bizPolicy.IContext, javax.xml.rpc.encoding.TypeMapping)' has been removed

com.webmethods.portal.bizPolicy.command.dir.GetTypedAttributes Method 'public java.lang.Class[] getExtraWsdlschemaClasses(com.webmethods.portal.bizPolicy.IContext)' has been removed

com.webmethods.portal.bizPolicy.command.dir.GetTypedAttributes Method 'public void initializeSOAPMappingRegistry(com.webmethods.portal.bizPolicy.IContext, javax.xml.rpc.encoding.TypeMapping)' has been removed

com.webmethods.portal.bizPolicy.command.impl.Command Method 'protected java.beans.PropertyDescriptor[] getClassPropertyDescriptors(java.lang.Class)' has been removed

com.webmethods.portal.bizPolicy.command.impl.Command Method 'protected void registerWebServiceMarshallingFactories(java.lang.Class, javax.xml.rpc.encoding.TypeMapping)' has been removed

com.webmethods.portal.bizPolicy.command.impl.Command Method 'public java.lang.Class[] getExtraWsdlschemaClasses(com.webmethods.portal.bizPolicy.IContext)' has been removed

com.webmethods.portal.bizPolicy.command.impl.Command Method 'public org.apache.axis.description.ServiceDesc initializeServiceDesc(com.webmethods.portal.bizPolicy.IContext, org.apache.axis.description.ServiceDesc)' has been removed

com.webmethods.portal.bizPolicy.command.impl.Command Method 'public org.apache.axis.handlers.soap.SOAPService initializeSOAPService(org.apache.axis.handlers.soap.SOAPService)' has been removed

com.webmethods.portal.bizPolicy.command.impl.Command Method 'public void initializeSOAPMappingRegistry(com.webmethods.portal.bizPolicy.IContext, javax.xml.rpc.encoding.TypeMapping)' has been removed

com.webmethods.portal.bizPolicy.command.impl.WebServiceHelper Class  
com.webmethods.portal.bizPolicy.command.impl.WebServiceHelper removed

com.webmethods.portal.bizPolicy.command.meta.GetSelectedList Method 'public void initializeSOAPMappingRegistry(com.webmethods.portal.bizPolicy.IContext, javax.xml.rpc.encoding.TypeMapping)' has been removed

com.webmethods.portal.bizPolicy.command.meta.ListChildrenFiltered Method 'public void

initializeSOAPMappingRegistry(com.webmethods.portal.bizPolicy.IContext, javax.xml.rpc.encoding.TypeMapping)' has been removed

com.webmethods.portal.bizPolicy.command.meta.ListContainers Method 'public void initializeSOAPMappingRegistry(com.webmethods.portal.bizPolicy.IContext, javax.xml.rpc.encoding.TypeMapping)' has been removed

com.webmethods.portal.bizPolicy.command.meta.ListNotes Method 'public void initializeSOAPMappingRegistry(com.webmethods.portal.bizPolicy.IContext, javax.xml.rpc.encoding.TypeMapping)' has been removed

com.webmethods.portal.bizPolicy.command.meta.schedule.ListSchedulesCommand Method 'public void initializeSOAPMappingRegistry(com.webmethods.portal.bizPolicy.IContext, javax.xml.rpc.encoding.TypeMapping)' has been removed

com.webmethods.portal.bizPolicy.command.page.ModifyPage2 Method 'public void initializeSOAPMappingRegistry(com.webmethods.portal.bizPolicy.IContext, javax.xml.rpc.encoding.TypeMapping)' has been removed

com.webmethods.portal.bizPolicy.command.socialkeyword.GetKeyword Method 'public void initializeSOAPMappingRegistry(com.webmethods.portal.bizPolicy.IContext, javax.xml.rpc.encoding.TypeMapping)' has been removed

com.webmethods.portal.bizPolicy.command.socialkeyword.ListKeywords Method 'public void initializeSOAPMappingRegistry(com.webmethods.portal.bizPolicy.IContext, javax.xml.rpc.encoding.TypeMapping)' has been removed

com.webmethods.portal.bizPolicy.command.sql.ListDataSources Method 'public java.lang.Class[] getExtraWsdlschemaClasses(com.webmethods.portal.bizPolicy.IContext)' has been removed

com.webmethods.portal.bizPolicy.command.sql.ListDataSources Method 'public void initializeSOAPMappingRegistry(com.webmethods.portal.bizPolicy.IContext, javax.xml.rpc.encoding.TypeMapping)' has been removed

com.webmethods.portal.bizPolicy.command.system.ImportFiles Class  
com.webmethods.portal.bizPolicy.command.system.ImportFiles removed

com.webmethods.portal.bizPolicy.command.system.ImportFilesBean Class  
com.webmethods.portal.bizPolicy.command.system.ImportFilesBean removed

com.webmethods.portal.bizPolicy.command.system.Ping Method 'public java.lang.Class[] getExtraWsdlschemaClasses(com.webmethods.portal.bizPolicy.IContext)' has been removed

com.webmethods.portal.bizPolicy.command.system.Ping Method 'public void initializeSOAPMappingRegistry(com.webmethods.portal.bizPolicy.IContext, javax.xml.rpc.encoding.TypeMapping)' has been removed

com.webmethods.portal.bizPolicy.command.system.RuntimeTimeStatus Method 'public java.lang.Class[] getExtraWsdlschemaClasses(com.webmethods.portal.bizPolicy.IContext)' has been removed

com.webmethods.portal.bizPolicy.command.system.RuntimeTimeStatus Method 'public void

initializeSOAPMappingRegistry(com.webmethods.portal.bizPolicy.IContext, javax.xml.rpc.encoding.TypeMapping)' has been removed

com.webmethods.portal.bizPolicy.command.task.BaseTaskCommand Method 'protected java.beans.PropertyDescriptor[] getClassPropertyDescriptors(java.lang.Class)' has been removed

com.webmethods.portal.bizPolicy.command.task.GetTaskAudit Method 'public void initializeSOAPMappingRegistry(com.webmethods.portal.bizPolicy.IContext, javax.xml.rpc.encoding.TypeMapping)' has been removed

com.webmethods.portal.bizPolicy.command.task.GetTaskAuditPaginated Method 'public void initializeSOAPMappingRegistry(com.webmethods.portal.bizPolicy.IContext, javax.xml.rpc.encoding.TypeMapping)' has been removed

com.webmethods.portal.bizPolicy.command.version.ListVersionsCommand Method 'public void initializeSOAPMappingRegistry(com.webmethods.portal.bizPolicy.IContext, javax.xml.rpc.encoding.TypeMapping)' has been removed

com.webmethods.portal.bizPolicy.command.webspace.ListWebSpaces Method 'public void initializeSOAPMappingRegistry(com.webmethods.portal.bizPolicy.IContext, javax.xml.rpc.encoding.TypeMapping)' has been removed

com.webmethods.portal.bizPolicy.impl.ContextProvider Method 'protected com.webmethods.portal.bizPolicy.IContext getContextBySessionId(java.lang.String)' has been removed

com.webmethods.portal.framework.dispatch.handlers.webservices.GetWSDL Class  
com.webmethods.portal.framework.dispatch.handlers.webservices.GetWSDL removed

com.webmethods.portal.framework.propertyeditor.command.ListPropertyEditors Method 'public void initializeSOAPMappingRegistry(com.webmethods.portal.bizPolicy.IContext, javax.xml.rpc.encoding.TypeMapping)' has been removed

com.webmethods.portal.webservices.IWebService Method 'public java.lang.Class[] getExtraWsdlschemaClasses(com.webmethods.portal.bizPolicy.IContext)' has been removed

com.webmethods.portal.webservices.IWebService Method 'public org.apache.axis.description.ServiceDesc initializeServiceDesc(com.webmethods.portal.bizPolicy.IContext, org.apache.axis.description.ServiceDesc)' has been removed

com.webmethods.portal.webservices.IWebService Method 'public org.apache.axis.handlers.soap.SOAPService initializeSOAPService(org.apache.axis.handlers.soap.SOAPService)' has been removed

com.webmethods.portal.webservices.IWebService Method 'public void initializeSOAPMappingRegistry(com.webmethods.portal.bizPolicy.IContext, javax.xml.rpc.encoding.TypeMapping)' has been removed

com.webmethods.portal.webservices.SOAPMonitorData Method 'public java.lang.String getSoap()' has been removed

com.webmethods.portal.webservices.SOAPMonitorData Method 'public void

setSoap(java.lang.String)' has been removed

com.webmethods.portal.webservices.configuration.MwsEngineConfigurationFactoryServlet Class  
com.webmethods.portal.webservices.configuration.MwsEngineConfigurationFactoryServlet removed

com.webmethods.portal.webservices.configuration.MwsFileProvider Class  
com.webmethods.portal.webservices.configuration.MwsFileProvider removed

com.webmethods.portal.webservices.configuration.UpgradeAxisConfiguration Class  
com.webmethods.portal.webservices.configuration.UpgradeAxisConfiguration removed

com.webmethods.portal.webservices.encoding.AliasValueSerializer Class  
com.webmethods.portal.webservices.encoding.AliasValueSerializer removed

com.webmethods.portal.webservices.encoding.AliasValueSerializerFactory Class  
com.webmethods.portal.webservices.encoding.AliasValueSerializerFactory removed

com.webmethods.portal.webservices.encoding.BeanPropertiesTypeDesc Class  
com.webmethods.portal.webservices.encoding.BeanPropertiesTypeDesc removed

com.webmethods.portal.webservices.encoding.CertificateSerializer Class  
com.webmethods.portal.webservices.encoding.CertificateSerializer removed

com.webmethods.portal.webservices.encoding.CertificateSerializerFactory Class  
com.webmethods.portal.webservices.encoding.CertificateSerializerFactory removed

com.webmethods.portal.webservices.encoding.CharacterSerializer Class  
com.webmethods.portal.webservices.encoding.CharacterSerializer removed

com.webmethods.portal.webservices.encoding.CharacterSerializerFactory Class  
com.webmethods.portal.webservices.encoding.CharacterSerializerFactory removed

com.webmethods.portal.webservices.encoding.ConnectionInfoSerializer Class  
com.webmethods.portal.webservices.encoding.ConnectionInfoSerializer removed

com.webmethods.portal.webservices.encoding.ConnectionInfoSerializerFactory Class  
com.webmethods.portal.webservices.encoding.ConnectionInfoSerializerFactory removed

com.webmethods.portal.webservices.encoding.DifferenceMapSerializer Class  
com.webmethods.portal.webservices.encoding.DifferenceMapSerializer removed

com.webmethods.portal.webservices.encoding.DifferenceMapSerializerFactory Class  
com.webmethods.portal.webservices.encoding.DifferenceMapSerializerFactory removed

com.webmethods.portal.webservices.encoding.DirServiceSerializer Class  
com.webmethods.portal.webservices.encoding.DirServiceSerializer removed

com.webmethods.portal.webservices.encoding.DirServiceSerializerFactory Class  
com.webmethods.portal.webservices.encoding.DirServiceSerializerFactory removed

com.webmethods.portal.webservices.encoding.IDataDeserializer Class  
com.webmethods.portal.webservices.encoding.IDataDeserializer removed

com.webmethods.portal.webservices.encoding.IDataDeserializerFactory Class

com.webmethods.portal.webservices.encoding.IDataDeserializerFactory removed  
com.webmethods.portal.webservices.encoding.IOutOnly Class  
com.webmethods.portal.webservices.encoding.IOutOnly removed  
com.webmethods.portal.webservices.encoding.ISoapComplexTypeBean Class  
com.webmethods.portal.webservices.encoding.ISoapComplexTypeBean removed  
com.webmethods.portal.webservices.encoding.InterfaceAsBeanSerializer Class  
com.webmethods.portal.webservices.encoding.InterfaceAsBeanSerializer removed  
com.webmethods.portal.webservices.encoding.InterfaceAsBeanSerializerFactory Class  
com.webmethods.portal.webservices.encoding.InterfaceAsBeanSerializerFactory removed  
com.webmethods.portal.webservices.encoding.ListViewSerializer Class  
com.webmethods.portal.webservices.encoding.ListViewSerializer removed  
com.webmethods.portal.webservices.encoding.ListViewSerializerFactory Class  
com.webmethods.portal.webservices.encoding.ListViewSerializerFactory removed  
com.webmethods.portal.webservices.encoding.LocaleDeserializer Class  
com.webmethods.portal.webservices.encoding.LocaleDeserializer removed  
com.webmethods.portal.webservices.encoding.LocaleDeserializerFactory Class  
com.webmethods.portal.webservices.encoding.LocaleDeserializerFactory removed  
com.webmethods.portal.webservices.encoding.LocaleSerializer Class  
com.webmethods.portal.webservices.encoding.LocaleSerializer removed  
com.webmethods.portal.webservices.encoding.LocaleSerializerFactory Class  
com.webmethods.portal.webservices.encoding.LocaleSerializerFactory removed  
com.webmethods.portal.webservices.encoding.PageDataDeserializer Class  
com.webmethods.portal.webservices.encoding.PageDataDeserializer removed  
com.webmethods.portal.webservices.encoding.PageDataDeserializerFactory Class  
com.webmethods.portal.webservices.encoding.PageDataDeserializerFactory removed  
com.webmethods.portal.webservices.encoding.PageDataSerializer Class  
com.webmethods.portal.webservices.encoding.PageDataSerializer removed  
com.webmethods.portal.webservices.encoding.PageDataSerializerFactory Class  
com.webmethods.portal.webservices.encoding.PageDataSerializerFactory removed  
com.webmethods.portal.webservices.encoding.PagingBeanDeserializer Class  
com.webmethods.portal.webservices.encoding.PagingBeanDeserializer removed  
com.webmethods.portal.webservices.encoding.PagingBeanDeserializerFactory Class  
com.webmethods.portal.webservices.encoding.PagingBeanDeserializerFactory removed  
com.webmethods.portal.webservices.encoding.PagingBeanSerializer Class  
com.webmethods.portal.webservices.encoding.PagingBeanSerializer removed  
com.webmethods.portal.webservices.encoding.PagingBeanSerializerFactory Class



com.webmethods.portal.webservices.encoding.PagingBeanSerializerFactory removed  
com.webmethods.portal.webservices.encoding.PortalFileBeanDeserializer Class  
com.webmethods.portal.webservices.encoding.PortalFileBeanDeserializer removed  
com.webmethods.portal.webservices.encoding.PortalFileBeanDeserializerFactory Class  
com.webmethods.portal.webservices.encoding.PortalFileBeanDeserializerFactory removed  
com.webmethods.portal.webservices.encoding.PortalFileBeanSerializer Class  
com.webmethods.portal.webservices.encoding.PortalFileBeanSerializer removed  
com.webmethods.portal.webservices.encoding.PortalFileBeanSerializerFactory Class  
com.webmethods.portal.webservices.encoding.PortalFileBeanSerializerFactory removed  
com.webmethods.portal.webservices.encoding.RightSetDeserializer Class  
com.webmethods.portal.webservices.encoding.RightSetDeserializer removed  
com.webmethods.portal.webservices.encoding.RightSetDeserializerFactory Class  
com.webmethods.portal.webservices.encoding.RightSetDeserializerFactory removed  
com.webmethods.portal.webservices.encoding.RightSetSerializer Class  
com.webmethods.portal.webservices.encoding.RightSetSerializer removed  
com.webmethods.portal.webservices.encoding.RightSetSerializerFactory Class  
com.webmethods.portal.webservices.encoding.RightSetSerializerFactory removed  
com.webmethods.portal.webservices.encoding.SelectedListViewSerializer Class  
com.webmethods.portal.webservices.encoding.SelectedListViewSerializer removed  
com.webmethods.portal.webservices.encoding.SelectedListViewSerializerFactory Class  
com.webmethods.portal.webservices.encoding.SelectedListViewSerializerFactory removed  
com.webmethods.portal.webservices.encoding.ThingIDListSerializer Class  
com.webmethods.portal.webservices.encoding.ThingIDListSerializer removed  
com.webmethods.portal.webservices.encoding.ThingIDListSerializerFactory Class  
com.webmethods.portal.webservices.encoding.ThingIDListSerializerFactory removed  
com.webmethods.portal.webservices.encoding.ThingNameAtomSerializer Class  
com.webmethods.portal.webservices.encoding.ThingNameAtomSerializer removed  
com.webmethods.portal.webservices.encoding.ThingNameAtomSerializerFactory Class  
com.webmethods.portal.webservices.encoding.ThingNameAtomSerializerFactory removed  
com.webmethods.portal.webservices.encoding.URIDeserializer Class  
com.webmethods.portal.webservices.encoding.URIDeserializer removed  
com.webmethods.portal.webservices.encoding.URIDeserializerFactory Class  
com.webmethods.portal.webservices.encoding.URIDeserializerFactory removed  
com.webmethods.portal.webservices.encoding.URISerializer Class  
com.webmethods.portal.webservices.encoding.URISerializer removed  
com.webmethods.portal.webservices.encoding.URISerializerFactory Class

com.webmethods.portal.webservices.encoding.URISerializerFactory removed

com.webmethods.portal.webservices.encoding.ViewProperty Class  
 com.webmethods.portal.webservices.encoding.ViewProperty removed

com.webmethods.portal.webservices.encoding.ViewSerializer Class  
 com.webmethods.portal.webservices.encoding.ViewSerializer removed

com.webmethods.portal.webservices.encoding.ViewSerializerFactory Class  
 com.webmethods.portal.webservices.encoding.ViewSerializerFactory removed

com.webmethods.portal.webservices.handlers.CommandHandler Class  
 com.webmethods.portal.webservices.handlers.CommandHandler removed

com.webmethods.portal.webservices.handlers.CommandProvider Class  
 com.webmethods.portal.webservices.handlers.CommandProvider removed

com.webmethods.portal.webservices.handlers.SOAPMonitorHandler Class  
 com.webmethods.portal.webservices.handlers.SOAPMonitorHandler removed

com.webmethods.portal.webservices.servlet.PortalAxisServlet Class  
 com.webmethods.portal.webservices.servlet.PortalAxisServlet removed

## Changed API

## Description

com.webmethods.portal.bizPolicy.command.dir.DeletePrincipal In method 'protected void fireEvents(com.webmethods.portal.bizPolicy.IContext, com.webmethods.portal.mech.dir.IDirServiceMechanics, com.webmethods.portal.system.IURI, com.webmethods.portal.service.meta2.thing.IThingID, com.webmethods.portal.service.dir.IDirPrincipalList, com.webmethods.portal.service.dir.IDirPrincipalList)' the number of arguments has changed

com.webmethods.portal.bizPolicy.command.dir.ModifyPrincipal In method 'protected void fireEvents(com.webmethods.portal.bizPolicy.IContext, com.webmethods.portal.mech.dir.IPrincipalAttributeMechanics, com.webmethods.portal.system.IURI, java.lang.String, java.lang.Object, com.webmethods.portal.service.meta2.thing.IThingID)' the number of arguments has changed

com.webmethods.portal.bizPolicy.command.dir.ModifyPrincipalEx In method 'protected void fireEvents(com.webmethods.portal.bizPolicy.IContext, com.webmethods.portal.mech.dir.IPrincipalAttributeMechanics, com.webmethods.portal.system.IURI, java.util.Map, com.webmethods.portal.service.meta2.thing.IThingID)' the number of arguments has changed

com.webmethods.portal.bizPolicy.command.impl.rs.CommandResource In method 'public javax.ws.rs.core.Response invokeCommandFromForm(javax.servlet.http.HttpServletRequest, javax.servlet.http.HttpServletResponse, java.lang.String)' the number of arguments has changed

## Release 10.1

Added API	Description
<code>com.webmethods.portal.bizPolicy.biz.dir.IDirSystemBizPolicy</code> : Method 'public <code>authenticateUser(com.webmethods.portal.bizPolicy.IContext, java.lang.String, java.lang.String, boolean)</code> ' has been added to an interface	
<code>com.webmethods.portal.framework.IAuthManager</code> : Method 'public <code>createAuthInfo()</code> ' has been added to an interface	
<code>com.webmethods.portal.service.task.ITaskDistributionService</code> : Method 'public <code>searchAllTasks(com.webmethods.portal.service.task.TaskSearchQuery, java.lang.Boolean)</code> ' has been added to an interface	
<code>com.webmethods.portal.service.task.ITaskLockingService</code> : Method 'public <code>acquireLock(com.webmethods.portal.system.IURI, com.webmethods.portal.system.IURI, long, long)</code> ' has been added to an interface	
<code>com.webmethods.portal.service.task.ITaskLockingService</code> : Method 'public <code>acquireLock(com.webmethods.portal.system.IURI, com.webmethods.portal.system.IURI, long, long, boolean)</code> ' has been added to an interface	
<code>com.webmethods.portal.service.task.ITaskLockingService</code> : Method 'public <code>getLock(com.webmethods.portal.system.IURI)</code> ' has been added to an interface	
<code>com.webmethods.portal.system.IURIResolver</code> : Method 'public <code>acquireURI(java.lang.String, boolean)</code> ' has been added to an interface	
<code>com.webmethods.portal.system.init.IPhaseProvider</code> : Method 'public void <code>preInit(java.lang.String)</code> ' has been added to an interface	
<code>com.webmethods.portal.webservices.IWebService</code> : Method 'public <code>java.lang.Class[] getExtraWsdlschemaClasses(com.webmethods.portal.bizPolicy.IContext)</code> ' has been added to an interface	

**Removed API****Replacement, if any**

com.webmethods.caf.faces.data.task.ITaskSearchQueryExtended: Removed  
com.webmethods.caf.faces.data.task.ITaskConstants from the set of implemented interfaces

com.webmethods.caf.faces.data.task.ITaskSearchQueryExtended: Removed  
com.webmethods.caf.faces.data.task.ITaskSearchQuery from the set of implemented interfaces

com.webmethods.caf.faces.data.task.ITaskSearchQueryExtended: Removed  
com.webmethods.caf.faces.data.task.ITaskSearchQueryBase from the set of implemented interfaces

com.webmethods.caf.faces.data.task.impl.QueryAggregationInfo: Removed  
com.webmethods.caf.faces.data.task.IQueryAggregationInfo from the set of implemented interfaces

com.webmethods.caf.faces.data.task.impl.TaskInboxHpstraSearchContentProvider\$HpstraInboxSearch  
Query: Removed com.webmethods.caf.faces.data.task.ITaskConstants from the set of implemented  
interfaces

com.webmethods.caf.faces.data.task.impl.TaskInboxHpstraSearchContentProvider\$HpstraInboxSearch  
Query: Removed com.webmethods.caf.faces.data.task.ITaskSearchQuery from the set of implemented  
interfaces

com.webmethods.caf.faces.data.task.impl.TaskInboxHpstraSearchContentProvider\$HpstraInboxSearch  
Query: Removed com.webmethods.caf.faces.data.task.ITaskSearchQueryBase from the set of  
implemented interfaces

com.webmethods.caf.faces.data.task.impl.TaskInboxHpstraSearchContentProvider\$HpstraInboxSearch  
Query: Removed com.webmethods.caf.faces.data.task.ITaskSearchQueryExtended from the set of  
implemented interfaces

com.webmethods.caf.faces.data.task.impl.TaskInboxIndexedSearchContentProvider\$InboxSearchQuer  
y: Removed com.webmethods.caf.faces.data.task.ITaskSearchQueryExtended from the set of  
implemented interfaces

com.webmethods.caf.faces.data.task.impl.TaskInboxSearchContentProvider\$InboxSearchQuery:  
Removed com.webmethods.caf.faces.data.task.ITaskSearchQueryExtended from the set of  
implemented interfaces

com.webmethods.caf.faces.data.task.impl.TaskIndexedSearchContentProvider\$TaskData: Removed  
com.webmethods.caf.faces.data.task.ITaskData from the set of implemented interfaces

com.webmethods.caf.faces.data.task.impl.TaskSearchQuery: Removed  
com.webmethods.caf.faces.data.task.ITaskSearchQueryExtended from the set of implemented  
interfaces

com.webmethods.caf.faces.data.task.impl.TaskSearchQueryExtended: Removed  
com.webmethods.caf.faces.data.task.ITaskConstants from the set of implemented interfaces

com.webmethods.caf.faces.data.task.impl.TaskSearchQueryExtended: Removed  
com.webmethods.caf.faces.data.task.ITaskSearchQuery from the set of implemented interfaces

com.webmethods.caf.faces.data.task.impl.TaskSearchQueryExtended: Removed  
com.webmethods.caf.faces.data.task.ITaskSearchQueryBase from the set of implemented interfaces

com.webmethods.caf.faces.data.task.impl.TaskSearchQueryExtended: Removed  
com.webmethods.caf.faces.data.task.ITaskSearchQueryExtended from the set of implemented interfaces

com.webmethods.caf.faces.data.task.impl.TaskSearchQueryV2: Removed  
com.webmethods.caf.faces.data.task.ITaskSearchQueryExtended from the set of implemented interfaces

com.webmethods.portal.mech.task.impl.TaskQuery: Removed  
com.webmethods.caf.faces.data.task.ITaskSearchQueryExtended from the set of implemented interfaces

com.webmethods.portal.service.sql.core.JNDIDataSourceFactory: Removed  
com.webmethods.portal.system.init.IInitializable from the set of implemented interfaces

com.webmethods.portal.socialbpm.charts.SocialBPMSearchQuery: Removed  
com.webmethods.caf.faces.data.task.ITaskSearchQueryExtended from the set of implemented interfaces

com.webmethods.caf.faces.data.task.impl.TaskInboxHpstraSearchContentProvider\$HpstraInboxSearchQuery: Removed  
com.webmethods.caf.faces.data.task.impl.TaskSearchQuery from the list of superclasses

com.webmethods.caf.faces.data.task.impl.TaskInboxHpstraSearchContentProvider\$HpstraInboxSearchQuery: Removed  
com.webmethods.caf.faces.data.task.impl.TaskSearchQueryV2 from the list of superclasses

com.webmethods.caf.faces.data.task.impl.TaskSearchQueryExtended: Removed  
com.webmethods.caf.faces.data.task.impl.TaskSearchQuery from the list of superclasses

com.webmethods.caf.faces.data.task.impl.TaskSearchQueryExtended: Removed  
com.webmethods.caf.faces.data.task.impl.TaskSearchQueryV2 from the list of superclasses

com.webmethods.caf.mobile.notify.impl.PushNotification: Removed  
com.webmethods.portal.system.impl.BaseComponent from the list of superclasses

com.webmethods.caf.mobile.notify.impl.PushNotification\$PushNotificationCommandBean: Removed  
com.webmethods.rtl.util.obj.MapPropertyBag from the list of superclasses

com.webmethods.portal.bizPolicy.command.system.RuntimeStatusBean: Removed  
com.webmethods.rtl.util.obj.MapPropertyBag from the list of superclasses

com.webmethods.portal.bizPolicy.command.system.RuntimeTimeStatus: Removed  
com.webmethods.portal.system.impl.BaseComponent from the list of superclasses

com.webmethods.rtl.locator.ClassLocator: Removed com.webmethods.rtl.locator.FileLocator from the list of superclasses

com.webmethods.rtl.util.SystemPaths\$UserPathLocator: Removed  
com.webmethods.rtl.locator.FileLocator from the list of superclasses

com.webmethods.caf.mobile.notify.task.APNSCleanUpThread: Removed field expiredID

com.webmethods.portal.service.portlet.impl.PortletProvider: Removed field  
portletProviderFactoryServiceReg

com.webmethods.portal.service.task.impl.TaskLockingService: Removed field  
TASK\_LOCK\_MAX\_TIME

com.webmethods.portal.service.task.impl.TaskLockingService: Removed field  
TASK\_LOCK\_MAX\_WAIT\_TIME

com.webmethods.portal.service.task.impl.TaskLockingService: Removed field dbOffsetLastCalced

com.webmethods.portal.service.task.impl.TaskLockingService: Removed field dbTimeOffsetMs

com.webmethods.caf.faces.data.task.ITaskSearchQueryExtended: Method 'public  
com.webmethods.caf.faces.data.task.impl.TaskSearchQueryTerm findTerm(java.lang.String,  
java.lang.String)' has been removed

com.webmethods.caf.faces.data.task.ITaskSearchQueryExtended: Method 'public  
com.webmethods.caf.faces.data.task.impl.TaskSearchQueryTerm findTerm(java.lang.String)' has been removed

com.webmethods.caf.faces.data.task.ITaskSearchQueryExtended: Method 'public  
com.webmethods.caf.faces.data.task.IQueryAggregationInfo getQueryAggregationInfo()' has been removed

com.webmethods.caf.faces.data.task.ITaskSearchQueryExtended: Method 'public  
com.webmethods.caf.faces.data.task.impl.TaskSearchQueryTerm[] getTerms()' has been removed

com.webmethods.caf.mobile.notify.impl.MobileNotificationProvider: Method 'protected  
java.util.Collection loadConfig(com.webmethods.portal.system.IComponentData)' has been removed

com.webmethods.caf.script.servlet.ScriptServlet: Method 'protected void  
includeBCScript(java.lang.String, java.util.Locale, java.io.Writer, boolean)' has been removed

com.webmethods.caf.script.servlet.ScriptServlet: Method 'protected void stripBCScript(java.io.Reader,  
java.io.Writer)' has been removed

com.webmethods.caf.script.util.JavascriptStripper: Method 'protected boolean is\_sep\_for\_bc(int)' has been removed

com.webmethods.caf.script.util.JavascriptStripper: Method 'protected boolean is\_unambiguous\_sep\_for\_bc(int)' has been removed

com.webmethods.caf.script.util.JavascriptStripper: Method 'public void stripBCScript(java.io.Reader, java.io.Writer)' has been removed

com.webmethods.caf.script.util.JavascriptStripper: Method 'protected int strip\_c\_comment\_for\_bc(java.io.Reader, java.io.Writer)' has been removed

com.webmethods.portal.framework.auth.AuthInfo: Method 'public void copy(com.webmethods.portal.framework.auth.AuthInfo)' has been removed

com.webmethods.portal.framework.presentation.PresentationData: Method 'public com.webmethods.portal.framework.presentation.PresentationData init(java.lang.Object, int, java.util.HashMap)' has been removed

com.webmethods.portal.service.sql.core.JNDIDataSourceFactory: Method 'public void init(com.webmethods.portal.system.IComponentData, java.lang.String)' has been removed

com.webmethods.portal.service.sql.core.JNDIDataSourceFactory: Method 'public void shutdown()' has been removed

com.webmethods.pushNotification.apns.connection.pool.APNSConnectionPool: Method 'public void initialize(com.webmethods.pushNotification.apns.connection.pool.APNSConnectionPoolManager, java.util.Map)' has been removed

com.webmethods.rtl.util.RuntimeUtil: Method 'public javax.servlet.ServletContext getServletContext(java.lang.String)' has been removed

com.webmethods.rtl.util.RuntimeUtil: Method 'public org.eclipse.jetty.webapp.WebAppContext getWebAppContext(java.lang.String)' has been removed

com.webmethods.rtl.util.RuntimeUtil: Method 'public void refreshBundle(org.osgi.framework.Bundle)' has been removed

com.webmethods.rtl.util.RuntimeUtil: Method 'public void refreshRemovalPendingBundles()' has been removed

com.webmethods.rtl.util.RuntimeUtil: Method 'public void startBundle(org.osgi.framework.Bundle)' has been removed

com.webmethods.caf.faces.data.task.AggregationType: Class  
com.webmethods.caf.faces.data.task.AggregationType removed

com.webmethods.caf.faces.data.task.IQueryAggregationInfo: Class  
com.webmethods.caf.faces.data.task.IQueryAggregationInfo removed

com.webmethods.caf.faces.data.task.IndexEngineType: Class  
com.webmethods.caf.faces.data.task.IndexEngineType removed

com.webmethods.portal.bizPolicy.command.task.rs.MWSCustomDispatchProvider: Class  
com.webmethods.portal.bizPolicy.command.task.rs.MWSCustomDispatchProvider removed

com.webmethods.portal.bizPolicy.command.task.rs.MWSRequestDispatcher: Class  
com.webmethods.portal.bizPolicy.command.task.rs.MWSRequestDispatcher removed

com.webmethods.portal.bizPolicy.command.task.rs.RestApplication: Class  
com.webmethods.portal.bizPolicy.command.task.rs.RestApplication removed

com.webmethods.portal.bizPolicy.command.task.rs.RestApplication\$RestPingInfo: Class  
com.webmethods.portal.bizPolicy.command.task.rs.RestApplication\$RestPingInfo removed

com.webmethods.portal.bizPolicy.command.task.rs.RestApplication\$RestResource: Class  
com.webmethods.portal.bizPolicy.command.task.rs.RestApplication\$RestResource removed

com.webmethods.portal.framework.presentation.handlers.djsp.FlexiblePoolBoy: Class  
com.webmethods.portal.framework.presentation.handlers.djsp.FlexiblePoolBoy removed

com.webmethods.rtl.locator.BundleLocator: Class com.webmethods.rtl.locator.BundleLocator removed

com.webmethods.rtl.locator.ClusterConfigLocator: Class  
com.webmethods.rtl.locator.ClusterConfigLocator removed

com.webmethods.rtl.locator.ConfigLocator: Class com.webmethods.rtl.locator.ConfigLocator removed

com.webmethods.rtl.locator.FileLocator: Class com.webmethods.rtl.locator.FileLocator removed

com.webmethods.rtl.locator.NullLocator: Class com.webmethods.rtl.locator.NullLocator removed

com.webmethods.rtl.locator.StreamLocatorFactory: Class  
com.webmethods.rtl.locator.StreamLocatorFactory removed

com.webmethods.rtl.locator.WebResourceLocator: Class  
com.webmethods.rtl.locator.WebResourceLocator removed



## Release 10.0

Added API	Description
<code>com.webmethods.caf.faces.data.task.impl.TaskInboxIndexedSearchContentProvider\$InboxSearchQuery</code>	Added <code>com.webmethods.caf.faces.data.task.ITaskSearchQueryExtended</code> to the set of implemented interfaces
<code>com.webmethods.caf.faces.data.task.impl.TaskInboxSearchContentProvider\$InboxSearchQuery</code>	Added <code>com.webmethods.caf.faces.data.task.ITaskSearchQueryExtended</code> to the set of implemented interfaces
<code>com.webmethods.caf.faces.data.task.impl.TaskSearchQuery</code>	Added <code>com.webmethods.caf.faces.data.task.ITaskSearchQueryExtended</code> to the set of implemented interfaces
<code>com.webmethods.caf.faces.data.task.impl.TaskSearchQueryV2</code>	Added <code>com.webmethods.caf.faces.data.task.ITaskSearchQueryExtended</code> to the set of implemented interfaces
<code>com.webmethods.caf.mobile.notify.impl.MobileNotificationProvider</code>	Added <code>com.webmethods.portal.event.modify.IUpdateEvent\$ISynchronousListener</code> to the set of implemented interfaces
<code>com.webmethods.caf.mobile.notify.task.NotificationSender</code>	Added <code>java.util.concurrent.Callable</code> to the set of implemented interfaces
<code>com.webmethods.portal.mech.task.impl.TaskQuery</code>	Added <code>com.webmethods.caf.faces.data.task.ITaskSearchQueryExtended</code> to the set of implemented interfaces
<code>com.webmethods.portal.service.sql.runtime.base.TaskSearchAll</code>	Added <code>com.webmethods.portal.service.task.ITaskInfoFieldConverters</code> to the set of implemented interfaces
<code>com.webmethods.portal.service.sql.runtime.base.TaskSearchAllByTagCount</code>	Added <code>com.webmethods.portal.service.task.ITaskInfoFieldConverters</code> to the set of implemented interfaces
<code>com.webmethods.portal.service.sql.runtime.base.TaskSearchAllByTagPaged</code>	Added <code>com.webmethods.portal.service.task.ITaskInfoFieldConverters</code> to the set of implemented interfaces
<code>com.webmethods.portal.service.sql.runtime.base.TaskSearchAllCount</code>	Added <code>com.webmethods.portal.service.task.ITaskInfoFieldConverters</code> to the set of implemented interfaces
<code>com.webmethods.portal.service.sql.runtime.base.TaskSearchAllGroupedCount</code>	Added <code>com.webmethods.portal.service.task.ITaskInfoFieldConverters</code> to the set of implemented interfaces
<code>com.webmethods.portal.service.sql.runtime.base.TaskSearchAllPaged</code>	Added <code>com.webmethods.portal.service.task.ITaskInfoFieldConverters</code> to the set of implemented interfaces
<code>com.webmethods.portal.service.sql.runtime.base.TaskSearchFromInboxes</code>	Added <code>com.webmethods.portal.service.task.ITaskInfoFieldConverters</code> to the set of implemented interfaces
<code>com.webmethods.portal.service.sql.runtime.base.TaskSearchFromInboxesByTagCount</code>	Added <code>com.webmethods.portal.service.task.ITaskInfoFieldConverters</code> to the set of implemented interfaces
<code>com.webmethods.portal.service.sql.runtime.base.TaskSearchFromInboxesByTagPaged</code>	Added <code>com.webmethods.portal.service.task.ITaskInfoFieldConverters</code> to the set of implemented interfaces

com.webmethods.portal.service.sql.runtime.base.TaskSearchFromInboxesCount: Added  
com.webmethods.portal.service.task.ITaskInfoFieldConverters to the set of implemented interfaces

com.webmethods.portal.service.sql.runtime.base.TaskSearchFromInboxesGroupedCount: Added  
com.webmethods.portal.service.task.ITaskInfoFieldConverters to the set of implemented interfaces

com.webmethods.portal.service.sql.runtime.base.TaskSearchFromInboxesPaged: Added  
com.webmethods.portal.service.task.ITaskInfoFieldConverters to the set of implemented interfaces

com.webmethods.portal.socialbpm.charts.SocialBPMSearchQuery: Added  
com.webmethods.caf.faces.data.task.ITaskSearchQueryExtended to the set of implemented interfaces

com.webmethods.caf.faces.render.html.table.MoveRowDownIconRenderer: Added  
com.webmethods.caf.faces.render.html.table.MoveRowLinkRenderer to the list of superclasses

com.webmethods.caf.faces.render.html.table.MoveRowDownLinkRenderer: Added  
com.webmethods.caf.faces.render.html.table.MoveRowLinkRenderer to the list of superclasses

com.webmethods.caf.faces.render.html.table.MoveRowUpIconRenderer: Added  
com.webmethods.caf.faces.render.html.table.MoveRowLinkRenderer to the list of superclasses

com.webmethods.caf.faces.render.html.table.MoveRowUpLinkRenderer: Added  
com.webmethods.caf.faces.render.html.table.MoveRowLinkRenderer to the list of superclasses

com.webmethods.portal.bizPolicy.biz.task.impl.TaskDBOHelper: Added  
com.webmethods.portal.bizPolicy.biz.task.impl.TaskIndexHelper to the list of superclasses

com.webmethods.caf.common.deployer.MwsDeployerConstants: Added public field  
PROJ\_PROP\_EXPORT\_PAGE\_DEPTH

com.webmethods.caf.mobile.notify.IMobileNotificationConstants: Added public field IOS\_CERT

com.webmethods.caf.mobile.notify.IMobileNotificationConstants: Added public field  
IOS\_HOST\_NAME

com.webmethods.caf.mobile.notify.IMobileNotificationConstants: Added public field  
IOS\_HOST\_PORT

com.webmethods.caf.mobile.notify.IMobileNotificationConstants: Added public field  
IOS\_PASSWORD

com.webmethods.caf.mobile.notify.IMobileNotificationConstants: Added public field  
NOTIFIER\_QUEUE\_SIZE\_THRESHOLD

com.webmethods.caf.mobile.notify.impl.MobileNotifierComponent: Added protected field  
m\_connPoolProvider

com.webmethods.caf.mobile.notify.util.MobileNotifierUtil: Added public field  
IOS\_JASON\_PAYLOAD\_TEMPLATE

com.webmethods.portal.bizPolicy.biz.task.ITaskDefinitionConstants: Added public field  
PROPERTY\_HPSTRA\_INDEXTABLEDIS

com.webmethods.portal.bizPolicy.biz.task.ITaskDefinitionConstants: Added public field

PROPERTY\_HPSTRA\_INDEX\_JOB\_STATUS

com.webmethods.portal.bizPolicy.biz.task.ITaskDefinitionConstants: Added public field  
PROPERTY\_ISHPSTRAENABLED

com.webmethods.portal.bizPolicy.command.task.rs.BaseTaskResource: Added public field  
DEFAULT\_JSON\_DATE\_FORMAT

com.webmethods.portal.service.bcgadget.IBCGadgetConstants: Added public field  
BC\_GADGET\_DEF\_CONTAINER\_NOT\_FOUND\_ERROR\_MSG

com.webmethods.portal.service.dir.impl.DirServicePortletBean: Added public field  
ATTR\_PREFIX\_LENGTH

com.webmethods.portal.service.dir.impl.DirServicePortletBean: Added public field  
EDIT\_ATTR\_CURRPASSWORD

com.webmethods.portal.service.dir.impl.DirServicePortletBean: Added public field USERNAME

com.webmethods.portal.service.dir.impl.DirServicePortletBean: Added public field exceptionMessage

com.webmethods.portal.service.sql.runtime.base.TaskLockSetNew: Added public field  
TE\_MAX\_LAST\_ACTIVE

com.webmethods.portal.service.task.impl.TaskDefinitionView: Added protected field  
m\_taskDetailGadgetURIs

com.webmethods.caf.common.ObjectUtil: Method 'public void sortObjectList(java.util.List,  
java.lang.String, boolean)' has been added

com.webmethods.caf.faces.component.behavior.DragToMoveRowsBehavior: Method 'public boolean  
isPropagateEvents()' has been added

com.webmethods.caf.faces.component.behavior.DragToMoveRowsBehavior: Method 'public void  
setPropagateEvents(boolean)' has been added

com.webmethods.caf.faces.component.tree.AsyncTree: Method 'protected  
com.webmethods.caf.faces.data.ITableContentProvider getContentProvider(boolean)' has been added

com.webmethods.caf.faces.data.task.impl.TaskSearchQuery: Method 'public java.lang.String  
getSearchEngineType()' has been added

com.webmethods.caf.faces.data.task.impl.TaskSearchQuery: Method 'public void  
setSearchEngineType(java.lang.String)' has been added

com.webmethods.caf.mobile.notify.impl.MobileNotificationProvider: Method 'public void  
onSynchronousEvent(com.webmethods.portal.event.modify.IUpdateEvent)' has been added

com.webmethods.caf.mobile.notify.impl.MobileNotifierComponent: Method 'public  
com.webmethods.caf.mobile.notify.impl.AppleMessagingCloudConnectionDetails  
getM\_iOSConnectionDetails()' has been added

com.webmethods.caf.mobile.notify.impl.MobileNotifierComponent: Method 'public  
java.util.concurrent.BlockingQueue getMessageQueue()' has been added

com.webmethods.caf.mobile.notify.impl.MobileNotifierComponent: Method 'public java.util.List scheduleCleanUpService(java.util.List)' has been added

com.webmethods.caf.mobile.notify.impl.MobileNotifierComponent: Method 'public void setMessageQueue(java.util.concurrent.BlockingQueue)' has been added

com.webmethods.caf.mobile.notify.impl.MobileNotifierComponent: Method 'public void stopExecutorService()' has been added

com.webmethods.caf.mobile.notify.impl.TaskEventsHandler: Method 'public java.lang.String createMessage(com.webmethods.portal.service.task.event.ITaskChangedEvent)' has been added

com.webmethods.caf.mobile.notify.task.Message: Method 'public java.util.List getAndroidSubscriptionList()' has been added

com.webmethods.caf.mobile.notify.task.Message: Method 'public java.util.List getIOSSubscriptionList()' has been added

com.webmethods.caf.mobile.notify.task.Message: Method 'public void setAndroidSubscriptionList(java.util.List)' has been added

com.webmethods.caf.mobile.notify.task.Message: Method 'public void setIOSSubscriptionList(java.util.List)' has been added

com.webmethods.caf.mobile.notify.task.NotificationSender: Method 'public java.util.List call()' has been added

com.webmethods.caf.mobile.notify.task.NotificationSender: Method 'public java.lang.Object call()' has been added

com.webmethods.caf.mobile.notify.task.NotificationSender: Method 'public byte[] convertPayloadtoUTF8Bytes(java.lang.String)' has been added

com.webmethods.caf.mobile.notify.task.NotificationSender: Method 'public byte[] decodeHex(java.lang.String)' has been added

com.webmethods.caf.mobile.notify.task.NotificationSender: Method 'public byte[] formAPNSMessage(byte, byte[], byte[])' has been added

com.webmethods.caf.mobile.notify.util.MobileNotifierUtil: Method 'public java.lang.String generateIOSPayload(java.util.List, java.lang.String, java.lang.String)' has been added

com.webmethods.caf.script.servlet.ScriptServlet: Method 'protected void includeBCScript(java.lang.String, java.util.Locale, java.io.Writer, boolean)' has been added

com.webmethods.caf.script.servlet.ScriptServlet: Method 'protected void stripBCScript(java.io.Reader, java.io.Writer)' has been added

com.webmethods.caf.script.util.JavascriptStripper: Method 'protected boolean is\_sep\_for\_bc(int)' has been added

com.webmethods.caf.script.util.JavascriptStripper: Method 'protected boolean is\_unambiguous\_sep\_for\_bc(int)' has been added

com.webmethods.caf.script.util.JavascriptStripper: Method 'public void stripBCScript(java.io.Reader, java.io.Writer)' has been added

com.webmethods.caf.script.util.JavascriptStripper: Method 'protected int strip\_c\_comment\_for\_bc(java.io.Reader, java.io.Writer)' has been added

com.webmethods.portal.bizPolicy.biz.task.impl.TaskDBOHelper: Method 'public com.webmethods.portal.service.meta2.dbo.HpstraIndexTable createHpstraIndexTableFromXml(java.lang.String)' has been added

com.webmethods.portal.bizPolicy.command.task.rs.TaskResource: Method 'public void convertJSONToJavaObj(java.util.Map, java.lang.Class)' has been added

com.webmethods.portal.framework.presentation.handlers.Nbsp: Method 'public java.lang.Object lookup(java.util.Map, java.lang.String, boolean)' has been added

com.webmethods.portal.service.dir.impl.DirPrincipalListView: Method 'public java.util.Map getExceptions()' has been added

com.webmethods.portal.service.dir.impl.DirPrincipalListView: Method 'public void setExceptions(java.util.Map)' has been added

com.webmethods.portal.service.dir.impl.DirPrincipalProvider: Method 'protected void populateGroupMembership(com.webmethods.portal.service.dir.IDirPrincipal, java.util.Set, java.util.Map)' has been added

com.webmethods.portal.service.dir.impl.DirServicePortletBean: Method 'protected void EditPrincipalEx()' has been added

com.webmethods.portal.service.dir.impl.DirServicePortletBean: Method 'public void EditUserEx()' has been added

com.webmethods.portal.service.dir.impl.DirServicePortletBean: Method 'public boolean isAuthenticated(java.lang.String, java.lang.String)' has been added

com.webmethods.portal.service.sql.runtime.base.TaskLockSetNew: Method 'protected java.lang.String getConditionalInsertStatement()' has been added

com.webmethods.portal.service.task.impl.TaskDefinitionView: Method 'public com.webmethods.portal.service.meta2.dbo.HpstraIndexTable getHpstraIndexTable()' has been added

com.webmethods.portal.service.task.impl.TaskDefinitionView: Method 'public java.lang.String getTaskDetailGadgetURIs()' has been added

com.webmethods.portal.service.task.impl.TaskDefinitionView: Method 'public boolean isHpstraEnabled()' has been added

com.webmethods.portal.system.cluster.impl.ClusterProvider: Method 'public void reloadClusterServers()' has been added

com.webmethods.portal.webapp.jetty7.MwsSessionManager: Method 'protected void addContextLocale(org.eclipse.jetty.server.session.AbstractSession)' has been added

com.webmethods.rtl.event.DeliveryService: Method 'public boolean isConfigLoaded()' has been added

com.webmethods.rtl.msg.jms.JMSDestination\$LiveStatistics\$NameComparator: Method 'public int compare(com.webmethods.rtl.msg.jms.JMSDestination\$LiveStatistics, com.webmethods.rtl.msg.jms.JMSDestination\$LiveStatistics)' has been added

com.webmethods.rtl.msg.jms.JMSProvider: Method 'protected boolean isMaintenanceMode()' has been added

com.webmethods.rtl.script.nbsp.NBSPage: Method 'public java.lang.Object get(java.lang.String, boolean)' has been added

com.webmethods.rtl.script.nbsp.NBSPage: Method 'public java.lang.String getString(java.lang.String, java.lang.String, boolean)' has been added

com.webmethods.rtl.script.nbsp.PooledNBSPage: Method 'public java.lang.Object get(java.lang.String, boolean)' has been added

com.webmethods.rtl.script.nbsp.PooledNBSPage: Method 'public java.lang.Object get(java.lang.String, java.lang.Class, java.lang.Object, boolean)' has been added

com.webmethods.rtl.script.nbsp.PooledNBSPage: Method 'public java.lang.String getString(java.lang.String, java.lang.String, boolean)' has been added

com.webmethods.caf.mobile.notify.IMobileNotifierComponent: Method 'public com.webmethods.caf.mobile.notify.impl.AppleMessagingCloudConnectionDetails getM\_iOSConnectionDetails()' has been added to an interface

com.webmethods.caf.mobile.notify.IMobileNotifierComponent: Method 'public java.util.concurrent.BlockingQueue getMessageQueue()' has been added to an interface

com.webmethods.caf.mobile.notify.IMobileNotifierComponent: Method 'public java.util.List scheduleCleanUpService(java.util.List)' has been added to an interface

com.webmethods.caf.mobile.notify.IMobileNotifierComponent: Method 'public void setMessageQueue(java.util.concurrent.BlockingQueue)' has been added to an interface

com.webmethods.caf.mobile.notify.IMobileNotifierComponent: Method 'public void stopExecutorService()' has been added to an interface

com.webmethods.common.search.ISliceableSearchContext: Method 'public java.util.Map getExceptions()' has been added to an interface

com.webmethods.portal.mech.task.ITaskMechanics: Method 'public void fireTaskReindexStopEvent(com.webmethods.portal.service.task.ITaskDefinition, java.lang.String)' has been added to an interface

com.webmethods.portal.service.dir.IDirPrincipalList: Method 'public java.util.Map getExceptions()' has been added to an interface

com.webmethods.portal.service.task.ITaskDefinition: Method 'public com.webmethods.portal.service.meta2.dbo.HpstraIndexTable getHpstraIndexTable()' has been added to an interface

com.webmethods.portal.service.task.ITaskDefinition: Method 'public java.lang.String

getTaskDetailGadgetURIs()' has been added to an interface

com.webmethods.portal.service.task.ITaskDefinition: Method 'public boolean isHpstraEnabled()' has been added to an interface

com.webmethods.portal.service.task.ITaskDistributionService: Method 'public java.util.List getPrincipalActors(com.webmethods.portal.system.IURI[], boolean)' has been added to an interface

com.webmethods.portal.service.task.event.ITaskReindexStopEvent: Method 'public java.lang.String getIndexEngineType()' has been added to an interface

com.webmethods.portal.system.cluster.IClusterProvider: Method 'public void reloadClusterServers()' has been added to an interface

com.webmethods.rtl.script.nbsp.INBSPRuntime: Method 'public java.lang.Object lookup(java.util.Map, java.lang.String, boolean)' has been added to an interface

com.webmethods.rtl.script.nbsp.INBSPPage: Method 'public java.lang.Object get(java.lang.String, boolean)' has been added to an interface

com.webmethods.rtl.script.nbsp.INBSPPage: Method 'public java.lang.String getString(java.lang.String, java.lang.String, boolean)' has been added to an interface

com.softwareag.mws.screens.BaseScreenClass: Class com.softwareag.mws.screens.BaseScreenClass added

com.softwareag.mws.screens.Constants: Class com.softwareag.mws.screens.Constants added

com.softwareag.mws.screens.MWSLoginLogoutScreen: Class  
com.softwareag.mws.screens.MWSLoginLogoutScreen added

com.softwareag.mws.screens.applications.administration.systemwide.usermanagement.UsersScreen: Class  
com.softwareag.mws.screens.applications.administration.systemwide.usermanagement.UsersScreen added

com.webmethods.caf.faces.data.task.AggregationType: Class  
com.webmethods.caf.faces.data.task.AggregationType added

com.webmethods.caf.faces.data.task.IQueryAggregationInfo: Class  
com.webmethods.caf.faces.data.task.IQueryAggregationInfo added

com.webmethods.caf.faces.data.task.ITaskSearchQueryExtended: Class  
com.webmethods.caf.faces.data.task.ITaskSearchQueryExtended added

com.webmethods.caf.faces.data.task.IndexEngineType: Class  
com.webmethods.caf.faces.data.task.IndexEngineType added

com.webmethods.caf.faces.data.task.impl.QueryAggregationInfo: Class  
com.webmethods.caf.faces.data.task.impl.QueryAggregationInfo added

com.webmethods.caf.faces.data.task.impl.TaskInboxHpstraSearchContentProvider: Class  
com.webmethods.caf.faces.data.task.impl.TaskInboxHpstraSearchContentProvider added

com.webmethods.caf.faces.data.task.impl.TaskInboxHpstraSearchContentProvider\$HpstraInboxSearch  
Query: Class  
com.webmethods.caf.faces.data.task.impl.TaskInboxHpstraSearchContentProvider\$HpstraInboxSearch  
Query added

com.webmethods.caf.faces.data.task.impl.TaskSearchQueryExtended: Class  
com.webmethods.caf.faces.data.task.impl.TaskSearchQueryExtended added

com.webmethods.caf.faces.render.html.table.MoveRowLinkRenderer: Class  
com.webmethods.caf.faces.render.html.table.MoveRowLinkRenderer added

com.webmethods.caf.mobile.notify.impl.PushNotification: Class  
com.webmethods.caf.mobile.notify.impl.PushNotification added

com.webmethods.caf.mobile.notify.impl.PushNotification\$PushNotificationCommandBean: Class  
com.webmethods.caf.mobile.notify.impl.PushNotification\$PushNotificationCommandBean added

com.webmethods.caf.mobile.notify.impl.SubscriptionCleanUpEvent: Class  
com.webmethods.caf.mobile.notify.impl.SubscriptionCleanUpEvent added

com.webmethods.caf.mobile.notify.impl.SubscriptionCleanUpHandler: Class  
com.webmethods.caf.mobile.notify.impl.SubscriptionCleanUpHandler added

com.webmethods.caf.mobile.notify.task.APNSCleanUpThread: Class  
com.webmethods.caf.mobile.notify.task.APNSCleanUpThread added

com.webmethods.portal.bizPolicy.biz.task.impl.TaskDBOHelper\$DBIndexer: Class  
com.webmethods.portal.bizPolicy.biz.task.impl.TaskDBOHelper\$DBIndexer added

com.webmethods.portal.bizPolicy.biz.task.impl.TaskIndexHelper: Class  
com.webmethods.portal.bizPolicy.biz.task.impl.TaskIndexHelper added

com.webmethods.portal.bizPolicy.biz.task.impl.TaskIndexHelper\$Indexer: Class  
com.webmethods.portal.bizPolicy.biz.task.impl.TaskIndexHelper\$Indexer added

com.webmethods.portal.bizPolicy.command.system.RuntimeStatusBean: Class  
com.webmethods.portal.bizPolicy.command.system.RuntimeStatusBean added

com.webmethods.portal.bizPolicy.command.system.RuntimeTimeStatus: Class  
com.webmethods.portal.bizPolicy.command.system.RuntimeTimeStatus added

com.webmethods.portal.bizPolicy.command.system.RuntimeTimeStatus\$StatusInfo: Class  
com.webmethods.portal.bizPolicy.command.system.RuntimeTimeStatus\$StatusInfo added

com.webmethods.portal.bizPolicy.command.task.rs.LayeredProductVerionResource: Class  
com.webmethods.portal.bizPolicy.command.task.rs.LayeredProductVerionResource added

com.webmethods.portal.bizPolicy.command.task.rs.LayeredProductVerionResource\$Product: Class  
com.webmethods.portal.bizPolicy.command.task.rs.LayeredProductVerionResource\$Product added

com.webmethods.portal.bizPolicy.command.task.rs.LayeredProductVerionResource\$ProductHolder:  
Class  
com.webmethods.portal.bizPolicy.command.task.rs.LayeredProductVerionResource\$ProductHolder



added

com.webmethods.portal.jms.um.QueueType: Class com.webmethods.portal.jms.um.QueueType added

com.webmethods.portal.service.meta2.dbo.HpstraIndexTable: Class

com.webmethods.portal.service.meta2.dbo.HpstraIndexTable added

com.webmethods.portal.service.meta2.dbo.HpstraIndexTable\$DisplayField: Class

com.webmethods.portal.service.meta2.dbo.HpstraIndexTable\$DisplayField added

com.webmethods.portal.service.sql.runtime.base.TaskPendingUpdatesCleanup: Class

com.webmethods.portal.service.sql.runtime.base.TaskPendingUpdatesCleanup added

com.webmethods.portal.service.sql.runtime.db2.TaskLockSetNew: Class

com.webmethods.portal.service.sql.runtime.db2.TaskLockSetNew added

com.webmethods.portal.service.sql.runtime.db2.UpdateThingCounter: Class

com.webmethods.portal.service.sql.runtime.db2.UpdateThingCounter added

com.webmethods.portal.service.sql.runtime.mssql.ThingNewPar: Class

com.webmethods.portal.service.sql.runtime.mssql.ThingNewPar added

com.webmethods.portal.service.sql.runtime.mssql.UpdateThingCounter: Class

com.webmethods.portal.service.sql.runtime.mssql.UpdateThingCounter added

com.webmethods.portal.service.sql.runtime.mysql.UpdateThingCounter: Class

com.webmethods.portal.service.sql.runtime.mysql.UpdateThingCounter added

com.webmethods.portal.service.sql.runtime.oracle.TaskLockSetNew: Class

com.webmethods.portal.service.sql.runtime.oracle.TaskLockSetNew added

com.webmethods.portal.service.sql.runtime.oracle.UpdateThingCounter: Class

com.webmethods.portal.service.sql.runtime.oracle.UpdateThingCounter added

com.webmethods.portal.service.task.ITaskIndexEngineConfiguration: Class

com.webmethods.portal.service.task.ITaskIndexEngineConfiguration added

com.webmethods.portal.service.task.ITaskIndexManager: Class

com.webmethods.portal.service.task.ITaskIndexManager added

com.webmethods.portal.service.task.ITaskInfoFieldConverters: Class

com.webmethods.portal.service.task.ITaskInfoFieldConverters added

com.webmethods.portal.service.task.ITaskInfoFieldConverters\$AcceptedByListValueConverter: Class

com.webmethods.portal.service.task.ITaskInfoFieldConverters\$AcceptedByListValueConverter added

com.webmethods.portal.service.task.ITaskInfoFieldConverters\$CurrentUserValueConverter: Class

com.webmethods.portal.service.task.ITaskInfoFieldConverters\$CurrentUserValueConverter added

com.webmethods.portal.service.task.ITaskInfoFieldConverters\$DateValueConverter: Class

com.webmethods.portal.service.task.ITaskInfoFieldConverters\$DateValueConverter added

com.webmethods.portal.service.task.ITaskInfoFieldConverters\$FieldValueConverter: Class

com.webmethods.portal.service.task.ITaskInfoFieldConverters\$FieldValueConverter added

com.webmethods.portal.service.task.ITaskInfoFieldConverters\$PriorityValueConverter: Class  
com.webmethods.portal.service.task.ITaskInfoFieldConverters\$PriorityValueConverter added

com.webmethods.portal.service.task.ITaskInfoFieldConverters\$StatusValueConverter: Class  
com.webmethods.portal.service.task.ITaskInfoFieldConverters\$StatusValueConverter added

com.webmethods.portal.service.task.ITaskInfoFieldConverters\$TaskIDValueConverter: Class  
com.webmethods.portal.service.task.ITaskInfoFieldConverters\$TaskIDValueConverter added

com.webmethods.portal.service.task.ITaskInfoFieldConverters\$TaskTypeIDValueConverter: Class  
com.webmethods.portal.service.task.ITaskInfoFieldConverters\$TaskTypeIDValueConverter added

com.webmethods.portal.service.task.ITaskInfoFieldConverters\$URIValueConverter: Class  
com.webmethods.portal.service.task.ITaskInfoFieldConverters\$URIValueConverter added

com.webmethods.portal.service.task.ITaskInfoFieldConverters\$UserValueConverter: Class  
com.webmethods.portal.service.task.ITaskInfoFieldConverters\$UserValueConverter added

com.webmethods.portal.service.task.SearchContext: Class  
com.webmethods.portal.service.task.SearchContext added

com.webmethods.portal.service.task.SearchKey: Class com.webmethods.portal.service.task.SearchKey  
added

com.webmethods.portal.service.task.SearchKey\$TE\_SearchKeys: Class  
com.webmethods.portal.service.task.SearchKey\$TE\_SearchKeys added

com.webmethods.portal.service.task.TaskIndexEngineFactory: Class  
com.webmethods.portal.service.task.TaskIndexEngineFactory added

com.webmethods.portal.service.task.event.ITaskDistributionChangedEvent: Class  
com.webmethods.portal.service.task.event.ITaskDistributionChangedEvent added

com.webmethods.portal.service.task.event.ITaskDistributionChangedEvent\$DistributionChangeType:  
Class  
com.webmethods.portal.service.task.event.ITaskDistributionChangedEvent\$DistributionChangeType  
added

com.webmethods.portal.service.task.event.ITaskDistributionChangedEvent\$IListener: Class  
com.webmethods.portal.service.task.event.ITaskDistributionChangedEvent\$IListener added

com.webmethods.portal.service.task.event.ITaskDistributionChangedEvent\$ISynchronousListener:  
Class  
com.webmethods.portal.service.task.event.ITaskDistributionChangedEvent\$ISynchronousListener  
added

com.webmethods.portal.service.task.event.ITaskDistributionChangedEvent\$Listeners: Class  
com.webmethods.portal.service.task.event.ITaskDistributionChangedEvent\$Listeners added

com.webmethods.portal.service.task.event.ITaskDistributionChangedEvent\$SynchronousListeners:  
Class  
com.webmethods.portal.service.task.event.ITaskDistributionChangedEvent\$SynchronousListeners  
added

com.webmethods.portal.service.task.event.ITaskDistributionChangedEvent\$SynchronousListeners\$SynchronousListener: Class  
com.webmethods.portal.service.task.event.ITaskDistributionChangedEvent\$SynchronousListeners\$SynchronousListener added

com.webmethods.portal.service.task.event.impl.TaskDistributionChangedEvent: Class  
com.webmethods.portal.service.task.event.impl.TaskDistributionChangedEvent added

com.webmethods.portal.service.task.event.impl.TaskReindexStopEvent: Class  
com.webmethods.portal.service.task.event.impl.TaskReindexStopEvent added

com.webmethods.portal.service.task.impl.TaskDBIndexConfiguration: Class  
com.webmethods.portal.service.task.impl.TaskDBIndexConfiguration added

com.webmethods.portal.system.cluster.impl.ClusterNodeRegisteredNotifier: Class  
com.webmethods.portal.system.cluster.impl.ClusterNodeRegisteredNotifier added

com.webmethods.pushNotification.apns.connection.pool.APNSConnectionPool: Class  
com.webmethods.pushNotification.apns.connection.pool.APNSConnectionPool added

com.webmethods.pushNotification.apns.connection.pool.APNSConnectionPoolManager: Class  
com.webmethods.pushNotification.apns.connection.pool.APNSConnectionPoolManager added

com.webmethods.pushNotification.apns.connection.pool.APNSConnectionProvider: Class  
com.webmethods.pushNotification.apns.connection.pool.APNSConnectionProvider added

com.webmethods.pushNotification.apns.connection.pool.APNSPoolableConnection: Class  
com.webmethods.pushNotification.apns.connection.pool.APNSPoolableConnection added

com.webmethods.pushNotification.apns.connection.pool.IConnectionProvider: Class  
com.webmethods.pushNotification.apns.connection.pool.IConnectionProvider added

com.webmethods.pushNotification.apns.connection.pool.IPoolableConnection: Class  
com.webmethods.pushNotification.apns.connection.pool.IPoolableConnection added

**Removed API****Replacement, if any**

com.webmethods.caf.mobile.notify.task.NotificationSender: Removed java.lang.Runnable from the set of implemented interfaces

com.webmethods.caf.mobile.notify.impl.TaskEventsHandler: Removed field OPERATION\_ACCEPTED

com.webmethods.caf.mobile.notify.impl.TaskEventsHandler: Removed field OPERATION\_CANCELLED

com.webmethods.caf.mobile.notify.impl.TaskEventsHandler: Removed field OPERATION\_COMPLETED

com.webmethods.caf.mobile.notify.impl.TaskEventsHandler: Removed field OPERATION\_EXPIRED

com.webmethods.caf.mobile.notify.impl.TaskEventsHandler: Removed field OPERATION\_FAILED

com.webmethods.caf.mobile.notify.impl.TaskEventsHandler: Removed field OPERATION\_QUEUED

com.webmethods.caf.mobile.notify.impl.TaskEventsHandler: Removed field OPERATION\_REASSIGNED

com.webmethods.caf.mobile.notify.impl.TaskEventsHandler: Removed field OPERATION\_RELEASED

com.webmethods.caf.mobile.notify.impl.TaskEventsHandler: Removed field OPERATION\_RESUMED

com.webmethods.caf.mobile.notify.impl.TaskEventsHandler: Removed field OPERATION\_SUSPENDED

com.webmethods.portal.bizPolicy.biz.task.impl.TaskDBOHelper: Removed field reindexAllTaskExecutor

com.webmethods.portal.bizPolicy.biz.task.impl.TaskDBOHelper: Removed field reindexingTasks

com.webmethods.portal.mech.task.impl.TaskMechanics: Removed field USE\_LIGHT\_WEIGHT\_EVENTS

**Deprecated API****Replacement, if any**

com.webmethods.portal.service.task.impl.TaskDistributionService: Method 'public java.util.List getPrincipalActors(com.webmethods.portal.system.IURI[], boolean)' has been deprecated

com.webmethods.portal.service.task.impl.TaskDistributionService: Method 'protected java.util.List returnPagedTaskList(java.lang.String, java.lang.Object[], boolean)' has been deprecated

**Changed API****Description**

com.webmethods.caf.mobile.notify.impl.AppleMessagingCloudConnectionDetails: Increased visibility of class from package to public

com.webmethods.caf.mobile.notify.util.MobileNotifierUtil: Value of compile-time constant ANDROID\_JASON\_PAYLOAD\_TEMPLATE has been changed

com.webmethods.caf.faces.bean.BaseFacesBean: Accessibility of field EMPTY\_RESOURCES has been increased from package to public

com.webmethods.caf.mobile.notify.task.NotificationSender: In method 'public NotificationSender(java.util.concurrent.BlockingQueue, com.sun.jersey.api.client.WebResource\$Builder)' the number of arguments has changed

com.webmethods.caf.mobile.notify.util.MobileNotifierUtil: In method 'public com.webmethods.caf.mobile.notify.task.Message generatePayload(java.util.List, java.lang.String, java.lang.String)' the number of arguments has changed

com.webmethods.portal.jms.um.UmJMSClient: In method 'protected void createQueue(java.lang.String, boolean, int)' the number of arguments has changed

com.webmethods.portal.jms.um.UmJMSClient: In method 'protected void createTopic(java.lang.String, boolean, int)' the number of arguments has changed

com.webmethods.portal.mech.task.impl.TaskMechanics: In method 'public void fireTaskReindexStopEvent(com.webmethods.portal.service.task.ITaskDefinition)' the number of arguments has changed

com.webmethods.caf.mobile.notify.util.MobileNotifierUtil: Return type of method 'public com.webmethods.caf.mobile.notify.task.Message generateAndroidPayload(java.util.List, java.lang.String, java.lang.String)' has been changed to java.lang.String

com.webmethods.portal.jms.db.DbJMSConnProvider: Accessibility of method 'public DbJMSConnProvider()' has been decreased from public to private

**Release 9.12****Added API****Description**

com.webmethods.caf.common.thread.NamedThreadFactory: Method 'public NamedThreadFactory(java.lang.String, boolean)' has been added

com.webmethods.caf.faces.bean.mws\_ui.HtmlHead: Method 'public java.lang.String getEffectsJS()' has been added

com.webmethods.caf.faces.convert.FormattedDateTimeConverter: Added protected field dateFormatDefault

com.webmethods.caf.faces.data.object.DateRange: Added protected field controlCalendar

Added API	Description
com.webmethods.caf.faces.data.object.DateRange:	Method 'protected java.util.Calendar getControlCalendar(javax.faces.context.FacesContext)' has been added
com.webmethods.caf.faces.data.object.DateRange:	Method 'public void setControlCalendar(java.util.Calendar)' has been added
com.webmethods.caf.mobile.notify.IMobileNotificationConstants:	Class com.webmethods.caf.mobile.notify.IMobileNotificationConstants added
com.webmethods.caf.mobile.notify.IMobileNotificationProvider:	Class com.webmethods.caf.mobile.notify.IMobileNotificationProvider added
com.webmethods.caf.mobile.notify.IMobileNotifierComponent:	Class com.webmethods.caf.mobile.notify.IMobileNotifierComponent added
com.webmethods.caf.mobile.notify.activator.MobileNotificationActivator:	Class com.webmethods.caf.mobile.notify.activator.MobileNotificationActivator added
com.webmethods.caf.mobile.notify.impl.MobileNotificationProvider:	Class com.webmethods.caf.mobile.notify.impl.MobileNotificationProvider added
com.webmethods.caf.mobile.notify.impl.MobileNotifierComponent:	Class com.webmethods.caf.mobile.notify.impl.MobileNotifierComponent added
com.webmethods.caf.mobile.notify.impl.TaskEventsHandler:	Class com.webmethods.caf.mobile.notify.impl.TaskEventsHandler added
com.webmethods.caf.mobile.notify.task.Message:	Class com.webmethods.caf.mobile.notify.task.Message added
com.webmethods.caf.mobile.notify.task.MonitorPendingNotificationMessages:	Class com.webmethods.caf.mobile.notify.task.MonitorPendingNotificationMessages added
com.webmethods.caf.mobile.notify.task.NotificationSender:	Class com.webmethods.caf.mobile.notify.task.NotificationSender added
com.webmethods.caf.mobile.notify.util.MobileNotifierUtil:	Class com.webmethods.caf.mobile.notify.util.MobileNotifierUtil added
com.webmethods.caf.wssserver.auth.saml.SamlUtils:	Method 'public org.w3c.dom.Element marshalSamlObject(org.opensaml.xml.XMLObject)' has been added
com.webmethods.caf.wssserver.auth.saml.SamlUtils:	Method 'public org.opensaml.xml.XMLObject unmarshalElement(org.w3c.dom.Element)' has been added
com.webmethods.portal.bizPolicy.biz.dir.IGroupBizPolicy:	Added com.webmethods.portal.bizPolicy.biz.view.IViewableContainerPolicy to the set of implemented interfaces
com.webmethods.portal.bizPolicy.biz.dir.IPrincipalBizPolicy:	Added com.webmethods.portal.bizPolicy.biz.view.IViewableContainerPolicy to the set of implemented

**Added API****Description**

interfaces

com.webmethods.portal.bizPolicy.biz.dir.IUserBizPolicy: Added  
com.webmethods.portal.bizPolicy.biz.view.IViewableContainerPolicy to the set of implemented interfaces

com.webmethods.portal.bizPolicy.biz.dir.impl.GroupBizPolicy: Added  
com.webmethods.portal.bizPolicy.biz.view.IViewableContainerPolicy to the set of implemented interfaces

com.webmethods.portal.bizPolicy.biz.dir.impl.GroupBizPolicy: Added  
com.webmethods.portal.bizPolicy.biz.view.impl.ViewableContainerPolicy to the list of superclasses

com.webmethods.portal.bizPolicy.biz.dir.impl.PrincipalBizPolicy: Added  
com.webmethods.portal.bizPolicy.biz.view.IViewableContainerPolicy to the set of implemented interfaces

com.webmethods.portal.bizPolicy.biz.dir.impl.PrincipalBizPolicy: Added  
com.webmethods.portal.bizPolicy.biz.view.impl.ViewableContainerPolicy to the list of superclasses

com.webmethods.portal.bizPolicy.biz.dir.impl.UserBizPolicy: Added  
com.webmethods.portal.bizPolicy.biz.view.IViewableContainerPolicy to the set of implemented interfaces

com.webmethods.portal.bizPolicy.biz.dir.impl.UserBizPolicy: Added  
com.webmethods.portal.bizPolicy.biz.view.impl.ViewableContainerPolicy to the list of superclasses

com.webmethods.portal.bizPolicy.biz.task.impl.TaskInfo: Added java.io.Serializable to the set of implemented interfaces

com.webmethods.portal.bizPolicy.biz.task.impl.TaskInfoExtended: Added java.io.Serializable to the set of implemented interfaces

com.webmethods.portal.bizPolicy.command.ICommandManager: Method 'public  
com.webmethods.portal.bizPolicy.command.IRemoteCommandTransport  
getRemoteCommandTransport(java.lang.String)' has been added to an interface

com.webmethods.portal.bizPolicy.command.ICommandManager: Method 'public java.util.List  
invokeClusterCommand(com.webmethods.portal.bizPolicy.IContext,

com.webmethods.portal.bizPolicy.command.ICommand,  
com.webmethods.portal.bizPolicy.command.ICommandBean)' has been added to an interface

com.webmethods.portal.bizPolicy.command.ICommandResponseEntry: Class

com.webmethods.portal.bizPolicy.command.ICommandResponseEntry added

com.webmethods.portal.bizPolicy.command.dir.GetPortalStyle: Method 'protected void  
checkAccess(com.webmethods.portal.bizPolicy.IContext,

com.webmethods.portal.mech.dir.IPrincipalMechanics, com.webmethods.portal.system.IURI)' has been added

**Added API****Description**

com.webmethods.portal.bizPolicy.command.dir.SearchDirectory: Method 'protected void checkAccess(com.webmethods.portal.bizPolicy.IContext, com.webmethods.portal.mech.dir.IDirServiceMechanics, com.webmethods.portal.service.meta2.thing.IThingID)' has been added

com.webmethods.portal.bizPolicy.command.dir.SearchDirectoryEx: Method 'protected void checkAccess(com.webmethods.portal.bizPolicy.IContext, com.webmethods.portal.mech.dir.IDirServiceMechanics, com.webmethods.portal.service.meta2.thing.IThingID)' has been added

com.webmethods.portal.bizPolicy.command.dir.SearchDirectoryRefined: Method 'protected void checkAccess(com.webmethods.portal.bizPolicy.IContext, com.webmethods.portal.mech.dir.IDirServiceMechanics, com.webmethods.portal.service.meta2.thing.IThingID)' has been added

com.webmethods.portal.bizPolicy.command.dir.SearchDirectoryRefinedPaged: Method 'protected void checkAccess(com.webmethods.portal.bizPolicy.IContext, com.webmethods.portal.mech.dir.IDirServiceMechanics, com.webmethods.portal.service.meta2.thing.IThingID)' has been added

com.webmethods.portal.bizPolicy.command.impl.CommandManager: Method 'public com.webmethods.portal.bizPolicy.command.IRemoteCommandTransport getRemoteCommandTransport(java.lang.String)' has been added

com.webmethods.portal.bizPolicy.command.impl.CommandManager: Method 'public java.util.List invokeClusterCommand(com.webmethods.portal.bizPolicy.IContext, com.webmethods.portal.bizPolicy.command.ICommand, com.webmethods.portal.bizPolicy.command.ICommandBean)' has been added

com.webmethods.portal.bizPolicy.command.remote.RemoteCommand: Class  
com.webmethods.portal.bizPolicy.command.remote.RemoteCommand added

com.webmethods.portal.bizPolicy.command.remote.RemoteCommandBean: Class  
com.webmethods.portal.bizPolicy.command.remote.RemoteCommandBean added

com.webmethods.portal.bizPolicy.command.remote.jms.JmsRemoteCommandTransport: Class  
com.webmethods.portal.bizPolicy.command.remote.jms.JmsRemoteCommandTransport added

com.webmethods.portal.bizPolicy.command.remote.jms.JmsRemoteCommandTransport\$RemoteJmsException: Class

com.webmethods.portal.bizPolicy.command.remote.jms.JmsRemoteCommandTransport\$RemoteJmsException added

com.webmethods.portal.bizPolicy.command.remote.jms.JmsRemoteTransaction: Class  
com.webmethods.portal.bizPolicy.command.remote.jms.JmsRemoteTransaction added



**Added API****Description**

com.webmethods.portal.bizPolicy.command.system.JndiRefreshCluster: Class  
com.webmethods.portal.bizPolicy.command.system.JndiRefreshCluster added

com.webmethods.portal.bizPolicy.command.task.jms.AbstractTaskCommand: Class  
com.webmethods.portal.bizPolicy.command.task.jms.AbstractTaskCommand added

com.webmethods.portal.bizPolicy.command.task.jms.AbstractTaskCommandBean: Class  
com.webmethods.portal.bizPolicy.command.task.jms.AbstractTaskCommandBean added

com.webmethods.portal.bizPolicy.command.task.jms.AddTaskAttachmentJMS: Class  
com.webmethods.portal.bizPolicy.command.task.jms.AddTaskAttachmentJMS added

com.webmethods.portal.bizPolicy.command.task.jms.AddTaskCommentJMS: Class  
com.webmethods.portal.bizPolicy.command.task.jms.AddTaskCommentJMS added

com.webmethods.portal.bizPolicy.command.task.jms.DeleteTaskAttachmentJMS: Class  
com.webmethods.portal.bizPolicy.command.task.jms.DeleteTaskAttachmentJMS added

com.webmethods.portal.bizPolicy.command.task.jms.DeleteTaskCommentJMS: Class  
com.webmethods.portal.bizPolicy.command.task.jms.DeleteTaskCommentJMS added

com.webmethods.portal.bizPolicy.command.task.jms.DeleteTaskJMS: Class  
com.webmethods.portal.bizPolicy.command.task.jms.DeleteTaskJMS added

com.webmethods.portal.bizPolicy.command.task.jms.GetTaskAttachmentsJMS: Class  
com.webmethods.portal.bizPolicy.command.task.jms.GetTaskAttachmentsJMS added

com.webmethods.portal.bizPolicy.command.task.jms.GetTaskAuditJMS: Class  
com.webmethods.portal.bizPolicy.command.task.jms.GetTaskAuditJMS added

com.webmethods.portal.bizPolicy.command.task.jms.GetTaskCommentsJMS: Class  
com.webmethods.portal.bizPolicy.command.task.jms.GetTaskCommentsJMS added

com.webmethods.portal.bizPolicy.command.task.jms.GetTaskJMS: Class  
com.webmethods.portal.bizPolicy.command.task.jms.GetTaskJMS added

com.webmethods.portal.bizPolicy.command.task.jms.QueueTaskJMS: Class  
com.webmethods.portal.bizPolicy.command.task.jms.QueueTaskJMS added

com.webmethods.portal.bizPolicy.command.task.jms.SearchTasksFieldsJMS: Class  
com.webmethods.portal.bizPolicy.command.task.jms.SearchTasksFieldsJMS added

com.webmethods.portal.bizPolicy.command.task.jms.SearchTasksJMS: Class  
com.webmethods.portal.bizPolicy.command.task.jms.SearchTasksJMS added

com.webmethods.portal.bizPolicy.command.task.jms.SearchTasksPagedJMS: Class  
com.webmethods.portal.bizPolicy.command.task.jms.SearchTasksPagedJMS added

com.webmethods.portal.bizPolicy.command.task.jms.SearchTasksTotalCountJMS: Class  
com.webmethods.portal.bizPolicy.command.task.jms.SearchTasksTotalCountJMS added

com.webmethods.portal.bizPolicy.command.task.jms.UpdateTaskAttachmentJMS: Class

Added API	Description
com.webmethods.portal.bizPolicy.command.task.jms.UpdateTaskAttachmentJMS	added
com.webmethods.portal.bizPolicy.command.task.jms.UpdateTaskCommentJMS	Class
com.webmethods.portal.bizPolicy.command.task.jms.UpdateTaskCommentJMS	added
com.webmethods.portal.bizPolicy.command.task.jms.UpdateTaskJMS	Class
com.webmethods.portal.bizPolicy.command.task.jms.UpdateTaskJMS	added
com.webmethods.portal.bizPolicy.command.task.jms.impl.TaskJMSUtils	Class
com.webmethods.portal.bizPolicy.command.task.jms.impl.TaskJMSUtils	added
com.webmethods.portal.bizPolicy.command.task.rs.MWSCustomDispatchProvider	Class
com.webmethods.portal.bizPolicy.command.task.rs.MWSCustomDispatchProvider	added
com.webmethods.portal.bizPolicy.command.task.rs.MWSRequestDispatcher	Class
com.webmethods.portal.bizPolicy.command.task.rs.MWSRequestDispatcher	added
com.webmethods.portal.bizPolicy.command.task.webservice.SearchTasksFieldsWS	Added
java.io.Serializable	to the set of implemented interfaces
com.webmethods.portal.bizPolicy.command.task.webservice.SearchTasksWS	Added
java.io.Serializable	to the set of implemented interfaces
com.webmethods.portal.bizPolicy.command.task.webservice.Task	Added
java.io.Serializable	to the set of implemented interfaces
com.webmethods.portal.bizPolicy.command.task.webservice.dotnet.SearchTasksDotNetWS	Added
java.io.Serializable	to the set of implemented interfaces
com.webmethods.portal.bizPolicy.command.task.webservice.dotnet.SearchTasksFieldsDotNetWS	Added
java.io.Serializable	to the set of implemented interfaces
com.webmethods.portal.bizPolicy.impl.upgrade.MoveVersionSystemComponentData	Class
com.webmethods.portal.bizPolicy.impl.upgrade.MoveVersionSystemComponentData	added
com.webmethods.portal.event.dir.IDirPrincipalDNUpdateEvent	Class
com.webmethods.portal.event.dir.IDirPrincipalDNUpdateEvent	added
com.webmethods.portal.event.dir.IDirPrincipalDNUpdateEvent\$ILListener	Class
com.webmethods.portal.event.dir.IDirPrincipalDNUpdateEvent\$ILListener	added
com.webmethods.portal.event.dir.IDirPrincipalDNUpdateEvent\$ISynchronousListener	Class
com.webmethods.portal.event.dir.IDirPrincipalDNUpdateEvent\$ISynchronousListener	added
com.webmethods.portal.event.dir.IDirPrincipalDNUpdateEvent\$Listeners	Class
com.webmethods.portal.event.dir.IDirPrincipalDNUpdateEvent\$Listeners	added
com.webmethods.portal.event.dir.IDirPrincipalDNUpdateEvent\$QueueListeners	Class
com.webmethods.portal.event.dir.IDirPrincipalDNUpdateEvent\$QueueListeners	added
com.webmethods.portal.event.dir.IDirPrincipalDNUpdateEvent\$SynchronousListeners	Class
com.webmethods.portal.event.dir.IDirPrincipalDNUpdateEvent\$SynchronousListeners	added

Added API	Description
com.webmethods.portal.event.dir.impl.DirPrincipalDNUpdateEvent: Class com.webmethods.portal.event.dir.impl.DirPrincipalDNUpdateEvent added	
com.webmethods.portal.event.sso.ISSODataChangeEvent: Class com.webmethods.portal.event.sso.ISSODataChangeEvent added	
com.webmethods.portal.event.sso.ISSODataChangeEvent\$IListener: Class com.webmethods.portal.event.sso.ISSODataChangeEvent\$IListener added	
com.webmethods.portal.event.sso.ISSODataChangeEvent\$ISynchronousListener: Class com.webmethods.portal.event.sso.ISSODataChangeEvent\$ISynchronousListener added	
com.webmethods.portal.event.sso.ISSODataChangeEvent\$Listeners: Class com.webmethods.portal.event.sso.ISSODataChangeEvent\$Listeners added	
com.webmethods.portal.event.sso.ISSODataChangeEvent\$QueueListeners: Class com.webmethods.portal.event.sso.ISSODataChangeEvent\$QueueListeners added	
com.webmethods.portal.event.sso.ISSODataChangeEvent\$SynchronousListeners: Class com.webmethods.portal.event.sso.ISSODataChangeEvent\$SynchronousListeners added	
com.webmethods.portal.event.sso.impl.SSODataChangeEvent: Class com.webmethods.portal.event.sso.impl.SSODataChangeEvent added	
com.webmethods.portal.framework.dispatch.handlers.system.SAMLSSOHandler: Class com.webmethods.portal.framework.dispatch.handlers.system.SAMLSSOHandler added	
com.webmethods.portal.framework.dispatch.preProcessors.OpenRedirectCheck: Class com.webmethods.portal.framework.dispatch.preProcessors.OpenRedirectCheck added	
com.webmethods.portal.framework.dispatch.resolvers.SAMLAuthReqResolver: Class com.webmethods.portal.framework.dispatch.resolvers.SAMLAuthReqResolver added	
com.webmethods.portal.framework.impl.PortalServlet: Added public field PORTAL_SERVLET_LOCK_OBJ	
com.webmethods.portal.framework.portletcontainer.servlet.JettyPortletRequestWrapper: Method 'public org.eclipse.jetty.util.MultiMap getParameterMultiMap()' has been added	
com.webmethods.portal.framework.portletcontainer.servlet.JettyPortletRequestWrapper: Method 'public java.util.Map getParameters()' has been added	
com.webmethods.portal.jms.JMSPhaseProvider: Added com.webmethods.portal.system.IComponent to the set of implemented interfaces	
com.webmethods.portal.jms.JMSPhaseProvider: Added com.webmethods.portal.system.IConstants to the set of implemented interfaces	
com.webmethods.portal.jms.JMSPhaseProvider: Added com.webmethods.portal.system.impl.BaseComponent to the list of superclasses	
com.webmethods.portal.jms.JMSPhaseProvider: Added public field COMPONENT_NAME	

Added API	Description
com.webmethods.portal.jms.um.UmJMSSClient:	Added abstract modifier to class
com.webmethods.portal.jms.um.UmJMSSClient:	Added
com.webmethods.portal.system.init.IInitializable	to the set of implemented interfaces
com.webmethods.portal.jms.um.UmJMSSClient:	Added com.webmethods.rtl.msg.jms.IJMSPProvider to the set of implemented interfaces
com.webmethods.portal.jms.um.UmJMSSClient:	Added com.webmethods.rtl.msg.jms.JMSPProvider to the list of superclasses
com.webmethods.portal.jms.um.UmJMSSClient:	Added
com.webmethods.rtl.msg.jms.JMSStdConnProvider	to the list of superclasses
com.webmethods.portal.jms.um.UmJMSSClient:	Method 'protected boolean createInitialContext()' has been added
com.webmethods.portal.jms.um.UmJMSSClient:	Method 'protected void registerFactory(org.w3c.dom.Element)' has been added
com.webmethods.portal.jms.um.UmJMSSClient:	Method 'protected void registerQueue(org.w3c.dom.Element)' has been added
com.webmethods.portal.jms.um.UmJMSSClient:	Method 'protected void registerTopic(org.w3c.dom.Element)' has been added
com.webmethods.portal.jms.um.UmJMSSClient:	Method 'protected void resetContext()' has been added
com.webmethods.portal.jms.um.UmJMSSConnProvider:	Added
com.webmethods.portal.jms.um.UmJMSSClient	to the list of superclasses
com.webmethods.portal.jms.um.UmJMSSConnProvider:	Method 'protected void onDisconnect(boolean)' has been added
com.webmethods.portal.jms.um.UmJMSSConnProvider:	Method 'public void onShutdown()' has been added
com.webmethods.portal.mech.dir.IDirServiceMechanics:	Method 'public java.util.List updatePrincipalUUID(int)' has been added to an interface
com.webmethods.portal.mech.dir.IGroupMechanics:	Added
com.webmethods.portal.mech.view.IViewableContainerMechanics	to the set of implemented interfaces
com.webmethods.portal.mech.dir.IPrincipalMechanics:	Added
com.webmethods.portal.mech.view.IViewableContainerMechanics	to the set of implemented interfaces
com.webmethods.portal.mech.dir.IRoleMechanics:	Added
com.webmethods.portal.mech.view.IViewableContainerMechanics	to the set of implemented interfaces
com.webmethods.portal.mech.dir.IUserMechanics:	Added
com.webmethods.portal.mech.view.IViewableContainerMechanics	to the set of implemented interfaces
com.webmethods.portal.mech.dir.impl.DirMechanicsUtils:	Method 'public java.lang.String

**Added API****Description**

`generateUUIDQuery(com.webmethods.portal.service.dir.IDirService, java.lang.String, int)` has been added

`com.webmethods.portal.mech.dir.impl.DirServiceMechanics`: Method `'public java.util.List updatePrincipalUUID(int)'` has been added

`com.webmethods.portal.mech.dir.impl.GroupMechanics`: Added  
`com.webmethods.portal.mech.view.IViewableContainerMechanics` to the set of implemented interfaces

`com.webmethods.portal.mech.dir.impl.GroupMechanics`: Added  
`com.webmethods.portal.mech.view.impl.ViewableContainerMechanics` to the list of superclasses

`com.webmethods.portal.mech.dir.impl.PrincipalMechanics`: Added  
`com.webmethods.portal.mech.view.IViewableContainerMechanics` to the set of implemented interfaces

`com.webmethods.portal.mech.dir.impl.PrincipalMechanics`: Added  
`com.webmethods.portal.mech.view.impl.ViewableContainerMechanics` to the list of superclasses

`com.webmethods.portal.mech.dir.impl.RoleMechanics`: Added  
`com.webmethods.portal.mech.view.IViewableContainerMechanics` to the set of implemented interfaces

`com.webmethods.portal.mech.dir.impl.RoleMechanics`: Added  
`com.webmethods.portal.mech.view.impl.ViewableContainerMechanics` to the list of superclasses

`com.webmethods.portal.mech.dir.impl.UserMechanics`: Added  
`com.webmethods.portal.mech.view.IViewableContainerMechanics` to the set of implemented interfaces

`com.webmethods.portal.mech.dir.impl.UserMechanics`: Added  
`com.webmethods.portal.mech.view.impl.ViewableContainerMechanics` to the list of superclasses

`com.webmethods.portal.mech.task.impl.RefreshTaskHandler`: Class  
`com.webmethods.portal.mech.task.impl.RefreshTaskHandler` added

`com.webmethods.portal.mech.task.impl.TaskHelper`: Method `'public java.lang.ClassLoader getClassLoaderIfExists(com.webmethods.portal.service.task.ITaskDefinition)'` has been added

`com.webmethods.portal.mech.view.impl.ViewableContainerMechanics`: Method `'protected com.webmethods.portal.service.view.IPagingCookie createPagingCookie(com.webmethods.portal.service.meta2.thing.IThingID)'` has been added

`com.webmethods.portal.service.access.IAccessPrivilegeConfiguration`: Class  
`com.webmethods.portal.service.access.IAccessPrivilegeConfiguration` added

`com.webmethods.portal.service.access.impl.DashboardAclManager`: Class  
`com.webmethods.portal.service.access.impl.DashboardAclManager` added

`com.webmethods.portal.service.access.impl.DashboardAclManager$DashboardAclResource`: Class  
`com.webmethods.portal.service.access.impl.DashboardAclManager$DashboardAclResource` added

`com.webmethods.portal.service.access.impl.DashboardContainerAclManager`: Class  
`com.webmethods.portal.service.access.impl.DashboardContainerAclManager` added

Added API	Description
com.webmethods.portal.service.access.impl.DashboardContainerAclManager\$DashboardContainerAclResource: Class	
com.webmethods.portal.service.access.impl.DashboardContainerAclManager\$DashboardContainerAclResource added	
com.webmethods.portal.service.access.impl.GadgetsAclManager: Method 'public java.util.Map getResultColumnMetadata()' has been added	
com.webmethods.portal.service.access.impl.GadgetsAclManager: Method 'public java.util.List searchResources(com.webmethods.caf.faces.search.query.ISearchQuery)' has been added	
com.webmethods.portal.service.access.impl.GadgetsAclManager\$GadgetAclResource: Method 'public java.lang.Object getValue(java.lang.Object)' has been added	
com.webmethods.portal.service.access.impl.WMAppsAclManager: Method 'public void addServiceTracker(org.osgi.framework.BundleContext)' has been added	
com.webmethods.portal.service.access.impl.WMAppsAclManager: Method 'public void stopServiceTracker()' has been added	
com.webmethods.portal.service.cache.impl.AliasCache: Added	com.webmethods.portal.event.remove.IDeleteEvent\$ISynchronousListener to the set of implemented interfaces
com.webmethods.portal.service.cache.impl.AliasCache: Method 'public void onSynchronousEvent(com.webmethods.portal.event.remove.IDeleteEvent)' has been added	
com.webmethods.portal.service.dir.DirectoryTools: Added public field UUIDUserResolution	
com.webmethods.portal.service.dir.DirectoryTools: Added protected field UUID_CONFIG	
com.webmethods.portal.service.dir.DirectoryTools: Method 'public com.webmethods.portal.service.dir.IDirService getDirectoryService(com.webmethods.portal.system.IURI)' has been added	
com.webmethods.portal.service.dir.DirectoryTools: Method 'public java.util.List getEmptyUUIDUsers()' has been added	
com.webmethods.portal.service.dir.DirectoryTools: Method 'public java.lang.Boolean getUUIDResolution()' has been added	
com.webmethods.portal.service.dir.DirectoryTools: Method 'public java.lang.String getUserDNFromUserUUID(java.lang.String, com.webmethods.portal.service.meta2.IUserService)' has been added	
com.webmethods.portal.service.dir.DirectoryTools: Method 'public void invalidateGroupRoleCache(com.webmethods.portal.service.meta2.thing.IThingID)' has been added	
com.webmethods.portal.service.dir.DirectoryTools: Method 'public com.webmethods.portal.service.meta2.thing.IThingID	

Added API	Description
	resolveUserByUUID(com.webmethods.portal.service.dir.init.IInitializableUser)' has been added
	com.webmethods.portal.service.dir.DirectoryTools: Method 'public java.util.List updatePrincipalUUID()' has been added
	com.webmethods.portal.service.dir.IDirConstants: Added public field USER_UUID
	com.webmethods.portal.service.dir.IDirQueryProvider: Method 'public com.webmethods.portal.service.dir.IDirPrincipal lookupByUUID(int, java.lang.String)' has been added to an interface
	com.webmethods.portal.service.dir.impl.DirServicePortletBean: Method 'public boolean isSirNameFirst(com.webmethods.portal.bizPolicy.IContext)' has been added
	com.webmethods.portal.service.dir.init.IInitializablePrincipal: Method 'public java.lang.String getUUID()' has been added to an interface
	com.webmethods.portal.service.dir.init.impl.InitializablePrincipal: Method 'public java.lang.String getUUID()' has been added
	com.webmethods.portal.service.meta2.IUserService: Method 'public java.util.List getEmptyUUIDUsers()' has been added to an interface
	com.webmethods.portal.service.meta2.IUserService: Method 'public java.util.Map getUserDetailsByURI(com.webmethods.portal.system.IURI)' has been added to an interface
	com.webmethods.portal.service.meta2.IUserService: Method 'public java.util.Map getUserDetailsByUUID(java.lang.String)' has been added to an interface
	com.webmethods.portal.service.meta2.IUserService: Method 'public void invalidateUserUUID()' has been added to an interface
	com.webmethods.portal.service.meta2.IUserService: Method 'public void updateDistinguishedName(java.lang.String, java.lang.String, int)' has been added to an interface
	com.webmethods.portal.service.meta2.IUserService: Method 'public void updateUUID(java.lang.String, java.lang.String, int)' has been added to an interface
	com.webmethods.portal.service.meta2.directory.IUserInfo: Method 'public java.lang.String getUUID()' has been added to an interface
	com.webmethods.portal.service.meta2.directory.impl.User: Method 'public java.lang.String getUUID()' has been added
	com.webmethods.portal.service.meta2.directory.impl.UserInfo: Added protected field uuid
	com.webmethods.portal.service.meta2.directory.impl.UserInfo: Method 'public java.lang.String getUUID()' has been added
	com.webmethods.portal.service.meta2.impl.UserService: Method 'public java.util.List getEmptyUUIDUsers()' has been added
	com.webmethods.portal.service.meta2.impl.UserService: Method 'public java.util.Map

Added API	Description
getUserDetailsByURI(com.webmethods.portal.system.IURI)	' has been added
com.webmethods.portal.service.meta2.impl.UserService: Method 'public java.util.Map getUserDetailsByUUID(java.lang.String)'	' has been added
com.webmethods.portal.service.meta2.impl.UserService: Method 'public void invalidateUserUUID()'	' has been added
com.webmethods.portal.service.meta2.impl.UserService: Method 'public void updateDistinguishedName(java.lang.String, java.lang.String, int)'	' has been added
com.webmethods.portal.service.meta2.impl.UserService: Method 'public void updateUUID(java.lang.String, java.lang.String, int)'	' has been added
com.webmethods.portal.service.socialbpm.chart.impl.ChartData: Method 'public java.lang.String getTaskTypeID()'	' has been added
com.webmethods.portal.service.socialbpm.chart.impl.ChartData: Method 'public void setTaskTypeID(java.lang.String)'	' has been added
com.webmethods.portal.service.socialbpm.chart.impl.ChartService: Method 'protected java.lang.String getTaskTypeID(java.lang.String)'	' has been added
com.webmethods.portal.service.sql.runtime.base.EmptyUUIDUserList: Class	com.webmethods.portal.service.sql.runtime.base.EmptyUUIDUserList added
com.webmethods.portal.service.sql.runtime.base.InvalidateUserUUID: Class	com.webmethods.portal.service.sql.runtime.base.InvalidateUserUUID added
com.webmethods.portal.service.sql.runtime.base.SetUserGroupUUID: Class	com.webmethods.portal.service.sql.runtime.base.SetUserGroupUUID added
com.webmethods.portal.service.sql.runtime.base.TaskLockSetNew: Class	com.webmethods.portal.service.sql.runtime.base.TaskLockSetNew added
com.webmethods.portal.service.sql.runtime.base.UserDetailsByURI: Class	com.webmethods.portal.service.sql.runtime.base.UserDetailsByURI added
com.webmethods.portal.service.sql.runtime.base.UserDetailsByUUID: Class	com.webmethods.portal.service.sql.runtime.base.UserDetailsByUUID added
com.webmethods.portal.service.task.ITaskLockingService: Method 'public	com.webmethods.portal.service.task.ITaskLock acquireLock(com.webmethods.portal.system.IURI,
com.webmethods.portal.system.IURI, long, long, boolean)'	' has been added to an interface
com.webmethods.portal.service.task.event.RefreshTaskEvent: Class	com.webmethods.portal.service.task.event.RefreshTaskEvent added
com.webmethods.portal.service.task.event.RefreshTaskEvent\$ISynchronousListener: Class	com.webmethods.portal.service.task.event.RefreshTaskEvent\$ISynchronousListener added
com.webmethods.portal.service.task.event.RefreshTaskEvent\$SynchronousListeners: Class	



Added API	Description
com.webmethods.portal.service.task.event.RefreshTaskEvent\$SynchronousListeners	added
com.webmethods.portal.service.task.event.RefreshTaskEvent\$SynchronousListeners\$SynchronousListener	Class
com.webmethods.portal.service.task.event.RefreshTaskEvent\$SynchronousListeners\$SynchronousListener	added
com.webmethods.portal.service.task.event.TaskChangedEventRetry	Class
com.webmethods.portal.service.task.event.TaskChangedEventRetry	added
com.webmethods.portal.service.task.event.impl.RefreshTaskEvent	Class
com.webmethods.portal.service.task.event.impl.RefreshTaskEvent	added
com.webmethods.portal.service.task.impl.TaskLockingService	Method 'public
com.webmethods.portal.service.task.ITaskLock	acquireLock(com.webmethods.portal.system.IURI,
com.webmethods.portal.system.IURI, long, long, boolean)'	has been added
com.webmethods.portal.system.ISAMLSSOConstants	Class
com.webmethods.portal.system.ISAMLSSOConstants	added
com.webmethods.portal.system.cluster.IClusterProvider	Method 'public java.lang.String
getClusterId()'	has been added to an interface
com.webmethods.portal.system.cluster.IClusterProvider	Method 'public boolean
isCurrentServer(com.webmethods.portal.system.cluster.IServer)'	has been added to an interface
com.webmethods.portal.system.cluster.IClusterProvider	Method 'public void
recreateJNDIConnection()'	has been added to an interface
com.webmethods.portal.system.cluster.IClusterProvider	Method 'public boolean
reloadJNDIProviderURL()'	has been added to an interface
com.webmethods.portal.system.cluster.impl.ClusterProvider	Added public field
CLUSTER_ID_PROP_KEY	
com.webmethods.portal.system.cluster.impl.ClusterProvider	Added public field s_logCategory
com.webmethods.portal.system.cluster.impl.ClusterProvider	Method 'public java.lang.String
getClusterId()'	has been added
com.webmethods.portal.system.cluster.impl.ClusterProvider	Method 'public boolean
isCurrentServer(com.webmethods.portal.system.cluster.IServer)'	has been added
com.webmethods.portal.system.cluster.impl.ClusterProvider	Method 'public void
recreateJNDIConnection()'	has been added
com.webmethods.portal.system.cluster.impl.ClusterProvider	Method 'public boolean
reloadJNDIProviderURL()'	has been added
com.webmethods.portal.system.sso.saml.idp.SAMLIdentityProvider	Class
com.webmethods.portal.system.sso.saml.idp.SAMLIdentityProvider	added

Added API	Description
com.webmethods.portal.system.sso.saml.idp.SAMLSSODataChangeListener: Class com.webmethods.portal.system.sso.saml.idp.SAMLSSODataChangeListener added	
com.webmethods.portal.system.sso.saml.idp.SAMLServiceProvider: Class com.webmethods.portal.system.sso.saml.idp.SAMLServiceProvider added	
com.webmethods.portal.system.sso.saml.idp.SSOIDPConfiguration: Class com.webmethods.portal.system.sso.saml.idp.SSOIDPConfiguration added	
com.webmethods.portal.system.sso.saml.idp.WebSSOPropsUtil: Class com.webmethods.portal.system.sso.saml.idp.WebSSOPropsUtil added	
com.webmethods.portal.taglib.TaglibUtil: Method 'public java.lang.String generateUniqueID()' has been added	
com.webmethods.portal.webservices.wsclient.PortalArtifactFactory: Method 'public org.opensaml.saml2.core.AuthnRequest getAuthnRequest(java.lang.String)' has been added	
com.webmethods.portal.webservices.wsclient.PortalArtifactFactory: Method 'public java.lang.String getResponse(java.net.URL, java.lang.String, java.util.Map, java.lang.String[], java.util.Map, org.opensaml.saml2.core.AuthnRequest)' has been added	
com.webmethods.portal.webservices.wsclient.PortalArtifactFactory: Method 'public void reInitSecurityTokenService()' has been added	
com.webmethods.rtl.event.DeliveryService: Method 'public java.lang.String addClusterIdPrefix(java.lang.String)' has been added	
com.webmethods.rtl.event.DeliveryService: Method 'public void setClusterId(java.lang.String)' has been added	
com.webmethods.rtl.event.DeliveryService: Method 'public void startRemoteDelivery()' has been added	
com.webmethods.rtl.event.DeliveryService: Method 'public void stopRemoteDelivery()' has been added	
com.webmethods.rtl.event.Event: Method 'public java.lang.String getJcrSessionUserData()' has been added	
com.webmethods.rtl.event.IEvent: Method 'public java.lang.String getJcrSessionUserData()' has been added to an interface	
com.webmethods.rtl.jms.PortalClientOverJMS: Class com.webmethods.rtl.jms.PortalClientOverJMS added	
com.webmethods.rtl.logging.EnhancedPatternLayout: Class com.webmethods.rtl.logging.EnhancedPatternLayout added	
com.webmethods.rtl.msg.jms.IJMSPProvider: Method 'public java.lang.String getEndpointAddress()' has been added to an interface	

Added API	Description
com.webmethods.rtl.msg.jms.IJMSPProvider:	Method 'public boolean isConnected()' has been added to an interface
com.webmethods.rtl.msg.jms.JMSPProvider:	Added protected field m_endpointAddress
com.webmethods.rtl.msg.jms.JMSPProvider:	Added protected field m_isConnected
com.webmethods.rtl.msg.jms.JMSPProvider:	Method 'public java.lang.String getEndpointAddress()' has been added
com.webmethods.rtl.msg.jms.JMSPProvider:	Method 'public boolean isConnected()' has been added
com.webmethods.rtl.msg.jms.JMSPProvider:	Abstract method 'protected void stopConnections()' has been added
com.webmethods.rtl.msg.jms.JMSStdConnProvider:	Method 'protected void stopConnections()' has been added
com.webmethods.rtl.script.JspC:	Method 'public java.lang.String getExcludes()' has been added
com.webmethods.rtl.script.JspC:	Method 'public void setExcludes(java.lang.String)' has been added
com.webmethods.rtl.util.xml.XMLUtil:	Method 'protected org.w3c.dom.Document _loadDocumentUncaught(org.xml.sax.InputSource)' has been added
com.webmethods.rtl.util.xml.XMLUtil:	Method 'public org.w3c.dom.Document loadDocumentFromInputStreamUncaught(java.io.InputStream)' has been added
com.webmethods.rtl.util.xml.XMLUtil:	Method 'public org.w3c.dom.Document loadDocumentFromReaderUncaught(java.io.Reader)' has been added
com.webmethods.rtl.util.xml.XMLUtil:	Method 'public org.w3c.dom.Document loadDocumentFromXMLUncaught(java.lang.String)' has been added
com.webmethods.rtl.util.xml.XMLUtil:	Method 'public org.w3c.dom.Document loadDocumentUncaught(java.lang.String)' has been added

Removed API	Replacement, if any
com.webmethods.caf.jcr.rmi.IRMITunnelHttpPortAware:	Class com.webmethods.caf.jcr.rmi.IRMITunnelHttpPortAware removed
com.webmethods.caf.jcr.rmi.JcrRMIHttpToCGISocketFactory:	Class com.webmethods.caf.jcr.rmi.JcrRMIHttpToCGISocketFactory removed
com.webmethods.caf.jcr.rmi.JcrRMIMasterSocketFactory:	Class com.webmethods.caf.jcr.rmi.JcrRMIMasterSocketFactory removed
com.webmethods.jackrabbit.server.io.DefaultHandler:	Class com.webmethods.jackrabbit.server.io.DefaultHandler removed

**Removed API****Replacement, if any**

com.webmethods.jackrabbit.servlet.JCRWebdavServerServlet: Class  
com.webmethods.jackrabbit.servlet.JCRWebdavServerServlet removed

com.webmethods.jackrabbit.servlet.SimpleWebdavServlet: Class  
com.webmethods.jackrabbit.servlet.SimpleWebdavServlet removed

com.webmethods.portal.jms.um.UmJMSClient: Field DEFAULT\_UM\_REALM has been removed, but it was previously a constant

com.webmethods.portal.jms.um.UmJMSClient: Method 'public void init()' has been removed

com.webmethods.portal.schema.bcgadget.GadgetDefinition: Removed field gadgetExternalScripts

com.webmethods.portal.schema.bcgadget.GadgetDefinition: Method 'public  
com.webmethods.portal.schema.bcgadget.GadgetDefinition\$GadgetExternalScripts  
getGadgetExternalScripts()' has been removed

com.webmethods.portal.schema.bcgadget.GadgetDefinition: Method 'public void  
setGadgetExternalScripts(com.webmethods.portal.schema.bcgadget.GadgetDefinition\$GadgetExternal  
Scripts)' has been removed

com.webmethods.portal.schema.bcgadget.GadgetDefinition\$GadgetExternalScripts: Class  
com.webmethods.portal.schema.bcgadget.GadgetDefinition\$GadgetExternalScripts removed

com.webmethods.portal.schema.bcgadget.ObjectFactory: Method 'public  
com.webmethods.portal.schema.bcgadget.GadgetDefinition\$GadgetExternalScripts  
createGadgetDefinitionGadgetExternalScripts()' has been removed

com.webmethods.portal.service.access.impl.GadgetsAclManager: Method 'protected java.lang.String  
buildXPathQuery(java.util.Map)' has been removed, but an inherited definition exists.

com.webmethods.portal.service.access.impl.GadgetsAclManager\$GadgetAclResource: Method 'public  
GadgetsAclManager\$GadgetAclResource(javax.jcr.Node, java.lang.String)' has been removed

com.webmethods.rtl.msg.jms.JMSProvider: Method 'public void enableMessageDelivery()' has been removed

com.webmethods.rtl.msg.jms.JMSProvider: Method 'public boolean hasInitialized()' has been removed

com.webmethods.rtl.msg.jms.JMSProvider: Method 'protected void  
setInstance(com.webmethods.rtl.msg.jms.JMSProvider)' has been removed

com.webmethods.rtl.msg.jms.JMSProvider: Method 'protected void startConnections()' has been removed

com.webmethods.rtl.msg.jms.JMSStdConnProvider: Method 'protected void startConnections()' has been removed

**Changed API****Description**

com.webmethods.caf.common.bnd.PortletXmlAnalyzer: Parameter 1 of 'public boolean analyzeJar(aQute.lib.osgi.Analyzer)' has changed its type to aQute.bnd.osgi.Analyzer

com.webmethods.caf.common.bnd.WebXmlAnalyzer: Parameter 1 of 'public boolean analyzeJar(aQute.lib.osgi.Analyzer)' has changed its type to aQute.bnd.osgi.Analyzer

com.webmethods.caf.wssserver.auth.saml.SamlUtils: Parameter 2 of 'public void displayAssertion(java.io.PrintWriter, org.opensaml.SAMLAssertion)' has changed its type to org.opensaml.saml1.core.Assertion

com.webmethods.caf.wssserver.auth.saml.SamlUtils: Parameter 1 of 'public java.lang.String getLoginName(org.opensaml.SAMLAssertion)' has changed its type to org.opensaml.saml1.core.Assertion

com.webmethods.caf.wssserver.auth.saml.SamlUtils: Return type of method 'public org.opensaml.SAMLAssertion getSamlAssertion(java.lang.String, java.lang.String)' has been changed to org.opensaml.saml1.core.Assertion

com.webmethods.caf.wssserver.auth.saml.SamlUtils: Parameter 1 of 'public org.opensaml.SAMLAssertion getSamlAssertion(org.opensaml.SAMLResponse)' has changed its type to org.opensaml.saml1.core.Response

com.webmethods.caf.wssserver.auth.saml.SamlUtils: Return type of method 'public org.opensaml.SAMLAssertion getSamlAssertion(org.opensaml.SAMLResponse)' has been changed to org.opensaml.saml1.core.Assertion

com.webmethods.caf.wssserver.auth.saml.SamlUtils: Return type of method 'public org.opensaml.SAMLResponse getSamlResponse(java.lang.String, java.lang.String)' has been changed to org.opensaml.saml1.core.Response

com.webmethods.caf.wssserver.auth.saml.SamlUtils: Parameter 1 of 'public java.lang.String verifyAssertion(org.opensaml.SAMLAssertion)' has changed its type to org.opensaml.saml1.core.Assertion

com.webmethods.portal.jms.um.UmJMSClient: Accessibility of method 'public UmJMSClient()' has been decreased from public to protected

com.webmethods.portal.jms.um.UmJMSClient: Accessibility of method 'public void closeUMSession(com.pcbSYS.nirvana.client.nSession)' has been decreased from public to private

com.webmethods.portal.jms.um.UmJMSClient: Accessibility of method 'public void createConnectionFactory(java.lang.String)' has been decreased from public to protected

com.webmethods.portal.jms.um.UmJMSClient: Return type of method 'public javax.naming.Context createJNDIContext()' has been changed to void

com.webmethods.portal.jms.um.UmJMSClient: Accessibility of method 'public javax.naming.Context createJNDIContext()' has been decreased from public to private

com.webmethods.portal.jms.um.UmJMSClient: Accessibility of method 'public void

**Changed API****Description**

`createQueue(java.lang.String, boolean, int)` has been decreased from public to protected

`com.webmethods.portal.jms.um.UmJMSClient`: Accessibility of method `'public void createQueueConnectionFactory(java.lang.String)'` has been decreased from public to protected

`com.webmethods.portal.jms.um.UmJMSClient`: Accessibility of method `'public void createStringVal(java.lang.String, java.lang.String)'` has been decreased from public to package

`com.webmethods.portal.jms.um.UmJMSClient`: Accessibility of method `'public void createTopic(java.lang.String, boolean, int)'` has been decreased from public to protected

`com.webmethods.portal.jms.um.UmJMSClient`: Accessibility of method `'public void createTopicConnectionFactory(java.lang.String)'` has been decreased from public to protected

`com.webmethods.portal.jms.um.UmJMSClient`: Accessibility of method `'public void createXAConnectionFactory(java.lang.String)'` has been decreased from public to protected

`com.webmethods.portal.jms.um.UmJMSClient`: Accessibility of method `'public void deleteConnectionFactory(java.lang.String)'` has been decreased from public to protected

`com.webmethods.portal.jms.um.UmJMSClient`: Accessibility of method `'public void deleteQueue(java.lang.String)'` has been decreased from public to protected

`com.webmethods.portal.jms.um.UmJMSClient`: Accessibility of method `'public void deleteQueueConnectionFactory(java.lang.String)'` has been decreased from public to protected

`com.webmethods.portal.jms.um.UmJMSClient`: Accessibility of method `'public void deleteTopic(java.lang.String)'` has been decreased from public to protected

`com.webmethods.portal.jms.um.UmJMSClient`: Accessibility of method `'public void deleteTopicConnectionFactory(java.lang.String)'` has been decreased from public to protected

`com.webmethods.portal.jms.um.UmJMSClient`: Accessibility of method `'public javax.naming.Context getJNDIContext()'` has been decreased from public to protected

`com.webmethods.portal.jms.um.UmJMSClient`: Accessibility of method `'public com.pcbsys.nirvana.client.nSession getSession()'` has been decreased from public to private

`com.webmethods.portal.service.bcgadget.IBCGadgetProvider`: Return type of method `'public java.util.List getAccessibleGadgets(com.webmethods.portal.service.meta2.thing.IThingID)'` has been changed to `java.util.Map`

`com.webmethods.portal.service.bcgadget.impl.BCGadgetProvider`: Return type of method `'public java.util.List getAccessibleGadgets(com.webmethods.portal.service.meta2.thing.IThingID)'` has been changed to `java.util.Map`

`com.webmethods.portal.service.task.impl.TaskLockingService`: Accessibility of field `TASK_LOCK_MAX_TIME` has been increased from private to public

`com.webmethods.portal.service.task.impl.TaskLockingService`: Accessibility of field `TASK_LOCK_MAX_WAIT_TIME` has been increased from private to public

**Changed API****Description**

com.webmethods.portal.service.task.impl.TaskLockingService: In method 'protected

com.webmethods.portal.service.task.ITaskLock

createDbLock(com.webmethods.portal.service.sql.ISqlWorker,

com.webmethods.portal.service.meta2.thing.IThingID, java.util.Date, java.util.Date)' the number of arguments has changed

com.webmethods.portal.system.PortalSystem: Accessibility of method 'private void initGuestUser()' has been increased from private to public

com.webmethods.rtl.msg.jms.JMSProvider: Accessibility of method 'public void onShutdown()' has been decreased from public to protected

com.webmethods.rtl.msg.jms.JMSProvider: Accessibility of method 'private void setMaintenanceMode(boolean)' has been increased from private to protected

com.webmethods.rtl.msg.jms.JMSStdConnProvider: Accessibility of method 'public JMSStdConnProvider()' has been decreased from public to protected

com.webmethods.portal.service.version.impl.dcv.DCVersionService: Value of compile-time constant VERSION\_SERVICES\_ROOT has been changed

## Release 9.10

### Added API/ Description

com.webmethods.portal.bizPolicy.biz.access.IAccessPolicy: Method 'public

com.webmethods.portal.service.view.IListView

listSecurityRealmObjects(com.webmethods.portal.bizPolicy.IContext,

com.webmethods.portal.service.meta2.thing.IThingID)' has been added to an interface

com.webmethods.portal.mech.subscription.ISubscribableMechanics: Method 'public void

checkViewSubscription(com.webmethods.portal.system.IURI,

com.webmethods.portal.service.meta2.thing.IThingID, java.util.Map,

com.webmethods.portal.service.meta2.thing.IThingID)' has been added to an interface

com.webmethods.portal.bizPolicy.biz.IBizPolicyResolver: Method 'public

com.webmethods.portal.bizPolicy.biz.IBizPolicy getBizPolicyByType(java.lang.String, java.util.Map)'

has been added to an interface

com.webmethods.caf.wsclient.saml.IArtifactFactory: Method 'public java.lang.String

getAssertion(java.lang.String, java.lang.String[], java.util.Map)' has been added to an interface

com.webmethods.caf.wsclient.saml.IArtifactFactory: Method 'public java.lang.String

getAssertion(java.lang.String, java.lang.String[], java.util.Map, java.util.Map)' has been added to an

interface

com.webmethods.caf.wsclient.session.IWSClientSession: Method 'public java.util.Map

getSessionCookieMap()' has been added to an interface

com.webmethods.caf.wsclient.session.IWSClientSession: Method 'public void

setSessionCookieMap(java.util.Map)' has been added to an interface

com.webmethods.caf.wsclient.session.IWSClientSessionManager: Method 'public

com.webmethods.caf.wsclient.session.IWSClientSessionPool

getSessionPool(com.webmethods.caf.wsclient.proxy.IWSClientProxy, java.lang.String)' has been added

to an interface

com.webmethods.caf.faces.data.task.ITaskInfo: Method 'public java.util.Date getTaskScheduleDate()'

has been added to an interface

com.webmethods.caf.faces.data.task.ITaskInfo: Method 'public void setCreatedDate(java.util.Date)' has

been added to an interface

com.webmethods.caf.faces.data.task.ITaskInfo: Method 'public void

setTaskScheduleDate(java.util.Date)' has been added to an interface

com.webmethods.portal.service.task.ITask: Method 'public java.util.Date getTaskScheduleDate()' has

been added to an interface

### Changed API/ Description



com.webmethods.portal.event.system.ICriterionEvent\$IListener: Parameter 1 of 'public void onEvent(com.webmethods.portal.event.system.ISubscriptionEvent)' has changed its type to com.webmethods.portal.event.system.ICriterionEvent

com.webmethods.portal.event.system.ICriterionEvent\$ISynchronousListener: Parameter 1 of 'public void onSynchronousEvent(com.webmethods.portal.event.system.ISubscriptionEvent)' has changed its type to com.webmethods.portal.event.system.ICriterionEvent

com.webmethods.portal.service.access.impl.MwsObjectAclManager: In method 'protected int countAceProperties(java.util.List)' the number of arguments has changed

com.webmethods.caf.wsclient.session.impl.WSClientSessionManager: Parameter 2 of 'protected java.lang.String getSessionPoolID(com.webmethods.caf.wsclient.proxy.IWSClientProxy, com.webmethods.caf.wsclient.AuthCredentials)' has changed its type to java.lang.String

### Removed API/ Description

com.webmethods.portal.mech.system.ISystemMechanics: Removed

com.webmethods.portal.mech.access.IAccessMechanics from the set of implemented interfaces

com.webmethods.portal.mech.system.ISystemMechanics: Removed

com.webmethods.portal.mech.clipboard.IClipboardMechanics from the set of implemented interfaces

com.webmethods.portal.mech.system.ISystemMechanics: Removed

com.webmethods.portal.mech.storage.IBasicMechanics from the set of implemented interfaces

com.webmethods.portal.mech.system.ISystemMechanics: Removed

com.webmethods.portal.mech.subscription.ISubscribableMechanics from the set of implemented interfaces

com.webmethods.portal.mech.system.ISystemMechanics: Removed

com.webmethods.portal.mech.view.IViewableMechanics from the set of implemented interfaces

com.webmethods.portal.mech.system.impl.SystemMechanics: Removed

com.webmethods.portal.mech.access.IAccessMechanics from the set of implemented interfaces

com.webmethods.portal.mech.system.impl.SystemMechanics: Removed

com.webmethods.portal.mech.clipboard.IClipboardMechanics from the set of implemented interfaces

com.webmethods.portal.mech.system.impl.SystemMechanics: Removed

com.webmethods.portal.mech.storage.IBasicMechanics from the set of implemented interfaces

com.webmethods.portal.mech.system.impl.SystemMechanics: Removed

com.webmethods.portal.mech.subscription.ISubscribableMechanics from the set of implemented interfaces

com.webmethods.portal.mech.system.impl.SystemMechanics: Removed

com.webmethods.portal.mech.view.IViewableMechanics from the set of implemented interfaces

com.webmethods.portal.mech.system.impl.SystemMechanics: Removed

com.webmethods.portal.mech.clipboard.impl.ClipboardMechanics from the list of superclasses

com.webmethods.portal.mech.system.impl.SystemMechanics: Removed  
com.webmethods.portal.mech.storage.impl.BasicMechanics from the list of superclasses

com.webmethods.portal.mech.system.impl.SystemMechanics: Removed  
com.webmethods.portal.mech.subscription.impl.SubscribableMechanics from the list of superclasses

com.webmethods.portal.mech.system.impl.SystemMechanics: Removed  
com.webmethods.portal.mech.view.impl.ViewableMechanics from the list of superclasses

com.webmethods.portal.webapp.jetty7.WebApplicationInstallService: Removed field  
COMPONENT\_DELETE\_RETRIES

com.webmethods.portal.service.global.impl.LanguagePackManager: Field QUERY\_STRING has been  
removed, but it was previously a constant

com.webmethods.caf.faces.convert.FormattedDateTimeConverter: Method 'protected  
java.text.DateFormat setupGMTDateTimeFormatter(javax.faces.context.FacesContext)' has been  
removed

com.webmethods.portal.mech.socialbpm.comments.ICommentsMechanics: Method 'public  
java.util.List getTaskCommentsByProcessModelId(java.lang.String, int, int, int)' has been added to an  
interface

com.webmethods.portal.service.socialbpm.comments.ICommentsService: Method 'public java.util.List  
getPaginatedTaskCommentsByProcessModelId(java.lang.String, int, int, int)' has been added to an  
interface

com.webmethods.portal.service.dir.IRoleSystem: Method 'public void  
clearCache(com.webmethods.portal.service.dir.IDirPrincipal)' has been added to an interface

com.webmethods.portal.mech.dir.IPrincipalMechanics: Method 'public void  
fireRoleMembershipEvent(com.webmethods.portal.service.meta2.thing.IThingID,  
com.webmethods.portal.system.IURI, com.webmethods.portal.service.dir.IDirPrincipalList,  
com.webmethods.portal.service.dir.IDirPrincipalList, int)' has been added to an interface

move the com.webmethods.jms.\*\* packages from caf-server bundle to a unique package name

com.webmethods.jms.JMSPhaseProvider: Class com.webmethods.jms.JMSPhaseProvider removed

com.webmethods.jms.db.DbJMSClient: Class com.webmethods.jms.db.DbJMSClient removed

com.webmethods.jms.db.DbJMSConnProvider: Class com.webmethods.jms.db.DbJMSConnProvider  
removed

com.webmethods.jms.db.impl.JMSConnection: Class com.webmethods.jms.db.impl.JMSConnection  
removed

com.webmethods.jms.db.impl.JMSConnection\$CompressedObject: Class  
com.webmethods.jms.db.impl.JMSConnection\$CompressedObject removed

com.webmethods.jms.db.impl.JMSDestination: Class com.webmethods.jms.db.impl.JMSDestination  
removed

com.webmethods.jms.db.impl.JMSDispatcherThread: Class  
com.webmethods.jms.db.impl.JMSDispatcherThread removed

com.webmethods.jms.db.impl.JMSEvent: Class com.webmethods.jms.db.impl.JMSEvent removed

com.webmethods.jms.db.impl.JMSMessage: Class com.webmethods.jms.db.impl.JMSMessage removed

com.webmethods.jms.db.impl.JMSMessageConsumer: Class  
com.webmethods.jms.db.impl.JMSMessageConsumer removed

com.webmethods.jms.db.impl.JMSMessageProducer: Class  
com.webmethods.jms.db.impl.JMSMessageProducer removed

com.webmethods.jms.db.impl.JMSObjectMessage: Class  
com.webmethods.jms.db.impl.JMSObjectMessage removed

com.webmethods.jms.db.impl.JMSPollThread: Class com.webmethods.jms.db.impl.JMSPollThread removed

com.webmethods.jms.db.impl.JMSQueue: Class com.webmethods.jms.db.impl.JMSQueue removed

com.webmethods.jms.db.impl.JMSQueuePollThread: Class  
com.webmethods.jms.db.impl.JMSQueuePollThread removed

com.webmethods.jms.db.impl.JMSQueueReceiver: Class  
com.webmethods.jms.db.impl.JMSQueueReceiver removed

com.webmethods.jms.db.impl.JMSQueueSender: Class  
com.webmethods.jms.db.impl.JMSQueueSender removed

com.webmethods.jms.db.impl.JMSQueueSession: Class  
com.webmethods.jms.db.impl.JMSQueueSession removed

com.webmethods.jms.db.impl.JMSSession: Class com.webmethods.jms.db.impl.JMSSession removed

com.webmethods.jms.db.impl.JMSTopic: Class com.webmethods.jms.db.impl.JMSTopic removed

com.webmethods.jms.db.impl.JMSTopicBatchMessage: Class  
com.webmethods.jms.db.impl.JMSTopicBatchMessage removed

com.webmethods.jms.db.impl.JMSTopicPublisher: Class  
com.webmethods.jms.db.impl.JMSTopicPublisher removed

com.webmethods.jms.db.impl.JMSTopicSession: Class com.webmethods.jms.db.impl.JMSTopicSession removed

com.webmethods.jms.db.impl.JMSTopicSubscriber: Class  
com.webmethods.jms.db.impl.JMSTopicSubscriber removed

com.webmethods.jms.db.impl.QueueFactory: Class com.webmethods.jms.db.impl.QueueFactory removed

com.webmethods.jms.db.impl.TopicFactory: Class com.webmethods.jms.db.impl.TopicFactory removed

com.webmethods.jms.db.impl.db2.EventDelivered: Class  
com.webmethods.jms.db.impl.db2.EventDelivered removed

com.webmethods.jms.db.impl.db2.EventPoll: Class com.webmethods.jms.db.impl.db2.EventPoll  
removed

com.webmethods.jms.db.impl.db2.EventSave: Class com.webmethods.jms.db.impl.db2.EventSave  
removed

com.webmethods.jms.db.impl.db2.GetSqlTime: Class com.webmethods.jms.db.impl.db2.GetSqlTime  
removed

com.webmethods.jms.db.impl.db2.PublishQueue: Class  
com.webmethods.jms.db.impl.db2.PublishQueue removed

com.webmethods.jms.db.impl.db2.PurgeEvents: Class com.webmethods.jms.db.impl.db2.PurgeEvents  
removed

com.webmethods.jms.db.impl.db2.PurgeInactiveSubscriptions: Class  
com.webmethods.jms.db.impl.db2.PurgeInactiveSubscriptions removed

com.webmethods.jms.db.impl.db2.RegisterDestination: Class  
com.webmethods.jms.db.impl.db2.RegisterDestination removed

com.webmethods.jms.db.impl.db2.RegisterSubscription: Class  
com.webmethods.jms.db.impl.db2.RegisterSubscription removed

com.webmethods.jms.db.impl.db2.UnregisterSubscription: Class  
com.webmethods.jms.db.impl.db2.UnregisterSubscription removed

com.webmethods.jms.db.impl.db2.UpdateSubscriptions: Class  
com.webmethods.jms.db.impl.db2.UpdateSubscriptions removed

com.webmethods.jms.db.impl.mssql.EventDelivered: Class  
com.webmethods.jms.db.impl.mssql.EventDelivered removed

com.webmethods.jms.db.impl.mssql.EventPoll: Class com.webmethods.jms.db.impl.mssql.EventPoll  
removed

com.webmethods.jms.db.impl.mssql.EventSave: Class com.webmethods.jms.db.impl.mssql.EventSave  
removed

com.webmethods.jms.db.impl.mssql.GetSqlTime: Class  
com.webmethods.jms.db.impl.mssql.GetSqlTime removed

com.webmethods.jms.db.impl.mssql.PublishQueue: Class  
com.webmethods.jms.db.impl.mssql.PublishQueue removed

com.webmethods.jms.db.impl.mssql.PurgeEvents: Class  
com.webmethods.jms.db.impl.mssql.PurgeEvents removed

com.webmethods.jms.db.impl.mssql.PurgeInactiveSubscriptions: Class  
com.webmethods.jms.db.impl.mssql.PurgeInactiveSubscriptions removed

com.webmethods.jms.db.impl.mssql.RegisterDestination: Class  
com.webmethods.jms.db.impl.mssql.RegisterDestination removed

com.webmethods.jms.db.impl.mssql.RegisterSubscription: Class  
com.webmethods.jms.db.impl.mssql.RegisterSubscription removed

com.webmethods.jms.db.impl.mssql.UnregisterSubscription: Class  
com.webmethods.jms.db.impl.mssql.UnregisterSubscription removed

com.webmethods.jms.db.impl.mssql.UpdateSubscriptions: Class  
com.webmethods.jms.db.impl.mssql.UpdateSubscriptions removed

com.webmethods.jms.db.impl.mysql.EventDelivered: Class  
com.webmethods.jms.db.impl.mysql.EventDelivered removed

com.webmethods.jms.db.impl.mysql.EventPoll: Class com.webmethods.jms.db.impl.mysql.EventPoll  
removed

com.webmethods.jms.db.impl.mysql.EventSave: Class com.webmethods.jms.db.impl.mysql.EventSave  
removed

com.webmethods.jms.db.impl.mysql.GetSqlTime: Class  
com.webmethods.jms.db.impl.mysql.GetSqlTime removed

com.webmethods.jms.db.impl.mysql.PublishQueue: Class  
com.webmethods.jms.db.impl.mysql.PublishQueue removed

com.webmethods.jms.db.impl.mysql.PurgeEvents: Class  
com.webmethods.jms.db.impl.mysql.PurgeEvents removed

com.webmethods.jms.db.impl.mysql.PurgeInactiveSubscriptions: Class  
com.webmethods.jms.db.impl.mysql.PurgeInactiveSubscriptions removed

com.webmethods.jms.db.impl.mysql.RegisterDestination: Class  
com.webmethods.jms.db.impl.mysql.RegisterDestination removed

com.webmethods.jms.db.impl.mysql.RegisterSubscription: Class  
com.webmethods.jms.db.impl.mysql.RegisterSubscription removed

com.webmethods.jms.db.impl.mysql.UnregisterSubscription: Class  
com.webmethods.jms.db.impl.mysql.UnregisterSubscription removed

com.webmethods.jms.db.impl.mysql.UpdateSubscriptions: Class  
com.webmethods.jms.db.impl.mysql.UpdateSubscriptions removed

com.webmethods.jms.db.impl.oracle.EventDelivered: Class  
com.webmethods.jms.db.impl.oracle.EventDelivered removed

com.webmethods.jms.db.impl.oracle.EventPoll: Class com.webmethods.jms.db.impl.oracle.EventPoll  
removed

com.webmethods.jms.db.impl.oracle.EventSave: Class com.webmethods.jms.db.impl.oracle.EventSave  
removed

com.webmethods.jms.db.impl.oracle.GetSqlTime: Class  
com.webmethods.jms.db.impl.oracle.GetSqlTime removed

com.webmethods.jms.db.impl.oracle.PublishQueue: Class  
com.webmethods.jms.db.impl.oracle.PublishQueue removed

com.webmethods.jms.db.impl.oracle.PurgeEvents: Class  
com.webmethods.jms.db.impl.oracle.PurgeEvents removed

com.webmethods.jms.db.impl.oracle.PurgeInactiveSubscriptions: Class  
com.webmethods.jms.db.impl.oracle.PurgeInactiveSubscriptions removed

com.webmethods.jms.db.impl.oracle.RegisterDestination: Class  
com.webmethods.jms.db.impl.oracle.RegisterDestination removed

com.webmethods.jms.db.impl.oracle.RegisterSubscription: Class  
com.webmethods.jms.db.impl.oracle.RegisterSubscription removed

com.webmethods.jms.db.impl.oracle.UnregisterSubscription: Class  
com.webmethods.jms.db.impl.oracle.UnregisterSubscription removed

com.webmethods.jms.db.impl.oracle.UpdateSubscriptions: Class  
com.webmethods.jms.db.impl.oracle.UpdateSubscriptions removed

com.webmethods.jms.db.impl.sybase.EventPoll: Class com.webmethods.jms.db.impl.sybase.EventPoll removed

com.webmethods.jms.db.impl.sybase.PublishQueue: Class  
com.webmethods.jms.db.impl.sybase.PublishQueue removed

com.webmethods.jms.db.impl.sybase.PurgeEvents: Class  
com.webmethods.jms.db.impl.sybase.PurgeEvents removed

com.webmethods.jms.um.UmJMSClient: Class com.webmethods.jms.um.UmJMSClient removed

com.webmethods.jms.um.UmJMSConnProvider: Class  
com.webmethods.jms.um.UmJMSConnProvider removed

electric.util.holder.ArrayOfbyteInOut: Class electric.util.holder.ArrayOfbyteInOut removed

electric.util.holder.ArrayOfbyteOut: Class electric.util.holder.ArrayOfbyteOut removed

com.webmethods.portal.bizPolicy.command.system.xml.XMLImport: Field  
OVERWRITE\_PERMISSIONS\_KEY has been removed, but it was previously a constant

com.webmethods.portal.service.dir.IDirService: Method 'public boolean supportsNestedGroups()' has been added to an interface

com.webmethods.caf.faces.application.CAFStateManager: Class  
com.webmethods.caf.faces.application.CAFStateManager removed

com.webmethods.caf.faces.application.CAFStateManager\$TreeStructure: Class  
com.webmethods.caf.faces.application.CAFStateManager\$TreeStructure removed

com.webmethods.caf.faces.portlet.PortletViewFragmentPhaseListener: Class  
com.webmethods.caf.faces.portlet.PortletViewFragmentPhaseListener removed

com.webmethods.caf.faces.portlet.PortletViewFragmentPhaseListenerWrapper: Class  
com.webmethods.caf.faces.portlet.PortletViewFragmentPhaseListenerWrapper removed

com.webmethods.caf.faces.portlet.PortletViewHandler: Method 'protected void  
initResponse(javax.faces.context.FacesContext, javax.faces.component.UIViewRoot)' has been removed

com.webmethods.caf.faces.portlet.PortletViewHandler: Method 'protected void  
renderResponse(javax.faces.context.FacesContext, javax.faces.component.UIViewRoot)' has been  
removed

com.webmethods.caf.faces.render.html.command.CommandFormRenderer: In method 'protected  
java.lang.String getTagName()' the number of arguments has changed

com.webmethods.caf.faces.render.html.command.DisjointFormRenderer: In method 'protected  
java.lang.String getTagName()' the number of arguments has changed

com.webmethods.caf.faces.view.BaseViewHandler: Field STATE\_KEY has been removed, but it was  
previously a constant

com.webmethods.caf.faces.view.BaseViewHandler: Method 'protected void  
initResponse(javax.faces.context.FacesContext, javax.faces.component.UIViewRoot)' has been removed

com.webmethods.caf.faces.view.BaseViewHandler: Method 'protected void  
renderResponse(javax.faces.context.FacesContext, javax.faces.component.UIViewRoot)' has been  
removed

com.webmethods.caf.faces.view.CafViewDeclarationLanguage: Field INJECT\_STATE has been  
removed, but it was previously a constant

com.webmethods.caf.faces.view.CafViewDeclarationLanguage: Field NO\_RENDER has been removed,  
but it was previously a constant

com.webmethods.caf.faces.view.CafViewDeclarationLanguage: Field STATE\_KEY has been removed,  
but it was previously a constant

com.webmethods.caf.faces.view.CafViewDeclarationLanguage: Field VIEW\_FRAGMENT has been  
removed, but it was previously a constant

com.webmethods.caf.faces.view.CafViewDeclarationLanguage: Field VIEW\_FRAGMENT\_CLIENT\_ID  
has been removed, but it was previously a constant

com.webmethods.caf.faces.view.CafViewDeclarationLanguage: Return type of method 'protected void  
initResponse(javax.faces.context.FacesContext, javax.faces.component.UIViewRoot)' has been changed  
to javax.faces.context.ResponseWriter

com.webmethods.caf.faces.view.CafViewDeclarationLanguage: Method 'protected void  
renderResponse(javax.faces.context.FacesContext, javax.faces.component.UIViewRoot)' has been  
removed

com.webmethods.caf.faces.view.ViewFragmentPhaseListener: Class  
com.webmethods.caf.faces.view.ViewFragmentPhaseListener removed

## **Release 9.9**

### **Added API/ Description**

com.webmethods.caf.faces.data.task.ITaskInfo: Method 'public java.lang.Integer getIsMandatory()' has been added to an interface

com.webmethods.caf.faces.data.task.ITaskInfo: Method 'public void setIsMandatory(java.lang.Integer)' has been added to an interface

com.webmethods.caf.wsclient.saml.IArtifactFactory: Method 'public java.lang.String validateSAMLResponse(javax.servlet.http.HttpServletRequest, java.lang.String)' has been added to an interface

com.webmethods.portal.bizPolicy.biz.access.IAccessPolicy: Method 'public  
com.webmethods.portal.service.view.IListView  
listSecurityRealmObjects(com.webmethods.portal.bizPolicy.IContext,  
com.webmethods.portal.service.meta2.thing.IThingID)' has been added to an interface

com.webmethods.portal.mech.socialbpm.comments.ICommentsMechanics: Method 'public  
java.util.List getAllTaskAttachments(java.lang.String, int, int)' has been added to an interface

com.webmethods.portal.mech.socialbpm.comments.ICommentsMechanics: Method 'public  
java.lang.Integer getAllTaskAttachmentsCount(java.lang.String)' has been added to an interface

com.webmethods.portal.mech.socialbpm.comments.ICommentsMechanics: Method 'public  
java.util.List getTaskComments(java.lang.String, int, int)' has been added to an interface

com.webmethods.portal.mech.socialbpm.comments.ICommentsMechanics: Method 'public  
java.lang.Integer getTaskCommentsCount(int)' has been added to an interface

com.webmethods.portal.mech.socialbpm.comments.ICommentsMechanics: Method 'public  
java.lang.Integer getTaskCommentsCount(java.lang.String)' has been added to an interface

com.webmethods.portal.mech.subscription.ISubscribableMechanics: Method 'public void  
checkViewSubscription(com.webmethods.portal.system.IURI,  
com.webmethods.portal.service.meta2.thing.IThingID, java.util.Map,  
com.webmethods.portal.service.meta2.thing.IThingID)' has been added to an interface

com.webmethods.portal.service.socialbpm.comments.ICommentsService: Method 'public java.util.List  
getAllTaskAttachments(java.lang.String, int, int)' has been added to an interface

com.webmethods.portal.service.socialbpm.comments.ICommentsService: Method 'public  
java.lang.Integer getAllTaskAttachmentsCount(java.lang.String)' has been added to an interface

com.webmethods.portal.service.socialbpm.comments.ICommentsService: Method 'public java.util.List  
getTaskComments(java.lang.String, int, int)' has been added to an interface

com.webmethods.portal.service.socialbpm.comments.ICommentsService: Method 'public



### Added API/ Description

java.lang.Integer getTaskCommentsCount(int)' has been added to an interface

com.webmethods.portal.service.socialbpm.comments.ICommentsService: Method 'public java.lang.Integer getTaskCommentsCount(java.lang.String)' has been added to an interface

com.webmethods.portal.service.task.ITask: Method 'public java.lang.Integer getIsMandatory()' has been added to an interface

com.webmethods.portal.service.task.ITaskDefinition: Method 'public java.lang.String getTaskDescription()' has been added to an interface

### Removed API/ Description

com.webmethods.caf.faces.component.gmap.GMarkerGroup: Removed javax.faces.event.SystemEventListener from the set of implemented interfaces

com.webmethods.caf.faces.component.gmap.GMarkerList: Removed javax.faces.event.SystemEventListener from the set of implemented interfaces

com.webmethods.caf.faces.component.logic.AsyncIterator: Removed javax.faces.event.SystemEventListener from the set of implemented interfaces

com.webmethods.caf.faces.component.logic.Import: Removed javax.faces.event.SystemEventListener from the set of implemented interfaces

com.webmethods.caf.faces.component.logic.ImportTemplate: Removed javax.faces.event.SystemEventListener from the set of implemented interfaces

com.webmethods.caf.faces.component.logic.Iterator: Removed javax.faces.event.SystemEventListener from the set of implemented interfaces

com.webmethods.caf.faces.component.nav.Breadcrumbs: Removed javax.faces.event.SystemEventListener from the set of implemented interfaces

com.webmethods.caf.faces.component.nav.FirstLevelList: Removed javax.faces.event.SystemEventListener from the set of implemented interfaces

com.webmethods.caf.faces.component.nav.NavList: Removed javax.faces.event.SystemEventListener from the set of implemented interfaces

com.webmethods.caf.faces.component.nav.PopupMenus: Removed javax.faces.event.SystemEventListener from the set of implemented interfaces

com.webmethods.caf.faces.component.nav.SecondLevelList: Removed javax.faces.event.SystemEventListener from the set of implemented interfaces

com.webmethods.caf.faces.component.nav.StaticMenus\$SubList: Removed javax.faces.event.SystemEventListener from the set of implemented interfaces

com.webmethods.caf.faces.component.nav.StaticMenus\$SubSubList: Removed javax.faces.event.SystemEventListener from the set of implemented interfaces

## Removed API/ Description

com.webmethods.caf.faces.component.nav.ThirdLevelList: Removed  
javax.faces.event.SystemEventListener from the set of implemented interfaces

com.webmethods.caf.faces.component.table.html.AsyncList: Removed  
javax.faces.event.SystemEventListener from the set of implemented interfaces

com.webmethods.caf.faces.component.table.html.AsyncListbox: Removed  
javax.faces.event.SystemEventListener from the set of implemented interfaces

com.webmethods.caf.faces.component.table.html.AsyncTabsList: Removed  
javax.faces.event.SystemEventListener from the set of implemented interfaces

com.webmethods.caf.faces.component.table.html.DataList: Removed  
javax.faces.event.SystemEventListener from the set of implemented interfaces

com.webmethods.caf.faces.component.table.html.ListBox: Removed  
javax.faces.event.SystemEventListener from the set of implemented interfaces

com.webmethods.caf.faces.component.table.html.TabsList: Removed  
javax.faces.event.SystemEventListener from the set of implemented interfaces

com.webmethods.portal.mech.system.ISystemMechanics: Removed  
com.webmethods.portal.mech.access.IAccessMechanics from the set of implemented interfaces

com.webmethods.portal.mech.system.ISystemMechanics: Removed  
com.webmethods.portal.mech.clipboard.IClipboardMechanics from the set of implemented interfaces

com.webmethods.portal.mech.system.ISystemMechanics: Removed  
com.webmethods.portal.mech.storage.IBasicMechanics from the set of implemented interfaces

com.webmethods.portal.mech.system.ISystemMechanics: Removed  
com.webmethods.portal.mech.subscription.ISubscribableMechanics from the set of implemented interfaces

com.webmethods.portal.mech.system.ISystemMechanics: Removed  
com.webmethods.portal.mech.view.IViewableMechanics from the set of implemented interfaces

com.webmethods.portal.mech.system.impl.SystemMechanics: Removed  
com.webmethods.portal.mech.access.IAccessMechanics from the set of implemented interfaces

com.webmethods.portal.mech.system.impl.SystemMechanics: Removed  
com.webmethods.portal.mech.clipboard.IClipboardMechanics from the set of implemented interfaces

com.webmethods.portal.mech.system.impl.SystemMechanics: Removed  
com.webmethods.portal.mech.storage.IBasicMechanics from the set of implemented interfaces

com.webmethods.portal.mech.system.impl.SystemMechanics: Removed  
com.webmethods.portal.mech.subscription.ISubscribableMechanics from the set of implemented interfaces

com.webmethods.portal.mech.system.impl.SystemMechanics: Removed

## Removed API/ Description

com.webmethods.portal.mech.view.IViewableMechanics from the set of implemented interfaces

com.webmethods.rtl.script.JspC: Removed java.lang.Cloneable from the set of implemented interfaces

com.webmethods.portal.mech.system.impl.SystemMechanics: Removed

com.webmethods.portal.mech.clipboard.impl.ClipboardMechanics from the list of superclasses

com.webmethods.portal.mech.system.impl.SystemMechanics: Removed

com.webmethods.portal.mech.storage.impl.BasicMechanics from the list of superclasses

com.webmethods.portal.mech.system.impl.SystemMechanics: Removed

com.webmethods.portal.mech.subscription.impl.SubscribableMechanics from the list of superclasses

com.webmethods.portal.mech.system.impl.SystemMechanics: Removed

com.webmethods.portal.mech.view.impl.ViewableMechanics from the list of superclasses

com.webmethods.rtl.script.JspC: Removed org.apache.tools.ant.ProjectComponent from the list of superclasses

com.webmethods.rtl.script.JspC: Removed org.apache.tools.ant.Task from the list of superclasses

com.webmethods.portal.mech.system.impl.SystemMechanics: Removed

com.webmethods.portal.mech.clipboard.impl.ClipboardMechanics from the list of superclasses

com.webmethods.portal.mech.system.impl.SystemMechanics: Removed

com.webmethods.portal.mech.storage.impl.BasicMechanics from the list of superclasses

com.webmethods.portal.mech.system.impl.SystemMechanics: Removed

com.webmethods.portal.mech.subscription.impl.SubscribableMechanics from the list of superclasses

com.webmethods.portal.mech.system.impl.SystemMechanics: Removed

com.webmethods.portal.mech.view.impl.ViewableMechanics from the list of superclasses

com.webmethods.rtl.script.JspC: Removed org.apache.tools.ant.ProjectComponent from the list of superclasses

com.webmethods.rtl.script.JspC: Removed org.apache.tools.ant.Task from the list of superclasses

com.webmethods.caf.faces.component.logic.Import: Method 'public boolean isListenerForSource(java.lang.Object)' has been removed

com.webmethods.caf.faces.component.logic.Import: Method 'public void processEvent(javax.faces.event.SystemEvent)' has been removed

com.webmethods.caf.faces.component.logic.ImportTemplate: Method 'public boolean isListenerForSource(java.lang.Object)' has been removed

com.webmethods.caf.faces.component.logic.ImportTemplate: Method 'public void processEvent(javax.faces.event.SystemEvent)' has been removed

com.webmethods.caf.faces.component.nav.PopupMenus: Method 'protected javax.faces.component.UIColumn getColumn()' has been removed

com.webmethods.caf.faces.component.table.html.DataList: Method 'public boolean

## Removed API/ Description

`isListenerForSource(java.lang.Object)` has been removed

`com.webmethods.caf.faces.component.table.html.DataList`: Method `'public void processEvent(javax.faces.event.SystemEvent)'` has been removed

`com.webmethods.caf.faces.component.tree.DataTree`: Method `'protected void autogenerate()'` has been removed

`com.webmethods.portal.service.install.impl.BaseInstallService`: Method `'protected com.webmethods.portal.service.install.IInstallServiceConfig getConfig()'` has been removed

`com.webmethods.portal.service.sql.runtime.base.TaskSearchAll`: Method `'protected void parseSearchQuery(int, java.util.Map, com.webmethods.caf.faces.data.task.impl.TaskSearchQuery, com.webmethods.portal.service.sql.runtime.base.TaskSearchAll$QueryInfo)'` has been removed

`com.webmethods.portal.service.sql.runtime.base.TaskSearchAll`: Method `'protected void parseSearchQueryTerm(int, java.util.Map, com.webmethods.caf.faces.data.task.impl.TaskSearchQueryTerm, com.webmethods.portal.service.sql.runtime.base.TaskSearchAll$QueryInfo)'` has been removed

`com.webmethods.portal.service.sql.runtime.base.TaskSearchFromInboxesPaged`: Method `'protected void parseSearchQueryTerm(int, java.util.Map, com.webmethods.caf.faces.data.task.impl.TaskSearchQueryTerm, com.webmethods.portal.service.sql.runtime.base.TaskSearchAll$QueryInfo)'` has been removed

`com.webmethods.rtl.script.JspC`: Method `'public void init()'` has been removed

`com.softwareag.caf.controls.mwsx.PeoplePickerDialog$FacetsMap`: Class  
`com.softwareag.caf.controls.mwsx.PeoplePickerDialog$FacetsMap` removed

`com.softwareag.caf.controls.mwsx.PeopleSwapBox$FacetsMap`: Class  
`com.softwareag.caf.controls.mwsx.PeopleSwapBox$FacetsMap` removed

`com.webmethods.caf.faces.component.nav.StaticMenus$ChildrenList`: Class  
`com.webmethods.caf.faces.component.nav.StaticMenus$ChildrenList` removed

`com.webmethods.caf.faces.component.nav.StaticMenus$FacetsMap`: Class  
`com.webmethods.caf.faces.component.nav.StaticMenus$FacetsMap` removed

`com.webmethods.caf.faces.component.nav.ToggleMenus$ChildrenList`: Class  
`com.webmethods.caf.faces.component.nav.ToggleMenus$ChildrenList` removed

`com.webmethods.caf.faces.component.nav.ToggleMenus$FacetsMap`: Class  
`com.webmethods.caf.faces.component.nav.ToggleMenus$FacetsMap` removed

`com.webmethods.caf.faces.component.search.SearchBar$FacetsMap`: Class  
`com.webmethods.caf.faces.component.search.SearchBar$FacetsMap` removed

`com.webmethods.caf.faces.component.table.SelectRowCheckbox$ChildrenList`: Class  
`com.webmethods.caf.faces.component.table.SelectRowCheckbox$ChildrenList` removed

`com.webmethods.caf.faces.component.table.SelectRowCheckbox$FacetsMap`: Class

## Removed API/ Description

com.webmethods.caf.faces.component.table.SelectRowCheckbox\$FacetsMap removed

com.webmethods.caf.faces.component.table.html.HtmlTableColumn\$FacetsMap: Class  
com.webmethods.caf.faces.component.table.html.HtmlTableColumn\$FacetsMap removed

com.webmethods.caf.faces.component.table.specialized.Newsfeed\$ChildrenList: Class  
com.webmethods.caf.faces.component.table.specialized.Newsfeed\$ChildrenList removed

com.webmethods.caf.faces.component.table.specialized.Newsfeed\$FacetsMap: Class  
com.webmethods.caf.faces.component.table.specialized.Newsfeed\$FacetsMap removed

com.webmethods.caf.faces.component.util.BaseChildrenList: Class  
com.webmethods.caf.faces.component.util.BaseChildrenList removed

com.webmethods.caf.faces.component.util.BaseFacetsAndChildrenIterator: Class  
com.webmethods.caf.faces.component.util.BaseFacetsAndChildrenIterator removed

com.webmethods.caf.faces.component.util.BaseFacetsMap: Class  
com.webmethods.caf.faces.component.util.BaseFacetsMap removed

com.webmethods.caf.faces.component.util.BaseFacetsMap\$BaseCollection: Class  
com.webmethods.caf.faces.component.util.BaseFacetsMap\$BaseCollection removed

com.webmethods.caf.faces.component.util.BaseFacetsMap\$BaseCollection\$BaseIterator: Class  
com.webmethods.caf.faces.component.util.BaseFacetsMap\$BaseCollection\$BaseIterator removed

com.webmethods.caf.faces.component.util.BaseFacetsMap\$Entries: Class  
com.webmethods.caf.faces.component.util.BaseFacetsMap\$Entries removed

com.webmethods.caf.faces.component.util.BaseFacetsMap\$Entries\$EntrySetIterator: Class  
com.webmethods.caf.faces.component.util.BaseFacetsMap\$Entries\$EntrySetIterator removed

com.webmethods.caf.faces.component.util.BaseFacetsMap\$Keys: Class  
com.webmethods.caf.faces.component.util.BaseFacetsMap\$Keys removed

com.webmethods.caf.faces.component.util.BaseFacetsMap\$Keys\$KeySetIterator: Class  
com.webmethods.caf.faces.component.util.BaseFacetsMap\$Keys\$KeySetIterator removed

com.webmethods.caf.faces.component.util.BaseFacetsMap\$Values: Class  
com.webmethods.caf.faces.component.util.BaseFacetsMap\$Values removed

com.webmethods.caf.faces.component.util.BaseFacetsMap\$Values\$ValuesIterator: Class  
com.webmethods.caf.faces.component.util.BaseFacetsMap\$Values\$ValuesIterator removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.AntBaseFileListTask: Class  
com.webmethods.portal.bizPolicy.command.install.taskdefs.AntBaseFileListTask removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.AntBaseTask: Class  
com.webmethods.portal.bizPolicy.command.install.taskdefs.AntBaseTask removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.portlet.GenerateOSGiManifest: Class  
com.webmethods.portal.bizPolicy.command.install.taskdefs.portlet.GenerateOSGiManifest removed

## Removed API/ Description

com.webmethods.portal.bizPolicy.command.install.taskdefs.portlet.GetPortletInfo: Class  
com.webmethods.portal.bizPolicy.command.install.taskdefs.portlet.GetPortletInfo removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.portlet.PostRegisterPortlet: Class  
com.webmethods.portal.bizPolicy.command.install.taskdefs.portlet.PostRegisterPortlet removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.portlet.PreRegisterPortlet: Class  
com.webmethods.portal.bizPolicy.command.install.taskdefs.portlet.PreRegisterPortlet removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.portlet.PreUnregisterPortlet: Class  
com.webmethods.portal.bizPolicy.command.install.taskdefs.portlet.PreUnregisterPortlet removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.skin.CreateSkinInstance: Class  
com.webmethods.portal.bizPolicy.command.install.taskdefs.skin.CreateSkinInstance removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.skin.CreateThemeInstance: Class  
com.webmethods.portal.bizPolicy.command.install.taskdefs.skin.CreateThemeInstance removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.skin.GetSkinInfo: Class  
com.webmethods.portal.bizPolicy.command.install.taskdefs.skin.GetSkinInfo removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.skin.RemoveSkinInstance: Class  
com.webmethods.portal.bizPolicy.command.install.taskdefs.skin.RemoveSkinInstance removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.skin.RemoveThemeInstance: Class  
com.webmethods.portal.bizPolicy.command.install.taskdefs.skin.RemoveThemeInstance removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.CreateDBOTables: Class  
com.webmethods.portal.bizPolicy.command.install.taskdefs.system.CreateDBOTables removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.DropDBOTables: Class  
com.webmethods.portal.bizPolicy.command.install.taskdefs.system.DropDBOTables removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.ExecuteCommand: Class  
com.webmethods.portal.bizPolicy.command.install.taskdefs.system.ExecuteCommand removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.ExecuteTargetLoop: Class  
com.webmethods.portal.bizPolicy.command.install.taskdefs.system.ExecuteTargetLoop removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.GetComponentInfo: Class  
com.webmethods.portal.bizPolicy.command.install.taskdefs.system.GetComponentInfo removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.GetIsOSGiRuntime: Class  
com.webmethods.portal.bizPolicy.command.install.taskdefs.system.GetIsOSGiRuntime removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.GetSystemPath: Class  
com.webmethods.portal.bizPolicy.command.install.taskdefs.system.GetSystemPath removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.GetComponentInfo: Class  
com.webmethods.portal.bizPolicy.command.install.taskdefs.system.GetComponentInfo removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.GetIsOSGiRuntime: Class

## Removed API/ Description

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.GetIsOSGiRuntime removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.GetSystemPath: Class

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.GetSystemPath removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.InstallComponent: Class

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.InstallComponent removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.LoadClasses: Class

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.LoadClasses removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.LoadConfig: Class

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.LoadConfig removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.LookupComponent: Class

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.LookupComponent removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.RegisterComponent: Class

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.RegisterComponent removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.RunSQLScript: Class

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.RunSQLScript removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.UninstallComponent: Class

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.UninstallComponent removed

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.UnregisterComponent: Class

com.webmethods.portal.bizPolicy.command.install.taskdefs.system.UnregisterComponent removed

com.webmethods.portal.mech.install.impl.NativeInstallMechanics: Class

com.webmethods.portal.mech.install.impl.NativeInstallMechanics removed

com.webmethods.portal.service.install.IInstallServiceConfig: Class

com.webmethods.portal.service.install.IInstallServiceConfig removed

com.webmethods.portal.service.install.impl.InstallServiceConfig: Class

com.webmethods.portal.service.install.impl.InstallServiceConfig removed

com.webmethods.portal.service.install.impl.ant.AntInstallService: Class

com.webmethods.portal.service.install.impl.ant.AntInstallService removed

com.webmethods.portal.service.install.impl.ant.AntLogSupport: Class

com.webmethods.portal.service.install.impl.ant.AntLogSupport removed

com.webmethods.portal.service.install.impl.ant.AntRunner: Class

com.webmethods.portal.service.install.impl.ant.AntRunner removed

com.webmethods.portal.service.install.impl.ant.AntRunner\$AntPropertyHelper: Class

com.webmethods.portal.service.install.impl.ant.AntRunner\$AntPropertyHelper removed

com.webmethods.portal.service.install.impl.ant.LpInstallService: Class

com.webmethods.portal.service.install.impl.ant.LpInstallService removed

## Removed API/ Description

com.webmethods.portal.service.install.impl.ant.WarLpInstallService: Class  
com.webmethods.portal.service.install.impl.ant.WarLpInstallService removed

com.webmethods.rtl.logging.Mws13818Filter: Class com.webmethods.rtl.logging.Mws13818Filter removed

com.webmethods.rtl.util.msg.IRuntimeMessage: Class com.webmethods.rtl.util.msg.IRuntimeMessage removed

com.webmethods.rtl.util.msg.IRuntimeMessageCallback: Class  
com.webmethods.rtl.util.msg.IRuntimeMessageCallback removed

com.webmethods.rtl.util.msg.IRuntimeMessageHook: Class  
com.webmethods.rtl.util.msg.IRuntimeMessageHook removed

com.webmethods.rtl.util.msg.RuntimeMessageUtil: Class  
com.webmethods.rtl.util.msg.RuntimeMessageUtil removed

com.webmethods.rtl.util.msg.RuntimeMessageUtil\$RuntimeListeners: Class  
com.webmethods.rtl.util.msg.RuntimeMessageUtil\$RuntimeListeners removed

com.webmethods.rtl.util.msg.RuntimeMessageUtil\$RuntimeMessageListener: Class  
com.webmethods.rtl.util.msg.RuntimeMessageUtil\$RuntimeMessageListener removed

com.webmethods.rtl.util.obj.CyclicIterator: Class com.webmethods.rtl.util.obj.CyclicIterator removed

com.webmethods.rtl.util.obj.EmptyEnumeration: Class  
com.webmethods.rtl.util.obj.EmptyEnumeration removed

com.webmethods.rtl.util.obj.EmptyIterator: Class com.webmethods.rtl.util.obj.EmptyIterator removed

com.webmethods.rtl.util.obj.FileClassLoader: Class com.webmethods.rtl.util.obj.FileClassLoader removed

com.webmethods.rtl.util.obj.IntMinMaxInfo: Class com.webmethods.rtl.util.obj.IntMinMaxInfo removed

com.webmethods.rtl.util.obj.IntStringMap: Class com.webmethods.rtl.util.obj.IntStringMap removed

com.webmethods.rtl.util.obj.IteratorTools: Class com.webmethods.rtl.util.obj.IteratorTools removed

com.webmethods.rtl.util.obj.PersistentMap: Class com.webmethods.rtl.util.obj.PersistentMap removed

com.webmethods.rtl.util.obj.PropertyGroup: Class com.webmethods.rtl.util.obj.PropertyGroup removed

com.webmethods.rtl.util.obj.PropertyGroups: Class com.webmethods.rtl.util.obj.PropertyGroups removed

com.webmethods.rtl.util.obj.SortableArray: Class com.webmethods.rtl.util.obj.SortableArray removed

com.webmethods.rtl.util.thread.ReadWriteMutex: Class  
com.webmethods.rtl.util.thread.ReadWriteMutex removed



## Removed API/ Description

com.softwareag.caf.controls.mwsx.PeoplePickerDialog: Removed field m\_facets

com.softwareag.caf.controls.mwsx.PeopleSwapBox: Removed field m\_facets

com.webmethods.caf.faces.component.behavior.BaseBehavior: Removed field m\_for

com.webmethods.caf.faces.component.behavior.CustomDragBehavior: Removed field m\_allowDrag

com.webmethods.caf.faces.component.behavior.CustomDragBehavior: Removed field m\_cursor

com.webmethods.caf.faces.component.behavior.CustomDragBehavior: Removed field m\_move

com.webmethods.caf.faces.component.behavior.CustomDragBehavior: Removed field m\_propagateEvent

com.webmethods.caf.faces.component.behavior.CustomDropBehavior: Removed field m\_allowDrop

com.webmethods.caf.faces.component.behavior.CustomDropBehavior: Removed field m\_handleDrop

com.webmethods.caf.faces.component.behavior.CustomDropBehavior: Removed field m\_hoverClass

com.webmethods.caf.faces.component.behavior.CustomDropBehavior: Removed field m\_onDropSetValue

com.webmethods.caf.faces.component.behavior.DragToMoveRowsBehavior: Removed field m\_add

com.webmethods.caf.faces.component.behavior.DragToMoveRowsBehavior: Removed field m\_allowDrag

com.webmethods.caf.faces.component.behavior.DragToMoveRowsBehavior: Removed field m\_allowDrop

com.webmethods.caf.faces.component.behavior.DragToMoveRowsBehavior: Removed field m\_copy

com.webmethods.caf.faces.component.behavior.DragToMoveRowsBehavior: Removed field m\_handleDrop

com.webmethods.caf.faces.component.behavior.DragToMoveRowsBehavior: Removed field m\_hoverClass

com.webmethods.caf.faces.component.behavior.DragToMoveRowsBehavior: Removed field m\_remove

com.webmethods.caf.faces.component.behavior.DragToMoveRowsBehavior: Removed field m\_reorder

com.webmethods.caf.faces.component.behavior.DragToReorderColumnsBehavior: Removed field m\_storePreferences

com.webmethods.caf.faces.component.behavior.DragToResizeBehavior: Removed field m\_resizeBottom

com.webmethods.caf.faces.component.behavior.DragToResizeBehavior: Removed field m\_resizeLeft

com.webmethods.caf.faces.component.behavior.DragToResizeBehavior: Removed field m\_resizeRight

## Removed API/ Description

com.webmethods.caf.faces.component.behavior.DragToResizeBehavior: Removed field m\_resizeTop

com.webmethods.caf.faces.component.behavior.DragToResizeColumnsBehavior: Removed field m\_storePreferences

com.webmethods.caf.faces.component.behavior.RaiseOnChangeBehavior: Removed field m\_command

com.webmethods.caf.faces.component.behavior.SynchronizeValuesBehavior: Removed field m\_with

com.webmethods.caf.faces.component.command.html.AsyncCommandButton: Removed field m\_refresh

com.webmethods.caf.faces.component.command.html.AsyncCommandIcon: Removed field m\_refresh

com.webmethods.caf.faces.component.command.html.AsyncCommandInterval: Removed field m\_interval

com.webmethods.caf.faces.component.command.html.AsyncCommandInterval: Removed field m\_waitUntilReloaded

com.webmethods.caf.faces.component.command.html.AsyncCommandLink: Removed field m\_refresh

com.webmethods.caf.faces.component.command.html.AsyncHiddenCommand: Removed field m\_refresh

com.webmethods.caf.faces.component.command.html.CommandForm: Removed field m\_forms

com.webmethods.caf.faces.component.command.html.CommandIcon: Removed field m\_alt

com.webmethods.caf.faces.component.command.html.CommandIcon: Removed field m\_url

com.webmethods.caf.faces.component.command.html.CommandIcon: Removed field m\_urlMouseDown

com.webmethods.caf.faces.component.command.html.CommandIcon: Removed field m\_urlMouseover

com.webmethods.caf.faces.component.events.OpenAjaxScript: Removed field openAjaxTopic

com.webmethods.caf.faces.component.events.OpenAjaxScript: Removed field shouldSubscribe

com.webmethods.caf.faces.component.export.AtomFeedIcon: Removed field m\_converter

com.webmethods.caf.faces.component.export.AtomFeedIcon: Removed field m\_entriesProvider

com.webmethods.caf.faces.component.export.AtomFeedIcon: Removed field m\_exportCharacterEncoding

com.webmethods.caf.faces.component.export.AtomFeedIcon: Removed field m\_exportFileName

com.webmethods.caf.faces.component.export.AtomFeedIcon: Removed field m\_exportForceDownload

com.webmethods.caf.faces.component.export.AtomFeedIcon: Removed field m\_feedProvider

com.webmethods.caf.faces.component.export.AtomFeedIcon: Removed field m\_feedUrl

## Removed API/ Description

com.webmethods.caf.faces.component.export.AtomFeedIcon: Removed field m\_for  
com.webmethods.caf.faces.component.gmap.GMap: Removed field m\_height  
com.webmethods.caf.faces.component.gmap.GMap: Removed field m\_initialAddress  
com.webmethods.caf.faces.component.gmap.GMap: Removed field m\_initialCountry  
com.webmethods.caf.faces.component.gmap.GMap: Removed field m\_key  
com.webmethods.caf.faces.component.gmap.GMap: Removed field m\_latitude  
com.webmethods.caf.faces.component.gmap.GMap: Removed field m\_longitude  
com.webmethods.caf.faces.component.gmap.GMap: Removed field m\_type  
com.webmethods.caf.faces.component.gmap.GMap: Removed field m\_width  
com.webmethods.caf.faces.component.gmap.GMap: Removed field m\_zoom  
com.webmethods.caf.faces.component.gmap.GMapControl: Removed field m\_anchor  
com.webmethods.caf.faces.component.gmap.GMapControl: Removed field m\_offsetX  
com.webmethods.caf.faces.component.gmap.GMapControl: Removed field m\_offsetY  
com.webmethods.caf.faces.component.gmap.GMapControl: Removed field m\_type  
com.webmethods.caf.faces.component.gmap.GMapGetCoordsScript: Removed field m\_latitude  
com.webmethods.caf.faces.component.gmap.GMapGetCoordsScript: Removed field m\_longitude  
com.webmethods.caf.faces.component.gmap.GMapKey: Removed field m\_key  
com.webmethods.caf.faces.component.gmap.GMarker: Removed field m\_clickable  
com.webmethods.caf.faces.component.gmap.GMarker: Removed field m\_draggable  
com.webmethods.caf.faces.component.gmap.GMarker: Removed field m\_icon  
com.webmethods.caf.faces.component.gmap.GMarker: Removed field m\_iconSizeHeight  
com.webmethods.caf.faces.component.gmap.GMarker: Removed field m\_iconSizeWidth  
com.webmethods.caf.faces.component.gmap.GMarker: Removed field m\_initialAddress  
com.webmethods.caf.faces.component.gmap.GMarker: Removed field m\_initialCountry  
com.webmethods.caf.faces.component.gmap.GMarker: Removed field m\_latitude  
com.webmethods.caf.faces.component.gmap.GMarker: Removed field m\_longitude  
com.webmethods.caf.faces.component.gmap.GMarker: Removed field m\_selected  
com.webmethods.caf.faces.component.gmap.GMarker: Removed field m\_title  
com.webmethods.caf.faces.component.gmap.GMarkerGroup: Removed field m\_groupProvider

## Removed API/ Description

com.webmethods.caf.faces.component.gmap.GMarkerList: Removed field m\_clickable  
com.webmethods.caf.faces.component.gmap.GMarkerList: Removed field m\_draggable  
com.webmethods.caf.faces.component.gmap.GMarkerList: Removed field m\_icon  
com.webmethods.caf.faces.component.gmap.GMarkerList: Removed field m\_iconSizeHeight  
com.webmethods.caf.faces.component.gmap.GMarkerList: Removed field m\_iconSizeWidth  
com.webmethods.caf.faces.component.gmap.GMarkerList: Removed field m\_initialAddress  
com.webmethods.caf.faces.component.gmap.GMarkerList: Removed field m\_initialCountry  
com.webmethods.caf.faces.component.gmap.GMarkerList: Removed field m\_latitude  
com.webmethods.caf.faces.component.gmap.GMarkerList: Removed field m\_longitude  
com.webmethods.caf.faces.component.gmap.GMarkerList: Removed field m\_multiple  
com.webmethods.caf.faces.component.gmap.GMarkerList: Removed field m\_title  
com.webmethods.caf.faces.component.gmap.GMarkerList: Removed field m\_multiple  
com.webmethods.caf.faces.component.gmap.GMarkerList: Removed field m\_title  
com.webmethods.caf.faces.component.input.DateInput: Removed field m\_pattern  
com.webmethods.caf.faces.component.input.DateInput: Removed field m\_showMonthAndYearMenus  
com.webmethods.caf.faces.component.input.DateInput: Removed field m\_showSeconds  
com.webmethods.caf.faces.component.input.DateInput: Removed field m\_showTime  
com.webmethods.caf.faces.component.input.DateInput: Removed field m\_showTimezone  
com.webmethods.caf.faces.component.input.DateInput: Removed field m\_timezone  
com.webmethods.caf.faces.component.input.DateInput: Removed field m\_valuePattern  
com.webmethods.caf.faces.component.input.DateInput: Removed field m\_yearMenuRange  
com.webmethods.caf.faces.component.input.DateRangeInput: Removed field m\_futureRanges  
com.webmethods.caf.faces.component.input.DateRangeInput: Removed field m\_label  
com.webmethods.caf.faces.component.input.DateRangeInput: Removed field m\_layout  
com.webmethods.caf.faces.component.input.DateRangeInput: Removed field m\_pastRanges  
com.webmethods.caf.faces.component.logic.If: Removed field m\_value  
com.webmethods.caf.faces.component.logic.Import: Removed field m\_value  
com.webmethods.caf.faces.component.logic.ImportTemplate: Removed field m\_value  
com.webmethods.caf.faces.component.logic.LoadResourceBundle: Removed field m\_basename

## Removed API/ Description

com.webmethods.caf.faces.component.logic.LoadResourceBundle: Removed field m\_var  
com.webmethods.caf.faces.component.logic.VariableContainer: Removed field m\_value  
com.webmethods.caf.faces.component.logic.VariableContainer: Removed field m\_var  
com.webmethods.caf.faces.component.message.FormattedMessage: Removed field m\_showDetail  
com.webmethods.caf.faces.component.message.FormattedMessages: Removed field m\_showDetail  
com.webmethods.caf.faces.component.message.SpecificFormattedMessages: Removed field m\_for  
com.webmethods.caf.faces.component.message.SpecificMessages: Removed field m\_for  
com.webmethods.caf.faces.component.mws\_ui.MwsResourceInclude: Removed field renderer  
com.webmethods.caf.faces.component.mws\_ui.MwsResourceInclude: Removed field uri  
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com.webmethods.caf.faces.component.output.refresh.RefreshButton: Removed field m\_for  
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com.webmethods.caf.faces.component.output.refresh.RefreshLink: Removed field m\_for  
com.webmethods.caf.faces.component.panel.BaseHideablePanel: Removed field m\_disableWhenHidden  
com.webmethods.caf.faces.component.panel.BaseHideablePanel: Removed field m\_lazy  
com.webmethods.caf.faces.component.panel.BaseHideablePanel: Removed field m\_refreshOnShow  
com.webmethods.caf.faces.component.panel.BaseHideablePanel: Removed field m\_suppressInputs  
com.webmethods.caf.faces.component.panel.BaseHideablePanel: Removed field m\_twoPass  
com.webmethods.caf.faces.component.panel.BaseHideablePanel: Removed field m\_visible  
com.webmethods.caf.faces.component.panel.OverlayPanel: Removed field m\_hideEffect  
com.webmethods.caf.faces.component.panel.OverlayPanel: Removed field m\_showEffect  
com.webmethods.caf.faces.component.panel.PopupPanel: Removed field m\_click  
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com.webmethods.caf.faces.component.panel.PopupPanel: Removed field m\_closeOnClick  
com.webmethods.caf.faces.component.panel.PopupPanel: Removed field m\_forRightClick  
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com.webmethods.caf.faces.component.panel.PropertyLine: Removed field m\_description

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com.webmethods.caf.faces.component.panel.PropertyLine: Removed field m\_parentId

com.webmethods.caf.faces.component.panel.StackPanel: Removed field m\_value

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com.webmethods.caf.faces.component.panel.StaticCell: Removed field m\_width

com.webmethods.caf.faces.component.panel.StaticRow: Removed field m\_height

com.webmethods.caf.faces.component.panel.StaticRow: Removed field m\_width

com.webmethods.caf.faces.component.search.BaseSearchControlHelper: Removed field fQuerySupplied

com.webmethods.caf.faces.component.search.BaseSearchControlHelper: Removed field fQuerySuppliedExpr

com.webmethods.caf.faces.component.search.SearchBar: Removed field m\_facets

com.webmethods.caf.faces.component.select.FilterInput: Removed field m\_labelText

com.webmethods.caf.faces.component.select.FilterInput: Removed field m\_showGoButton

com.webmethods.caf.faces.component.select.SelectMany: Removed field m\_filter

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com.webmethods.caf.faces.component.select.SelectOne: Removed field m\_filter

com.webmethods.caf.faces.component.select.SelectOne: Removed field m\_other

com.webmethods.caf.faces.component.select.SelectOne: Removed field m\_sortByLabel

com.webmethods.caf.faces.component.select.html.HtmlSelectBoolean: Removed field m\_accesskey

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com.webmethods.caf.faces.component.table.BaseExtendedColumn: Removed field m\_align  
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com.webmethods.caf.faces.component.table.BaseExtendedColumn: Removed field m\_secondary

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com.webmethods.caf.faces.component.table.BaseExtendedColumn: Removed field m\_secondaryStart  
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com.webmethods.caf.faces.component.table.BaseExtendedColumn: Removed field m\_valign  
com.webmethods.caf.faces.component.table.BaseExtendedColumn: Removed field m\_width  
com.webmethods.caf.faces.component.table.BaseSelectRow: Removed field m\_accesskey  
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com.webmethods.caf.faces.component.table.BaseSelectRow: Removed field m\_multiple  
com.webmethods.caf.faces.component.table.BaseSelectRow: Removed field m\_tabindex  
com.webmethods.caf.faces.component.table.DataPager: Removed field m\_for  
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com.webmethods.caf.faces.component.table.DataPages: Removed field m\_showAlways  
com.webmethods.caf.faces.component.table.MoveRowIcon: Removed field m\_title  
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com.webmethods.caf.faces.component.table.PrevNext: Removed field m\_expandToEdges  
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com.webmethods.caf.faces.component.table.PrevNext: Removed field m\_nextText  
com.webmethods.caf.faces.component.table.PrevNext: Removed field m\_prevIconUrl  
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com.webmethods.caf.faces.component.table.RemoveRow: Removed field m\_for  
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com.webmethods.caf.faces.component.table.RemoveRowIcon: Removed field m\_urlMouseover

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com.webmethods.caf.faces.component.table.SelectRow: Removed field m\_tabindex  
com.webmethods.caf.faces.component.table.SelectRowCheckbox: Removed field m\_children  
com.webmethods.caf.faces.component.table.SelectRowCheckbox: Removed field m\_facets  
com.webmethods.caf.faces.component.table.html.AsyncList: Removed field m\_bufferChunk  
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com.webmethods.caf.faces.component.table.html.CalendarTable: Removed field dayVar  
com.webmethods.caf.faces.component.table.html.CalendarTable: Removed field eventVar  
com.webmethods.caf.faces.component.table.html.CalendarTable: Removed field m\_allDay  
com.webmethods.caf.faces.component.table.html.CalendarTable: Removed field m\_calendarEndDate  
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com.webmethods.caf.faces.component.table.html.CalendarTable: Removed field m\_events

com.webmethods.caf.faces.component.table.html.CalendarTable: Removed field m\_eventsSet

com.webmethods.caf.faces.component.table.html.CalendarTable: Removed field m\_initialDate

com.webmethods.caf.faces.component.table.html.DataList: Removed field m\_marker

com.webmethods.caf.faces.component.table.html.DataList: Removed field m\_selected

com.webmethods.caf.faces.component.table.html.DataList: Removed field m\_selectedRowClass

com.webmethods.caf.faces.component.table.html.DataTable: Removed field createdToOriginalRowIds

com.webmethods.caf.faces.component.table.html.DataTable: Removed field filter

com.webmethods.caf.faces.component.table.html.DataTable: Removed field first

com.webmethods.caf.faces.component.table.html.DataTable: Removed field firstSet

com.webmethods.caf.faces.component.table.html.DataTable: Removed field originalToCreatedRowIds

com.webmethods.caf.faces.component.table.html.DataTable: Removed field var

com.webmethods.caf.faces.component.table.html.HtmlTableColumn: Removed field m\_facets

com.webmethods.caf.faces.component.table.html.ListBox: Removed field m\_rowClasses

com.webmethods.caf.faces.component.table.specialized.Newsfeed: Removed field m\_children

com.webmethods.caf.faces.component.table.specialized.Newsfeed: Removed field m\_facets

com.webmethods.caf.faces.component.table.specialized.Newsfeed: Removed field m\_layout

com.webmethods.caf.faces.component.table.specialized.Newsfeed: Removed field m\_size

com.webmethods.caf.faces.component.table.specialized.Newsfeed: Removed field m\_url

com.webmethods.caf.faces.component.toggle.InitiateToggle: Removed field m\_for

com.webmethods.caf.faces.component.toggle.OneWayToggle: Removed field m\_for

com.webmethods.caf.faces.component.toggle.OneWayToggle: Removed field m\_way

com.webmethods.caf.faces.component.toggle.html.HtmlOneWayToggle: Removed field m\_disabled

com.webmethods.caf.faces.component.toggle.html.HtmlOneWayToggle: Removed field m\_disabledClass

com.webmethods.caf.faces.component.toggle.html.HtmlOneWayToggle: Removed field m\_enabledClass

com.webmethods.caf.faces.component.toggle.html.HtmlOneWayToggle: Removed field m\_width

com.webmethods.caf.faces.component.toggle.html.HtmlOneWayToggleCheckbox: Removed field

## Removed API/ Description

m\_checked

com.webmethods.caf.faces.component.toggle.html.HtmlOneWayToggleCheckbox: Removed field m\_checkedWhenVisible

com.webmethods.caf.faces.component.toggle.html.HtmlToggle: Removed field m\_disabled

com.webmethods.caf.faces.component.toggle.html.HtmlToggle: Removed field m\_disabledClass

com.webmethods.caf.faces.component.toggle.html.HtmlToggle: Removed field m\_enabledClass

com.webmethods.caf.faces.component.toggle.html.HtmlToggle: Removed field m\_layout

com.webmethods.caf.faces.component.toggle.html.HtmlToggle: Removed field m\_width

com.webmethods.caf.faces.component.tree.AsyncTree: Removed field m\_initialDepth

com.webmethods.caf.faces.component.tree.AsyncTree: Removed field m\_progressDelay

com.webmethods.caf.faces.component.tree.AsyncTree: Removed field m\_progressFlashOnComplete

com.webmethods.caf.faces.component.tree.AsyncTree: Removed field m\_progressMsg

com.webmethods.caf.faces.component.tree.AsyncTree: Removed field m\_refillDepth

com.webmethods.caf.faces.component.tree.AsyncTree: Removed field m\_refreshOnShow

com.webmethods.caf.faces.component.tree.AsyncTree: Removed field m\_suppressInputs

com.webmethods.caf.faces.component.tree.BaseTreeControl: Removed field m\_collapseAllIcon

com.webmethods.caf.faces.component.tree.BaseTreeControl: Removed field m\_collapseIcon

com.webmethods.caf.faces.component.tree.BaseTreeControl: Removed field m\_expandAllIcon

com.webmethods.caf.faces.component.tree.BaseTreeControl: Removed field m\_expandIcon

com.webmethods.caf.faces.component.tree.BaseTreeControl: Removed field m\_leafIcon

com.webmethods.caf.faces.component.tree.BaseTreeControl: Removed field m\_lineBottomIcon

com.webmethods.caf.faces.component.tree.BaseTreeControl: Removed field m\_lineIcon

com.webmethods.caf.faces.component.tree.BaseTreeControl: Removed field m\_lineNoneIcon

com.webmethods.caf.faces.component.tree.BaseTreeControl: Removed field m\_lineTopIcon

com.webmethods.caf.faces.component.tree.BaseTreeControl: Removed field m\_loadingIcon

com.webmethods.caf.faces.component.tree.BaseTreeControl: Removed field m\_showSortLink

com.webmethods.caf.faces.view.BaseViewHandler: Removed field RE\_FE\_URL

com.webmethods.portal.faces.view.PortalViewHandler: Removed field RE\_FE\_URL

com.webmethods.portal.taglib.PortalIterationTagSupport: Removed field EMPTY\_ITERATOR

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