

# webMethods Composite Application Development 10.0 Readme

**April 2017**

This is an Innovation Release. Innovation releases have a much shorter support cycle than standard releases. To learn more, please visit <http://empower.softwareag.com/innovationrelease/>.

This file contains important information you must read before using webMethods Composite Application Development 10.0. 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-3951  
Installing a Composite Application Framework (CAF) 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.
- WTN-3893  
When implementing the HPSTRA search content provider for custom task type inboxes, Software AG Designer does not display HPSTRA enabled business data fields in the Task UI Update wizard.  
The workaround for this issue is to add the HPSTRA-enabled business data fields manually in the source of the page or view.

## 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 10.0***

- 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

### ***Release 9.7***

- DES\_9.6\_CAD\_Fix1
- DES\_8.2\_SP1\_CAD\_Fix10

### ***Release 9.6***

- DES\_8.2\_SP1\_CAD\_Fix8

## 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 10.0**

- 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.

## **Release 9.7**

- WMD-3528  
The Task Node does not display in Solutions View.  
After a Designer restart, the Task Node does not display in Solutions View in a Mobile Application Project.  
This issue is now resolved.
- WMD-3529  
The Bindings view in Designer throws an exception.  
The Bindings view in Designer displays a "Could not create the view: com.webmethods.caf.faces.data.views.PageDataView" error message for a task in a Mobile Application Project.  
This issue is now resolved.
- WS-20830  
JSF core components and renderers are being overridden by My webMethods Server custom implementations.  
My webMethods Server overrides basic JSF component classes and renderers. This results in the usage of certain base JSF tags to render and behave like My webMethods Server-specific components instead.  
This issue is now resolved.

## **Release 9.6**

- WMC-2522  
An invalid session token is detected.  
When web services are called from a command button action, a "[POP.016.0056] Invalid session token detected. Please reload the page" message is displayed.  
This issue is now resolved.
- WMC-2567  
Web Service Generation (WS-Stack) fails and no operations can be selected.  
In Designer, when you attempt to create a new web service connector using the new web service connector wizard, the "Select Operation" wizard step displays no operations to select.  
This issue is now resolved.
- WMC-2574  
An issue exists with hideable panel refresh.  
The hideable panel refresh seems to save the state from the previous time it was refreshed, so when the data is displayed again, it shows the previous values.  
This issue is now resolved.
- BPMSWEB-1860  
Designer should display an error when a user enters an incorrect value for the value property of a

Combo box select item.

Currently, Designer only displays a warning when a user enters an incorrect value for the value property of a Combo box select item. However, this incorrect value could cause class cast exceptions. The warning needs to be changed to be an error so that user fixes this problem before deploying their application to My webMethods Server.

This issue is now resolved.

- **BPMSWEB-1853**

The default Java package name in Designer should be changed so it is unique for Java classes generated in each project.

If a user wants to export a package from a WAR file or Utility Jar project, the Java package name should be unique so it doesn't collide with other components.

Proposed change is from the previous default java package:

com.webmethods.caf

to:

caf.\${project\_type}.\${project\_name}

Where \${project\_type} is replaced with "war" or "jar" depending on the type of the project and \${project\_name} is replaced with the name of the project.

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 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 *webMethods CAF Development Help* PDF guide.

## **7.0 Terminology Changes**

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

## **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 9.12**

<b>Deprecated Item</b>	<b>Replacement, if any</b>
Support for Axis 1.x, which is used for exposing web services from My webMethods Server, is deprecated.	
Support for using webMethods Glue to create web service connectors in CAF and OpenCAF applications is deprecated.	WS-Stack Client library

### **Release 9.10**

<b>Added Item</b>	<b>Description</b>
Drag And Drop File Input CAF control	Replaces the Drag And Drop applet.

Added Item	Description
<p>Client-side validation support for the CAF File Validator</p>	<p>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.</p> <p>Client-side validation prevents uploading the wrong type of file to the server or uploading files that are too large.</p> <p>The browsers that support this capability are:</p> <p>Google Chrome version 6.0 and higher  Internet Explorer version 10.0 and higher  Firefox version 3.6 and higher</p> <p>For browsers that do not support HTML5, server-side validation would have to be performed instead.</p>
<p>Support for the "multiple" attribute in the File Input CAF control</p>	<p>With the "multiple" attribute enabled, you can select and upload more than one file using the File Input control.</p> <p>When the "multiple" attribute is enabled, the value of the control should be bound to a List&lt;Part&gt; object.</p> <p>The browsers that support this capability are:</p> <p>Google Chrome version 6.0 and higher  Internet Explorer version 10.0 and higher  Firefox version 3.6 and higher</p> <p>If using other browsers, you can select only a single file through the File Input control.</p>
<p>Support for standard JavaServer Faces ( JSF) 2 methods to do Ajax requests</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>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>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
The Attachments List CAF control has been improved.	The changes to the Attachments List control include replacing the Java applet-based drag and drop panel with an HTML5-based equivalent.
The SOAP Monitor, Color Picker, and File Attachment applets have been converted to CAF components.	In more recent versions of Chrome and Firefox applets are disabled by default and must be manually enabled. Applets represent security risks.
The CAF project classpath has been simplified.	<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
Applet CAF control	

## Release 9.9

Changed Item	Description
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>
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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 `http://java.sun.com/jsf/` are renamed to `http://xmlns.jcp.org/jsf/*`. CAF has switched to using the new namespaces for new projects in order to avoid using deprecated items.

## **Release 9.7**

<b>Added Item</b>	<b>Description</b>
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Search Bar + Results portlet

A predefined portlet that provides both the search bar and the search results, requiring no portlet-to-portlet wiring. When you select this portlet type, use the Display Style list to select table results, tree results, or a display that can be toggled from table to tree.

Redisplay property

JSF 2.0 added a new property to `UIMessage` named "redisplay" that can be used to indicate whether a `FacesMessage` should be redisplayed if it has already been rendered by another control. This property value is set to "True" to render the message even if it has already been rendered by another control. The default value is true.

Added Item	Description
<p>Added a large number of base JSF components.</p>	<p>OpenCAF has added the ability for customers to include the following JSF components to their application projects:</p> <ul style="list-style-type: none"> <li>• h:button</li> <li>• h:column</li> <li>• h:commandButton</li> <li>• h:commandLink</li> <li>• h:dataTable</li> <li>• h:form</li> <li>• h:graphicImage</li> <li>• h:inputHidden</li> <li>• h:inputText</li> <li>• h:inputTextarea</li> <li>• h:inputSecret</li> <li>• h:link</li> <li>• h:message</li> <li>• h:messages</li> <li>• h:outputFormat</li> <li>• h:outputLabel</li> <li>• h:outputLink</li> <li>• h:outputText</li> <li>• h:selectBooleanCheckbox</li> <li>• h:selectManyListbox</li> <li>• h:selectManyCheckbox</li> <li>• h:selectManyMenu</li> <li>• h:selectOneListbox</li> <li>• h:selectOneMenu</li> <li>• h:selectOneRadio</li> </ul>
<p>Added pass-through attributes for existing JSF components.</p>	<p>Existing JSF components can now implement new HTML5 attributes such as the type attribute for input elements and supporting values such as text, search, email, url, tel, number, and date. Use the following namespace to enable pass-through attributes</p> <p><code>&lt;?xml:namespace prefix="http://java.sun.com/jsf/passthrough"/&gt;</code></p>

Changed Item	Description
<p>Change "AppEditor Application" template selection name to "OpenCAF Shell"</p>	<p>When a user creates a new portlet application project, one of the currently available project templates names has been renamed from "AppEditor Application" to "OpenCAF Shell"</p>

Changed Item	Description
<p>Changes to <code>javax.faces.PROJECT_STAGE</code>.</p>	<p>For version 9.7, the default value of the "javax.faces.PROJECT_STAGE" context parameter is set to "Development" when My webMethods Server is running in debug mode. When My webMethods Server is not running in debug mode, the value defaults to "Production".</p> <p>When the "javax.faces.PROJECT_STAGE" is set as "Development", the Mojarra JSF library included with CAF does some additional checks and will report some additional errors that you would not see otherwise. For more information, see:</p> <p><a href="https://blogs.oracle.com/rlubke/entry/jsf_2_0_new_feature2">https://blogs.oracle.com/rlubke/entry/jsf_2_0_new_feature2</a></p> <p><a href="https://weblogs.java.net/blog/driscoll/archive/2009/09/28/jsf-20-reminder-project-stage">https://weblogs.java.net/blog/driscoll/archive/2009/09/28/jsf-20-reminder-project-stage</a></p>
<p>Change CAF WAR file build script to put the compiled classes into a JAR file.</p>	<p>Build scripts for WAR files now zip up all compiled classes into a JAR file that is placed in the WEB-INF/lib folder instead of copying each of the individual .class files into the WEB-INF/classes folder. This will help to reduce errors related to "Too many open files."</p>
<p>Changes when existing VDL files convert to new taglib values during runtime and import.</p>	<p>When importing a portlet application project or running the "migrate to JSF 2x" menu option, Designer converts existing VDL files taglibs to the updated values. Existing view files inside a My webMethods Server system have their values remapped when the file is read and no conversion is needed by the user.</p>
<p>Changes to Script block</p>	<p>A Script block works improperly in .xhtml VDL files. Users should convert their script blocks to basic script. For example:</p> <pre data-bbox="699 1398 1127 1587"> &lt;script type="text/javascript"&gt;     &lt;![CDATA[         JavaScript content     ]]&gt; &lt;/script&gt; </pre>

## Release 9.6

Deprecated Item	Replacement, if any
BaseFacesBean.OUTCOME_OK BaseFacesBean.OUTCOME_ERROR	With the implementation of JavaServer Faces (JSF) version 2.x, these two actions are now deprecated. With JSF version 2.x or later, if you haven't defined an explicit <navigation-rule> in faces-config.xml for the outcome string, then the outcome string returned from an action handler method is expected to be null or the viewId of the page to switch to. You would want to return null if you want to stay on the same page, or the target viewId if you want the action to switch to a different view. Please see section 7.4.2 of the JSF 2.x specification if you want more details about the default navigation handler algorithm. As a result, we marked the BaseFacesBean.OUTCOME_OK and BaseFacesBean.OUTCOME_ERROR fields as deprecated to discourage their usage in future projects. So if your portlet is returning OUTCOME_OK or OUTCOME_ERROR from your action handler, you probably want to return null instead.
The 'for' attribute of the 'Equal' validator	The 'for' attribute of the 'Equal' validator is deprecated and hidden because it is a reserved attribute name for validators in JSF facelets. Use 'componentId' as the attribute name instead. When loading/exporting/converting an existing .view file, the attribute is renamed automatically.
Default Navigation Rules	Default Navigation Rules are being deprecated as the rules are no longer needed for new projects.

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

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

### **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

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

com.webmethods.portal.service.sql.runtime.base.TaskSearchFromInboxesByTagPaged: Added  
com.webmethods.portal.service.task.ITaskInfoFieldConverters 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.NBSPPage: Method 'public java.lang.Object get(java.lang.String, boolean)' has been added

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

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

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

com.webmethods.rtl.script.nbsp.PooledNBSPPage: 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\$GadgetExternalScripts)' 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.wsserver.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.wsserver.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.wsserver.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.wsserver.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.wsserver.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.wsserver.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.wsserver.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 getUMSession()'` 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  
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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

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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  
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com.webmethods.caf.faces.component.mws\_ui.MwsResourceInclude: Removed field uri  
com.webmethods.caf.faces.component.nav.StaticMenus: Removed field m\_appNavBean  
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com.webmethods.caf.faces.component.nav.StaticMenus: Removed field m\_facets  
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com.webmethods.caf.faces.component.output.Chart: Removed field m\_series  
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com.webmethods.caf.faces.component.output.html.HtmlButton: Removed field m\_accesskey  
com.webmethods.caf.faces.component.output.html.HtmlButton: Removed field m\_alt  
com.webmethods.caf.faces.component.output.html.HtmlButton: Removed field m\_dir  
com.webmethods.caf.faces.component.output.html.HtmlButton: Removed field m\_disabled  
com.webmethods.caf.faces.component.output.html.HtmlButton: Removed field m\_image  
com.webmethods.caf.faces.component.output.html.HtmlButton: Removed field m\_label  
com.webmethods.caf.faces.component.output.html.HtmlButton: Removed field m\_lang  
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com.webmethods.caf.faces.component.output.refresh.RefreshIcon: Removed field m\_for

com.webmethods.caf.faces.component.output.refresh.RefreshInterval: Removed field m\_for

com.webmethods.caf.faces.component.output.refresh.RefreshInterval: Removed field m\_interval

com.webmethods.caf.faces.component.output.refresh.RefreshInterval: Removed field m\_waitUntilReloaded

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

com.webmethods.caf.faces.component.panel.PopupPanel: Removed field m\_close

com.webmethods.caf.faces.component.panel.PopupPanel: Removed field m\_closeOnClick

com.webmethods.caf.faces.component.panel.PopupPanel: Removed field m\_forRightClick

com.webmethods.caf.faces.component.panel.PopupPanel: Removed field m\_hideEffect

com.webmethods.caf.faces.component.panel.PopupPanel: Removed field m\_hideEffectOptions

com.webmethods.caf.faces.component.panel.PopupPanel: Removed field m\_hover

com.webmethods.caf.faces.component.panel.PopupPanel: Removed field m\_position

com.webmethods.caf.faces.component.panel.PopupPanel: Removed field m\_showEffect

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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.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.html.HtmlSelectOne: Removed field m\_tabindex  
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com.webmethods.caf.faces.component.table.AddRow: Removed field m\_row  
com.webmethods.caf.faces.component.table.AddRowIcon: Removed field m\_title  
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com.webmethods.caf.faces.component.table.BaseExtendedColumn: Removed field m\_align  
com.webmethods.caf.faces.component.table.BaseExtendedColumn: Removed field m\_ascending  
com.webmethods.caf.faces.component.table.BaseExtendedColumn: Removed field m\_exportable  
com.webmethods.caf.faces.component.table.BaseExtendedColumn: Removed field m\_group  
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com.webmethods.caf.faces.component.table.BaseExtendedColumn: Removed field m\_label  
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com.webmethods.caf.faces.component.table.BaseExtendedColumn: Removed field m\_ordinal  
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\_secondaryEnd  
com.webmethods.caf.faces.component.table.BaseExtendedColumn: Removed field m\_secondaryStart  
com.webmethods.caf.faces.component.table.BaseExtendedColumn: Removed field m\_sort  
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  
com.webmethods.caf.faces.component.table.BaseSelectRow: Removed field m\_disabled  
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  
com.webmethods.caf.faces.component.table.DataPages: Removed field m\_maxPages  
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.MoveRowIcon: Removed field m\_urlMouseover  
com.webmethods.caf.faces.component.table.PrevNext: Removed field m\_expandToEdges  
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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\_accesskey  
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com.webmethods.caf.faces.component.table.html.AsyncList: Removed field m\_bufferMax  
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com.webmethods.caf.faces.component.table.html.CalendarTable: Removed field m\_allDay  
com.webmethods.caf.faces.component.table.html.CalendarTable: Removed field m\_calendarEndDate  
com.webmethods.caf.faces.component.table.html.CalendarTable: Removed field m\_calendarStartDate

## Removed API/ Description

com.webmethods.caf.faces.component.table.html.CalendarTable: Removed field m\_displayUnits

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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