

# My webMethods Server and Common Directory Services 10.11 Readme

**October 2021**

This file contains important information you must read before using My webMethods Server and Common Directory Services 10.7. 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](#).

- MWS-29721  
When a user, defined in an LDAP directory service attempts to log into My webMethods, My webMethods Server might become unresponsive until restarted. This issue occurs when the LDAP directory service is configured to use Kerberos authentication.

As a workaround to this issue, switch back to using the LDAP directory service without Kerberos authentication by deselecting the Use Kerberos option in the directory service configuration.

## 3.0 Usage Notes

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

- My webMethods Server instances, installed on Windows Server 2016 might fail to initialize unless started with administrator permissions.

## 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 10.11***

- MWS\_10.7\_CDS\_Fix2
- MWS\_10.7\_Database\_Fix1
- MWS\_10.7\_Fix1
- MWS\_10.7\_SPM\_Fix1
- MWS\_10.5\_Fix11
- MWS\_10.5\_SPM\_Fix1
- MWS\_10.5\_SPM\_TE\_Fix1
- MWS\_10.5\_SPM\_IS\_TE\_Fix1

- MWS\_10.5\_Database\_Fix5
- MWS\_10.5\_ABE\_Fix1
- MWS\_10.4\_Fix1
- MWS\_10.3\_Fix19
- MWS\_10.3\_SPM\_Fix2
- MWS\_10.3\_SPM\_IS\_Fix1
- MWS\_10.3\_SPM\_IS\_TE\_Fix1
- MWS\_10.3\_ABE\_Fix2
- MWS\_Tanuki\_Fix1
- MWS\_10.2\_Fix1
- MWS\_10.1\_Fix22
- MWS\_10.1\_SPM\_Fix2
- MWS\_10.1\_SPM\_TE\_Fix2
- MWS\_10.0\_Fix4
- MWS\_10.0\_SPM\_Fix1
- MWS\_9.12\_Fix40
- MWS\_9.12\_SPM\_Fix2
- MWS\_9.12\_SPM\_TE\_Fix1
- MWS\_9.10\_Fix33
- MWS\_9.10\_SPM\_Fix1
- MWS\_9.10\_SPM\_IS\_Fix1

### ***Release 10.7***

- MWS\_10.5\_Fix9
- MWS\_10.5\_SPM\_Fix1
- MWS\_10.5\_SPM\_TE\_Fix1
- MWS\_10.5\_SPM\_IS\_TE\_Fix1

- MWS\_10.5\_Database\_Fix5
- MWS\_10.5\_ABE\_Fix1
- MWS\_10.4\_Fix1
- MWS\_10.3\_Fix16
- MWS\_10.3\_SPM\_Fix2
- MWS\_10.3\_SPM\_IS\_Fix1
- MWS\_10.3\_ABE\_Fix2
- MWS\_Tanuki\_Fix1
- MWS\_10.2\_Fix1
- MWS\_10.1\_Fix19
- MWS\_10.1\_SPM\_Fix2
- MWS\_10.1\_SPM\_TE\_Fix2
- MWS\_10.0\_Fix4
- MWS\_10.0\_SPM\_Fix1
- MWS\_9.12\_Fix40
- MWS\_9.12\_SPM\_Fix2
- MWS\_9.12\_SPM\_TE\_Fix1
- MWS\_9.10\_Fix33
- MWS\_9.10\_SPM\_Fix1
- MWS\_9.10\_SPM\_IS\_Fix1
- MWS\_9.10\_SPM\_IS\_Fix1

### ***Release 10.5***

- MWS\_10.3\_Fix7
- MWS\_10.3\_SPM\_Fix1
- MWS\_10.3\_SPM\_IS\_Fix1
- MWS\_10.2\_Fix1

- MWS\_10.1\_Fix11
- MWS\_10.1\_SPM\_Fix2
- MWS\_10.0\_Fix4
- MWS\_10.0\_SPM\_Fix1
- MWS\_9.12\_Fix34
- MWS\_9.12\_SPM\_Fix1
- MWS\_9.12\_SPM\_TE\_Fix1
- MWS\_9.10\_Fix31
- MWS\_9.10\_SPM\_Fix1
- MWS\_9.10\_SPM\_IS\_Fix1
- MWS\_9.10\_SPM\_IS\_Fix1

### ***Release 10.4***

- MWS\_10.3\_Fix2
- MWS\_10.3\_SPM\_Fix1
- MWS\_10.2\_Fix1
- MWS\_10.1\_Fix8
- MWS\_10.1\_SPM\_Fix1
- MWS\_10.0\_Fix4
- MWS\_10.0\_SPM\_Fix1
- MWS\_9.12\_Fix31
- MWS\_9.12\_SPM\_Fix1
- MWS\_9.12\_SPM\_TE\_Fix1
- MWS\_9.10\_Fix29
- MWS\_9.10\_SPM\_Fix1
- MWS\_9.10\_SPM\_IS\_Fix1

## ***Release 10.3***

- MWS\_10.2\_Fix1
- MWS\_10.1\_Fix6
- MWS\_10.1\_SPM\_Fix1
- MWS\_10.0\_Fix4
- MWS\_10.0\_SPM\_Fix1
- MWS\_9.12\_Fix27
- MWS\_9.12\_SPM\_Fix1
- MWS\_9.12\_SPM\_TE\_Fix1
- MWS\_9.10\_Fix28
- MWS\_9.10\_SPM\_Fix1
- MWS\_9.10\_SPM\_IS\_Fix1
- MWS\_9.9\_Fix29
- MWS\_9.9\_SPM\_Fix2
- MWS\_9.9\_GLUE\_Fix2
- MWS\_9.8\_Fix39
- MWS\_9.8\_SPM\_Fix5
- MWS\_9.8\_GLUE\_Fix3
- MWS\_9.7\_Fix36
- MWS\_9.7\_SPM\_Fix3

## ***Release 10.2***

- MWS\_10.1\_Fix2
- MWS\_10.0\_Fix4
- MWS\_10.0\_SPM\_Fix1
- MWS\_9.12\_Fix18
- MWS\_9.12\_SPM\_Fix1

- MWS\_9.10\_Fix25
- MWS\_9.9\_Fix22
- MWS\_9.9\_SPM\_Fix2
- MWS\_9.8\_Fix36
- MWS\_9.7\_Fix34
- MWS\_9.6\_Fix26
- MWS\_9.5\_SP1\_Fix31
- MWS\_9.0\_SP1\_Fix16

### ***Release 10.1***

- MWS\_10.0\_Fix2
- MWS\_9.12\_Fix9
- TE\_9.12\_TC\_Fix1
- MWS\_9.10\_Fix17
- MWS\_9.9\_Fix18
- TE\_9.9\_TC\_Fix2
- MWS\_9.8\_Fix28
- MWS\_9.8\_GLUE\_Fix3
- TE\_9.8\_TC\_Fix1
- MWS\_9.7\_Fix29
- TE\_9.7\_TC\_Fix2
- MWS\_9.6\_Fix23
- TE\_9.6\_TC\_Fix2
- MWS\_9.5\_SP1\_Fix29
- MWS\_8.2\_SP1\_Fix31

## ***Release 10.0***

- MWS\_9.12\_Fix3
- MWS\_9.10\_Fix9
- MWS\_9.9\_Fix10
- MWS\_9.8\_Fix19
- MWS\_9.8\_GLUE\_Fix2
- MWS\_9.7\_Fix23
- TE\_9.7\_TC\_Fix2
- MWS\_9.6\_Fix18
- TE\_9.6\_TC\_Fix2
- MWS\_9.5\_SP1\_Fix23
- MWS\_8.2\_SP1\_Fix29

## ***Release 9.12***

- MWS\_9.10\_Fix2
- MWS\_9.10\_SPM\_Fix1
- MWS\_9.10\_SPM\_IS\_Fix1
- MWS\_9.9\_Fix5
- MWS\_9.9\_GLUE\_Fix2
- MWS\_9.9\_SPM\_Fix1
- MWS\_9.8\_Fix12
- MWS\_9.8\_SPM\_Fix4
- MWS\_9.7\_Fix16
- MWS\_9.6\_Fix16
- MWS\_9.6\_SPM\_Fix3
- MWS\_9.5\_SP1\_Fix22
- MWS\_9.0\_SP1\_Fix13



- MWS\_8.2\_SP1\_Fix28
- TE\_9.8\_TC\_Fix1
- TE\_9.6\_Fix1
- TE\_9.5\_SP1\_TC\_Fix3

### ***Release 9.10***

- MWS\_9.9\_Fix2
- MWS\_9.9\_GLUE\_Fix1
- MWS\_9.8\_Fix8
- MWS\_9.8\_GLUE\_Fix1
- MWS\_9.7\_Fix12
- MWS\_9.6\_Fix10
- MWS\_9.6\_GLUE\_Fix1
- MWS\_9.5\_SP1\_Fix15
- MWS\_9.0\_SP1\_Fix9
- MWS\_8.2\_SP1\_Fix26
- TE\_9.7\_TC\_Fix1
- TE\_8.2\_SP1\_TC\_Fix7

## **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 10.7***

- MWS-27886  
When upgrading a My webMethods Server cluster using a Command Central template, some of the cluster nodes might fail to initialize and cause the entire migration to fail.

The issue is resolved.

- MWS-27592

A security issue with the Apache POI library was discovered in My webMethods Server.

The issue is resolved. The vulnerable version 3.11 of the library is now upgraded to a more secure version (3.17).

- MWS-27275

The Database Component Configurator might require database administrator access or fail to create some of the components for My webMethods Server. This issue occurs when executing My webMethods Server database scripts on an Azure non-dbo schema.

The issue is resolved.

### **Release 10.3**

- MWS-23340

My webMethods Server fails to delete a user profile. The issue occurs if the user attempts to delete their profile immediately after exporting the profile data.

The issue is resolved.

- MWS-22700

A security issue with permissions to wm\_mws\_diagnostics components was discovered in My webMethods Server.

The issue is resolved.

- MWS-22696

A security issue with button controls vulnerable to XSS attacks was discovered in My webMethods Server.

The issue is resolved.

- MWS-23272

A security issue with unauthenticated access to server resources was discovered in My webMethods Server.

The issue is resolved.

### **Release 10.2**

- MWSSOF-1714

A CSV injection vulnerability was discovered in My webMethods Server.

The issue is resolved.

- MWS-22327

My webMethods Server does not support session-based token generation for CSRF tokens.

The issue is resolved. Now you can configure the previously removed functionality for session-based token generation using the My webMethods Server user interface. To enable session-based

CSRF token generation:

1. Log in as sysadmin and navigate to Folders > Administrative Folders > Administration Dashboard > Configuration > XSRF Security Configuration.
2. Clear the checkbox for the default setting, which is 'Use secret-based token generator'.
3. Click Submit.

My webMethods Server will now generate CSRF tokens per session.

- MWS-22659  
Asset Build Environment does not allow the use of third-party libraries when building My webMethods Sever assets.  
The issue is resolved. You can now add third-party libraries to use only at compile time for building My webMethods Sever assets.  
To include third-party libraries, create a new directory in the root directory of the project, and name that directory 'lib-compile'. Any custom .jar files placed in the 'lib-compile' directory will be used only at compile time, and will not be included in the project build.

## ***Release 10.1***

- MWS-21673  
A CSV injection vulnerability was discovered in My webMethods Server.  
The issue is resolved.
- MWS-21252  
A security issue with logging in debug mode was discovered in My webMethods Server.  
The issue is resolved.

## ***Release 10.0***

- MWS-18703  
When processing SOAP service calls, for example from the WmTaskClient package in Integration Server, My webMethods Server might cause increased memory consumption.  
The issue is resolved.
- MWS-19947  
Jackrabbit libraries should be updated to get the latest fixes.  
The issue is resolved.
- MWS-20464  
When you configure the JNDI URL of a standalone My webMethods Server or use My webMethods Server in a cluster, starting the Common Directory Services component logs JmsRemoteCommandTransport errors in the Integration Server log. The issue occurs when My webMethods Server loses connectivity to the Universal Messaging server.  
The issue is resolved.

## Release 9.12

- MWS-17522  
Upgrading My webMethods Server to version 9.10 using a .zip file fails.  
When you attempt to upgrade a My webMethods Server installation to version 9.10 using a .zip file as a source, the upgrade fails with multiple "ERROR: Missing file in source installation." errors. The issue occurs because the files in the *Software AG\_directory/profiles/MWS\_instanceName/configuration* directory are not included in the .zip file.  
The issue is resolved.
- MWS-15586  
My webMethods Server returns an exception when connecting to webMethods Integration Server via a web application view.  
When a My webMethods Server web application attempts to connect to Integration Server using a web service connector with a basic or hybrid connection, the system returns an "unable to create user context" exception.  
The issue is resolved.
- WTN-3684  
On the Business Data page in My webMethods, the Intrinsic Task Metrics event maps are improperly set as user-defined.  
When you expand the Intrinsic Task Metrics node on the Administration > Analytics > KPIs > Business Data page in My webMethods, the DEFINED BY column for the Intrinsic Task Metrics event maps displays the value of "User". However, intrinsic event map and KPI definitions should be system-defined to prevent users from deleting or modifying the definitions.  
The issue is resolved. The DEFINED BY column for the Intrinsic Task Metrics event maps now has a value of "System".

## Release 9.10

- MWS-16198  
After migration, the About page of My webMethods Server does not show the correct version.  
On the About page in My webMethods, when you click the My webMethods Server tab under Licensed Product, the tab still shows the old version instead of the current one.  
The issue is resolved.
- MWS-15647  
Web Services Stack logs multiple error messages in the My webMethods Server *\_server.log* during asset deployment.  
When you deploy assets to My webMethods Server using webMethods Deployer, Web Services Stack logs multiple "No 'endpoint' property set and serverSide=true, cannot uniquely identify endpoint for service" error messages in the *\_server.log*.  
The issue is resolved.

- MWS-15122  
The SOAP Monitor portlet fails to communicate with My webMethods Server.  
When you attempt to use the SOAP Monitor portlet in My webMethods Server, the SOAP monitor applet starts but shows the following error: "The SOAP Monitor is unable to communicate with the server".  
The issue is resolved.

## 6.0 Documentation Changes

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

### **Release 10.7**

A new chapter, "Using My webMethods Server with Docker", has been added to the *Administering My webMethods Server* guide.

### **Release 10.3**

The My webMethods Server documentation set is available as a webhelp on the Software AG Empower website.

### **Release 10.0**

- The *Administering My webMethods Server* guide is available as a webhelp on the Software AG Empower website.
- A new chapter, "Sending Mobile Notifications from My webMethods Server", has been added to the *Administering My webMethods Server* guide.

### **Release 9.12**

A new chapter, "Using Command Central to Manage My webMethods Server", has been added to the PDF guide *Administering My webMethods Server*. The chapter contains information about how you use the Software AG Command Central web user interface and command line interface to manage My webMethods Server.

### **Release 9.10**

A new chapter, "Configuring the Time Zone in My webMethods", has been added to the PDF guide *Working with My webMethods*.

## 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 10.11***

Added Item	Description
Administrative user password change during installation	My webMethods Server and Common Directory Services now support changing the password of the default administrative user (SysAdmin for My webMethods Server and Administrator for the Common Directory Services administration interfaces in Integration Server) during installation.  All other administrative users are disabled by default. After logging in for the first time, the SysAdmin user must change the passwords for the remaining administrative users and enable login for their accounts.
SysAdmin password change at first login	The default login page for My webMethods Server is enhanced to include two additional fields for changing the sysadmin password when the option to require this change is selected during server installation.
Additional configuration options for Common Directory Services Administration in Integration Server	The Common Directory Services administration interfaces, available as part of the new Integration Server administration interface now include additional options such as DB JMS configuration, shared secrets generation, one-time password configuration, permissions management, calendar configuration and user data export.

Added Item	Description
Optimized container initialization and startup times	The initialization and startup times for My webMethods Server instances, running in Docker containers are optimized using various database procedure and component installation enhancements. My webMethods Server now uses an in-memory Derby database instance to perform bootstrapping activities for Docker containers and avoid network latency between the server and the production database. The new optimization mechanism can synchronize with all supported database types without additional manual configurations.
New additional JVM properties to control the optimized container startup, or enable startup optimization for on-premises installations	My webMethods Server now supports the <i>mws.inmemory.init</i> and <i>sql.delay.threshold</i> (container only) properties for enabling startup optimization and additional optimization control. For more information about how to use custom JVM properties, see <i>Administering My webMethods Server</i> .

## Release 10.7

Added Item	Description
Support for Docker	My webMethods Server now provides additional tooling for generating Dockerfiles and Docker images and can run in a Docker container. For more information, see <i>Administering My webMethods Server</i> .
Jetty Server Upgrade to version 9.4.28	My webMethods Server now includes Jetty version 9.4.28 which features various enhancements and security updates.
Two-factor authentication support	My webMethods Server and CDS now support two-factor authentication with Google Authenticator and a one-time password, received by e-mail.
Kerberos authentication to the database	My webMethods Server is enhanced to connect to the database using Kerberos authentication.

Added Item	Description
CDS version interoperability	My webMethods Server now supports version interoperability for Common Directory Services. My webMethods Server 10.7 can communicate and exchange user information with a newer version of the Common Directory Services component. The Common Directory Services Component, (installed with integration Server 10.7) can communicate with the latest fix levels of My webMethods Server versions 10.1 through 10.7. For more information about how to enable version interoperability, see <i>Administering My webMethods Server</i> .
Common Directory Services Administration in Integration Server	Common Directory Services can be installed and configured on Integration Server, without using an additional My webMethods Server node. The Common Directory Services administration interfaces are available as part of the new Integration Server administration interface. This is a preview feature.

## Release 10.5

Added Item	Description
SP-initiated SSO with SAML	My webMethods Server now supports an additional scenario for configuring SSO with the SAML authentication scheme and a third-party identity provider - service provider-initiated authentication. For more information, see <i>Administering My webMethods Server</i> .
Support for Log4j2	The logging functionality in My webMethods Server is updated to use the log4j2 library.
Database JMS for CDS	My webMethods Server now supports using the database as a JMS provider for synchronization with the CDS component in Integration Server and in small My webMethods Server clusters. For more information, see <i>Administering My webMethods Server</i> .



Added Item	Description
Enhanced support for upgrading with Command Central templates	The migration utility for MWS now provides options to skip the deletion of existing instances when rerun over the same installation. The option is enabled by default when the migration utility is used through Command Central templates.
New additional JVM property for configuring the number of threads that purge deleted items from the database	Use this property to configure the number of purge threads:  <code>purge.schedule.maxthreads=<i>number_of_threads</i></code>
New additional JVM properties for configuring content security policy	Use this property to enable (default) or disable the content security policy:  <code>com.webmethods.content.security.disabled</code>  Use this property to supply additional allowed hosts:  <code>com.webmethods.content.security.hosts</code>  For more information about custom JVM properties see <i>Administering My webMethods Server</i> .

Removed Item	Replacement, if any
Support for Log4j version 1	Log4j2 version 2

## **Release 10.4**

Added Item	Description
Support for using PostgreSQL with My webMethods Server	For more information about how to use PostgreSQL with My webMethods, see <i>Administering My webMethods Server</i> .
REST transport for CDS cache synchronization	The Common Directory Services component in Integration Server now uses REST calls to synchronize user cache updates between Integration Server and My webMethods Server, instead of Universal Messaging as a JMS provider. REST transport can be used only with a single My webMethods Server instance. Clustered My webMethods Server environments continue using Universal Messaging for Synchronization. For more information, see <i>Administering My webMethods Server</i> .

Deprecated Item	Replacement, if any
The Chart portlet	The CAF Chart Control

Removed Item	Replacement, if any
The distributedEventsEnabled property in the cluster.xml file	You can no longer modify the value of the property to enable or disable the distribution of JMS events between the nodes of a cluster. My webMethods Server now handles this setting automatically, depending on whether the server instance is part of a cluster.

### **Release 10.3**

Removed Item	Replacement, if any
The My webMethods Server embedded database (Derby) is removed.	

Changed Item	Description
The following properties of the Noodle skin for customizing the default color scheme of the My webMethods user interface:	The new default value is #1776BF. The old value was #0899CC.
shadow-background-color/banner	
colors/leftnav1-bg	
colors/titlebar-bg	
colors/login-button-top	
colors/login-button-bottom	
colors/section-group-bg	
colors/button-mini-bg	
colors/button-mini-border-light	
colors/dialog-modeless-border	
colors/nav3-selected-bg	The new default value is #14629F. The old value was #379FC3.

Changed Item	Description
colors/login-button-top-hover	The new default value is #1C8CE3. The old value was #04B2E0.
colors/login-button-bottom-hover	
colors/section-head-bg</name>	The new default value is #1776BF. The old value was #52B7DB.
colors/swap-head-bg	The new default value is #666666. The old value was #eaeaea.
colors/table-msg-bg	The new default value is #CDE6F9. The old value was #D7E9F1.
colors/notify-bg	
colors/notify-border	The new default value is #96CAF3. The old value was #BDDBE9.

## ***Release 10.2***

Added Item	Description
GDPR configuration portlet	

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

Changed Item	Description
mws ping command	The mws ping command now requires Administrator credentials.
My webMethods Server cache configuration	The My webMethods Server cache configuration is enhanced.
My webMethods Server secret key storage	The My webMethods Server secret keys are stored using a passman store.
mws update command	The mws update command now enables you to rename a node in a My webMethods Server cluster.
My webMethods Server migration utility	The migration utility now enables you to rename a node in a My webMethods Server cluster.

## Release 10.1

Added Item	Description
New additional JVM properties to configure secure connection to the Universal Messaging server.	<p>You can use the following additional JVM properties in the <code>custom_wrapper.conf</code> file to configure secure connection to the Universal Messaging server:</p> <ul style="list-style-type: none"><li>- <code>nirvana.ssl.keystore.path</code></li><li>- <code>nirvana.ssl.keystore.pass</code></li><li>- <code>nirvana.ssl.keystore.cert</code></li><li>- <code>nirvana.ssl.truststore.path</code></li><li>- <code>nirvana.ssl.truststore.pass</code></li><li>- <code>nirvana.ssl.protocol</code></li></ul> <p>For more information, see <i>Administering My webMethods Server</i>.</p>
Business Administration node in the installer tree under the My webMethods Server node.	<p>A new node named Business Administration has been added to the installer tree under the My webMethods Server node.</p>
MySQL support for use with Task Engine	<p>For more information about how to use MySQL with My webMethods Server and Task Engine, see <i>Administering My webMethods Server</i>.</p>

Deprecated Item	Replacement, if any
The My webMethods Server embedded database (Derby) is deprecated.	

Changed Item	Description
The font family has been changed to the standard Roboto font.	

## Release 10.0

Added Item	Description
<p>New additional JVM properties to adjust the http client settings.</p>	<p>You can use the following additional JVM properties in the custom_wrapper.conf file to configure connection settings when making web service calls using the Axis SOAP client:</p> <ul style="list-style-type: none"><li>- axisclient.DefaultMaxConnectionsPerHost</li><li>- axisclient.MaxTotalConnections</li></ul> <p>For more information, see <i>Administering My webMethods Server</i>.</p>
<p>New additional JVM properties to configure a user name and password for connecting to Universal Messaging.</p>	<p>You can use the following additional JVM properties in the custom_wrapper.conf file to configure credentials for connecting to Universal Messaging:</p> <ul style="list-style-type: none"><li>- lax.nl.env.PRINCIPAL</li><li>- lax.nl.env.PASSWORD</li></ul>
Removed Item	Replacement, if any
<p>The localControl authentication option is removed from My webMethods Server commands.</p>	<p>The 'mws ping', 'mws import', and 'mws export' commands now require authentication.</p>
<p>Using the database as a JMS provider for My webMethods Server clusters is removed.</p>	<p>Using the My webMethods Server database as a JMS provider for cluster communication is removed. The replacement is using the Universal Messaging server. For more information, see <i>Administering My webMethods Server</i>.</p>
Changed Item	Description
<p>My webMethods users must provide their current password when attempting to change the password.</p>	<p>When updating their profile information, My webMethods users must supply their old password to set a new one. This does not apply to administrative users who change the password of other users.</p>
<p>Automatic reconnection settings for LDAP directory services.</p>	<p>You can enable the automatic reconnection to LDAP for directory services in My webMethods Server, and set a custom amount of time to wait between reconnection attempts.</p>

## Release 9.12

### Added Item

Option to configure universally unique identifier (UUID) for My webMethods Server users accessed through an external user directory service.

### Description

A utility is required to update the universally unique identifier (UUID) for My webMethods Server users accessed through an external user directory service. Additionally, an option is required to remove invalid users from My webMethods Server.

By default, the external directory service configured with My webMethods Server uses distinguished names (DNs) to identify users. In this case, if a user is transferred from one organization unit to another, My webMethods Server cannot recognize that user because of a change in the user's DN. Moreover, My webMethods Server cannot recognize users who are deleted from a directory service or moved in a directory service, and such users are regarded as invalid users.

You can configure My webMethods Server to use UUID, so that users are identified when the DN changes. You can run the `UserDirectory_UpdateUUID` utility to update the UUID for My webMethods Server users accessed through an external user directory service. To remove invalid users, you can run the `Cleanup_InvalidUsers` utility.

For more information about those utilities, see *Administering My webMethods Server* and *My webMethods Server Portlet Reference*.

Expose the Jetty JMX MBeans in the embedded Jetty container.

Enable all of the `org.eclipse.jetty.*` MBeans in the JMX console for My webMethods Server.

### Deprecated Item

Support for Axis 1.x, which is used for exposing web services from My webMethods Server, is deprecated.

Support for webMethods Glue

### Replacement, if any

Deprecated Item	Replacement, if any
Using the database as a JMS provider for My webMethods Server clusters is deprecated.	webMethods Universal Messaging

Changed Item	Description
Improved My webMethods Server logging	The width of log messages is shortened by using an enhanced pattern layout from <code>org.apache.log4j.EnhancedPatternLayout</code> .
My webMethods Server uses Apache Jackrabbit 2.x.	My webMethods Server now uses Apache Jackrabbit 2.x. The previous Apache Jackrabbit version that the server was using is no longer supported and contains security vulnerabilities.

## Release 9.10

Added Item	Description
SAML 2.0 authentication	If you select the Hybrid authentication mode, SAML 2.0 is used by default. To use SAML Artifact Profile, set the <code>wsclient.hybrid.use.samlartifact</code> property to true in the <code>custom_wrapper.conf</code> file in the following My webMethods Server directory: <code>Software AG_directory /profiles/MWS_instanceName/</code> configuration.

Removed Item	Replacement, if any
SOAP Monitor portlet communication port	The SOAP Monitor portlet no longer uses the SOAP Monitor applet that communicated with My webMethods Server over a custom socket. For this reason, the SOAP Monitor portlet communication port (5001 by default) is no longer required or opened. If a My webMethods Administrator has the port open in their firewall, they can remove this configuration.

Changed Item	Description
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. They represent security risks.

Changed Item	Description
Redirecting of URLs	A redirect to a URL starting with // should not be used for a relative redirect URL.

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

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

### ***Release 10.11***

Added API	Description
com.webmethods.caf.faces.url.InMemoryStreamHandler: Class com.webmethods.caf.faces.url.InMemoryStreamHandler added	
com.webmethods.common.thread.ThreadExecutor: Class com.webmethods.common.thread.ThreadExecutor added	
com.webmethods.common.thread.ThreadExecutorFactory: Class com.webmethods.common.thread.ThreadExecutorFactory added	
com.webmethods.portal.framework.presentation.util.ResponseHeaderRulesResolver: Class com.webmethods.portal.framework.presentation.util.ResponseHeaderRulesResolver added	
com.webmethods.portal.service.dir.IPasswordPolicyType: Class com.webmethods.portal.service.dir.IPasswordPolicyType added	
com.webmethods.portal.service.sql.core.CachedSqlWorker: Class com.webmethods.portal.service.sql.core.CachedSqlWorker added	
com.webmethods.portal.service.sql.runtime.oracle.UpdateSequenceUtil: Class com.webmethods.portal.service.sql.runtime.oracle.UpdateSequenceUtil added	
com.webmethods.portal.system.init.dbsync.DBLocation: Class com.webmethods.portal.system.init.dbsync.DBLocation added	
com.webmethods.portal.system.init.dbsync.IDatabaseService: Class com.webmethods.portal.system.init.dbsync.IDatabaseService added	
com.webmethods.portal.system.init.dbsync.IDatabaseSynchronizer: Class com.webmethods.portal.system.init.dbsync.IDatabaseSynchronizer added	
com.webmethods.portal.system.init.dbsync.IModifier: Class com.webmethods.portal.system.init.dbsync.IModifier added	
com.webmethods.portal.system.init.dbsync.ITableMigrator: Class com.webmethods.portal.system.init.dbsync.ITableMigrator added	
com.webmethods.portal.system.init.dbsync.dto.SynchronizableColumn: Class com.webmethods.portal.system.init.dbsync.dto.SynchronizableColumn added	



com.webmethods.portal.system.init.dbsync.dto.SynchronizableColumn\$Builder: Class  
com.webmethods.portal.system.init.dbsync.dto.SynchronizableColumn\$Builder added

com.webmethods.portal.system.init.dbsync.dto.SynchronizableTable: Class  
com.webmethods.portal.system.init.dbsync.dto.SynchronizableTable added

### Removed API

### Replacement, if any

com.webmethods.portal.service.sql.runtime.mysql.SetThingDates: Class  
com.webmethods.portal.service.sql.runtime.mysql.SetThingDates removed

### Changed API

### Description

com.webmethods.caf.faces.config.CafAnnotationProvider: Accessibility of method 'protected void processBundle(org.osgi.framework.Bundle, java.util.Set)' has been decreased from protected to private

com.webmethods.portal.bizPolicy.command.install.InstallComponent: Accessibility of field allowedFileExtensions has been increased from private to protected

com.webmethods.portal.bizPolicy.command.install.SyncAppsFolder: Added protected field deployMap

com.webmethods.portal.bizPolicy.command.install.SyncAppsFolder: Added protected field deployMapFile

com.webmethods.portal.bizPolicy.command.install.SyncAppsFolder: Added protected field m\_workDir

com.webmethods.portal.bizPolicy.command.install.SyncAppsFolder: Accessibility of field allowedFileExtensions has been increased from private to protected

com.webmethods.portal.bizPolicy.command.install.SyncAppsFolder: Removed field containerDeployMap

com.webmethods.portal.bizPolicy.command.install.SyncAppsFolder: Removed field containerDeployMapFile

com.webmethods.portal.bizPolicy.command.install.SyncAppsFolder: Accessibility of method 'protected void checkInstall(java.util.List, java.nio.file.Path, java.util.Map, java.lang.String)' has been decreased from protected to private

com.webmethods.portal.bizPolicy.command.install.SyncAppsFolder: Accessibility of method 'protected void checkUninstall(com.webmethods.portal.bizPolicy.IContext, java.util.List, java.util.Map, java.lang.String)' has been decreased from protected to private

com.webmethods.portal.bizPolicy.command.install.SyncAppsFolder: Method 'public java.util.Set getAllowedFileExtensions()' has been removed

com.webmethods.portal.bizPolicy.command.install.SyncAppsFolder: Method 'public void syncAppsFolder(com.webmethods.portal.bizPolicy.IContext,

com.webmethods.portal.bizPolicy.command.ICommandBean)' has been removed

com.webmethods.portal.bizPolicy.command.install.SyncAppsFolder: Method 'protected void transferToDeployDir(java.io.File)' has been removed

com.webmethods.portal.bizPolicy.command.install.SyncConfigFolder: Field allowedFileExtensions is now non-static

com.webmethods.portal.bizPolicy.command.install.SyncConfigFolder: Accessibility of field allowedFileExtensions has been increased from private to protected

com.webmethods.portal.bizPolicy.command.install.SyncConfigFolder: Method 'public java.util.Set getAllowedFileExtensions()' has been removed

com.webmethods.portal.bizPolicy.command.install.SyncConfigFolder: Method 'public java.lang.Object handle(com.webmethods.portal.bizPolicy.IContext, com.webmethods.portal.bizPolicy.command.ICommandBean)' has been removed, but an inherited definition exists.

com.webmethods.portal.bizPolicy.command.install.SyncConfigFolder: Method 'public void init(com.webmethods.portal.system.IComponentData, java.lang.String)' has been removed, but an inherited definition exists.

com.webmethods.portal.bizPolicy.command.install.SyncConfigFolder: Method 'public void syncConfigsFolder(com.webmethods.portal.bizPolicy.IContext, com.webmethods.portal.bizPolicy.command.ICommandBean)' has been removed

com.webmethods.portal.framework.dispatch.IDispatchHandler: Added public field HANDLE\_SYSADMIN

com.webmethods.portal.framework.mech.install.StartWebApplications: Added public field MWS\_CURRENT\_PHASE

com.webmethods.portal.framework.mech.install.StartWebApplications: Removed field USE\_MULTI\_THREAD\_STARTUP

com.webmethods.portal.framework.mech.install.StartWebApplications: In method 'protected void startWebApplications(com.webmethods.portal.service.view.IListView)' the number of arguments has changed

com.webmethods.portal.framework.session.ISessionHandler: Added public field SESSION\_RESPONSE\_HANDLE\_SYSADMIN

com.webmethods.portal.service.dir.IDirConstants: Added public field CHANGE\_PASS

com.webmethods.portal.service.dir.IDirConstants: Added public field CHANGE\_PASS\_SUCCESS\_ATTR

com.webmethods.portal.service.dir.IDirConstants: Added public field CONFIRM\_PASSWORD\_PARAM

com.webmethods.portal.service.dir.IDirConstants: Added public field IS\_SYSADMIN\_ATTR

com.webmethods.portal.service.dir.IDirConstants: Added public field NEW\_PASSWORD\_PARAM

com.webmethods.portal.service.dir.IDirConstants: Added public field  
PROPERTY\_PASSWORDVALIDUNTIL

com.webmethods.portal.service.dir.IDirConstants: Added public field SKIP\_CHECK\_AUTH\_ATTR

com.webmethods.portal.service.dir.IDirConstants: Added public field SYSADMIN

com.webmethods.portal.service.sql.core.BaseSqlWorker: Method 'public int[]  
executeBatchUpdate(java.lang.String, java.util.List, java.lang.Object[], boolean)' has been added

com.webmethods.portal.service.sql.core.ConnectionInfo: Method 'public void  
setSqlWorkerClass(java.lang.Class)' has been added

com.webmethods.portal.service.sql.core.ConnectionManager: Added public field  
CACHED\_DS\_NAME

com.webmethods.portal.service.sql.core.ConnectionManager: Added public field EXT\_DS\_NAME

com.webmethods.portal.service.sql.runtime.base.GetSqlTime: Added public field NAME

com.webmethods.portal.service.sql.runtime.base.GetSqlTime: Added public field UTC\_TZ

com.webmethods.portal.service.sql.runtime.base.GetTasksVoted: Method 'public void  
setDatabaseRuntime(com.webmethods.portal.service.sql.IDatabaseRuntime)' has been added

com.webmethods.portal.service.sql.runtime.base.GroupAddUpdate: Method 'public java.lang.String  
getPackageName()' has been removed, but an inherited definition exists.

com.webmethods.portal.service.sql.runtime.base.RoleAddUpdate: Method 'public java.lang.String  
getPackageName()' has been removed, but an inherited definition exists.

com.webmethods.portal.service.sql.runtime.base.SetThingDates: Added public field NAME

com.webmethods.portal.service.sql.runtime.base.SetThingDates: Method 'public java.lang.String  
getPackageName()' has been removed, but an inherited definition exists.

com.webmethods.portal.service.sql.runtime.base.SubMatchList: Method 'public void  
setDatabaseRuntime(com.webmethods.portal.service.sql.IDatabaseRuntime)' has been added

com.webmethods.portal.service.sql.runtime.base.SubNew: Method 'public java.lang.String  
getPackageName()' has been removed, but an inherited definition exists.

com.webmethods.portal.service.sql.runtime.base.TaskAllAttachments: Added  
com.webmethods.portal.service.sql.runtime.base.BPMTaskProcedure to the list of superclasses

com.webmethods.portal.service.sql.runtime.base.TaskAllAttachmentsCount: Added  
com.webmethods.portal.service.sql.runtime.base.BPMTaskProcedure to the list of superclasses

com.webmethods.portal.service.sql.runtime.base.TaskAllAttachmentsCount: Field QUERY\_2 has been  
removed, but it was previously a constant

com.webmethods.portal.service.sql.runtime.base.TaskAllAttachmentsCount: Field QUERY\_3 has been  
removed, but it was previously a constant

com.webmethods.portal.service.sql.runtime.base.TaskComments: Added  
com.webmethods.portal.service.sql.runtime.base.BPMTaskProcedure to the list of superclasses

com.webmethods.portal.service.sql.runtime.base.TaskComments: Field QUERY\_2 has been removed, but it was previously a constant

com.webmethods.portal.service.sql.runtime.base.TaskComments: Field QUERY\_3 has been removed, but it was previously a constant

com.webmethods.portal.service.sql.runtime.base.TaskCommentsCount: Added  
com.webmethods.portal.service.sql.runtime.base.BPMTaskProcedure to the list of superclasses

com.webmethods.portal.service.sql.runtime.base.TaskCommentsCount: Field QUERY\_2 has been removed, but it was previously a constant

com.webmethods.portal.service.sql.runtime.base.TaskCommentsProcess: Added  
com.webmethods.portal.service.sql.runtime.base.BPMTaskProcedure to the list of superclasses

com.webmethods.portal.service.sql.runtime.base.TaskCommentsProcess: Field QUERY\_2 has been removed, but it was previously a constant

com.webmethods.portal.service.sql.runtime.base.TaskCommentsProcess: Field QUERY\_3 has been removed, but it was previously a constant

com.webmethods.portal.service.sql.runtime.base.TaskListFromInboxes: Added  
com.webmethods.portal.service.sql.runtime.base.BPMTaskProcedure to the list of superclasses

com.webmethods.portal.service.sql.runtime.base.TaskSearchFromInboxesPaged: Method 'protected void generateSqlByTerm(int, java.util.Map, com.webmethods.portal.service.task.TaskSearchQueryTerm, com.webmethods.portal.service.sql.runtime.base.TaskSearchAll\$QueryInfo)' has been removed, but an inherited definition exists.

com.webmethods.portal.service.sql.runtime.base.TypeLoad: Method 'public java.lang.String getPackageName()' has been removed, but an inherited definition exists.

com.webmethods.portal.service.sql.runtime.base.UserAddUpdate: Method 'public java.lang.String getPackageName()' has been removed, but an inherited definition exists.

com.webmethods.portal.service.sql.runtime.base.UserGroupAdd: Method 'public java.lang.String getPackageName()' has been removed, but an inherited definition exists.

com.webmethods.portal.service.sql.runtime.base.UserRoleAdd: Method 'public java.lang.String getPackageName()' has been removed, but an inherited definition exists.

com.webmethods.portal.service.sql.runtime.mysql.TaskAllAttachments: Added  
com.webmethods.portal.service.sql.runtime.base.BPMTaskProcedure to the list of superclasses

com.webmethods.portal.service.sql.runtime.mysql.TaskAllAttachmentsCount: Added  
com.webmethods.portal.service.sql.runtime.base.BPMTaskProcedure to the list of superclasses

com.webmethods.portal.service.sql.runtime.mysql.TaskAllAttachmentsCount: Field QUERY\_2 has been removed, but it was previously a constant

com.webmethods.portal.service.sql.runtime.mysql.TaskAllAttachmentsCount: Field QUERY\_3 has been removed, but it was previously a constant

com.webmethods.portal.service.sql.runtime.mysql.TaskComments: Added  
 com.webmethods.portal.service.sql.runtime.base.BPMTaskProcedure to the list of superclasses

com.webmethods.portal.service.sql.runtime.mysql.TaskComments: Field QUERY\_2 has been removed,  
 but it was previously a constant

com.webmethods.portal.service.sql.runtime.mysql.TaskComments: Field QUERY\_3 has been removed,  
 but it was previously a constant

com.webmethods.portal.service.sql.runtime.mysql.TaskCommentsCount: Added  
 com.webmethods.portal.service.sql.runtime.base.BPMTaskProcedure to the list of superclasses

com.webmethods.portal.service.sql.runtime.mysql.TaskCommentsCount: Field QUERY\_2 has been  
 removed, but it was previously a constant

com.webmethods.portal.service.sql.runtime.mysql.TaskCommentsProcess: Added  
 com.webmethods.portal.service.sql.runtime.base.BPMTaskProcedure to the list of superclasses

com.webmethods.portal.service.sql.runtime.mysql.TaskCommentsProcess: Field QUERY\_2 has been  
 removed, but it was previously a constant

com.webmethods.portal.service.sql.runtime.mysql.TaskCommentsProcess: Field QUERY\_3 has been  
 removed, but it was previously a constant

com.webmethods.portal.service.sql.runtime.oracle.SubNew: Method 'public java.lang.String  
 getPackageName()' has been removed, but an inherited definition exists.

com.webmethods.portal.service.sql.runtime.oracle.ThingDestroy: Method 'public java.lang.String  
 getPackageName()' has been removed, but an inherited definition exists.

com.webmethods.portal.service.sql.runtime.oracle.UpdateThingCounter: Method 'public  
 java.lang.String getPackageName()' has been removed, but an inherited definition exists.

com.webmethods.portal.system.PortalSystem: Added public field IN\_MEMORY\_INIT\_MODE

com.webmethods.portal.system.boot.PortalBootManager: Method 'public java.lang.Boolean  
 isInMemoryInit()' has been added

com.webmethods.portal.webapp.jetty7.WebXMLRewriter: Accessibility of field  
 FIX\_BUNDLE\_WEB\_XML has been increased from package to public

## **Release 10.7**

### **Added API**

### **Description**

com.webmethods.caf.common.logging.dir.DirectoryLoggingConstants: Class  
 com.webmethods.caf.common.logging.dir.DirectoryLoggingConstants added

com.webmethods.caf.common.parse.xml.DateFormatter: Method 'public void main(java.lang.String[])'  
 has been removed

com.webmethods.caf.portalclient.task.task.RecalculationStatus: Class  
 com.webmethods.caf.portalclient.task.task.RecalculationStatus added

com.webmethods.caf.server.remote.rpcws.encoding.ObjectSerializer: Class  
com.webmethods.caf.server.remote.rpcws.encoding.ObjectSerializer added

com.webmethods.portal.bizPolicy.command.install.SyncAppsFolder: Class  
com.webmethods.portal.bizPolicy.command.install.SyncAppsFolder added

com.webmethods.portal.bizPolicy.command.install.SyncConfigFolder: Class  
com.webmethods.portal.bizPolicy.command.install.SyncConfigFolder added

com.webmethods.portal.bizPolicy.command.jcr.RepositoryConfigImpl: Class  
com.webmethods.portal.bizPolicy.command.jcr.RepositoryConfigImpl added

com.webmethods.portal.bizPolicy.command.jcr.RepositoryInitializer: Class  
com.webmethods.portal.bizPolicy.command.jcr.RepositoryInitializer added

com.webmethods.portal.bizPolicy.command.jcr.RepositoryInitializer\$Factory: Class  
com.webmethods.portal.bizPolicy.command.jcr.RepositoryInitializer\$Factory added

com.webmethods.portal.bizPolicy.command.task.GetRecalculationStatus: Class  
com.webmethods.portal.bizPolicy.command.task.GetRecalculationStatus added

com.webmethods.portal.bizPolicy.command.task.GetRecalculationStatus\$GetRecalculationStatusCommandBean: Class  
com.webmethods.portal.bizPolicy.command.task.GetRecalculationStatus\$GetRecalculationStatusCommandBean added

com.webmethods.portal.bizPolicy.command.task.StartVoteRecalculation: Class  
com.webmethods.portal.bizPolicy.command.task.StartVoteRecalculation added

com.webmethods.portal.bizPolicy.command.task.StartVoteRecalculation\$StartVoteRecalculationCommandBean: Class  
com.webmethods.portal.bizPolicy.command.task.StartVoteRecalculation\$StartVoteRecalculationCommandBean added

com.webmethods.portal.bizPolicy.command.task.StopVoteRecalculation: Class  
com.webmethods.portal.bizPolicy.command.task.StopVoteRecalculation added

com.webmethods.portal.bizPolicy.command.task.StopVoteRecalculation\$StopVoteRecalculationCommandBean: Class  
com.webmethods.portal.bizPolicy.command.task.StopVoteRecalculation\$StopVoteRecalculationCommandBean added

com.webmethods.portal.bizPolicy.command.task.VoteTask: Class  
com.webmethods.portal.bizPolicy.command.task.VoteTask added

com.webmethods.portal.bizPolicy.command.task.VoteTask\$VoteTaskCommandBean: Class  
com.webmethods.portal.bizPolicy.command.task.VoteTask\$VoteTaskCommandBean added

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

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

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

com.webmethods.portal.bizPolicy.command.task.webservice.GetRecalculationStatusWS: Class  
com.webmethods.portal.bizPolicy.command.task.webservice.GetRecalculationStatusWS added

com.webmethods.portal.bizPolicy.command.task.webservice.GetRecalculationStatusWS\$GetRecalculationStatusCommandBean: Class  
com.webmethods.portal.bizPolicy.command.task.webservice.GetRecalculationStatusWS\$GetRecalculationStatusCommandBean added

com.webmethods.portal.bizPolicy.command.task.webservice.StartVoteRecalculationWS: Class  
com.webmethods.portal.bizPolicy.command.task.webservice.StartVoteRecalculationWS added

com.webmethods.portal.bizPolicy.command.task.webservice.StartVoteRecalculationWS\$StartVoteRecalculationCommandBean: Class  
com.webmethods.portal.bizPolicy.command.task.webservice.StartVoteRecalculationWS\$StartVoteRecalculationCommandBean added

com.webmethods.portal.bizPolicy.command.task.webservice.StopVoteRecalculationWS: Class  
com.webmethods.portal.bizPolicy.command.task.webservice.StopVoteRecalculationWS added

com.webmethods.portal.bizPolicy.command.task.webservice.StopVoteRecalculationWS\$StopVoteRecalculationCommandBean: Class  
com.webmethods.portal.bizPolicy.command.task.webservice.StopVoteRecalculationWS\$StopVoteRecalculationCommandBean added

com.webmethods.portal.bizPolicy.command.task.webservice.VoteTaskWS: Class  
com.webmethods.portal.bizPolicy.command.task.webservice.VoteTaskWS added

com.webmethods.portal.bizPolicy.command.task.webservice.VoteTaskWS\$VoteTaskCommandBean: Class  
com.webmethods.portal.bizPolicy.command.task.webservice.VoteTaskWS\$VoteTaskCommandBean added

com.webmethods.portal.bizPolicy.command.task.webservice.dotnet.GetRecalculationStatusDotNetWS: Class  
com.webmethods.portal.bizPolicy.command.task.webservice.dotnet.GetRecalculationStatusDotNetWS added

com.webmethods.portal.bizPolicy.upgrade.TaskEngineConfigPortletMigrator: Class  
com.webmethods.portal.bizPolicy.upgrade.TaskEngineConfigPortletMigrator added

com.webmethods.portal.framework.auth.totp.ITOTPAuthenticator: Class  
com.webmethods.portal.framework.auth.totp.ITOTPAuthenticator added

com.webmethods.portal.framework.auth.totp.ITOTPAuthenticatorKey: Class  
com.webmethods.portal.framework.auth.totp.ITOTPAuthenticatorKey added

com.webmethods.portal.framework.auth.totp.ITOTPConfigService: Class  
com.webmethods.portal.framework.auth.totp.ITOTPConfigService added

com.webmethods.portal.framework.auth.totp.ITOTPConfiguration: Class  
com.webmethods.portal.framework.auth.totp.ITOTPConfiguration added

com.webmethods.portal.mech.install.util.InstallMechanicsUtils: Class  
com.webmethods.portal.mech.install.util.InstallMechanicsUtils added

com.webmethods.portal.service.dir.PrincipalSortComparator: Class  
com.webmethods.portal.service.dir.PrincipalSortComparator added

com.webmethods.portal.service.dir.TotpAuthenticationException: Class  
com.webmethods.portal.service.dir.TotpAuthenticationException added

com.webmethods.portal.service.dir.calendar.ICalendarAdminConfig: Class  
com.webmethods.portal.service.dir.calendar.ICalendarAdminConfig added

com.webmethods.portal.service.dir.calendar.ICalendarAdminConfigService: Class  
com.webmethods.portal.service.dir.calendar.ICalendarAdminConfigService added

com.webmethods.portal.service.dir.gdpr.IGdprConfig: Class  
com.webmethods.portal.service.dir.gdpr.IGdprConfig added

com.webmethods.portal.service.dir.gdpr.IGdprConfig\$DataInclusionType: Class  
com.webmethods.portal.service.dir.gdpr.IGdprConfig\$DataInclusionType added

com.webmethods.portal.service.dir.gdpr.IGdprConfigService: Class  
com.webmethods.portal.service.dir.gdpr.IGdprConfigService added

com.webmethods.portal.service.dir.gdpr.IGdprNotification: Class  
com.webmethods.portal.service.dir.gdpr.IGdprNotification added

com.webmethods.portal.service.dir.gdpr.IGdprReconfigure: Class  
com.webmethods.portal.service.dir.gdpr.IGdprReconfigure added

com.webmethods.portal.service.sql.IConnectionManager: Class  
com.webmethods.portal.service.sql.IConnectionManager added

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

com.webmethods.portal.service.sql.runtime.db2.AddKeywordToApp: Class  
com.webmethods.portal.service.sql.runtime.db2.AddKeywordToApp added

com.webmethods.portal.service.sql.runtime.oracle.AddKeywordToApp: Class  
com.webmethods.portal.service.sql.runtime.oracle.AddKeywordToApp added

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

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

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



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

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

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

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

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

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

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

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

com.webmethods.portal.system.lock.ClusterLockFailedException: Class  
com.webmethods.portal.system.lock.ClusterLockFailedException added

com.webmethods.portal.webapp.jetty7.MwsLoginService\$MwsUserStore: Class  
com.webmethods.portal.webapp.jetty7.MwsLoginService\$MwsUserStore added

com.webmethods.portal.webapp.jetty7.MwsSession: Class  
com.webmethods.portal.webapp.jetty7.MwsSession added

com.webmethods.portal.webapp.jetty7.MwsSessionCache: Class  
com.webmethods.portal.webapp.jetty7.MwsSessionCache added

com.webmethods.rtl.container.ContainerMetaInfo: Class  
com.webmethods.rtl.container.ContainerMetaInfo added

com.webmethods.rtl.container.health.HealthCheck: Class  
com.webmethods.rtl.container.health.HealthCheck added

com.webmethods.rtl.container.health.HealthCheckConfigProvider: Class  
com.webmethods.rtl.container.health.HealthCheckConfigProvider added

com.webmethods.rtl.container.health.IHealthIndicator: Class  
com.webmethods.rtl.container.health.IHealthIndicator added

com.webmethods.rtl.container.health.IHealthIndicator\$HealthStatus: Class  
com.webmethods.rtl.container.health.IHealthIndicator\$HealthStatus added

com.webmethods.rtl.container.health.IHealthIndicatorConfig: Class

com.webmethods.rtl.container.health.IHealthIndicatorConfig added  
com.webmethods.rtl.container.health.config.BaseHealthIndicatorConfig: Class  
com.webmethods.rtl.container.health.config.BaseHealthIndicatorConfig added  
com.webmethods.rtl.container.health.config.DiskspaceHealthIndicatorConfig: Class  
com.webmethods.rtl.container.health.config.DiskspaceHealthIndicatorConfig added  
com.webmethods.rtl.container.health.config.JettyThreadHealthIndicatorConfig: Class  
com.webmethods.rtl.container.health.config.JettyThreadHealthIndicatorConfig added  
com.webmethods.rtl.container.health.config.MemoryHealthIndicatorConfig: Class  
com.webmethods.rtl.container.health.config.MemoryHealthIndicatorConfig added  
com.webmethods.rtl.container.health.indicator.AXSRFTGenerationHealthIndicator: Class  
com.webmethods.rtl.container.health.indicator.AXSRFTGenerationHealthIndicator added  
com.webmethods.rtl.container.health.indicator.BaseHealthIndicator: Class  
com.webmethods.rtl.container.health.indicator.BaseHealthIndicator added  
com.webmethods.rtl.container.health.indicator.CustomDataSourceHealthIndicator: Class  
com.webmethods.rtl.container.health.indicator.CustomDataSourceHealthIndicator added  
com.webmethods.rtl.container.health.indicator.DatabaseConnectivityHealthIndicator: Class  
com.webmethods.rtl.container.health.indicator.DatabaseConnectivityHealthIndicator added  
com.webmethods.rtl.container.health.indicator.DirServiceConnectivityHealthIndicator: Class  
com.webmethods.rtl.container.health.indicator.DirServiceConnectivityHealthIndicator added  
com.webmethods.rtl.container.health.indicator.DiskspaceHealthIndicator: Class  
com.webmethods.rtl.container.health.indicator.DiskspaceHealthIndicator added  
com.webmethods.rtl.container.health.indicator.JettyThreadHealthIndicator: Class  
com.webmethods.rtl.container.health.indicator.JettyThreadHealthIndicator added  
com.webmethods.rtl.container.health.indicator.MemoryHealthIndicator: Class  
com.webmethods.rtl.container.health.indicator.MemoryHealthIndicator added  
com.webmethods.rtl.container.health.indicator.ProcessEngineConnectivityHealthIndicator: Class  
com.webmethods.rtl.container.health.indicator.ProcessEngineConnectivityHealthIndicator added  
com.webmethods.rtl.container.health.indicator.RulesEngineConnectivityHealthIndicator: Class  
com.webmethods.rtl.container.health.indicator.RulesEngineConnectivityHealthIndicator added  
com.webmethods.rtl.container.health.indicator.UmConnectionHealthIndicator: Class  
com.webmethods.rtl.container.health.indicator.UmConnectionHealthIndicator added  
com.webmethods.rtl.container.metrics.PrometheusMetrics: Class  
com.webmethods.rtl.container.metrics.PrometheusMetrics added  
com.webmethods.rtl.util.NoodleUtil: Class com.webmethods.rtl.util.NoodleUtil added  
com.webmethods.rtl.util.RuntimeUtil: Class com.webmethods.rtl.util.RuntimeUtil removed  
com.webmethods.rtl.util.runtime.RuntimeUtil: Class com.webmethods.rtl.util.runtime.RuntimeUtil

added

## Changed API

## Description

com.webmethods.bpm.noodle.IUserTabSetService: Method 'public boolean isTabExists(java.lang.String)' has been added to an interface

com.webmethods.caf.common.SafeXMLLayout: Added org.apache.logging.log4j.core.impl.LocationAware to the set of implemented interfaces

com.webmethods.caf.common.logging.LoggingConstants: Added public field LOG\_CATEGORY\_DIRECTORY

com.webmethods.caf.common.logging.LoggingUtils: Method 'public org.slf4j.Logger getLogger(java.lang.Class, java.lang.String[])' has been added

com.webmethods.caf.faces.data.attachments.LocalTempAttachmentsProvider\$FileItemImpl: Removed java.io.Serializable from the set of implemented interfaces

com.webmethods.caf.faces.data.attachments.PortalAttachmentItem\$PortalContentFileItem: Removed java.io.Serializable from the set of implemented interfaces

com.webmethods.caf.faces.data.attachments.TempAttachmentsProvider\$TempThingFileItem: Removed java.io.Serializable from the set of implemented interfaces

com.webmethods.caf.faces.data.attachments.URLFileItem: Removed java.io.Serializable from the set of implemented interfaces

com.webmethods.caf.faces.servlet.FileItemWrapper: Removed java.io.Serializable from the set of implemented interfaces

com.webmethods.caf.faces.servlet.MultipartWrapper: Method 'public MultipartWrapper()' has been added

com.webmethods.caf.jcr.faces.data.JcrAttachmentsProvider\$JcrFileItem: Removed java.io.Serializable from the set of implemented interfaces

com.webmethods.caf.jcr.faces.util.PropertyHelper: Method 'public java.lang.String encodeNodeName(java.lang.String)' has been added

com.webmethods.caf.mobile.notify.task.NotificationSender: Parameter 2 of 'public NotificationSender(java.util.concurrent.BlockingQueue, com.sun.jersey.api.client.WebResource\$Builder, java.lang.String, java.lang.String, com.sun.jersey.api.client.Client, com.webmethods.pushNotification.apns.connection.pool.APNSConnectionProvider, com.webmethods.caf.mobile.notify.impl.AppleMessagingCloudConnectionDetails)' has changed its type to javax.ws.rs.client.Invocation\$Builder

com.webmethods.caf.mobile.notify.task.NotificationSender: Parameter 5 of 'public NotificationSender(java.util.concurrent.BlockingQueue, com.sun.jersey.api.client.WebResource\$Builder, java.lang.String, java.lang.String, com.sun.jersey.api.client.Client, com.webmethods.pushNotification.apns.connection.pool.APNSConnectionProvider,

com.webmethods.caf.mobile.notify.impl.AppleMessagingCloudConnectionDetails)' has changed its type to javax.ws.rs.client.Client

com.webmethods.caf.portalclient.task.PCTaskHelper: Method 'public com.webmethods.caf.portalclient.task.task.RecalculationStatus getRecalculationStatus(java.lang.String)' has been added

com.webmethods.caf.portalclient.task.PCTaskHelper: Method 'public void startVoteRecalculation(java.lang.String, java.lang.String)' has been added

com.webmethods.caf.portalclient.task.PCTaskHelper: Method 'public void stopVoteRecalculation(java.lang.String, java.lang.String)' has been added

com.webmethods.caf.portalclient.task.PCTaskHelper: Method 'public void voteTask(java.lang.String, java.lang.String, java.lang.String)' has been added

com.webmethods.caf.portalclient.task.task.ItaskPortType: Method 'public com.webmethods.caf.portalclient.task.task.RecalculationStatus getRecalculationStatus(java.lang.String)' has been added to an interface

com.webmethods.caf.portalclient.task.task.ItaskPortType: Method 'public void startVoteRecalculation(java.lang.String, java.lang.String)' has been added to an interface

com.webmethods.caf.portalclient.task.task.ItaskPortType: Method 'public void stopVoteRecalculation(java.lang.String, java.lang.String)' has been added to an interface

com.webmethods.caf.portalclient.task.task.ItaskPortType: Method 'public void voteTask(java.lang.String, java.lang.String, java.lang.String)' has been added to an interface

com.webmethods.caf.portalclient.task.task.TaskSearchQuery: Added public field activeVoting

com.webmethods.caf.portalclient.task.task.TaskSearchQuery: Method 'public boolean isActiveVoting()' has been added

com.webmethods.caf.portalclient.task.task.TaskSearchQuery: Method 'public void setActiveVoting(boolean)' has been added

com.webmethods.management.jmx.Log4JMXAppender: Added org.apache.logging.log4j.core.impl.LocationAware to the set of implemented interfaces

com.webmethods.portal.bizPolicy.biz.task.ITaskBizPolicy: Method 'public com.webmethods.portal.service.task.RecalculationStatus getRecalculationStatus(com.webmethods.portal.bizPolicy.IContext, java.lang.String)' has been added to an interface

com.webmethods.portal.bizPolicy.biz.task.ITaskBizPolicy: Method 'public void startVoteRecalculation(com.webmethods.portal.bizPolicy.IContext, java.lang.String)' has been added to an interface

com.webmethods.portal.bizPolicy.biz.task.ITaskBizPolicy: Method 'public void stopVoteRecalculation(com.webmethods.portal.bizPolicy.IContext, java.lang.String)' has been added to an interface

com.webmethods.portal.bizPolicy.biz.task.ITaskBizPolicy: Method 'public void voteTask(com.webmethods.portal.bizPolicy.IContext, java.lang.String, java.lang.String, java.lang.String)' has been added to an interface

com.webmethods.portal.bizPolicy.command.dir.AuthenticateUser: Method 'protected com.webmethods.portal.service.dir.IDirUser \_authenticateUser(com.webmethods.portal.bizPolicy.IContext, com.webmethods.portal.mech.dir.IDirSystemMechanics, java.lang.String, java.lang.String, java.lang.String)' has been added

com.webmethods.portal.bizPolicy.command.dir.AuthenticateUser: Method 'public com.webmethods.portal.service.dir.IDirUser authenticateUser(com.webmethods.portal.bizPolicy.IContext, java.lang.String, java.lang.String, java.lang.String)' has been added

com.webmethods.portal.bizPolicy.command.dir.AuthenticateUser: Method 'public com.webmethods.portal.service.dir.IDirUser authenticateUser(com.webmethods.portal.bizPolicy.IContext, java.lang.String, java.lang.String, java.lang.String, boolean)' has been added

com.webmethods.portal.bizPolicy.command.dir.AuthenticateUser: Method 'protected void handleTotpFailed(java.lang.String)' has been added

com.webmethods.portal.bizPolicy.command.dir.rs.RoleJaxbContentResolver: Return type of method 'public javax.xml.bind.JAXBContext getContext(java.lang.Class)' has been changed to com.fasterxml.jackson.databind.ObjectMapper

com.webmethods.portal.bizPolicy.command.rest.MWSCustomDispatchProvider: Removed com.sun.jersey.spi.container.ResourceMethodDispatchProvider from the set of implemented interfaces

com.webmethods.portal.bizPolicy.command.rest.MWSCustomDispatchProvider: Method 'public MWSCustomDispatchProvider(com.sun.jersey.spi.container.ResourceMethodDispatchProvider)' has been removed

com.webmethods.portal.bizPolicy.command.rest.MWSCustomDispatchProvider: Method 'public com.sun.jersey.spi.dispatch.RequestDispatcher create(com.sun.jersey.api.model.AbstractResourceMethod)' has been removed

com.webmethods.portal.bizPolicy.command.rest.MWSRequestDispatcher: Removed com.sun.jersey.spi.dispatch.RequestDispatcher from the set of implemented interfaces

com.webmethods.portal.bizPolicy.command.rest.MWSRequestDispatcher: In method 'public MWSRequestDispatcher(com.sun.jersey.spi.dispatch.RequestDispatcher)' the number of arguments has changed

com.webmethods.portal.bizPolicy.command.rest.MWSRequestDispatcher: Method 'public void dispatch(java.lang.Object, com.sun.jersey.api.core.HttpContext)' has been removed

com.webmethods.portal.bizPolicy.command.task.jms.api.TaskCommandJMS: Added public field GET\_RECALCULATION\_STATUS

com.webmethods.portal.bizPolicy.command.task.jms.api.TaskCommandJMS: Added public field

## VOTE\_TASK

com.webmethods.portal.bizPolicy.command.task.rs.BaseTaskResource: Added  
com.webmethods.portal.bizPolicy.command.impl.rs.BaseRestResource to the list of superclasses

com.webmethods.portal.bizPolicy.command.task.rs.BaseTaskResource: Method 'public  
javax.ws.rs.core.Response buildResponse(java.lang.String, java.lang.Object)' is now implemented in  
superclass com.webmethods.portal.bizPolicy.command.impl.rs.BaseRestResource

com.webmethods.portal.bizPolicy.command.task.rs.BaseTaskResource: Method 'public  
javax.ws.rs.core.Response buildResponse()' is now implemented in superclass  
com.webmethods.portal.bizPolicy.command.impl.rs.BaseRestResource

com.webmethods.portal.bizPolicy.command.task.rs.BaseTaskResource: Method 'public java.util.Map  
convertPropertyValues(java.lang.String[], java.util.Map)' is now implemented in superclass  
com.webmethods.portal.bizPolicy.command.impl.rs.BaseRestResource

com.webmethods.portal.bizPolicy.command.task.rs.BaseTaskResource: Method 'protected  
com.webmethods.portal.bizPolicy.command.ICommand  
getCommand(com.webmethods.portal.bizPolicy.IContext, java.lang.String)' is now implemented in  
superclass com.webmethods.portal.bizPolicy.command.impl.rs.BaseRestResource

com.webmethods.portal.bizPolicy.command.task.rs.BaseTaskResource: Method 'public java.lang.String  
getStringValue(java.lang.Object)' is now implemented in superclass  
com.webmethods.portal.bizPolicy.command.impl.rs.BaseRestResource

com.webmethods.portal.bizPolicy.command.task.rs.BaseTaskResource: Method 'public java.lang.String  
getSupportedMediaType(java.lang.String)' is now implemented in superclass  
com.webmethods.portal.bizPolicy.command.impl.rs.BaseRestResource

com.webmethods.portal.bizPolicy.command.task.rs.BaseTaskResource: Method 'public  
java.lang.Object invoke(javax.servlet.http.HttpServletRequest, java.lang.String, java.lang.String[])' is  
now implemented in superclass com.webmethods.portal.bizPolicy.command.impl.rs.BaseRestResource

com.webmethods.portal.bizPolicy.command.task.rs.BaseTaskResource: Method 'public  
java.lang.Object invoke(javax.servlet.http.HttpServletRequest, java.lang.String,  
com.webmethods.portal.bizPolicy.command.impl.CommandBean)' is now implemented in superclass  
com.webmethods.portal.bizPolicy.command.impl.rs.BaseRestResource

com.webmethods.portal.bizPolicy.command.task.rs.JAXBContextResolver: Return type of method  
'public javax.xml.bind.JAXBContext getContext(java.lang.Class)' has been changed to  
com.fasterxml.jackson.databind.ObjectMapper

com.webmethods.portal.bizPolicy.command.task.rs.LayeredProductVerionResource: Added  
com.webmethods.portal.bizPolicy.command.impl.rs.BaseRestResource to the list of superclasses

com.webmethods.portal.bizPolicy.command.task.rs.SearchTaskResource: Added  
com.webmethods.portal.bizPolicy.command.impl.rs.BaseRestResource to the list of superclasses

com.webmethods.portal.bizPolicy.command.task.rs.TaskAttachmentResource: Added  
com.webmethods.portal.bizPolicy.command.impl.rs.BaseRestResource to the list of superclasses

com.webmethods.portal.bizPolicy.command.task.rs.TaskAuditResource: Added  
com.webmethods.portal.bizPolicy.command.impl.rs.BaseRestResource to the list of superclasses

com.webmethods.portal.bizPolicy.command.task.rs.TaskCommentResource: Added  
com.webmethods.portal.bizPolicy.command.impl.rs.BaseRestResource to the list of superclasses

com.webmethods.portal.bizPolicy.command.task.rs.TaskResource: Added  
com.webmethods.portal.bizPolicy.command.impl.rs.BaseRestResource to the list of superclasses

com.webmethods.portal.bizPolicy.command.task.webservice.FileItemRESTImpl: Removed  
java.io.Serializable from the set of implemented interfaces

com.webmethods.portal.framework.session.handlers.Validate: Method 'protected  
com.webmethods.portal.service.dir.IDirUser  
authenticateUser(com.webmethods.portal.bizPolicy.IContext, java.lang.String, java.lang.String,  
java.lang.String)' has been added

com.webmethods.portal.noodle.util.NoodleUtils: Added com.webmethods.rtl.util.NoodleUtil to the list  
of superclasses

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public boolean  
canUser(com.webmethods.portal.system.IURI, java.lang.String)' is now implemented in superclass  
com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public boolean  
canUser(com.webmethods.portal.bizPolicy.IContext, com.webmethods.portal.system.IURI,  
java.lang.String)' is now implemented in superclass com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public boolean canUser(java.lang.String,  
java.lang.String)' is now implemented in superclass com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public  
com.webmethods.portal.service.meta2.thing.IThingID  
createObjectInFolder(com.webmethods.portal.service.meta2.thing.IThingID, java.lang.String,  
java.lang.String, java.util.Map, java.lang.String)' is now implemented in superclass  
com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public java.lang.String  
encodePath(java.lang.String)' is now implemented in superclass com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public  
com.webmethods.portal.bizPolicy.biz.meta.IBasicPolicy getBasicPolicy()' is now implemented in  
superclass com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public  
com.webmethods.portal.bizPolicy.command.ICommandManager getCommandManager()' is now  
implemented in superclass com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public  
com.webmethods.portal.mech.storage.IContainerMechanics  
getContainerMech(com.webmethods.portal.service.meta2.thing.IThingID)' is now implemented in  
superclass com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public com.webmethods.portal.bizPolicy.biz.meta.IContainerPolicy getContainerPolicy(com.webmethods.portal.service.meta2.thing.IThingID)' is now implemented in superclass com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public com.webmethods.portal.bizPolicy.IContext getCurrentContext()' is now implemented in superclass com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public com.webmethods.portal.service.meta2.thing.IThingID getCurrentUser()' is now implemented in superclass com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public java.lang.String getCurrentUserID()' is now implemented in superclass com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public com.webmethods.portal.service.meta2.thing.IThingID getDirPrincipalThingId(com.webmethods.portal.bizPolicy.IContext, java.lang.String)' is now implemented in superclass com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public com.webmethods.portal.service.meta2.thing.IThingID getFolder(com.webmethods.portal.service.meta2.thing.IThingID, java.lang.String, boolean, java.lang.String)' is now implemented in superclass com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public java.lang.String getFriendlyURL(com.webmethods.portal.system.IURI)' is now implemented in superclass com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public javax.jcr.Session getJcrSession()' is now implemented in superclass com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public com.webmethods.caf.jcr.faces.bean.RepositorySessionManager getJcrSessionManager()' is now implemented in superclass com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public javax.jcr.Node getOrCreateChildNode(javax.jcr.Session, javax.jcr.Node, java.lang.String, boolean, java.lang.String)' is now implemented in superclass com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public com.webmethods.portal.service.meta2.thing.IThingID getPrimaryChild(com.webmethods.portal.service.meta2.thing.IThingID, java.lang.String)' is now implemented in superclass com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public com.webmethods.portal.service.meta2.thing.IThingID getPrincipalThingID(com.webmethods.portal.bizPolicy.IContext, java.lang.String)' is now implemented in superclass com.webmethods.rtl.util.NoodleUtil



com.webmethods.portal.noodle.util.NoodleUtils: Method 'public com.webmethods.portal.service.view.IListView getSortedChildren(com.webmethods.portal.service.meta2.thing.IThingID)' is now implemented in superclass com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public com.webmethods.portal.system.IURI getUriForID(java.lang.String)' is now implemented in superclass com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public com.webmethods.portal.service.meta2.thing.IThingID getUserHomeFolder(java.lang.String)' is now implemented in superclass com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public com.webmethods.portal.service.view.IView getView(com.webmethods.portal.system.IURI)' is now implemented in superclass com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public com.webmethods.portal.service.view.IView getView(java.lang.String)' is now implemented in superclass com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public java.lang.String getXTypeName(com.webmethods.portal.service.meta2.thing.IThingID)' is now implemented in superclass com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public java.lang.String makeUniqueName(javax.jcr.Node, java.lang.String)' is now implemented in superclass com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.noodle.util.NoodleUtils: Method 'public java.lang.String makeUniqueName(com.webmethods.portal.service.meta2.thing.IThingID, java.lang.String)' is now implemented in superclass com.webmethods.rtl.util.NoodleUtil

com.webmethods.portal.service.access.IAclManager\$AcePropertyDescriptor: Added protected field uri

com.webmethods.portal.service.access.IAclManager\$AcePropertyDescriptor: Method 'public com.webmethods.portal.system.IURI getUri()' has been added

com.webmethods.portal.service.access.IAclManager\$AcePropertyDescriptor: Method 'public void setUri(com.webmethods.portal.system.IURI)' has been added

com.webmethods.portal.service.dir.IDirConstants: Added public field TOTP\_ADMIN\_ALIAS

com.webmethods.portal.service.dir.IDirConstants: Added public field TOTP\_AUTH

com.webmethods.portal.service.dir.IDirConstants: Added public field TOTP\_CATEGORY

com.webmethods.portal.service.dir.IDirConstants: Added public field TOTP\_CREDENTIALS

com.webmethods.portal.service.dir.IDirConstants: Added public field TOTP\_PREFIX

com.webmethods.portal.service.dir.IDirConstants: Added public field TOTP\_SERVICE\_TOKEN

com.webmethods.portal.service.dir.IDirConstants: Added public field TOTP\_TOKEN\_NAME

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

[clirr] INFO: com.webmethods.portal.service.sql.IConnectionInfo: Added public field DEFAULT\_RETRY\_COUNT

com.webmethods.portal.service.sql.IConnectionInfo: Added public field DEFAULT\_RETRY\_DELAY

com.webmethods.portal.service.sql.IConnectionProvider: Added public field PARAM\_ALIAS\_NAME

com.webmethods.portal.service.sql.core.ConnectionInfo: Accessibility of field DEFAULT\_RETRY\_COUNT has been increased from protected to public

com.webmethods.portal.service.sql.core.ConnectionInfo: Accessibility of field DEFAULT\_RETRY\_DELAY has been increased from protected to public

com.webmethods.portal.service.sql.core.ConnectionManager: Added com.webmethods.portal.service.sql.IConnectionManager to the set of implemented interfaces

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field DB2\_DRIVER is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field DB2\_URL\_PARSER\_EXPRESSION is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field DB2\_URL\_TEMPLATE is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field DERBY\_DRIVER is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field DERBY\_SERVER\_URL\_PARSER\_EXPRESSION is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field DERBY\_URL\_PARSER\_EXPRESSION is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field DERBY\_URL\_TEMPLATE is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field INFORMIX\_DRIVER is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field INFORMIX\_URL\_PARSER\_EXPRESSION is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field INFORMIX\_URL\_TEMPLATE is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field MSSQL\_DRIVER is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field MSSQL\_URL\_PARSER\_EXPRESSION is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field MSSQL\_URL\_TEMPLATE is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field MYSQL\_DRIVER is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field MYSQL\_SERVER\_URL\_PARSER\_EXPRESSION is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field MYSQL\_URL\_PARSER\_EXPRESSION is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field MYSQL\_URL\_TEMPLATE is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field ORACLE\_DRIVER is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field ORACLE\_THIN\_DRIVER is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field ORACLE\_THIN\_URL\_PARSER\_EXPRESSION is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field ORACLE\_THIN\_URL\_TEMPLATE is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field ORACLE\_URL\_PARSER\_EXPRESSION is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field ORACLE\_URL\_PARSER\_EXPRESSION\_SERVICENAME is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field ORACLE\_URL\_TEMPLATE is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field ORACLE\_URL\_TEMPLATE\_SERVICENAME is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field POSTGRESQL\_DRIVER is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field POSTGRESQL\_URL\_PARSER\_EXPRESSION is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field POSTGRESQL\_URL\_TEMPLATE is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field SERVER\_DB2 is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field SERVER\_DERBY is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field SERVER\_MSSQL is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field SERVER\_MYSQL is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field SERVER\_ORACLE is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field SERVER\_POSTGRESQL is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field SYBASE\_DRIVER is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field SYBASE\_URL\_PARSER\_EXPRESSION is now final

[clirr] WARNING: com.webmethods.portal.service.sql.core.ConnectionManager: Field SYBASE\_URL\_TEMPLATE is now final

com.webmethods.portal.service.sql.core.provider.pool.PooledConnectionProvider: Added public field TEMP\_POOL\_NAME

com.webmethods.portal.service.sql.runtime.MySqlDatabaseRuntime: Method 'public java.lang.String getFieldname(java.lang.String)' has been added

com.webmethods.portal.service.sql.runtime.base.AddKeywordToApp: Method 'public java.lang.String getInsertStatement()' has been added

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

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

com.webmethods.portal.service.sql.runtime.base.TaskSearchFromInboxesPaged: In method 'protected void addFromIndexParams(int, java.util.Map, com.webmethods.portal.service.task.TaskSearchQueryV2)' the number of arguments has changed

com.webmethods.portal.service.sql.runtime.mysql.TaskSearchFromInboxesPaged: Method 'protected void addFromIndexParams(java.util.Map, com.webmethods.portal.service.task.TaskSearchQueryV2)' has been added

com.webmethods.portal.service.task.ITaskConstants: Added public field TASK\_OPERATION\_VOTING\_STRATEGY\_UPDATE

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

com.webmethods.portal.service.task.ITaskSystem: Method 'public com.webmethods.portal.service.task.ITaskConnectivityService getTaskConnectivityService()' has been added to an interface

com.webmethods.portal.service.task.ITaskVotingService: Method 'public  
com.webmethods.portal.service.task.ITaskVotingStrategyManagerFactory  
getTaskVotingStrategyFactory()' has been added to an interface

com.webmethods.portal.service.task.ITaskVotingService: Method 'public  
com.webmethods.portal.service.task.ITaskVotingStrategyProvider getTaskVotingStrategyProvider()'  
has been added to an interface

com.webmethods.portal.service.task.ITaskVotingStrategyManager: In method 'public void  
executeStatusRecalculation(com.webmethods.portal.service.task.ITaskDefinition)' the number of  
arguments has changed

com.webmethods.portal.service.task.ITaskVotingStrategyManager: Parameter 1 of 'public void  
updateTaskVotingStrategy(com.webmethods.portal.service.task.ITaskDefinition, boolean)' has  
changed its type to com.webmethods.portal.system.IURI

com.webmethods.portal.service.task.ITaskVotingStrategyManager: Parameter 2 of 'public void  
updateTaskVotingStrategy(com.webmethods.portal.service.task.ITaskDefinition, boolean)' has  
changed its type to com.webmethods.portal.service.task.ITaskDefinition

com.webmethods.portal.service.task.ITaskVotingStrategyManager: In method 'public void  
updateTaskVotingStrategy(com.webmethods.portal.service.task.ITaskDefinition)' the number of  
arguments has changed

com.webmethods.portal.system.IConstants: Added public field SYSTEM\_PATH\_DATA

com.webmethods.portal.system.PortalSystem: Added public field PORTAL\_HOME

com.webmethods.portal.system.PortalSystem: Added public field SERVER\_HOME

com.webmethods.portal.system.PortalSystem: Field m\_componentProviderNames is now static

com.webmethods.portal.system.PortalSystem: Field m\_componentProviders is now static

com.webmethods.portal.system.PortalSystem: Method 'public

com.webmethods.rtl.container.ContainerMetaInfo getContainerConfig()' has been added

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

com.webmethods.portal.system.cluster.IClusterProvider: Added public field USE\_DB\_JMS

com.webmethods.portal.system.lock.IClusterLock: Method 'public

com.webmethods.portal.system.IURI getTaskURI()' has been deprecated

com.webmethods.portal.system.lock.IClusterLock: Method 'public boolean isExpired(java.util.Date)'  
has been deprecated

com.webmethods.portal.system.lock.IClusterLockingService: Added public field LOCK\_MAX\_TIME

com.webmethods.portal.system.lock.IClusterLockingService: Added public field  
LOCK\_MAX\_WAIT\_TIME

com.webmethods.portal.system.lock.IClusterLockingService: Method 'public

com.webmethods.portal.system.lock.IClusterLock acquireLock(com.webmethods.portal.system.IURI,

long, long, boolean)' has been deprecated

com.webmethods.portal.system.lock.IClusterLockingService: Method 'public void  
removeFromTLS(com.webmethods.portal.system.lock.IClusterLock)' has been added to an interface

com.webmethods.portal.webapp.jetty7.MwsAuthenticator\$MwsUser: Added  
org.eclipse.jetty.server.Authentication\$LogoutAuthentication to the set of implemented interfaces

com.webmethods.portal.webapp.jetty7.MwsAuthenticator\$MwsUser: Method 'public  
org.eclipse.jetty.server.Authentication logout(javax.servlet.ServletRequest)' has been added

com.webmethods.portal.webapp.jetty7.MwsLoginService: Added  
org.eclipse.jetty.util.component.Container to the set of implemented interfaces

com.webmethods.portal.webapp.jetty7.MwsLoginService: Added  
org.eclipse.jetty.util.component.Destroyable to the set of implemented interfaces

com.webmethods.portal.webapp.jetty7.MwsLoginService: Added  
org.eclipse.jetty.util.component.Dumpable to the set of implemented interfaces

com.webmethods.portal.webapp.jetty7.MwsLoginService: Added  
org.eclipse.jetty.security.AbstractLoginService to the list of superclasses

com.webmethods.portal.webapp.jetty7.MwsLoginService: Added  
org.eclipse.jetty.security.HashLoginService to the list of superclasses

com.webmethods.portal.webapp.jetty7.MwsLoginService: Removed  
org.eclipse.jetty.security.MappedLoginService from the list of superclasses

com.webmethods.portal.webapp.jetty7.MwsLoginService: Added  
org.eclipse.jetty.util.component.ContainerLifeCycle to the list of superclasses

com.webmethods.portal.webapp.jetty7.MwsLoginService: Method 'protected java.lang.String[]  
loadRoleInfo(org.eclipse.jetty.security.AbstractLoginService\$UserPrincipal)' has been added

com.webmethods.portal.webapp.jetty7.MwsLoginService: Method 'protected  
org.eclipse.jetty.server.UserIdentity loadUser(java.lang.String)' has been removed

com.webmethods.portal.webapp.jetty7.MwsLoginService: Method 'protected  
org.eclipse.jetty.security.AbstractLoginService\$UserPrincipal loadUserInfo(java.lang.String)' has been  
added

com.webmethods.portal.webapp.jetty7.MwsLoginService: In method 'public  
org.eclipse.jetty.server.UserIdentity login(java.lang.String, java.lang.Object)' the number of arguments  
has changed

com.webmethods.portal.webapp.jetty7.MwsLoginService\$MwsKnownUser: Removed  
org.eclipse.jetty.security.MappedLoginService\$UserPrincipal from the set of implemented interfaces

com.webmethods.portal.webapp.jetty7.MwsLoginService\$MwsKnownUser: Added  
org.eclipse.jetty.security.AbstractLoginService\$UserPrincipal to the list of superclasses

com.webmethods.portal.webapp.jetty7.MwsLoginService\$MwsKnownUser: Method 'public  
java.lang.String getName()' has been removed, but an inherited definition exists.

com.webmethods.portal.webapp.jetty7.MwsSessionFactory: Return type of method 'public org.eclipse.jetty.server.session.AbstractSession getMwsSession(java.lang.String)' has been changed to org.eclipse.jetty.server.session.Session

com.webmethods.portal.webapp.jetty7.MwsSessionFactory: Method 'public org.eclipse.jetty.server.session.SessionCache getSessionCache(org.eclipse.jetty.server.session.SessionHandler)' has been added

com.webmethods.portal.webapp.jetty7.MwsSessionFactory: Return type of method 'public org.eclipse.jetty.server.session.AbstractSession newSession(com.webmethods.portal.webapp.jetty7.MwsSessionManager, javax.servlet.http.HttpServletRequest)' has been changed to org.eclipse.jetty.server.session.Session

com.webmethods.portal.webapp.jetty7.MwsSessionManager: Added org.eclipse.jetty.server.Handler to the set of implemented interfaces

com.webmethods.portal.webapp.jetty7.MwsSessionManager: Added org.eclipse.jetty.server.HandlerContainer to the set of implemented interfaces

com.webmethods.portal.webapp.jetty7.MwsSessionManager: Removed org.eclipse.jetty.server.SessionManager from the set of implemented interfaces

com.webmethods.portal.webapp.jetty7.MwsSessionManager: Added org.eclipse.jetty.server.handler.AbstractHandler to the list of superclasses

com.webmethods.portal.webapp.jetty7.MwsSessionManager: Added org.eclipse.jetty.server.handler.AbstractHandlerContainer to the list of superclasses

com.webmethods.portal.webapp.jetty7.MwsSessionManager: Added org.eclipse.jetty.server.handler.HandlerWrapper to the list of superclasses

com.webmethods.portal.webapp.jetty7.MwsSessionManager: Added org.eclipse.jetty.server.handler.ScopedHandler to the list of superclasses

com.webmethods.portal.webapp.jetty7.MwsSessionManager: Removed org.eclipse.jetty.server.session.AbstractSessionManager from the list of superclasses

com.webmethods.portal.webapp.jetty7.MwsSessionManager: Removed org.eclipse.jetty.server.session.HashSessionManager from the list of superclasses

com.webmethods.portal.webapp.jetty7.MwsSessionManager: Added org.eclipse.jetty.server.session.SessionHandler to the list of superclasses

com.webmethods.portal.webapp.jetty7.MwsSessionManager: Parameter 1 of 'protected void addAuthInfo(org.eclipse.jetty.server.session.AbstractSession)' has changed its type to org.eclipse.jetty.server.session.Session

com.webmethods.portal.webapp.jetty7.MwsSessionManager: Parameter 1 of 'protected void addContextLocale(org.eclipse.jetty.server.session.AbstractSession)' has changed its type to org.eclipse.jetty.server.session.Session

com.webmethods.portal.webapp.jetty7.MwsSessionManager: Parameter 1 of 'protected void addSubject(org.eclipse.jetty.server.session.AbstractSession)' has changed its type to

org.eclipse.jetty.server.session.Session

com.webmethods.portal.webapp.jetty7.MwsSessionManager: Method 'protected org.eclipse.jetty.server.session.Session createHttpSession(javax.servlet.http.HttpServletRequest)' has been added

com.webmethods.portal.webapp.jetty7.MwsSessionManager: Method 'protected void doStop()' has been added

com.webmethods.portal.webapp.jetty7.MwsSessionManager: Return type of method 'public org.eclipse.jetty.server.session.AbstractSession getSession(java.lang.String)' has been changed to org.eclipse.jetty.server.session.Session

com.webmethods.portal.webapp.jetty7.MwsSessionManager: Method 'public void invalidate(java.lang.String)' has been added

com.webmethods.portal.webapp.jetty7.MwsSessionManager: Method 'public javax.servlet.http.HttpSession newHttpSession(javax.servlet.http.HttpServletRequest)' has been added

com.webmethods.portal.webapp.jetty7.MwsSessionManager: Method 'public org.eclipse.jetty.server.session.AbstractSession newSession(javax.servlet.http.HttpServletRequest)' has been removed

com.webmethods.portal.webapp.jetty7.MwsSessionManager: Parameter 1 of 'public boolean removeSession(org.eclipse.jetty.server.session.AbstractSession, boolean)' has changed its type to java.lang.String

com.webmethods.portal.webapp.jetty7.MwsSessionManager: Return type of method 'public boolean removeSession(org.eclipse.jetty.server.session.AbstractSession, boolean)' has been changed to org.eclipse.jetty.server.session.Session

com.webmethods.portal.webapp.jetty7.MwsSessionManager\$MwsSession: Class  
com.webmethods.portal.webapp.jetty7.MwsSessionManager\$MwsSession removed

com.webmethods.portal.webapp.jetty7.WebXMLRewriter: Accessibility of field  
FIX\_BUNDLE\_WEB\_XML has been weakened from public to package

com.webmethods.portal.webservices.glue.SoapLogLayout: Added  
org.apache.logging.log4j.core.impl.LocationAware to the set of implemented interfaces

com.webmethods.rtl.LoggingConstants: Added public field LOG\_CATEGORY\_DIRECTORY

com.webmethods.portal.webapp.jetty7.MwsLoginService\$MwsKnownUser: Method 'public boolean isAuthenticated()' has been removed

com.webmethods.rtl.jms.PortalClientOverJMS: Method 'public  
com.webmethods.portal.service.task.RecalculationStatus getRecalculationStatus(java.util.Map)' has been added

com.webmethods.rtl.jms.PortalClientOverJMS: Method 'public java.lang.String  
voteTask(java.util.Map)' has been added

com.webmethods.rtl.logging.QueueJMSAppender: Added



org.apache.logging.log4j.core.impl.LocationAware to the set of implemented interfaces

com.webmethods.rtl.logging.SafeXMLLayout: Added

org.apache.logging.log4j.core.impl.LocationAware to the set of implemented interfaces

com.webmethods.rtl.mail.MailUtil: Added protected field mwsEmailProps

com.webmethods.rtl.mail.MailUtilService: Added

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

com.webmethods.rtl.mail.MailUtilService: Added

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

com.webmethods.rtl.mail.MailUtilService: Added com.webmethods.portal.system.IComponent to the set of implemented interfaces

com.webmethods.rtl.mail.MailUtilService: Added

com.webmethods.portal.system.IComponentProvider to the set of implemented interfaces

com.webmethods.rtl.mail.MailUtilService: Added com.webmethods.portal.system.IConstants to the set of implemented interfaces

com.webmethods.rtl.mail.MailUtilService: Added com.webmethods.portal.system.IURIResolver to the set of implemented interfaces

com.webmethods.rtl.mail.MailUtilService: Added com.webmethods.portal.system.init.IInitializable to the set of implemented interfaces

com.webmethods.rtl.mail.MailUtilService: Added com.webmethods.portal.system.BaseComponent to the list of superclasses

com.webmethods.rtl.mail.MailUtilService: Added com.webmethods.portal.system.impl.BaseProvider to the list of superclasses

com.webmethods.rtl.mail.MailUtilService: Method 'protected void activate(java.util.Map)' is now implemented in superclass com.webmethods.portal.system.impl.BaseProvider

com.webmethods.rtl.mail.MailUtilService: Method 'protected void deactivate()' is now implemented in superclass com.webmethods.portal.system.impl.BaseProvider

com.webmethods.rtl.mail.MailUtilService: Method 'protected void initComponents(java.lang.String)' has been added

com.webmethods.rtl.mail.MailUtilService: Method 'public void shutdown()' has been added

com.webmethods.rtl.mail.MailUtilService: Method 'public void updateConfig(java.util.Map)' has been added

com.webmethods.rtl.mail.api.IMailUtil: Added com.webmethods.portal.system.IComponent to the set of implemented interfaces

com.webmethods.rtl.mail.api.IMailUtil: Added com.webmethods.portal.system.IComponentProvider

to the set of implemented interfaces

com.webmethods.rtl.mail.api.IMailUtil: Added com.webmethods.portal.system.IURIResolver to the set of implemented interfaces

com.webmethods.rtl.mail.api.IMailUtil: Added com.webmethods.portal.system.init.Iinitializable to the set of implemented interfaces

com.webmethods.rtl.mail.api.IMailUtil: Added public field ADMIN\_EMAIL\_ADDRESS

com.webmethods.rtl.mail.api.IMailUtil: Added public field DCS\_EMAIL\_ADDRESS

com.webmethods.rtl.mail.api.IMailUtil: Added public field DCS\_EMAIL\_FROM

com.webmethods.rtl.mail.api.IMailUtil: Added public field DEFAULT\_SMTP\_PROTOCOL\_VALUE

com.webmethods.rtl.mail.api.IMailUtil: Added public field SYSTEM\_MAIL\_DEBUG

com.webmethods.rtl.mail.api.IMailUtil: Added public field SYSTEM\_SMTP\_CONNECTION\_TIMEOUT

com.webmethods.rtl.mail.api.IMailUtil: Added public field SYSTEM\_SMTP\_HOST

com.webmethods.rtl.mail.api.IMailUtil: Added public field SYSTEM\_SMTP\_PASSWORD

com.webmethods.rtl.mail.api.IMailUtil: Added public field SYSTEM\_SMTP\_PORT

com.webmethods.rtl.mail.api.IMailUtil: Added public field SYSTEM\_SMTP\_PROTOCOL

com.webmethods.rtl.mail.api.IMailUtil: Added public field SYSTEM\_SMTP\_TIMEOUT

com.webmethods.rtl.mail.api.IMailUtil: Added public field SYSTEM\_SMTP\_TLS\_ENABLED

com.webmethods.rtl.mail.api.IMailUtil: Added public field SYSTEM\_SMTP\_USERNAME

com.webmethods.rtl.mail.api.IMailUtil: Method 'public void updateConfig(java.util.Map)' has been added to an interface

com.webmethods.rtl.msg.jms.JMSProvider: Accessibility of method 'protected void onConnect(java.lang.String, javax.jms.Connection)' has been increased from protected to public

com.webmethods.rtl.util.Debug: Added public field LOG\_DEFAULT

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

Removed API	Replacement, if any
com.webmethods.caf.faces.data.dir.DirectorySearchProvider\$PrincipalSortComparator	Class com.webmethods.caf.faces.data.dir.DirectorySearchProvider\$PrincipalSortComparator removed
com.webmethods.caf.faces.data.dir.PeopleSearchProvider\$PrincipalSortComparator	Class com.webmethods.caf.faces.data.dir.PeopleSearchProvider\$PrincipalSortComparator removed
com.webmethods.caf.faces.data.task.ITaskVotingStrategy	Class com.webmethods.caf.faces.data.task.ITaskVotingStrategy removed

com.webmethods.portal.noodle.preferences.UserPreferences: Class  
com.webmethods.portal.noodle.preferences.UserPreferences removed

com.webmethods.portal.service.task.TaskVotingStrategyManagerFactory: Class  
com.webmethods.portal.service.task.TaskVotingStrategyManagerFactory removed

com.webmethods.portal.service.task.TaskVotingStrategyManagerFactoryInitializer: Class  
com.webmethods.portal.service.task.TaskVotingStrategyManagerFactoryInitializer removed

## **Release 10.5**

### **Added API**

### **Description**

com.webmethods.portal.mech.task.ITaskMechanics: Method 'public void fireTaskVotingStrategyUpdateStopEvent(com.webmethods.portal.service.task.ITaskDefinition)' has been added to an interface

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

com.webmethods.portal.service.task.ITaskSystem: Method 'public com.webmethods.portal.service.task.ITaskVotingService getTaskVotingService()' has been added to an interface

com.webmethods.portal.system.IComponentProvider: Method 'public org.slf4j.Logger getLogger()' has been added to an interface

com.webmethods.rtl.event.ecs.IJMSSupport: Method 'public com.webmethods.rtl.event.ecs.IJMSSupport\$IJMSSupport\$IJMSSupport createQueue(java.lang.String, boolean)' has been added to an interface

com.webmethods.rtl.event.ecs.IJMSSupport: Method 'public com.webmethods.rtl.event.ecs.IJMSSupport\$IJMSSupport\$IJMSSupport createTopic(java.lang.String, boolean, boolean)' has been added to an interface

### **Removed API**

### **Replacement, if any**

com.webmethods.caf.rules.IRuleContext: Method 'public org.apache.log4j.Category getLogCategory()' has been removed

com.webmethods.caf.rules.IRuleContext: Method 'public void setLogCategory(org.apache.log4j.Category)' has been removed

com.webmethods.caf.rules.impl.BaseTerm: Removed field logCategory

com.webmethods.caf.rules.impl.RuleContext: Method 'public org.apache.log4j.Category getLogCategory()' has been removed

com.webmethods.caf.rules.impl.RuleContext: Method 'public void setLogCategory(org.apache.log4j.Category)' has been removed

com.webmethods.caf.wsclient.session.impl.WSClientSession: Method 'protected void

updateSessionPoolCookies()' has been removed

com.webmethods.management.jmx.Log4JMXAppender: Removed org.apache.log4j.Appender from the set of implemented interfaces

com.webmethods.management.jmx.Log4JMXAppender: Removed org.apache.log4j.spi.OptionHandler from the set of implemented interfaces

com.webmethods.management.jmx.Log4JMXAppender: Removed org.apache.log4j.AppenderSkeleton from the list of superclasses

com.webmethods.management.jmx.Log4JMXAppender: Method 'public void close()' has been removed

com.webmethods.management.jmx.Log4JMXAppender: Method 'public boolean requiresLayout()' has been removed

com.webmethods.portal.event.system.ILogMessageEvent: Method 'public org.apache.log4j.spi.LoggingEvent getLoggingEvent()' has been removed

com.webmethods.portal.event.system.impl.LogMessageEvent: Method 'public org.apache.log4j.spi.LoggingEvent getLoggingEvent()' has been removed

com.webmethods.portal.framework.dispatch.handlers.system.Logout: Field RETURN\_URL\_ATTR has been removed, but it was previously a constant

com.webmethods.portal.jms.JMSPhaseProvider: Method 'public com.webmethods.rtl.msg.jms.JMSProvider getProvider()' has been removed

com.webmethods.portal.mech.task.impl.TaskChangeHandler: Method 'protected void processScheduleRulesInFolder(com.webmethods.portal.mech.task.impl.TaskRuleContext, com.webmethods.portal.system.IURI, com.webmethods.portal.system.IURI, java.util.List)' has been removed

com.webmethods.portal.service.install.impl.BaseInstallService: Method 'public org.apache.log4j.Category getLogCategory()' has been removed

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

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

com.webmethods.portal.service.sql.runtime.base.TaskSearchFromInboxesByTagCount: Method 'protected void orderParameters(com.webmethods.portal.service.sql.runtime.base.TaskSearchAll\$QueryInfo)' has been removed

com.webmethods.portal.service.sql.runtime.base.TaskSearchFromInboxesByTagPaged: Method 'protected void orderParameters(com.webmethods.portal.service.sql.runtime.base.TaskSearchAll\$QueryInfo)' has been removed

com.webmethods.portal.system.IComponentProvider: Method 'public org.apache.log4j.Category getLogCategory()' has been removed

com.webmethods.portal.webapp.jetty7.RelocatedClassUpdater\$ModifierClassWriter: Removed org.objectweb.asm.ClassVisitor from the set of implemented interfaces

com.webmethods.portal.webapp.jetty7.RelocatedClassUpdater\$ModifierMethodWriter: Removed org.objectweb.asm.MethodVisitor from the set of implemented interfaces

com.webmethods.portal.webservices.glue.SoopLogLayout: Removed org.apache.log4j.spi.OptionHandler from the set of implemented interfaces

com.webmethods.portal.webservices.glue.SoopLogLayout: Removed org.apache.log4j.Layout from the list of superclasses

com.webmethods.portal.webservices.glue.SoopLogLayout: Removed org.apache.log4j.xml.XMLLayout from the list of superclasses

com.webmethods.portal.webservices.glue.SoopLogLayout: Method 'public java.lang.String format(org.apache.log4j.spi.LoggingEvent)' has been removed

com.webmethods.rtl.logging.CollectorCategory: Class com.webmethods.rtl.logging.CollectorCategory removed

com.webmethods.rtl.logging.CollectorCategoryFactory: Class com.webmethods.rtl.logging.CollectorCategoryFactory removed

com.webmethods.rtl.logging.CollectorConsoleAppender: Class com.webmethods.rtl.logging.CollectorConsoleAppender removed

com.webmethods.rtl.logging.CollectorFileAppender: Class com.webmethods.rtl.logging.CollectorFileAppender removed

com.webmethods.rtl.logging.CollectorLoggingEvent: Class com.webmethods.rtl.logging.CollectorLoggingEvent removed

com.webmethods.rtl.logging.CollectorPatternLayout: Class com.webmethods.rtl.logging.CollectorPatternLayout removed

com.webmethods.rtl.logging.CollectorPatternParser: Class com.webmethods.rtl.logging.CollectorPatternParser removed

com.webmethods.rtl.logging.EmailEventEvaluator: Class com.webmethods.rtl.logging.EmailEventEvaluator removed

com.webmethods.rtl.logging.EnhancedPatternLayout: Class com.webmethods.rtl.logging.EnhancedPatternLayout removed

com.webmethods.rtl.logging.LoggingUtils: Method 'public org.apache.log4j.Priority getAppenderPriority(org.apache.log4j.AppenderSkeleton)' has been removed

com.webmethods.rtl.logging.QueueJMSAppender: Removed org.apache.log4j.Appender from the set of implemented interfaces

com.webmethods.rtl.logging.QueueJMSAppender: Removed org.apache.log4j.spi.OptionHandler from the set of implemented interfaces

com.webmethods.rtl.logging.QueueJMSAppender: Removed org.apache.log4j.AppenderSkeleton from the list of superclasses

com.webmethods.rtl.logging.QueueJMSAppender: Method 'public void close()' has been removed

com.webmethods.rtl.logging.QueueJMSAppender: Method 'public boolean requiresLayout()' has been removed

com.webmethods.rtl.logging.RunAsServiceConsoleFilter: Removed org.apache.log4j.spi.OptionHandler from the set of implemented interfaces

com.webmethods.rtl.logging.RunAsServiceConsoleFilter: Removed org.apache.log4j.spi.Filter from the list of superclasses

com.webmethods.rtl.logging.RunAsServiceConsoleFilter: Method 'public int decide(org.apache.log4j.spi.LoggingEvent)' has been removed

com.webmethods.rtl.logging.SMTPAppender: Class com.webmethods.rtl.logging.SMTPAppender removed

com.webmethods.rtl.logging.SafeXMLLayout: Removed org.apache.log4j.spi.OptionHandler from the set of implemented interfaces

com.webmethods.rtl.logging.SafeXMLLayout: Removed org.apache.log4j.Layout from the list of superclasses

com.webmethods.rtl.logging.SafeXMLLayout: Removed org.apache.log4j.xml.XMLLayout from the list of superclasses

com.webmethods.rtl.logging.TimeRollingFileAppender: Class com.webmethods.rtl.logging.TimeRollingFileAppender removed

com.webmethods.rtl.logging.convert.CollectorPatternConverter: Class com.webmethods.rtl.logging.convert.CollectorPatternConverter removed

com.webmethods.rtl.logging.convert.ComponentPatternConverter: Class com.webmethods.rtl.logging.convert.ComponentPatternConverter removed

com.webmethods.rtl.logging.convert.HostNamePatternConverter: Class com.webmethods.rtl.logging.convert.HostNamePatternConverter removed

com.webmethods.rtl.logging.convert.ServerPatternConverter: Class com.webmethods.rtl.logging.convert.ServerPatternConverter removed

com.webmethods.rtl.logging.convert.VersionPatternConverter: Class com.webmethods.rtl.logging.convert.VersionPatternConverter removed

com.webmethods.rtl.msg.jms.JMSProvider: Removed field clusterProvider

com.webmethods.rtl.msg.jms.JMSProvider: Method 'public void setClusterProvider(com.webmethods.portal.system.cluster.IClusterProvider)' has been removed

com.webmethods.rtl.util.Debug: Method 'public org.apache.log4j.Category  
getSafeCategory(java.lang.String)' has been removed

com.webmethods.rtl.util.Debug: Method 'public void initByProperties(java.util.Properties)' has been  
removed

com.webmethods.rtl.util.Debug: Method 'protected void syncJuliLoggerLevel(org.apache.log4j.Logger,  
java.util.logging.Logger)' has been removed

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

Changed API	Description
com.webmethods.caf.common.StringTools:	Value of field BOOLEAN_FALSE is no longer a compile-time constant
com.webmethods.caf.common.StringTools:	Value of field BOOLEAN_TRUE is no longer a compile-time constant
com.webmethods.caf.common.StringTools:	Value of field SYSTEM_ENCODING is no longer a compile-time constant
com.webmethods.caf.faces.bean.BaseApplicationBean:	Changed type of field m_JournalLogger from com.webmethods.sc.logging.log4j.WmJournalLogger to com.webmethods.sc.logging.log4j2.logger.WmJournalLogger
com.webmethods.caf.faces.bean.BaseApplicationBean:	Changed type of field m_LoggerFactory from com.webmethods.sc.logging.log4j.WmLoggerFactory to com.webmethods.sc.logging.log4j2.logger.WmLoggerFactory
com.webmethods.caf.faces.bean.BaseApplicationBean:	Changed type of field m_LoggerFactoryContext from com.webmethods.sc.logging.log4j.LoggerFactoryContext to com.webmethods.sc.logging.log4j2.logger.LoggerFactoryContext
com.webmethods.caf.faces.bean.BaseApplicationBean:	Return type of method 'public com.webmethods.sc.logging.log4j.WmJournalLogger getJournalLogger()' has been changed to com.webmethods.sc.logging.log4j2.logger.WmJournalLogger
com.webmethods.caf.faces.component.tree.TreeRowDataColumn:	Changed type of field logger from org.apache.log4j.Logger to org.slf4j.Logger
com.webmethods.caf.faces.portlet.BasePortletPhaseListenerWrapper:	Changed type of field logger from org.apache.log4j.Logger to org.slf4j.Logger
com.webmethods.caf.faces.render.html.message.MessageRenderer:	Changed type of field logger from org.apache.log4j.Logger to org.slf4j.Logger
com.webmethods.caf.faces.util.LogUtils:	Value of field LEVEL_DEBUG is no longer a compile-time constant
com.webmethods.caf.faces.util.LogUtils:	Value of field LEVEL_ERROR is no longer a compile-time

constant

com.webmethods.caf.faces.util.LogUtils: Value of field LEVEL\_FATAL is no longer a compile-time constant

com.webmethods.caf.faces.util.LogUtils: Value of field LEVEL\_INFO is no longer a compile-time constant

com.webmethods.caf.faces.util.LogUtils: Value of field LEVEL\_WARN is no longer a compile-time constant

com.webmethods.caf.wsclient.WSClient: Changed type of field logger from org.apache.log4j.Logger to org.slf4j.Logger

com.webmethods.caf.wsclient.saml.IArtifactFactory: Return type of method 'public java.lang.String validateSAMLResponse(javax.servlet.http.HttpServletRequest, java.lang.String)' has been changed to java.util.Map

com.webmethods.management.jmx.Log4JMXAppender: In method 'public Log4JMXAppender()' the number of arguments has changed

com.webmethods.management.jmx.Log4JMXAppender: Accessibility of method 'public Log4JMXAppender()' has been decreased from public to protected

com.webmethods.management.jmx.Log4JMXAppender: Parameter 1 of 'protected void append(org.apache.log4j.spi.LoggingEvent)' has changed its type to org.apache.logging.log4j.core.LogEvent

com.webmethods.management.jmx.Log4JMXAppender\$ILog4JMXAppenderCallback: Parameter 1 of 'public void onEvent(org.apache.log4j.spi.LoggingEvent)' has changed its type to org.apache.logging.log4j.core.LogEvent

com.webmethods.portal.PortalException: Changed type of field logger from org.apache.log4j.Logger to org.slf4j.Logger

com.webmethods.portal.bizPolicy.command.access.RemoveSecurityRealm: Changed type of field logger from org.apache.log4j.Logger to org.slf4j.Logger

com.webmethods.portal.bizPolicy.command.task.rs.TaskHolder: Return type of method 'public java.lang.String getTaskData()' has been changed to java.util.Map

com.webmethods.portal.bizPolicy.command.task.rs.TaskHolder: Parameter 1 of 'public void setTaskData(java.lang.String)' has changed its type to java.util.Map

com.webmethods.portal.event.system.impl.LogMessageEvent: Changed type of field m\_loggingEvent from org.apache.log4j.spi.LoggingEvent to org.apache.logging.log4j.core.LogEvent

com.webmethods.portal.event.system.impl.LogMessageEvent: Parameter 1 of 'public LogMessageEvent(org.apache.log4j.spi.LoggingEvent)' has changed its type to org.apache.logging.log4j.core.LogEvent

com.webmethods.portal.jms.db.impl.db2.EventPoll: Changed type of field logger from org.apache.log4j.Logger to org.slf4j.Logger



com.webmethods.portal.mech.task.impl.TaskCompletionHandler: In method 'public TaskCompletionHandler()' the number of arguments has changed

com.webmethods.portal.mech.task.impl.TaskCompletionHandlerIS: In method 'public TaskCompletionHandlerIS()' the number of arguments has changed

com.webmethods.portal.mech.task.impl.TaskTimedEventHandler: Accessibility of field logger has been weakened from protected to private

com.webmethods.portal.mech.task.impl.TaskTimedEventHandler: Return type of method 'public void processTaskTimedEvent(com.webmethods.portal.service.task.event.ITaskTimedEvent)' has been changed to boolean

com.webmethods.portal.service.logging.LoggingService: Parameter 2 of 'public void persistEvent(java.lang.Integer, org.apache.log4j.spi.LoggingEvent)' has changed its type to org.apache.logging.log4j.core.LogEvent

com.webmethods.portal.service.portlet.impl.BasePortletBean: Changed type of field m\_logCategory from org.apache.log4j.Category to org.slf4j.Logger

com.webmethods.portal.service.sql.impl.JdbcUtil: Parameter 2 of 'public void logResultSet(java.sql.ResultSet, org.apache.log4j.Category)' has changed its type to org.slf4j.Logger

com.webmethods.portal.service.sql.runtime.base.TaskSearchFromInboxesByTagCount: Method 'protected void orderParameters(com.webmethods.portal.service.sql.runtime.base.TaskSearchAll\$QueryInfo)' has been removed

com.webmethods.portal.service.sql.runtime.base.TaskSearchFromInboxesByTagPaged: Method 'protected void orderParameters(com.webmethods.portal.service.sql.runtime.base.TaskSearchAll\$QueryInfo)' has been removed

com.webmethods.portal.service.task.impl.TaskClassLoaderFactory: In method 'public void addTaskClassLoader(java.lang.String, java.net.URLClassLoader)' the number of arguments has changed

com.webmethods.portal.service.task.impl.TaskThing: Changed type of field m\_pendingUpdates from int to java.util.concurrent.atomic.AtomicInteger

com.webmethods.portal.webservices.glue.SoapLogLayout: In method 'public SoapLogLayout()' the number of arguments has changed

com.webmethods.portal.webservices.wsclient.OldPortalArtifactFactory: Return type of method 'public java.lang.String validateSAMLResponse(javax.servlet.http.HttpServletRequest, java.lang.String)' has been changed to java.util.Map

com.webmethods.portal.webservices.wsclient.PortalArtifactFactory: Return type of method 'public java.lang.String validateSAMLResponse(javax.servlet.http.HttpServletRequest, java.lang.String)' has been changed to java.util.Map

com.webmethods.rtl.event.ecs.IJMSSupport: Method 'public

com.webmethods.rtl.event.ecs.IJMSSupport\$IJMSSupport\$IJMSQueue createQueue(java.lang.String, boolean)' has been added to an interface

com.webmethods.rtl.event.ecs.IJMSSupport: Method 'public com.webmethods.rtl.event.ecs.IJMSSupport\$IJMSTopic createTopic(java.lang.String, boolean, boolean)' has been added to an interface

com.webmethods.rtl.logging.LoggingUtils: Return type of method 'public org.apache.log4j.AppenderSkeleton getAppenderByName(java.lang.String)' has been changed to org.apache.logging.log4j.core.appender.AbstractAppender

com.webmethods.rtl.logging.LoggingUtils: Parameter 1 of 'public org.apache.log4j.Level getCategoryPriority(org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.logging.LoggingUtils: Return type of method 'public org.apache.log4j.Level getCategoryPriority(org.apache.log4j.Category)' has been changed to org.apache.logging.log4j.Level

com.webmethods.rtl.logging.LoggingUtils: Return type of method 'public org.apache.log4j.Category getLogCategory()' has been changed to org.apache.logging.log4j.Logger

com.webmethods.rtl.logging.LoggingUtils: Parameter 1 of 'public java.lang.String toString(org.apache.log4j.spi.LoggingEvent)' has changed its type to org.apache.logging.log4j.core.LogEvent

com.webmethods.rtl.logging.QueueJMSAppender: Removed org.apache.log4j.Appender from the set of implemented interfaces

com.webmethods.rtl.logging.QueueJMSAppender: Removed org.apache.log4j.spi.OptionHandler from the set of implemented interfaces

com.webmethods.rtl.logging.QueueJMSAppender: Removed org.apache.log4j.AppenderSkeleton from the list of superclasses

com.webmethods.rtl.logging.QueueJMSAppender: In method 'public QueueJMSAppender()' the number of arguments has changed

com.webmethods.rtl.logging.QueueJMSAppender: Accessibility of method 'public QueueJMSAppender()' has been decreased from public to protected

com.webmethods.rtl.logging.QueueJMSAppender: Parameter 1 of 'public void append(org.apache.log4j.spi.LoggingEvent)' has changed its type to org.apache.logging.log4j.core.LogEvent

com.webmethods.rtl.logging.QueueJMSAppender: Parameter 1 of 'public void publishEvent(org.apache.log4j.spi.LoggingEvent)' has changed its type to org.apache.logging.log4j.core.LogEvent

com.webmethods.rtl.logging.RunAsServiceConsoleFilter: Removed org.apache.log4j.spi.OptionHandler from the set of implemented interfaces

com.webmethods.rtl.logging.RunAsServiceConsoleFilter: Removed org.apache.log4j.spi.Filter from the list of superclasses

com.webmethods.rtl.logging.RunAsServiceConsoleFilter: In method 'public RunAsServiceConsoleFilter()' the number of arguments has changed

com.webmethods.rtl.logging.RunAsServiceConsoleFilter: Accessibility of method 'public RunAsServiceConsoleFilter()' has been decreased from public to private

com.webmethods.rtl.logging.SafeXMLLayout: Added final modifier to class

com.webmethods.rtl.logging.SafeXMLLayout: In method 'public SafeXMLLayout()' the number of arguments has changed

com.webmethods.rtl.logging.SafeXMLLayout: Accessibility of method 'public SafeXMLLayout()' has been decreased from public to private

com.webmethods.rtl.logging.SafeXMLLayout: In method 'public java.lang.String format(org.apache.log4j.spi.LoggingEvent)' the number of arguments has changed

com.webmethods.rtl.logging.SafeXMLLayout: Accessibility of method 'public java.lang.String format(org.apache.log4j.spi.LoggingEvent)' has been decreased from public to private

com.webmethods.rtl.mail.MailDataSource: Value of field DEFAULT\_ENCODING is no longer a compile-time constant

com.webmethods.rtl.util.Debug: Parameter 3 of 'public void assertCollection(java.util.Collection, java.lang.String, org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 3 of 'public void assertCondition(boolean, java.lang.String, org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 3 of 'public void assertMap(java.util.Map, java.lang.String, org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 3 of 'public void assertObjectExists(java.lang.Object, java.lang.String, org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 3 of 'public void assertStr(java.lang.String, java.lang.String, org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 3 of 'public void debug(java.lang.String, java.lang.String, org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 2 of 'public void debug(java.lang.String, org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 2 of 'public void debug(java.lang.Throwable, org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 3 of 'public void debug(java.lang.String, java.lang.Throwable, org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 2 of 'public void error(java.lang.String, org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 2 of 'public void error(java.lang.Throwable, org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 3 of 'public void error(java.lang.String, java.lang.Throwable, org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 2 of 'public void fatal(java.lang.String, org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 2 of 'public void fatal(java.lang.Throwable, org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 3 of 'public void fatal(java.lang.String, java.lang.Throwable, org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 3 of 'public void fatal(java.lang.String, java.lang.String, org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Return type of method 'public java.util.Enumeration getCategories()' has been changed to java.util.Map

com.webmethods.rtl.util.Debug: Return type of method 'public org.apache.log4j.Category getLogCategory(java.lang.String)' has been changed to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 1 of 'public boolean hasDebugPriority(org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 1 of 'public boolean hasFatalPriority(org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 1 of 'public boolean hasInfoPriority(org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 1 of 'public boolean hasPriority(org.apache.log4j.Category, org.apache.log4j.Priority)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 2 of 'public boolean hasPriority(org.apache.log4j.Category, org.apache.log4j.Priority)' has changed its type to org.apache.logging.log4j.Level

com.webmethods.rtl.util.Debug: Parameter 1 of 'public boolean hasTracePriority(org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 1 of 'public boolean hasWarnPriority(org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 3 of 'public void info(java.lang.String, java.lang.String, org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 2 of 'public void info(java.lang.String, org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 2 of 'public void info(java.lang.Throwable, org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 3 of 'public void info(java.lang.String, java.lang.Throwable, org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 1 of 'public com.webmethods.sc.logging.log4j.WmJournalLogger setContextJournalLogger(com.webmethods.sc.logging.log4j.WmJournalLogger)' has changed its type to com.webmethods.sc.logging.log4j2.logger.WmJournalLogger

com.webmethods.rtl.util.Debug: Return type of method 'public com.webmethods.sc.logging.log4j.WmJournalLogger setContextJournalLogger(com.webmethods.sc.logging.log4j.WmJournalLogger)' has been changed to com.webmethods.sc.logging.log4j2.logger.WmJournalLogger

com.webmethods.rtl.util.Debug: Parameter 1 of 'public void setDefaultJournalLogger(com.webmethods.sc.logging.log4j.WmJournalLogger)' has changed its type to com.webmethods.sc.logging.log4j2.logger.WmJournalLogger

com.webmethods.rtl.util.Debug: Parameter 2 of 'public void trace(java.lang.String, org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 3 of 'public void trace(java.lang.String, java.lang.Throwable, org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 2 of 'public void warn(java.lang.String, org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 2 of 'public void warn(java.lang.Throwable, org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 3 of 'public void warn(java.lang.String, java.lang.Throwable, org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.Debug: Parameter 3 of 'public void warn(java.lang.String, java.lang.String, org.apache.log4j.Category)' has changed its type to org.apache.logging.log4j.Logger

com.webmethods.rtl.util.StringTools: Value of field BOOLEAN\_FALSE is no longer a compile-time constant

com.webmethods.rtl.util.StringTools: Value of field BOOLEAN\_TRUE is no longer a compile-time constant

com.webmethods.rtl.util.StringTools: Value of field SYSTEM\_ENCODING is no longer a compile-time constant

com.webmethods.rtl.util.journal.ContextJournalLogger: Return type of method 'public com.webmethods.sc.logging.log4j.WmJournalLogger getContextJournalLogger()' has been changed to com.webmethods.sc.logging.log4j2.logger.WmJournalLogger

com.webmethods.rtl.util.journal.ContextJournalLogger: Parameter 1 of 'public com.webmethods.sc.logging.log4j.WmJournalLogger

setContextJournalLogger(com.webmethods.sc.logging.log4j.WmJournalLogger)' has changed its type to com.webmethods.sc.logging.log4j2.logger.WmJournalLogger

com.webmethods.rtl.util.journal.ContextJournalLogger: Return type of method 'public com.webmethods.sc.logging.log4j.WmJournalLogger

setContextJournalLogger(com.webmethods.sc.logging.log4j.WmJournalLogger)' has been changed to com.webmethods.sc.logging.log4j2.logger.WmJournalLogger

com.webmethods.rtl.util.journal.ContextJournalLogger: Parameter 1 of 'public void

setDefaultJournalLogger(com.webmethods.sc.logging.log4j.WmJournalLogger)' has changed its type to com.webmethods.sc.logging.log4j2.logger.WmJournalLogger

## **Release 10.4**

### **Added API**

### **Description**

com.softwareag.caf.controls.mwsx.PeopleSearchBarBean: Method 'public void setAvailableDirectories(com.webmethods.caf.faces.data.ISelectItemGroupProvider)' has been added

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.dir.PeopleSearchProvider: Method 'protected java.util.List lookupRoles(com.webmethods.caf.faces.search.query.ISearchQuery, int, com.webmethods.portal.bizPolicy.IContext, java.lang.String, boolean)' has been added

com.webmethods.caf.faces.data.dir.PeopleSearchProvider: Method 'protected java.util.List lookupUsersOrGroups(com.webmethods.caf.faces.search.query.ISearchQuery, int, com.webmethods.portal.bizPolicy.IContext, java.lang.String, boolean)' has been added

com.webmethods.caf.faces.data.portal.system.ClusterServersTableContentProvider: Method 'public com.webmethods.portal.system.cluster.IServer\$ServerType getServerType()' has been added

com.webmethods.caf.faces.data.task.impl.TaskIndexedSearchContentProvider\$TaskSearchPagingService: Method 'protected java.util.List performSearch(com.webmethods.portal.service.task.TaskSearchQueryV2)' has been added

com.webmethods.caf.faces.data.task.impl.TaskIndexedSearchContentProvider\$TaskSearchPagingService: Method 'protected int performSearchCount()' has been added

com.webmethods.caf.faces.render.html.HTMLResponseWriter: Added protected field matcher

com.webmethods.caf.portalclient.task.PCTaskHelper: Method 'public java.lang.String[] setInstancesStatus(java.lang.String, java.lang.String, java.lang.String, java.lang.Boolean, java.lang.Integer)' has been added

com.webmethods.caf.portalclient.task.task.ItaskPortType: Method 'public java.lang.String[] setInstancesStatus(java.lang.String, java.lang.String, java.lang.String, java.lang.Boolean, java.lang.Integer)' has been added to an interface

com.webmethods.caf.rules.impl.constant.ObjectArrayConstant: Method 'public java.lang.Object getConstant()' has been added

com.webmethods.caf.wsclient.saml.IArtifactFactory: Added public field SAML\_VERSION\_1\_1

com.webmethods.caf.wsclient.saml.IArtifactFactory: Added public field SAML\_VERSION\_2\_0

com.webmethods.caf.wssserver.auth.saml.ISamlConstants: Added public field SAML\_ASSERTION

com.webmethods.portal.bizPolicy.biz.task.ITaskBizPolicy: Method 'public java.lang.String[] setInstancesStatus(com.webmethods.portal.bizPolicy.IContext, java.lang.String, java.lang.String, boolean, int)' has been added to an interface

com.webmethods.portal.bizPolicy.biz.task.impl.TaskBizPolicy: Method 'public java.lang.String[] setInstancesStatus(com.webmethods.portal.bizPolicy.IContext, java.lang.String, java.lang.String, boolean, int)' has been added

com.webmethods.portal.bizPolicy.biz.task.impl.TaskInfoExtended: Method 'public com.webmethods.portal.service.task.ITask getTask()' has been added

com.webmethods.portal.bizPolicy.command.task.SetInstancesStatus: Class  
com.webmethods.portal.bizPolicy.command.task.SetInstancesStatus added

com.webmethods.portal.bizPolicy.command.task.SetInstancesStatus\$SetInstancesStatusCommandBean : Class  
com.webmethods.portal.bizPolicy.command.task.SetInstancesStatus\$SetInstancesStatusCommandBean added

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

com.webmethods.portal.bizPolicy.command.task.jms.api.TaskCommandJMS: Added public field SET\_INSTANCES\_STATUS

com.webmethods.portal.bizPolicy.command.task.webservice.SetInstancesStatusWS: Class  
com.webmethods.portal.bizPolicy.command.task.webservice.SetInstancesStatusWS added

com.webmethods.portal.bizPolicy.command.task.webservice.SetInstancesStatusWS\$SetInstancesStatusCommandBean: Class  
com.webmethods.portal.bizPolicy.command.task.webservice.SetInstancesStatusWS\$SetInstancesStatusCommandBean added

com.webmethods.portal.framework.mech.install.StartWebApplications: Added public field USE\_MULTI\_THREAD\_STARTUP

com.webmethods.portal.mech.task.ITaskMechanics: Method 'public java.lang.String canUpdateTask(com.webmethods.portal.system.IURI, com.webmethods.portal.system.IURI, java.util.Map)' has been added to an interface

com.webmethods.portal.mech.task.impl.TaskFacesHelper: Method 'public void registerAdditionalRuleContextBean(java.lang.String, java.lang.Object)' has been added

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

com.webmethods.portal.service.meta2.IDBOStorageService: Method 'public void createTables(com.webmethods.portal.service.portlet.info.IPortletInfo, com.webmethods.portal.service.meta2.thing.IThingID, boolean)' has been added to an interface

com.webmethods.portal.service.meta2.impl.UserService: Method 'public void clearUserIDByURICache()' has been added

com.webmethods.portal.service.sql.runtime.base.TaskSearchFromInboxes: Added public field SYSTEM\_PROPERTY\_TE\_TASK\_SEARCH\_INBOX\_HINT

com.webmethods.portal.service.task.impl.TaskClassLoaderFactory\$TEServletContext: Method 'public java.lang.ClassLoader getClassLoader()' has been added

com.webmethods.portal.system.cluster.IServer: Added public field SERVER\_TYPE\_KEY

com.webmethods.portal.system.cluster.IServer: Method 'public com.webmethods.portal.system.cluster.IServer\$ServerType getType()' has been added to an interface

com.webmethods.portal.system.cluster.IServer\$ServerType: Class com.webmethods.portal.system.cluster.IServer\$ServerType added

com.webmethods.portal.system.cluster.impl.Server: Method 'public com.webmethods.portal.system.cluster.IServer\$ServerType getType()' has been added

com.webmethods.portal.system.cluster.impl.Server: Method 'public void setServerType(com.webmethods.portal.system.cluster.IServer\$ServerType)' has been added

com.webmethods.portal.system.lock.IClusterLock: Added java.lang.AutoCloseable to the set of implemented interfaces

com.webmethods.portal.system.lock.IClusterLock: Method 'public void close()' has been added to an interface

com.webmethods.portal.system.lock.impl.ClusterLock: Added java.lang.AutoCloseable to the set of implemented interfaces

com.webmethods.portal.system.lock.impl.ClusterLock: Method 'public void close()' has been added

com.webmethods.rtl.jms.PortalClientOverJMS: Method 'public java.lang.String[]



setInstancesStatus(java.util.Map)' has been added

## Removed API

## Replacement, if any

com.webmethods.portal.framework.mech.install.StartWebApplications: Method 'protected void startWebApplications(com.webmethods.portal.service.install.IInstallService, com.webmethods.portal.service.view.IListView)' has been removed

com.webmethods.portal.mech.socialendorsement.impl.EndorsementMechanics: Method 'public com.webmethods.portal.system.IURI lookupPrincipal(java.lang.Object, int)' has been removed

com.webmethods.portal.mech.socialendorsement.impl.EndorsementMechanics: Method 'public com.webmethods.portal.system.IURI lookupPrincipal(java.lang.Object)' has been removed

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

com.webmethods.portal.service.task.ITaskLock: Class com.webmethods.portal.service.task.ITaskLock removed

com.webmethods.portal.service.task.ITaskLockingService: Class com.webmethods.portal.service.task.ITaskLockingService removed

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

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

com.webmethods.portal.service.task.impl.TaskLock: Class com.webmethods.portal.service.task.impl.TaskLock removed

com.webmethods.portal.service.task.impl.TaskLockFailedException: Class com.webmethods.portal.service.task.impl.TaskLockFailedException removed

com.webmethods.portal.service.task.impl.TaskLockingService: Class com.webmethods.portal.service.task.impl.TaskLockingService removed

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

com.webmethods.portal.system.cluster.impl.ClusterProvider: Field DISTRIBUTED\_EVENTS\_ENABLED\_ATTR has been removed, but it was previously a constant

## Deprecated API

## Replacement, if any

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

Changed API	Description
	com.webmethods.caf.faces.data.task.TaskDisplayProvider: Accessibility of field taskInfoKey has been increased from private to protected
	com.webmethods.portal.framework.mech.install.StartWebApplications: In method 'public void startWebApplications()' the number of arguments has changed
	com.webmethods.portal.framework.mech.install.StartWebApplications: Accessibility of method 'public void startWebApplications()' has been decreased from public to protected
	com.webmethods.portal.jms.um.UmJMSClient: Field logger is now static
	com.webmethods.portal.service.meta2.dbo.impl.DBOSTorageService: In method 'public void createTables(com.webmethods.portal.service.meta2.thing.IThingID, boolean)' the number of arguments has changed
	com.webmethods.portal.service.sql.runtime.base.TaskSearchAll: Accessibility of field taskTables has been increased from package to public
	com.webmethods.portal.service.sql.runtime.base.TaskSearchAll\$AcceptedByListFieldMapper: Increased visibility of class from package to public
	com.webmethods.portal.service.sql.runtime.base.TaskSearchAll\$CurrentUserAcceptedFieldMapper: Increased visibility of class from package to public
	com.webmethods.portal.service.sql.runtime.base.TaskSearchAll\$FieldMapper: Increased visibility of class from package to public
	com.webmethods.portal.service.sql.runtime.base.TaskSearchAll\$QueryInfo: Increased visibility of class from protected to public
	com.webmethods.portal.service.sql.runtime.base.TaskSearchAll\$QueryInfo: Accessibility of field hasBusinessDataFields has been increased from package to public
	com.webmethods.portal.service.sql.runtime.base.TaskSearchAll\$QueryInfo: Accessibility of field macros has been increased from package to public
	com.webmethods.portal.service.sql.runtime.base.TaskSearchAll\$QueryInfo: Accessibility of field params has been increased from package to public
	com.webmethods.portal.service.sql.runtime.base.TaskSearchAll\$QueryInfo: Accessibility of field sql has been increased from package to public
	com.webmethods.portal.service.sql.runtime.base.TaskSearchAll\$QueryInfo: Accessibility of method 'protected TaskSearchAll\$QueryInfo()' has been increased from protected to public
	com.webmethods.portal.service.sql.runtime.base.TaskSearchAll\$TableDef: Increased visibility of class from package to public
	com.webmethods.portal.service.sql.runtime.base.TaskSearchFromInboxes: Accessibility of field taskInboxTables has been increased from package to public

com.webmethods.portal.service.task.impl.TaskDistributionService: Accessibility of method 'protected int countTasks(com.webmethods.portal.service.task.ITaskSearchQueryExtended, com.webmethods.portal.service.task.SearchContext)' has been decreased from protected to private

com.webmethods.portal.service.task.impl.TaskDistributionService: Accessibility of method 'protected java.util.List getTaskList(com.webmethods.portal.service.task.ITaskSearchQueryExtended, com.webmethods.portal.service.task.SearchContext)' has been decreased from protected to private

## **Release 10.3**

<b>Added API</b>	<b>Description</b>
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.bpm.process.impl.BpmProcess	Method 'protected void loadFromIS()' has been added
com.webmethods.bpm.process.impl.BpmProcessManager	Method 'public BpmProcessManager()' has been added
com.webmethods.bpm.process.impl.BpmProcessManager	Method 'public java.lang.String getDatasourceLibMode()' has been added
com.webmethods.bpm.process.impl.BpmProcessManagerIS	Class com.webmethods.bpm.process.impl.BpmProcessManagerIS added
com.webmethods.bpm.process.impl.db.common.LoadProcessStepsIS	Class com.webmethods.bpm.process.impl.db.common.LoadProcessStepsIS added
com.webmethods.caf.common.ServerCommon	Class com.webmethods.caf.common.ServerCommon added
com.webmethods.caf.common.XMLUtil	Method 'public javax.xml.parsers.DocumentBuilderFactory getBuilderFactory()' has been added
com.webmethods.caf.common.XMLUtil	Method 'public javax.xml.parsers.SAXParserFactory getSAXParserFactory()' has been added

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

java.io.InputStream)' has been added

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

com.webmethods.rtl.util.xml.XMLUtil: Method 'public java.lang.String toString(org.w3c.dom.Node, int, boolean)' has been added

com.webmethods.caf.faces.portlet.PortletViewHandler: Added  
com.sun.faces.application.view.MultiViewHandler to the list of superclasses

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Removed API	Replacement, if any
com.webmethods.caf.faces.portlet.PortletViewHandler: Method 'public java.lang.Object getWrapped()' has been removed	
com.webmethods.caf.faces.portlet.PortletViewHandler: Method 'public javax.faces.application.ViewHandler getWrapped()' has been removed	
com.webmethods.portal.bizPolicy.command.dir.rs.BasePrincipalResource: Method 'protected java.util.List getProfileAttributes(com.webmethods.portal.bizPolicy.IContext, com.webmethods.portal.service.dir.IDirPrincipal)' has been removed	

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

### Deprecated API

### Replacement, if any

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

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

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

### Changed API

### Description

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

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

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

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

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

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

com.webmethods.portal.service.task.impl.TaskClassLoaderFactory: In method 'public void

addTaskClassLoader(com.webmethods.portal.service.task.impl.TaskClassLoaderFactory\$ITaskClassLo  
ader)' the number of arguments has changed

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

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

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

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

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

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

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

## **Release 10.2**

### **Added API**

### **Description**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

com.webmethods.portal.event.system.impl.DistributedConfigChangedEvent Class  
com.webmethods.portal.event.system.impl.DistributedConfigChangedEvent added

com.webmethods.portal.framework.dispatch.handlers.directory.ExportUserAttributesHandler Class  
com.webmethods.portal.framework.dispatch.handlers.directory.ExportUserAttributesHandler added

com.webmethods.portal.framework.session.handlers.LoginScript Method 'protected void bindSystemPolicy(com.webmethods.portal.bizPolicy.biz.system.ISystemPolicy)' has been added

com.webmethods.portal.framework.session.handlers.Validate Method 'protected void bindJMSPhaseProvider(com.webmethods.portal.system.IComponent)' has been added

com.webmethods.portal.framework.session.impl.SessionManager Method 'protected void bindAuthManager(com.webmethods.portal.framework.IAuthManager)' has been added

com.webmethods.portal.jms.db.impl.db2.PurgeEvents Method 'protected java.lang.String getDeleteEventsQuery()' has been added

com.webmethods.portal.jms.um.UmJMSConnProvider Method 'protected void registerJMSObjects(org.w3c.dom.Element)' has been added

com.webmethods.portal.mech.dir.IDirServiceMechanics Method 'public void fireDeletePrincipalEvent(com.webmethods.portal.service.dir.IDirPrincipal,



com.webmethods.portal.service.dir.IDirPrincipalList,  
com.webmethods.portal.service.dir.IDirPrincipalList)' has been added to an interface

com.webmethods.portal.mech.dir.IPrincipalAttributeMechanics Method 'public void  
fireModifyPrincipalEvent(com.webmethods.portal.service.meta2.thing.IThingID,  
com.webmethods.portal.system.IURI, com.webmethods.portal.service.meta2.thing.IThingID,  
java.lang.String, java.lang.Object, java.lang.Object)' has been added to an interface

com.webmethods.portal.mech.dir.impl.DirServiceMechanics Method 'protected boolean  
isUserPrivacyEnabled()' has been added

com.webmethods.portal.mech.dir.impl.DirServiceMechanics Method 'public void  
fireDeletePrincipalEvent(com.webmethods.portal.service.dir.IDirPrincipal,  
com.webmethods.portal.service.dir.IDirPrincipalList,  
com.webmethods.portal.service.dir.IDirPrincipalList)' has been added

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

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

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

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

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

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

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

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

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

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

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

com.webmethods.portal.mech.task.impl.TaskRuleContext Method 'public void

setContextMap(java.util.Map)' has been added

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

com.webmethods.portal.service.dir.impl.DirServicePortletBean Method 'public boolean

isEditingSelf(com.webmethods.portal.bizPolicy.IContext)' has been added

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

com.webmethods.portal.service.task.TaskSearchQueryTerm Method 'public java.util.List

getFieldExpressionsString(java.util.Map, com.webmethods.caf.rules.IBindingExpressionEvaluator)' has been added

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

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

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

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

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

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

com.webmethods.portal.service.task.impl.TaskSystem Method 'protected  
com.webmethods.portal.system.IComponentData  
createComponentData(com.webmethods.portal.system.IInitializableComponentData)' has been added

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

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

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

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

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

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

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

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

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

com.webmethods.rtl.util.FileUtil Method 'public java.lang.String

getRealLocationAtIS(java.lang.String)' has been added

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

## Removed API

## Replacement, if any

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

com.webmethods.portal.bizPolicy.command.sql.ListDataSources Method 'public void

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



com.webmethods.portal.webservices.encoding.ConnectionInfoSerializer removed  
com.webmethods.portal.webservices.encoding.ConnectionInfoSerializerFactory Class  
com.webmethods.portal.webservices.encoding.ConnectionInfoSerializerFactory removed  
com.webmethods.portal.webservices.encoding.DifferenceMapSerializer Class  
com.webmethods.portal.webservices.encoding.DifferenceMapSerializer removed  
com.webmethods.portal.webservices.encoding.DifferenceMapSerializerFactory Class  
com.webmethods.portal.webservices.encoding.DifferenceMapSerializerFactory removed  
com.webmethods.portal.webservices.encoding.DirServiceSerializer Class  
com.webmethods.portal.webservices.encoding.DirServiceSerializer removed  
com.webmethods.portal.webservices.encoding.DirServiceSerializerFactory Class  
com.webmethods.portal.webservices.encoding.DirServiceSerializerFactory removed  
com.webmethods.portal.webservices.encoding.IDataDeserializer Class  
com.webmethods.portal.webservices.encoding.IDataDeserializer removed  
com.webmethods.portal.webservices.encoding.IDataDeserializerFactory Class  
com.webmethods.portal.webservices.encoding.IDataDeserializerFactory removed  
com.webmethods.portal.webservices.encoding.IOutOnly Class  
com.webmethods.portal.webservices.encoding.IOutOnly removed  
com.webmethods.portal.webservices.encoding.ISoapComplexTypeBean Class  
com.webmethods.portal.webservices.encoding.ISoapComplexTypeBean removed  
com.webmethods.portal.webservices.encoding.InterfaceAsBeanSerializer Class  
com.webmethods.portal.webservices.encoding.InterfaceAsBeanSerializer removed  
com.webmethods.portal.webservices.encoding.InterfaceAsBeanSerializerFactory Class  
com.webmethods.portal.webservices.encoding.InterfaceAsBeanSerializerFactory removed  
com.webmethods.portal.webservices.encoding.ListViewSerializer Class  
com.webmethods.portal.webservices.encoding.ListViewSerializer removed  
com.webmethods.portal.webservices.encoding.ListViewSerializerFactory Class  
com.webmethods.portal.webservices.encoding.ListViewSerializerFactory removed  
com.webmethods.portal.webservices.encoding.LocaleDeserializer Class  
com.webmethods.portal.webservices.encoding.LocaleDeserializer removed  
com.webmethods.portal.webservices.encoding.LocaleDeserializerFactory Class  
com.webmethods.portal.webservices.encoding.LocaleDeserializerFactory removed  
com.webmethods.portal.webservices.encoding.LocaleSerializer Class  
com.webmethods.portal.webservices.encoding.LocaleSerializer removed  
com.webmethods.portal.webservices.encoding.LocaleSerializerFactory Class  
com.webmethods.portal.webservices.encoding.LocaleSerializerFactory removed  
com.webmethods.portal.webservices.encoding.PageDataDeserializer Class

com.webmethods.portal.webservices.encoding.PageDataDeserializer removed  
com.webmethods.portal.webservices.encoding.PageDataDeserializerFactory Class  
com.webmethods.portal.webservices.encoding.PageDataDeserializerFactory removed  
com.webmethods.portal.webservices.encoding.PageDataSerializer Class  
com.webmethods.portal.webservices.encoding.PageDataSerializer removed  
com.webmethods.portal.webservices.encoding.PageDataSerializerFactory Class  
com.webmethods.portal.webservices.encoding.PageDataSerializerFactory removed  
com.webmethods.portal.webservices.encoding.PagingBeanDeserializer Class  
com.webmethods.portal.webservices.encoding.PagingBeanDeserializer removed  
com.webmethods.portal.webservices.encoding.PagingBeanDeserializerFactory Class  
com.webmethods.portal.webservices.encoding.PagingBeanDeserializerFactory removed  
com.webmethods.portal.webservices.encoding.PagingBeanSerializer Class  
com.webmethods.portal.webservices.encoding.PagingBeanSerializer removed  
com.webmethods.portal.webservices.encoding.PagingBeanSerializerFactory Class  
com.webmethods.portal.webservices.encoding.PagingBeanSerializerFactory removed  
com.webmethods.portal.webservices.encoding.PortalFileBeanDeserializer Class  
com.webmethods.portal.webservices.encoding.PortalFileBeanDeserializer removed  
com.webmethods.portal.webservices.encoding.PortalFileBeanDeserializerFactory Class  
com.webmethods.portal.webservices.encoding.PortalFileBeanDeserializerFactory removed  
com.webmethods.portal.webservices.encoding.PortalFileBeanSerializer Class  
com.webmethods.portal.webservices.encoding.PortalFileBeanSerializer removed  
com.webmethods.portal.webservices.encoding.PortalFileBeanSerializerFactory Class  
com.webmethods.portal.webservices.encoding.PortalFileBeanSerializerFactory removed  
com.webmethods.portal.webservices.encoding.RightSetDeserializer Class  
com.webmethods.portal.webservices.encoding.RightSetDeserializer removed  
com.webmethods.portal.webservices.encoding.RightSetDeserializerFactory Class  
com.webmethods.portal.webservices.encoding.RightSetDeserializerFactory removed  
com.webmethods.portal.webservices.encoding.RightSetSerializer Class  
com.webmethods.portal.webservices.encoding.RightSetSerializer removed  
com.webmethods.portal.webservices.encoding.RightSetSerializerFactory Class  
com.webmethods.portal.webservices.encoding.RightSetSerializerFactory removed  
com.webmethods.portal.webservices.encoding.SelectedListViewSerializer Class  
com.webmethods.portal.webservices.encoding.SelectedListViewSerializer removed  
com.webmethods.portal.webservices.encoding.SelectedListViewSerializerFactory Class  
com.webmethods.portal.webservices.encoding.SelectedListViewSerializerFactory removed  
com.webmethods.portal.webservices.encoding.ThingIDListSerializer Class

com.webmethods.portal.webservices.encoding.ThingIDListSerializer removed  
 com.webmethods.portal.webservices.encoding.ThingIDListSerializerFactory Class  
 com.webmethods.portal.webservices.encoding.ThingIDListSerializerFactory removed  
 com.webmethods.portal.webservices.encoding.ThingNameAtomSerializer Class  
 com.webmethods.portal.webservices.encoding.ThingNameAtomSerializer removed  
 com.webmethods.portal.webservices.encoding.ThingNameAtomSerializerFactory Class  
 com.webmethods.portal.webservices.encoding.ThingNameAtomSerializerFactory removed  
 com.webmethods.portal.webservices.encoding.URIDeserializer Class  
 com.webmethods.portal.webservices.encoding.URIDeserializer removed  
 com.webmethods.portal.webservices.encoding.URIDeserializerFactory Class  
 com.webmethods.portal.webservices.encoding.URIDeserializerFactory removed  
 com.webmethods.portal.webservices.encoding.URISerializer Class  
 com.webmethods.portal.webservices.encoding.URISerializer removed  
 com.webmethods.portal.webservices.encoding.URISerializerFactory Class  
 com.webmethods.portal.webservices.encoding.URISerializerFactory removed  
 com.webmethods.portal.webservices.encoding.ViewProperty Class  
 com.webmethods.portal.webservices.encoding.ViewProperty removed  
 com.webmethods.portal.webservices.encoding.ViewSerializer Class  
 com.webmethods.portal.webservices.encoding.ViewSerializer removed  
 com.webmethods.portal.webservices.encoding.ViewSerializerFactory Class  
 com.webmethods.portal.webservices.encoding.ViewSerializerFactory removed  
 com.webmethods.portal.webservices.handlers.CommandHandler Class  
 com.webmethods.portal.webservices.handlers.CommandHandler removed  
 com.webmethods.portal.webservices.handlers.CommandProvider Class  
 com.webmethods.portal.webservices.handlers.CommandProvider removed  
 com.webmethods.portal.webservices.handlers.SOAPMonitorHandler Class  
 com.webmethods.portal.webservices.handlers.SOAPMonitorHandler removed  
 com.webmethods.portal.webservices.servlet.PortalAxisServlet Class  
 com.webmethods.portal.webservices.servlet.PortalAxisServlet removed

Changed API	Description
com.webmethods.portal.bizPolicy.command.dir.DeletePrincipal com.webmethods.portal.mech.dir.IDirServiceMechanics com.webmethods.portal.service.meta2.thing.IThingID com.webmethods.portal.service.dir.IDirPrincipalList	In method 'protected void fireEvents(com.webmethods.portal.bizPolicy.IContext, com.webmethods.portal.system.IURI, com.webmethods.portal.service.meta2.thing.IThingID, com.webmethods.portal.service.dir.IDirPrincipalList,

com.webmethods.portal.service.dir.IDirPrincipalList)' the number of arguments has changed

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

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

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

## Release 10.1

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## Release 10.0

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

PROPERTY\_HPSTRA\_INDEX\_JOB\_STATUS

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



getTaskDetailGadgetURIs()' has been added to an interface

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

added

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Changed API****Description**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

com.webmethods.caf.faces.data.object.DateRange: Method 'protected java.util.Calendar

**Added API****Description**

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.wsserver.auth.saml.SamlUtils: Method 'public org.w3c.dom.Element marshalSamLObject(org.opensaml.xml.XMLObject)' has been added

com.webmethods.caf.wsserver.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 interfaces



Added API	Description
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	
com.webmethods.portal.bizPolicy.command.dir.SearchDirectory: Method 'protected void	

Added API	Description
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 added
com.webmethods.portal.bizPolicy.command.remote.RemoteCommandBean	Class added
com.webmethods.portal.bizPolicy.command.remote.jms.JmsRemoteCommandTransport	Class 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 added
com.webmethods.portal.bizPolicy.command.system.JndiRefreshCluster	Class

**Added API****Description**

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  
com.webmethods.portal.bizPolicy.command.task.jms.UpdateTaskAttachmentJMS added

Added API	Description
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\$IListener	Class
com.webmethods.portal.event.dir.IDirPrincipalDNUpdateEvent\$IListener	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
com.webmethods.portal.event.dir.impl.DirPrincipalDNUpdateEvent	Class

Added API	Description
com.webmethods.portal.event.dir.impl.DirPrincipalDNUpdateEvent	added
com.webmethods.portal.event.sso.ISSODataChangeEvent	Class added
com.webmethods.portal.event.sso.ISSODataChangeEvent\$IListener	Class added
com.webmethods.portal.event.sso.ISSODataChangeEvent\$ISynchronousListener	Class added
com.webmethods.portal.event.sso.ISSODataChangeEvent\$Listeners	Class added
com.webmethods.portal.event.sso.ISSODataChangeEvent\$QueueListeners	Class added
com.webmethods.portal.event.sso.ISSODataChangeEvent\$SynchronousListeners	Class added
com.webmethods.portal.event.sso.impl.SSODataChangeEvent	Class added
com.webmethods.portal.framework.dispatch.handlers.system.SAMLSSOHandler	Class added
com.webmethods.portal.framework.dispatch.preProcessors.OpenRedirectCheck	Class added
com.webmethods.portal.framework.dispatch.resolvers.SAMLAuthReqResolver	Class 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
com.webmethods.portal.jms.um.UmJMSClient	Added abstract modifier to class

Added API	Description
com.webmethods.portal.jms.um.UmJMSClient: Added	
com.webmethods.portal.system.init.IInitializable	to the set of implemented interfaces
com.webmethods.portal.jms.um.UmJMSClient: Added	com.webmethods.rtl.msg.jms.IJMSPProvider to the set of implemented interfaces
com.webmethods.portal.jms.um.UmJMSClient: Added	com.webmethods.rtl.msg.jms.JMSPProvider to the list of superclasses
com.webmethods.portal.jms.um.UmJMSClient: Added	com.webmethods.rtl.msg.jms.JMSStdConnProvider to the list of superclasses
com.webmethods.portal.jms.um.UmJMSClient: Method	'protected boolean createInitialContext()' has been added
com.webmethods.portal.jms.um.UmJMSClient: Method	'protected void registerFactory(org.w3c.dom.Element)' has been added
com.webmethods.portal.jms.um.UmJMSClient: Method	'protected void registerQueue(org.w3c.dom.Element)' has been added
com.webmethods.portal.jms.um.UmJMSClient: Method	'protected void registerTopic(org.w3c.dom.Element)' has been added
com.webmethods.portal.jms.um.UmJMSClient: Method	'protected void resetContext()' has been added
com.webmethods.portal.jms.um.UmJMSTConnProvider: Added	com.webmethods.portal.jms.um.UmJMSClient to the list of superclasses
com.webmethods.portal.jms.um.UmJMSTConnProvider: Method	'protected void onDisconnect(boolean)' has been added
com.webmethods.portal.jms.um.UmJMSTConnProvider: 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 generateUUIDQuery(com.webmethods.portal.service.dir.IDirService, java.lang.String, int)' has been

Added API	Description
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
com.webmethods.portal.service.access.impl.DashboardContainerAclManager\$DashboardContainerAcl	

**Added API****Description**

Resource: 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

resolveUserByUUID(com.webmethods.portal.service.dir.init.IInitializableUser)' has been added



Added API	Description
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 getUserDetailsByURI(com.webmethods.portal.system.IURI)' has been added

Added API	Description
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 com.webmethods.portal.service.task.event.RefreshTaskEvent\$SynchronousListeners added	

Added API	Description
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	
com.webmethods.portal.system.sso.saml.idp.SAMLSSODataChangeListener: Class	

Added API	Description
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
com.webmethods.rtl.msg.jms.IJMSPProvider	Method 'public boolean isConnected()' has been added to

Added API	Description
an interface	
com.webmethods.rtl.msg.jms.JMSProvider:	Added protected field m_endpointAddress
com.webmethods.rtl.msg.jms.JMSProvider:	Added protected field m_isConnected
com.webmethods.rtl.msg.jms.JMSProvider:	Method 'public java.lang.String getEndpointAddress()' has been added
com.webmethods.rtl.msg.jms.JMSProvider:	Method 'public boolean isConnected()' has been added
com.webmethods.rtl.msg.jms.JMSProvider:	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
com.webmethods.jackrabbit.servlet.JCRWebdavServerServlet:	Class
com.webmethods.jackrabbit.servlet.JCRWebdavServerServlet:	removed

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Changed API****Description**

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

**Changed API****Description**

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

com.webmethods.caf.wssserver.auth.saml.SamlUtils: Parameter 2 of 'public void displayAssertion(java.io.PrintWriter, org.opensaml.SAMLAssertion)' has changed its type to org.opensaml.saml1.core.Assertion

com.webmethods.caf.wssserver.auth.saml.SamlUtils: Parameter 1 of 'public java.lang.String getLoginName(org.opensaml.SAMLAssertion)' has changed its type to org.opensaml.saml1.core.Assertion

com.webmethods.caf.wssserver.auth.saml.SamlUtils: Return type of method 'public org.opensaml.SAMLAssertion getSamlAssertion(java.lang.String, java.lang.String)' has been changed to org.opensaml.saml1.core.Assertion

com.webmethods.caf.wssserver.auth.saml.SamlUtils: Parameter 1 of 'public org.opensaml.SAMLAssertion getSamlAssertion(org.opensaml.SAMLResponse)' has changed its type to org.opensaml.saml1.core.Response

com.webmethods.caf.wssserver.auth.saml.SamlUtils: Return type of method 'public org.opensaml.SAMLAssertion getSamlAssertion(org.opensaml.SAMLResponse)' has been changed to org.opensaml.saml1.core.Assertion

com.webmethods.caf.wssserver.auth.saml.SamlUtils: Return type of method 'public org.opensaml.SAMLResponse getSamlResponse(java.lang.String, java.lang.String)' has been changed to org.opensaml.saml1.core.Response

com.webmethods.caf.wssserver.auth.saml.SamlUtils: Parameter 1 of 'public java.lang.String verifyAssertion(org.opensaml.SAMLAssertion)' has changed its type to org.opensaml.saml1.core.Assertion

com.webmethods.portal.jms.um.UmJMSClient: Accessibility of method 'public UmJMSClient()' has been decreased from public to protected

com.webmethods.portal.jms.um.UmJMSClient: Accessibility of method 'public void closeUMSession(com.pcbSYS.nirvana.client.nSession)' has been decreased from public to private

com.webmethods.portal.jms.um.UmJMSClient: Accessibility of method 'public void createConnectionFactory(java.lang.String)' has been decreased from public to protected

com.webmethods.portal.jms.um.UmJMSClient: Return type of method 'public javax.naming.Context createJNDIContext()' has been changed to void

com.webmethods.portal.jms.um.UmJMSClient: Accessibility of method 'public javax.naming.Context createJNDIContext()' has been decreased from public to private

com.webmethods.portal.jms.um.UmJMSClient: Accessibility of method 'public void createQueue(java.lang.String, boolean, int)' has been decreased from public to protected

com.webmethods.portal.jms.um.UmJMSClient: Accessibility of method 'public void

**Changed API****Description**

`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

`com.webmethods.portal.service.task.impl.TaskLockingService`: In method 'protected `com.webmethods.portal.service.task.ITaskLock createDbLock(com.webmethods.portal.service.sql.ISqlWorker,`



**Changed API****Description**

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.UmJMSSConnProvider: Class  
com.webmethods.jms.um.UmJMSSConnProvider 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

## 10.0 Copyright Information

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