

webMethods Composite Application Development 9.7 Readme

October 2014

This file contains important information you must read before using webMethods Composite Application Development 9.7. You can find webMethods Composite Application Development 9.7 user documentation on the [Documentation website](#) or the [TECHcommunity website](#). At those locations, you can also find the suite-related information listed below.

- webMethods Product Suite Release Notes*
- webMethods and Intelligent Business Operations System Requirements*
- webMethods System Cache Specifications*
- Using the Software AG Installer*
- Installing webMethods and Intelligent Business Operations Products*
- Using the Software AG Update Manager (fixes)*
- Upgrading webMethods and Intelligent Business Operations Products*
- Security and globalization information

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1.0 Critical Information

This section lists the 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](#).

None.

2.0 Known Issues

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

- WMC-2911 / WMC-2992
Drag and drop from Package Navigator to Bindings view results in a `java.lang.NullPointerException` error.
Dragging and dropping a new Web Services Descriptor to the bindings view does not display the new web service connector dialog and results in a NPE error in the logs.
There is currently no workaround for this issue.
- WMC-2974
Decision table does not open after switching.
When a user switches back and forth on Decision Tables, the first decision table selected no longer renders in the display.
There is currently no workaround for this issue.
- MWS-13375
OpenCAF script block control renders as a single line of JavaScript code.
The OpenCAF script block control renders as a single line of JavaScript code, causing two issues:
 1. Inline comments using `"/"` cause the remainder of the JavaScript to be treated as the comment.
 2. It is not possible to debug the JavaScript.The workaround is to use the HTML `<script>` tag directly instead of using a CAF control. For example, place the text you are using for the `scriptBlock` value inside a script tag as shown here:

```
<script type="text/JavaScript">  
  [TODO: your script here]  
</script>
```
- WMC-2844
Google Maps controls should remove support for the version 2 of Google Maps and provide guidance for customers using the deprecated options.
Version 2 of the Google Maps JavaScript API is no longer available. Please follow the guide (<https://developers.google.com/maps/documentation/javascript/v2/reference?csw=1>) to migrate your code to version 3 of the Google Maps JavaScript API. As of November 19, 2013, all applications requesting v2 are served a special wrapped version of the v3 API instead. We expect this wrapped version of the API to work for most simple maps, but we strongly encourage you to migrate to the v3 API immediately.

3.0 Usage Notes

This section provides additional information you need to work with the current release of webMethods Composite Application Development.

- WMC-2866
A new context menu item has been added in Designer for CAF projects: CAF Tools > Migrate to JSF 2.x. Selecting this menu option will open a wizard to migrate a JSF 1.x Project to JSF 2.x format or migrate .view files to a JSF 2.x format. See the "Working with Facelets" chapter in the "CAF Development Help" for more details.
- WMC-2877
In Designer, the structure of the .view page Palette control view has been modified to match the structure used for .xhtml pages.

4.0 Fixes Included in Each Release

This section lists the fixes that have been included in each release. Go to the Knowledge Center on the [Empower website](#) for detailed information about fixes.

Release 9.7

None.

Release 9.6

None.

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.

Release 9.7

- WMD-3528
The Task Node does not display in Solutions View.
After a Designer restart, the Task Node does not display in Solutions View in a Mobile Application Project.
This issue is now resolved.

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

Release 9.6

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

- BPMSWEB-1853

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

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

Proposed change is from the previous default java package:

com.webmethods.caf

to:

caf.\${project_type}.\${project_name}

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

This issue is now resolved.

6.0 Documentation Changes

This section describes significant changes to the documentation in each release, such as the addition, relocation, or removal of product guides, online help, chapters, or other major content.

Release 9.7

None.

Release 9.6

None.

7.0 Terminology Changes

Release 9.7

None.

Release 9.6

None.

8.0 Added, Removed, Deprecated, or Changed Items

This section lists features, functionality, controls, portlets, properties, or other items that have been added, removed, deprecated, or changed.

Release 9.7

Added Item	Description
Search Bar + Results portlet	A predefined portlet that provides both the search bar and the search results, requiring no portlet-to-portlet wiring. When you select this portlet type, use the Display Style list to select table results, tree results, or a display that can be toggled from table to tree.
Redisplay property	JSF 2.0 added a new property to <code>UIMessage</code> named "redisplay" that can be used to indicate whether a <code>FacesMessage</code> should be redisplayed if it has already been rendered by another control. This property value is set to "True" to render the message even if it has already been rendered by another control. The default value is true.

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

Removed Item	Replacement
<p>None.</p>	

Deprecated Item	Replacement
None.	

Changed Item	Description
Change "AppEditor Application" template selection name to "OpenCAF Shell"	When a user creates a new portlet application project, one of the currently available project templates names has been renamed from "AppEditor Application" to "OpenCAF Shell"
Changes to <code>javax.faces.PROJECT_STAGE</code> .	For version 9.7, the default value of the "javax.faces.PROJECT_STAGE" context parameter is set to "Development" when My webMethods Server is running in debug mode. When My webMethods Server is not running in debug mode, the value defaults to "Production". When the "javax.faces.PROJECT_STAGE" is set as "Development", the Mojarra JSF library included with CAF does some additional checks and will report some additional errors that you would not see otherwise. For more information, see: https://blogs.oracle.com/rlubke/entry/jsf_2_0_new_feature2 https://weblogs.java.net/blog/driscoll/archive/2009/09/28/jsf-20-reminder-project-stage
Change CAF WAR file build script to put the compiled classes into a JAR file.	Build scripts for WAR files now zip up all compiled classes into a JAR file that is placed in the WEB-INF/lib folder instead of copying each of the individual .class files into the WEB-INF/classes folder. This will help to reduce errors related to "Too many open files."
Changes when existing VDL files convert to new taglib values during runtime and import.	When importing a portlet application project or running the "migrate to JSF 2x" menu option, Designer converts existing VDL files taglibs to the updated values. Existing view files inside a My webMethods Server system have their values remapped when the file is read and no conversion is needed by the user.

Changed Item	Description
Changes to Script block	<p>A Script block works improperly in .xhtml VDL files. Users should convert their script blocks to basic script. For example:</p> <pre><script type="text/javascript"> <![CDATA[JavaScript content]]> </script></pre>

Release 9.6

Added Item	Description
None.	

Removed Item	Replacement
None.	

Deprecated Item	Replacement
BaseFacesBean.OUTCOME_OK BaseFacesBean.OUTCOME_ERROR	<p>With the implementation of JavaServer Faces (JSF) version 2.x, these two actions are now deprecated. With JSF version 2.x or later, if you haven't defined an explicit <navigation-rule> in faces-config.xml for the outcome string, then the outcome string returned from an action handler method is expected to be null or the viewId of the page to switch to. You would want to return null if you want to stay on the same page, or the target viewId if you want the action to switch to a different view. Please see section 7.4.2 of the JSF 2.x specification if you want more details about the default navigation handler algorithm. As a result, we marked the BaseFacesBean.OUTCOME_OK and BaseFacesBean.OUTCOME_ERROR fields as deprecated to discourage their usage in future projects. So if your portlet is returning OUTCOME_OK or OUTCOME_ERROR from your action handler, you probably want to return null instead.</p>

Deprecated Item	Replacement
The 'for' attribute of the 'Equal' validator	The 'for' attribute of the 'Equal' validator is deprecated and hidden because it is a reserved attribute name for validators in JSF facelets. Use 'componentId' as the attribute name instead. When loading/exporting/converting an existing .view file, the attribute is renamed automatically.
Default Navigation Rules	Default Navigation Rules are being deprecated as the rules are no longer needed for new projects.

Changed Item	Description
None.	

9.0 Added, Removed, Deprecated, or Changed Built-In Services

Release 9.7

None.

Release 9.6

None.

10.0 Added, Removed, Deprecated, or Changed Parameters

Release 9.7

None.

Release 9.6

None.

11.0 Added, Removed, Deprecated, or Changed APIs

Release 9.7

None.

Release 9.6

None.

12.0 Copyright Information

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13.0 Support

Visit the [Empower website](#) to learn about support policies and critical alerts, read technical articles and papers, download products and fixes, submit feature/enhancement requests, and more.

Visit the [TECHcommunity website](#) to access additional articles, demos, and tutorials, technical information, samples, useful resources, online discussion forums, and more.

CAF-RM-97-20141015