

webMethods Application Platform 9.9 Readme

October 2015

This file contains important information you must read before using webMethods Application Platform 9.9. You can find 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

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](#).

- **PLD-184**
Create Wrapper Bundle wizard fails to update the bundle version and symbolic name in the bundle manifest when you change the values after clicking the Back button.
When you create a wrapper bundle using the Create Wrapper Bundle wizard, available in the Bundle Manager view, you can return from the bundle manifest page to the initial wizard page by clicking the Back button. If you update the values for Bundle Version and Bundle Symbolic Name after you go back, the values will not be updated in the bundle manifest file when you click Next. Instead, the previously specified values will still be used in the manifest.
To work around this issue, close the Create Wrapper Bundle wizard, restart the bundle creation process, and enter the correct values for bundle version and symbolic name.
- **PLD-209**
Create Bnd Template action generates a Bnd file with absolute path values for the “Include-Resource” and the “-wab” directive.
If you create a custom Bnd file using the Create Bnd Template action from your Application Platform project’s context menu, the created Bnd file has absolute path references to the resources in the project for the “Include-Resource” and the “-wab” Bnd directives. This can cause issues with the portability of the project, as well as invalid path issues during builds, based in Asset Build Environment.
To work around this issue, edit the generated bnd.bnd file and update the absolute paths with paths that are relative to the build output directory. Alternatively, for “-wab” directives, you can add the src/main/webapp folder to the build path in the Source tab of the project’s Build Path dialog box.
For updating “Include-Resource” directives, refer to the following example. If you initially have the following “Include-Resource” value in the bnd.bnd file:
Include-Resource=Messages_en.properties\=/home/guest/work/applatform/trunk/pld/test/projects/greeter-service/src/main/resources/Messages_en.properties, META-INF/spring/blueprint-config.xml\=META-INF/spring/blueprint-config.xml
You must update only the paths for the file resources, so that the assignment value is removed. The updated entry would look like this:
Include-Resource=Messages_en.properties, META-INF/spring/blueprint-config.xml\=META-INF/spring/blueprint-config.xml
For updating “-wab” directives, refer to the following example. If you initially have the following “-wab” value in the bnd.bnd file:

```
-wab=index.jsp\=/home/guest/projects/greeter-web/src/main/webapp/index.jsp,  
index.html\=/home/guest/projects/greeter-web/src/main/webapp/index.html, WEB-  
INF/web.xml\=/home/guest/projects/greeter-web/src/main/webapp/WEB-INF/web.xml, META-  
INF/MANIFEST.MF\=/home/guest/projects/greeter-web/src/main/webapp/META-  
INF/MANIFEST.MF
```

You must update the “-wab” entry value, so that the entries from the webapp folder are listed like this:

```
-wab=index.html,index.jsp, WEB-INF/web.xml\=WEB-INF/web.xml, META-  
INF/MANIFEST.MF\=META-INF/MANIFEST.MF
```

- PLS-22

Application Platform server bundles that access IS services do not use a configurable property for user ID.

When you invoke IS services via java wrapper code in Application Platform projects, the invocation is done with a fixed and configured username, “Administrator.” Thus, if you are using a web application, the credentials of the user that is currently logged in, are not used for invoking the IS service. This can cause issues if you have not configured the IS services you want to invoke to use administrator user privileges.

To work around this issue, make sure that the IS services that are invoked by your Application Platform project are configured to use administrator user privileges.

- PLS-57

Asset Build Environment build fails during the asset publish phase with `IllegalArgumentException`. When you build an Application Platform project with Asset Build Environment in order to publish the project using Deployer, the Asset Build Environment build fails during the asset publish phase with `IllegalArgumentException`, which indicates an invalid file path. Because of this, the project bundle and the ACDL file are not generated for the project in the configured repository and the project cannot be deployed using Deployer. This issue is only observed in a Linux environment. There is currently no workaround for this issue.

- PLS-59

The Asset Build Environment plugin for Application Platform does not support custom Bnd files. You can create custom Bnd configuration files for your Application Platform project bundles. Bnd configuration files allow you to customize your project bundles before you build and deploy them to the runtime. These files are generated for each project in the following location: `src/main/resources/OSGI-OPT/bnd.bnd`. When you build a project with a custom Bnd file using the Asset Build Environment, the Asset Build Environment plugin for Application Platform does not use the custom file.

To work around this issue, rename the custom Bnd file from `bnd.bnd` to `MANIFEST.MF` and copy or move the file from `src/main/resources/OSGI-OPT` to `src/main/resources/META-INF`.

- PLS-71

An `IOException` is thrown when you deploy bundles that contain a configuration property file. An `IOException`, stating that the property file already exists, is thrown and displayed in the server console if any project that contains a dynamic configuration property file has been deployed previously. You can observe this error if you restart Integration Server after you have successfully

deployed the project.

You can ignore this error, as it does not affect the functionality of the deployed project.

3.0 Usage Notes

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

- In release 9.8 Application Platform provides an option for generating the project bundle manifest with the Create Project Manifest action of the project context menu. This action allows you to generate the bundle manifest file, MANIFEST.MF, in the src/main/resources/META-INF directory under the project root folder. You can customize bundle metadata by updating the manifest file. In release 9.9 the Create Project Manifest action is replaced with the Create Bnd Template action. This action allows you to generate a Bnd configuration file, bnd.bnd, in the src/main/resources/OSGI-OPT directory under the project root folder. If you customize the Bnd template, the contents of the project bundle manifest file are updated dynamically when you create a project bundle in Designer, or when you deploy your project to the runtime container. If you have created custom manifest files in version 9.8 and you are now using version 9.9, you can switch to the new Create Bnd Template option and recreate your custom manifests to Bnd templates. The Bnd configuration file replaces the earlier generated Manifest files and provides a more flexible way for customizing the project bundle manifest.
- You can only install Application Platform on the Integration Server instance that is created during the installation of Integration Server. You cannot install Application Platform on other Integration Server instances.

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.

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.

6.0 Documentation Changes

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

Release 9.9

The following guides will be available on the Empower website:

- *webMethods Application Platform Tutorial*
- *webMethods Application Platform User's Guide*
- *webMethods Application Platform API Guide*

7.0 Terminology Changes

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

8.0 Added, Removed, Deprecated, or Changed Items

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

Release 9.9

Added Item	Description
Create Bnd template menu option in the App Platform context menu	Generates a Bnd configuration file, <code>bnd.bnd</code> , in the <code>src/main/resources/OSGI-OPT</code> directory under the project root folder. If you customize the Bnd template, the contents of the project bundle manifest file are updated dynamically when you create a project bundle in Designer, or when you deploy your project to the runtime container.
Removed Item	Replacement, if any
Create Project Manifest menu option in the App Platform context menu	The Create Bnd template menu option, which generates a Bnd configuration file that allows you to update the contents of the project bundle manifest file dynamically.

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

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

10.0 Added, Removed, Deprecated, or Changed Parameters

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

11.0 Added, Removed, Deprecated, or Changed APIs

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

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 [Software AG Developer Community](#) to access additional articles, demos, and tutorials, technical information, samples, useful resources, online discussion forums, and more.

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