

HP Third Party Integration

For Windows operating system

Third Party Content Pack Version 1.1.0
for HP OO Software Version 10.x

Third Party Release Notes

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Contents

Third Party Release Notes	1
Contents	4
Introduction	5
Implementation Instructions	6
Deploying the Third Party Content Pack	8
Excluded Third Party Content	9
Integrations	12
SAP Integration	12
Weblogic Integration	12
Websphere Integration	13

Introduction

This document provides an overview of the HP Operations Orchestration Third Party Content Pack 1.1.0 release. It contains important information that is not included in the manuals or in the online help.

This release supports the following languages:

- en - English
- fr - French
- de - German
- ja - Japanese
- es - Spanish
- zh_CN - Simplified Chinese

Third Party Content Pack 1.1.0 is a cumulative Content Pack.

It helps you to use third-party libraries in Operations Orchestration which cannot be distributed by Hewlett Packard.

Implementation Instructions

To implement the 3rd Party Content Pack:

1. Extract the jar file **third-party-cp.jar** into the **third-party-cp** folder.
2. Locate the necessary .jar file and the GAV (group, artifact, version) information for it. A list with all the third party jars and their GAVs can be found below.
3. Rename the jar/dll using the new name found in the list below or another list such as the Premium content packs lists.
4. Create the following folder structure in the third-party-cp folder:

third-party-cp\Lib\groupId\artifactId\version

For example, for ws-runtime.jar the folder structure is:

third-party-cp\Lib\com\ibm\websphere\ws_runtime\6.1.0

where **groupId=com.ibm.websphere**, **artifactId=ws_runtime** and **version=6.1.0**.

5. Copy the renamed jar to this location.
6. Create a .pom file with the same name as the renamed jar in the following structure:

```
<?xml version="1.0" encoding="UTF-8"?>
<project xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
  http://maven.apache.org/xsd/maven-4.0.0.xsd"
  xmlns="http://maven.apache.org/POM/4.0.0"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<modelVersion>4.0.0</modelVersion>

<groupId>groupId</groupId>

<artifactId>artifactId</artifactId>

<version>version</version>

<!-- If a .dll file has to be added the following line
needs to be uncommented -->

<!-- <packaging>dll</packaging> -->

</project>
```

For example, for **ws-runtime.jar** the .pom file will be named **ws_runtime-6.1.0.pom** and will contain:

```
<?xml version="1.0" encoding="UTF-8"?>  
<project xsi:schemaLocation="http://maven.apache.org/POM/4.0.0  
http://maven.apache.org/xsd/maven-4.0.0.xsd"  
xmlns="http://maven.apache.org/POM/4.0.0"  
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">  
<modelVersion>4.0.0</modelVersion>  
<groupId>com.ibm.websphere</groupId>  
<artifactId>ws_runtime</artifactId>  
<version>6.1.0</version>  
</project>
```

7. Copy the .pom file into the **third-party-cp\Lib\groupid\artifactId\version** folder created in step 4.
8. Zip the files under the **third-party-cp** folder into **third-party-cp.zip**. Make sure that you zip the files and not the folder.
9. Change the extension from **.zip** to **.jar** and deploy it to Central/Studio.

Deploying the Third Party Content Pack

It is recommended to deploy the HP Operations Orchestration Third Party Content Pack 1.1.0 on an existing OO platform version of 10.02 or later.

For details on deploying a content pack, see "Importing Content Packs to a Project" in the *Studio Authoring Guide* and "Deploying a Content Pack" in the *Central User Guide*.

Note: For details on how to uninstall/rollback a content pack, see "Roll back to the last deployment" in the *HP OO Central User Guide*.

Excluded Third Party Content

	Original Jar Name	New Name	groupId	artifactId	Version
1	ws_runtime.jar	ws_runtime-6.1.0.jar	com.ibm.websphere	ws_runtime	6.1.0
2	com.bea.core.annogen_1.2.0.0.jar	com.bea.core.annogen-1.2.0.0.jar	weblogic	com.bea.core.annogen	1.2.0.0
3	com.bea.core.common.security.api_1.0.0.0_5-0-2-0.jar	com.bea.core.common.security.api-1.0.0.0_5-0-2-0.jar	weblogic	com.bea.core.common.security.api	1.0.0.0_5-0-2-0
4	com.bea.core.common.security.providers.env_1.0.0.0_5-0-2-0.jar	com.bea.core.common.security.providers.env-1.0.0.0_5-0-2-0.jar	weblogic	com.bea.core.common.security.providers.env	1.0.0.0_5-0-2-0
5	com.bea.core.datasource_1.4.0.0.jar	com.bea.core.datasource-1.4.0.0.jar	weblogic	com.bea.core.datasource	1.4.0.0
6	com.bea.core.descriptor.j2ee.binding_1.1.0.0.jar	com.bea.core.descriptor.j2ee.binding-1.1.0.0.jar	weblogic	com.bea.core.descriptor.j2ee.binding	1.1.0.0
7	com.bea.core.descriptor.j2ee_1.1.0.0.jar	com.bea.core.descriptor.j2ee-1.1.0.0.jar	weblogic	com.bea.core.descriptor.j2ee	1.1.0.0
8	com.bea.core.descriptor.wl.binding_1.1.0.0.jar	com.bea.core.descriptor.wl.binding-1.1.0.0.jar	weblogic	com.bea.core.descriptor.wl.binding	1.1.0.0
9	com.bea.core.descriptor.wl_1.1.0.0.jar	com.bea.core.descriptor.wl-1.1.0.0.jar	weblogic	com.bea.core.descriptor.wl	1.1.0.0
10	com.bea.core.descriptor_1.4.0.0.jar	com.bea.core.descriptor-1.4.0.0.jar	weblogic	com.bea.core.descriptor	1.4.0.0
11	com.bea.core.diagnostics.core_2.1.0.0.jar	com.bea.core.diagnostics.core-2.1.0.0.jar	weblogic	com.bea.core.diagnostics.core	2.1.0.0

Third Party Release Notes
Excluded Third Party Content

	Original Jar Name	New Name	groupid	artifactId	Version
12	com.bea.core.i18n_1.4.0.0.jar	com.bea.core.i18n-1.4.0.0.jar	weblogic	com.bea.core.i18n	1.4.0.0
13	com.bea.core.logging_1.4.0.0.jar	com.bea.core.logging-1.4.0.0.jar	weblogic	com.bea.core.logging	1.4.0.0
14	com.bea.core.management.core_2.3.0.0.jar	com.bea.core.management.core-2.3.0.0.jar	weblogic	com.bea.core.management.core	2.3.0.0
15	com.bea.core.messaging.kernel_1.4.0.0.jar	com.bea.core.messaging.kernel-1.4.0.0.jar	weblogic	com.bea.core.messaging.kernel	1.4.0.0
16	com.bea.core.resourcepool_1.4.0.0.jar	com.bea.core.resourcepool-1.4.0.0.jar	weblogic	com.bea.core.resourcepool	1.4.0.0
17	com.bea.core.store.gxa_1.4.0.0.jar	com.bea.core.store.gxa-1.4.0.0.jar	weblogic	com.bea.core.store.gxa	1.4.0.0
18	com.bea.core.store_1.4.0.0.jar	com.bea.core.store-1.4.0.0.jar	weblogic	com.bea.core.store	1.4.0.0
19	com.bea.core.transaction_2.5.0.0.jar	com.bea.core.transaction-2.5.0.0.jar	weblogic	com.bea.core.transaction	2.5.0.0
20	com.bea.core.utils.classloaders_1.4.0.0.jar	com.bea.core.utils.classloaders-1.4.0.0.jar	weblogic	com.bea.core.utils.classloaders	1.4.0.0
21	com.bea.core.utils.full_1.4.0.0.jar	com.bea.core.utils.full-1.4.0.0.jar	weblogic	com.bea.core.utils.full	1.4.0.0
22	com.bea.core.utils.wrapper_1.3.0.0.jar	com.bea.core.utils.wrapper-1.3.0.0.jar	weblogic	com.bea.core.utils.wrapper	1.3.0.0
23	com.bea.core.workarea_1.4.0.0.jar	com.bea.core.workarea-1.4.0.0.jar	weblogic	com.bea.core.workarea	1.4.0.0
24	com.bea.core.xml.beaxmlbeans_1.0.0.0_2-4-0.jar	com.bea.core.xml.beaxmlbeans-1.0.0.0_2-4-0.jar	weblogic	com.bea.core.xml.beaxmlbeans	1.0.0.0_2-4-0
25	com.bea.core.xml.stax_1.1.0.0.jar	com.bea.core.xml.stax-1.1.0.0.jar	weblogic	com.bea.core.xml.stax	1.1.0.0
26	com.bea.core.xml.staxb.buildtime_1.3.0.0.jar	com.bea.core.xml.staxb.buildtime-1.3.0.0.jar	weblogic	com.bea.core.xml.staxb.buildtime	1.3.0.0
27	com.bea.core.xml.staxb.runtime_1.3.0.0.jar	com.bea.core.xml.staxb.runtime-1.3.0.0.jar	weblogic	com.bea.core.xml.staxb.runtime	1.3.0.0

Third Party Release Notes
 Excluded Third Party Content

	Original Jar Name	New Name	groupId	artifactId	Version
28	com.bea.core.xml.weblogic.xpath_h_1.1.0.0.jar	com.bea.core.xml.weblogic.xpath-1.1.0.0.jar	weblogic	com.bea.core.xml.weblogic.xpath	1.1.0.0
29	com.bea.core.xml.xmlbeans_1.0.0.0_2-4-0.jar	com.bea.core.xml.xmlbeans-1.0.0.0_2-4-0.jar	weblogic	com.bea.core.xml.xmlbeans	1.0.0.0_2-4-0
30	wlclient.jar	wlclient-10.3.0.0.jar	weblogic	wlclient	10.3.0.0
31	wljmsclient.jar	wljmsclient-10.3.0.0.jar	weblogic	wljmsclient	10.3.0.0
32	wljmxclient.jar	wljmxclient-10.3.0.0.jar	weblogic	wljmxclient	10.3.0.0
33	sapjco3.jar	sapjco3-3.0.7.jar	com.sap	sapjco3	3.0.7
34	sapjco3.dll	sapjco3-7200.88.18.64609.dll	com.sap	sapjco3	7200.88.18.64609

Integrations

SAP Integration

The SAP integration includes the operation Invoke SAP BAPI, from the folder Library/Integrations/SAP/Wizard.

For this operation to work, copy the following artifacts:

- sapjco.jar
- sapjco.dll

Note: If the SAP Jco is not installed on your system, you can download it from:

service.sap.com/connectors

Weblogic Integration

The WebLogic integration includes the operations and flows from Middleware Content Pack in the following folders:

- Library/Operations/Application Servers/BEA WebLogic/
- Library/Accelerator Packs/Application Servers/BEA WebLogic/

For WebLogic 10.3 integration, copy the following .jar files:

- %WebLogic_Install_Directory%/wlserver_10.3/server/lib/wljmsclient.jar
- %WebLogic_Install_Directory%/wlserver_10.3/server/lib/wljmxclient.jar
- %WebLogic_Install_Directory%/wlserver_10.3/server/lib/wlclient.jar

Copy all the com.bea.core.*jar files in **%WebLogic_Install_Directory%/wlserver_10.3/server/lib/wseeclient.zip**:

- • %WebLogic_Install_Directory%/modules/com.bea.core.utils.wrapper_1.3.0.0.jar
- • %WebLogic_Install_Directory%/modules/com.bea.core.weblogic.socket.api_1.0.0.0.jar

For WebLogic 9.2 integration, copy the following .jar files:

- %WebLogic_Install_Directory%/weblogic92/server/lib/wljmxclient.jar
- %WebLogic_Install_Directory%/weblogic92/server/lib/wlclient.jar

Websphere Integration

The Websphere integration includes the operations and flows from the Middleware Pack in the following folders:

- Library/Operations/Application Servers/Websphere/
- Library/Accelerator Packs/Application Servers/Websphere/

For Websphere 6.1 integration copy the **ws_runtime.jar** file from WebSphere install path < **WebSphere installation folder >/bin/ProfileManagement/plugins/com.ibm.websphere.v61_6.1.0/**.

