

HP Operations Orchestration

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Windows and Linux Operating Systems

Third Party Content Pack Wizard User Guide

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Introduction

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With this wizard, you can generate a new third-party content pack with any required third party jars, which are not delivered with the out-of-the-box content packs.

Purpose of the Third Party Content Pack Wizard

The main advantage of this wizard is automation.

This helps you to avoid repeating the same time-consuming process of creating the **third-party-cp.jar** content pack. You can perform the steps in the wizard as an alternative to using the steps described in **oo10-third-party-cp-release-notes-en.pdf**.

Supported Versions

HP Operations Orchestration Version	PowerShell Wizard Version
HP OO 10.20	10.20

Getting Started with the Third Party Content Pack Wizard

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Installing the Third Party Content Pack Wizard

The wizard is installed if Studio is selected from the Operations Orchestration installer.

Third Party Content Pack Wizard Logs

The logs are located in the `<OOInstallPath>\studio\tools\logs\third-party-cp-wizard.log` file.

Uninstalling the Third Party Content Pack Wizard

The wizard is uninstalled when Studio is uninstalled.

Third Party Content Pack Wizard Requirements

The following are the minimum software requirements for systems running Third Party Content Pack Wizard for HP Operations Orchestration:

The environment must have Java SE Runtime Environment 7 (also known as JRE) installed (for running the wizards).

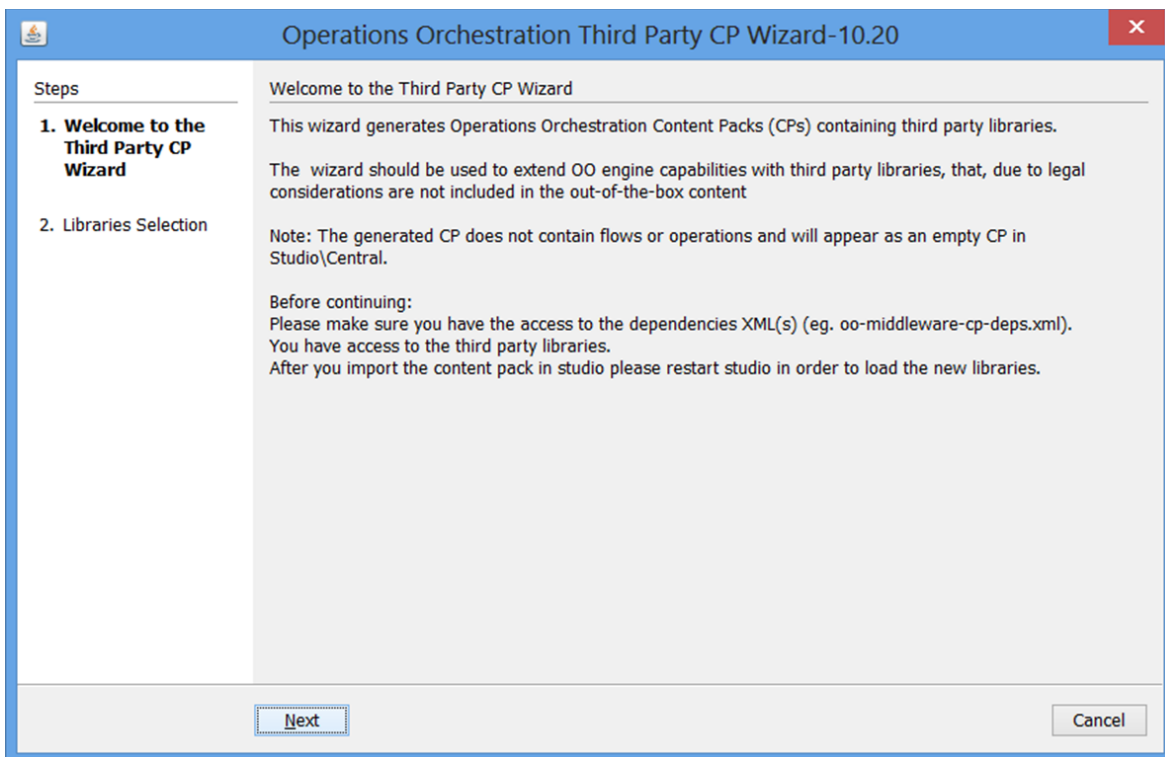
Third Party Content Pack Wizard Steps

To start the wizard, run the **third-party-cp-wizard.bat** file.

Step 1. Welcome Page

When you start the Third Party Content Pack wizard, the **Welcome** page is displayed.

Click **Next** to continue.



Step 2. Libraries Selection Page

In this step, you will import an XML file containing the third party definitions that are needed to generate the third party content pack. This is a standard file that is required for a content pack that has missing third party files, which cannot be delivered with the content pack.

Each entry in the file should have the following format:

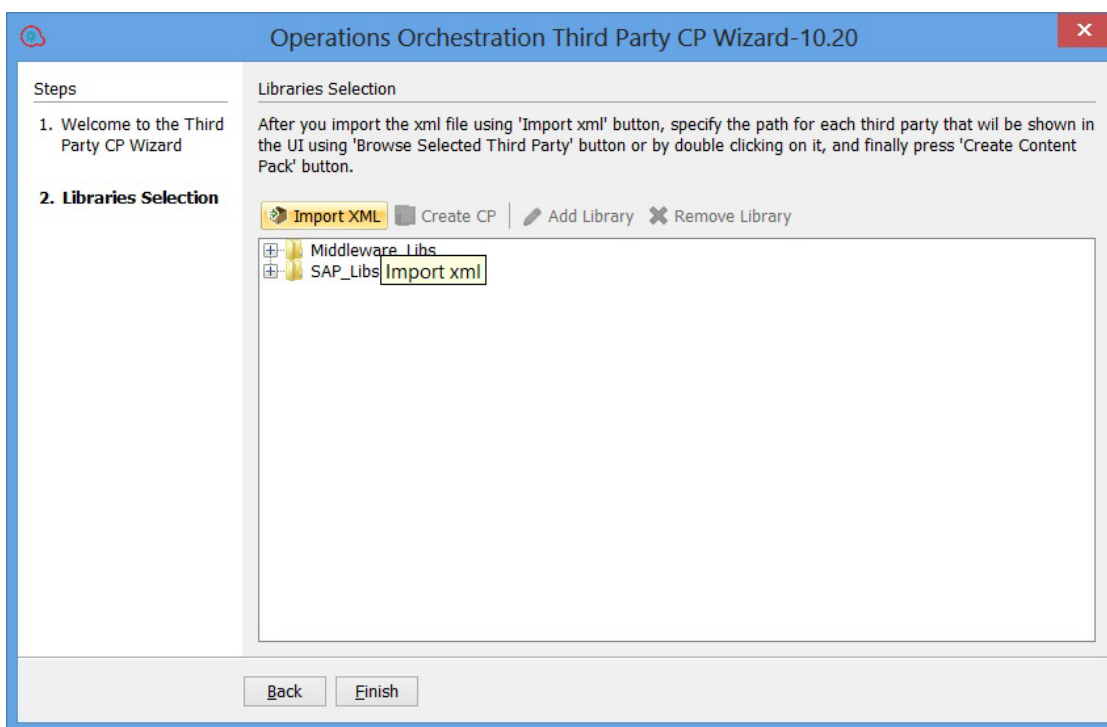
```
<dependencies>
```

```
...  
  <dependency>  
    <groupId>weblogic</groupId>  
    <artifactId>weblogic</artifactId>  
    <version>10.3</version>  
  </dependency>  
  ...  
</dependencies>
```

Based on these entries, Studio and Central will validate a content pack with those missing dependencies.

Currently, there are three XML lists for **oo10-base-cp**, **oo10-middleware-cp**, and **oo10-sap-cp**.

1. Click the **Import XML** button to import one or more third party lists.

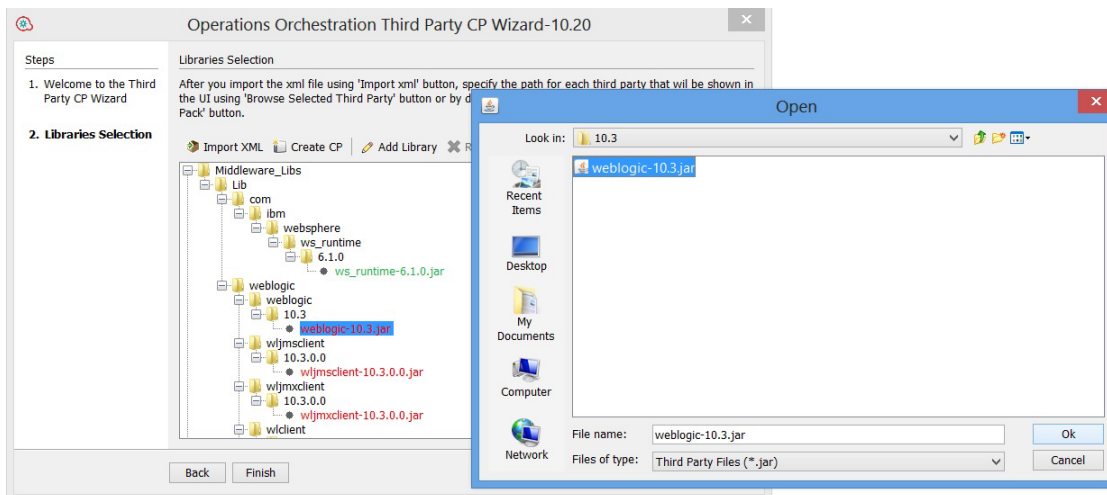


2. Click the **+** button to expand the list.

Note: Alternatively, you can use the **Shift + Space** shortcut.

3. After the list is expanded, select an item, click the **Edit** button, and select the path to the selected third party file.

Note: The **Edit** button is enabled only when a third party item is selected.

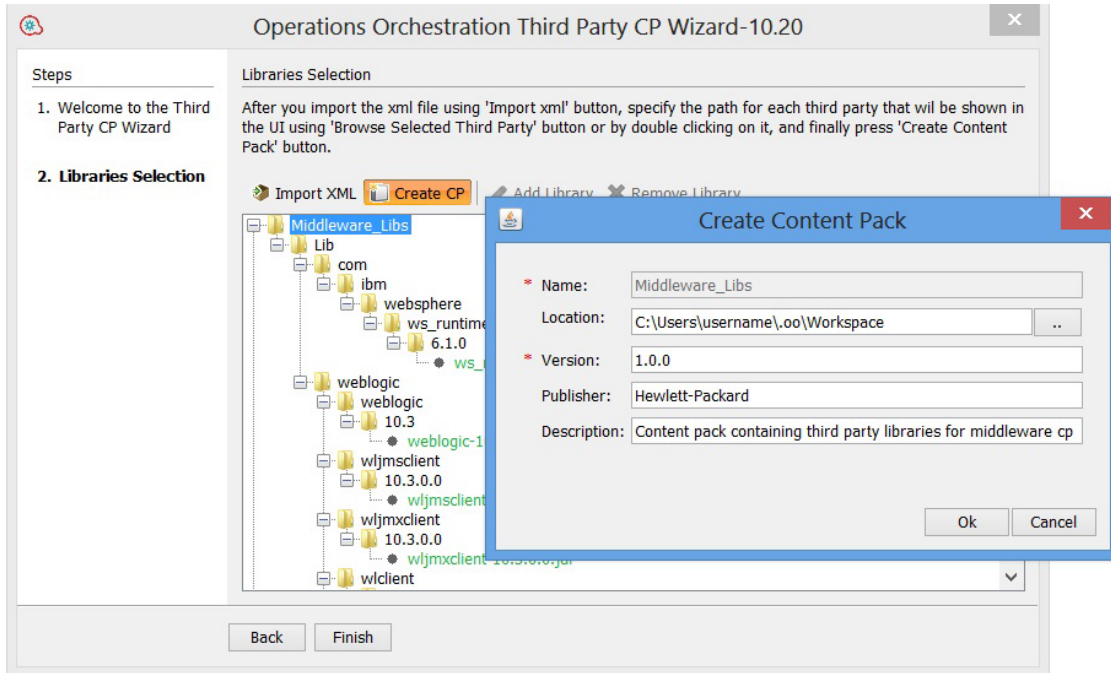


Note: You can also double-click any third party item and provide the path.

4. By default, when the list is loaded, all items are red. When you give an item the path to a third party file on the disk, the item changes color to green. In most cases, you will need to provide all required third party files to the list. However, there are cases where this is not needed, because you are using only some specific third party files from a content pack. In that case, you will just need to provide the required third party files.

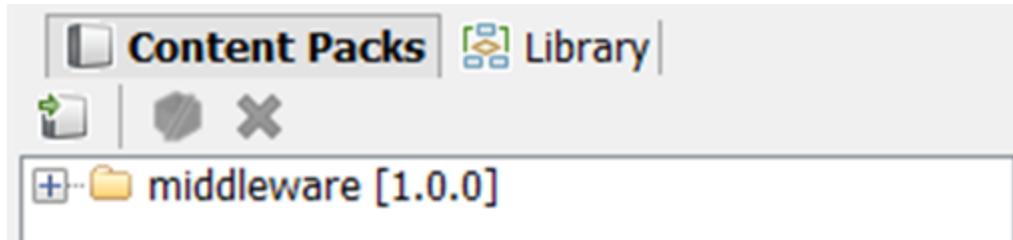
After you have provided a real path for all the third party files that you need, click the **Create CP** button to continue with the generation of the content pack.

Note: You need to select the root element of the corresponding list to enable the **Create CP** button.



5. In the Create Content Pack dialog box, enter the content pack name, location, and version (the same details as in the corresponding Studio dialog box). It is optional to enter information about the publisher and to add a description of the content pack.

The result is a content pack that can be imported into Studio or Central. For example:



Note: In Central, you will not see a deployed content pack.

Third Party Wizard Command Line Tool

The wizard lets you use a command line tool to generate a content pack from the command line.

To start the wizard in command line mode:

1. Navigate to the wizard jar location at `<OOInstallPath>\studio\tools\lib` and start a command line here.
2. Run the following java command:

```
java -jar third-party-cp-wizard-jar-with-dependencies.jar -help.
```

After using this command, you will see a list of arguments that can be passed to the wizard in order to generate a content pack.

The most important constraint in command line generation is that all libraries need to respect the format `[artifactId]-[version].[type]` that is present in the XMLinput list. The default type format is jar.

If an entry in the XML file is in the format shown below, you need to provide a library in the `-third-parties-paths` argument using the `artifactId-version.type` format. In this case, you will need to have the **weblogic-10.3.jar** on disk. This helps the wizard to map between the XML list provided in the `-xmlPath` argument and the items provided in the `-third-parties-paths` argument. In the `-third-parties-paths` argument, you will provide the real paths of the jars needed by the wizard.

```
<dependency>  
  <groupId>weblogic</groupId>  
  <artifactId>weblogic</artifactId>  
  <version>10.3</version>  
</dependency>
```

Troubleshooting

If a content pack cannot be generated, check whether:

- The third party files on the disk are locked or in use
- The path where you want to save the content pack is locked
- The content pack jar file is already generated and locked

By default, if you try to generate a content pack with the same name as an existing one, the original content pack is overwritten by the wizard.

