

File Conversion Service Connector

Installation and Setup Guide

Version: 2.1.x

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Date: August 2020

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About the connector

Perceptive File Conversion Service (FCS) Connector, built on Perceptive Connect Runtime, leverages the Perceptive File Conversion Service to render and display raster images from Perceptive Content or third-party sources. The connector is also used to convert non-raster files to TIFF, PDF, and PNG images. The FCS connector provides a convenient and readily available service that runs in Perceptive Connector Runtime for connectors that require functionality provided by Perceptive Document Filters.

Install the connector

You can install File Conversion Service Connector, version 2.1.0 and related files manually using Perceptive Connect Runtime Web Console or from the “Upload new bundles” section. You must install the connector on the same computer as the Perceptive Connect Runtime service.

You can obtain the File Conversion Service Connector installation files and store them in a temporary directory on your computer for installation purposes.

Install the connector using the drag-and-drop feature

To install the connector using Perceptive Connect Runtime, complete the following steps.

1. In a browser, type the address in the format `http://<Perceptive Connect Runtime machine name>:<port>`.
2. In the left pane, under **Manage**, click **Install a Connector**.
3. In **Perceptive Connect Runtime**, on the **Upload new bundles** page, drag the **fileconversionsservice.core-2.1.0.jar** file to the area designated by the box. You can also click Manual upload to upload the files manually.

Result Complete, queued, and processing files appear at the bottom of the page. After Perceptive Connect Runtime processes an item, a summary of the processed files, as well as an overview describing how many channels were affected by the installation, are displayed.

Note: The affected channel summary contains the following lists.

- **Fixed.** Channels that previously failed to validate and became valid after the installation.
 - **Broken.** Channels that previously validated and became invalid after the installation.
 - **Unknown.** Channels that PCR cannot verify as valid or invalid for the report. Usually, this is a byproduct of older channels with trigger parameters that are not stored in the database as plain text.
4. Perform one of the following actions.
 - Click **Accept** to accept the installation.
 - Click **Roll back** to undo the installation.

Note: You must accept or roll back the installation before PCR can process the next item. The bundle installation summary contains the following categories.

- **Installed.** Bundles installed from the file or archive and uploaded by the user.
- **Failed.** Bundles that failed to install. This includes a message with the reason for failure.
- **Skipped.** Files that PCR cannot install, such as non-JAR files.

Install the connector manually

You can install the FCS connector from the Perceptive Connect Runtime Web Console page. You can also install the connector by clicking Manual upload in the Upload new bundles page.

To install the FCS connector, complete the following steps.

1. In a browser, navigate to the **Perceptive Connect Runtime Web Console URL** in the format `http://<Perceptive Connect Runtime machine name or IP>:<port>`.
2. In the browser dialog box, enter the Web Console user name and password.

Note: The default user name and password are `admin`. However, the administrator can change the default values during the Perceptive Connect Runtime installation process.

3. In the **OSGI Bundles** page, click **Install/Update**.
4. In the **Upload/Install Bundles** dialog box, complete the following substeps.
 1. Select the **Start Bundle** check box.
 2. Clear the **Refresh Packages** check box.

Note: The **Start Level** remains at the default value.

5. Click **Choose Files** and navigate to the connector in your temporary directory.
6. Select the `fileconversionsservice.core-2.1.0.jar` file, and click **Open**.
7. Click **Install or Update**.

Configure the connector

To configure the File Conversion Service Connector, complete the following steps.

1. In the **Connect Runtime Web Console**, in the left pane, under **Manage**, click **Configure**.
2. In the **Name** column, under **File Conversion Service Configuration Manager**, click **Edit the configuration values**.
3. In the **Server URL** box, type the URL address of the server where File Conversion Service is installed.
4. In the **Set job clean up frequency (minutes)** box, type the time after which the clean up job must run.
5. In the **Delete inactive session after (minutes)** box, type the time after which inactive sessions must be deleted.
6. Click **Save**.