

Managing Plug-Ins

Managing Plug-Ins

Managing plug-ins with Rosetta involves accessing file directories on the server and working with the Rosetta Administration interface.

Before you begin:

- Have the JAR file containing your plug-in.

To install and configure the plug-in:

1. Upload the JAR file to the application custom plug-in input directory.
The location of the input directory is relative to the `operational_shared` directory (can be found in the `HfrGeneralParameters` table's `operational_shared` parameter). The full path is `.../operational_shared/plugins/custom/`.
2. Install the plug-in using the application plug-in management UI.
 - a. On the custom Plugin List page (Administration > System Configuration > General > Plug- In Management), click the **Add Plug-In instance** button.

The screenshot shows the 'Plug-In Management' interface. At the top, there are tabs for 'Bundled' and 'Custom', with 'Custom' selected. Below the tabs is a search area with a 'Filter' dropdown set to 'All', a 'Find:' input field, and a 'Go' button. There is also an 'Add Plug-In instance' button. The main area contains a table with 10 rows of plug-in information. Each row has columns for 'Active' (with a green checkmark), 'Plug-In Type Name', 'Plug-In Name', 'Description', 'Contact Person', 'Plug-In Version', and three action buttons: 'View', 'Edit', and 'Delete'. The table is paginated, showing '1 - 10 of 117 Plug-In' and page numbers 1, 2, 3, and a '»' button. At the bottom left of the table area is a 'Back' button.

	Active	Plug-In Type Name	Plug-In Name	Description	Contact Person	Plug-In Version			
1	✓	MDEXtractorPlugin	AIFF-hul	AIFFHULMDEXtractorPlugin	Exlibris Ltd	2.2	View	Edit	Delete
2	✓	MDEXtractorPlugin	AIFF-hul-1.10	AIFFHULMDEXtractorPlugin	Exlibris Ltd	3.0	View	Edit	Delete
3	✓	MDEXtractorPlugin	AIFF-hul-1.17	AIFFHULMDEXtractorPlugin	Exlibris Ltd	5.0	View	Edit	Delete
4	✓	MDEXtractorPlugin	ASCI-hul-1.10	ASCIHULMDEXtractorPlugin	Exlibris Ltd	3.0	View	Edit	Delete
5	✓	MDEXtractorPlugin	ASCI-hul-1.17	ASCIHULMDEXtractorPlugin	Exlibris Ltd	5.0	View	Edit	Delete
6	✓	MDEXtractorPlugin	BYTESTREAM-hul	BYTESTREAMHULMDEXtractor	Exlibris Ltd	2.2	View	Edit	Delete
7	✓	MDEXtractorPlugin	BYTESTREAM-hul-1.10	BYTESTREAMHULMDEXtractor	Exlibris Ltd	3.0	View	Edit	Delete
8	✓	MDEXtractorPlugin	BYTESTREAM-hul-1.17	BYTESTREAMHULMDEXtractor	Exlibris Ltd	5.0	View	Edit	Delete
9	✓	FieldValidatorPlugin	ChecksumDigitValidatorPlugin	RegexFieldValidator	Exlibris Ltd	3.0	View	Edit	Delete
10	✓	PIGenerator	CMSGenerator	CMS sequence Generator	Exlibris Ltd	4.0	View	Edit	Delete

Plug-In Management Page

A list of available plug-ins opens. The plug-in you installed should appear in the list. Scroll or use the Filter or Find feature to help you find it.

Plug-In Management / Details

Filter: All

	Plug-In Name	File Name	Plug-In Type Name	Plug-In Type	
1	AIFF-hul	AIFFHUL-MDextractor.jar	MDExtractorPlugin	java	Install
2	AIFF-hul-1.10	AIFFHULMDExtractor1_10Plugin.jar	MDExtractorPlugin	java	Install
3	AIFF-hul-1.17	AIFFHULMDExtractor1_17Plugin.jar	MDExtractorPlugin	java	Install
4	ASCII-hul-1.10	ASCIHULMDExtractor1_10Plugin.jar	MDExtractorPlugin	java	Install
5	ASCII-hul-1.17	ASCIHULMDExtractor1_17Plugin.jar	MDExtractorPlugin	java	Install
6	BYTESTREAM-hul	BYTESTREAMHUL-MDextractor.jar	MDExtractorPlugin	java	Install
7	BYTESTREAM-hul-1.10	BYTESTREAMHULMDExtractor1_10Plugin.jar	MDExtractorPlugin	java	Install
8	BYTESTREAM-hul-1.17	BYTESTREAMHULMDExtractor1_17Plugin.jar	MDExtractorPlugin	java	Install
9	ChecksumDigitValidatorPlugin	ChecksumDigitValidator.jar	FieldValidatorPlugin	java	Install
10	CMSGenerator	CMSGenerator.jar	PIGenerator	java	Install
11	Create Alma Digital Inventory	AlmaIntegrationCreatePlugin.jar	RepositoryTaskPlugin	java	Install
12	DCReplacePlugin	DCReplacePlugin.jar	RepositoryTaskPlugin	java	Install
13	decomposeArcFile	ArcDecomposerPlugin.jar	DecomposerPlugin	script	Install
14	Delete Alma Digital Inventory	AlmaIntegrationDelPlugin.jar	RepositoryTaskPlugin	java	Install
15	DummySleepTaskPlugin	DummySleepTaskPlugin.jar	RepositoryTaskPlugin	java	Install
16	FFDroidIdentifier	FFDroidIdentifier.jar	FormatIdentificationPlugin	java	Install
17	FigShare-Publisher	FigShare-Publisher.jar	PublisherRegistryPlugin	java	Install
18	FlexPaperViewerPreProcessor	FlexPaperViewerPreProcessor.jar	VPPPlugin	java	Install
19	FLV-MP4MergerMigrationTool	FLV-MP4MergerMigrationTool.jar	MigrationToolPlugin	script	Install
20	FullTextViewerPreProcessor	FullTextViewerPreProcessor.jar	VPPPlugin	java	Install

List of Available Plug-Ins

- b. When you find the plug-in you want to install, click the corresponding **Install** link.
- c. The Plug-In Information page for that plug-in opens.

Plug-In Management / Details

Plugin Information

Plug-In Id	-	Plug-In Name	<input type="text" value="DCReplacePlugin"/>
Plug-In Type Name	RepositoryTaskPlugin	Implementation Type	java
Implementation Name	com.exlibris.dps.repository.pl...	Interface	-
Owner	-	Material Type	DIGITAL
Family Type	TASK	Description	<input type="text" value="Finds and replaces a DublinCore field value"/>
Resource Type	-	Module	Repository
Status	-	Plug-In Version	4.0
Public API	false		

Contact Information

Contact Type	admin	Email address	yaarac@exlibris.co.il
Last Name	Ltd	First Name	Exlibris
Address 1	Agodat Asport2 Building 9	City	Jerusalem
Telephone 1	(054)485-2328		

Plugin Parameters

Task Name	<input type="text" value="Replace DC"/>
Task Description	<input type="text" value="Finds and replaces a DublinCore field value"/>
* Find	<input type="text"/>
* Replace with	<input type="text"/>
* DC field	<input type="text" value="dc:title"/>

Information for Existing Plug-In

- d. Enter a name in the **Plug-In Name** field and a **Description** to reflect it.

Note

Because you are installing and not editing, Rosetta will create a new entry in the plug-in list.

- e. Add or change values for all required parameter fields.

Note

If you are installing a variation on an existing plug-in, you must rename the plug-in and enter values in the required parameter fields before Rosetta will allow the installation to be completed.

- f. Click install.
The new plug-in is installed in the system and appears on the Plug-In List page, available for use.

To create another plugin instance with different initialization parameters values, repeat step Step d, making sure the plug-in name is unique.

To change the initialization parameters of an installed plug-in:

1. From the Plug-In Management page (Administration > System Configuration > General > Plug- In Management), find the name of the plug-in whose parameters you want to change and click its corresponding **Edit** link.
2. Change the initialization parameter values and click **Save**.

To stop using a given plug-in:

From the Plug-In Management page (Administration > System Configuration > General > Plug- In Management), select the **Delete** link corresponding to the row of the plug-in you want to disable.

To upgrade a (custom) plug-in:

From the Custom tab of the Plug-in List page (Administration > System Configuration > General > Plug- In Management), click the **Upgrade** button.

An upgraded version of the plug-in is deployed.