

Publishing

About Publishing

The Publishing module in Rosetta accommodates the increasing demand for libraries to provide their users with integrated Web-based OPACs and instant retrieval of all available resources based on a user’s search and access rights.

The Rosetta Publishing module integrates the following components in a hierarchical system, where the Publishing configuration is the highest-level entity that organizes the sub-entities, set and profile, as follows:

- Publishing configuration – a logical definition for a group of IEs (a set) bound to converters and targets using certain rules and having attributes such as name and status.
 - Publishing set – a group of conditions applied to IEs’ DNX and descriptive metadata (indexed fields) that defines the IEs that will be processed
 - Publishing profile – the technical definitions for the Publishing module. These consist of two parts:
 - Converter – the type of conversion used on the IEs.
 - Target – the physical location where the IEs are published.

The converter and target make up the publishing profile, which, together with the publishing set, make up the publishing configuration.

Configuring Publishing

The Web pages and their associated tasks for configuring Rosetta publishing are described below.

Opening Page: Publishing Configuration List

You configure publishing at the institution level. Each configuration is managed independently. To begin configuring the Publishing module in Rosetta, follow the path: **Data Management > Manage Sets and Processes > Publishing Configuration**.

| Name | Description | Update Date | Update | Duplicate | Delete | Run Now | Scheduling | History |
|-------------------------|-------------|---------------------|-----------|-----------|--------|---------|------------|---------|
| 1 Almatest | | 14-06-2020 09:20:06 | Update | Duplicate | Delete | Run Now | Scheduling | History |
| 2 Collection Publishing | | 21-12-2020 15:39:24 | Configure | | | Run Now | Scheduling | History |
| 3 90IEs_K6h | | 31-08-2020 16:58:44 | Update | Duplicate | Delete | Run Now | Scheduling | History |
| 4 90IEs_V4k | | 28-07-2019 14:43:01 | Update | Duplicate | Delete | Run Now | Scheduling | History |
| 5 90IEs_6xB | | 28-07-2019 14:43:06 | Update | Duplicate | Delete | Run Now | Scheduling | History |

Publishing Configuration List Page

You can configure the (institution-level) collection2DC.xsl configuration file, which converts collections to OAI format. To edit this file, click **Configure** in the Collection Publishing row. Only a single xsl configuration per institution is supported for collection publishing.

The following viewing options are available from the Publishing Configuration List page:

- Filtering the list by **Active**, **Inactive**, or **All**
- Searching the list using the **Find** field, entering a keyword, specifying search fields, and clicking **Go**
- Sorting the list by date, description (alpha), or name (alpha) by clicking the corresponding column header
- Actions that can be launched from this page are:
 - Adding a new configuration (**Add Configuration** button)
 - Updating an existing configuration (**Update** text link)
 - Duplicating an existing configuration (**Duplicate** text link)
 - Deleting a configuration (**Delete** text link)
 - Running a synchronization configuration (**Run Now** text link) – runs the task that checks if there is an update that needs to be published, and, if there is, publishes it.
 - Scheduling – schedule the synchronization job. Scheduling is done on the institution and configuration level.
 - History – displays the history of the configuration

Adding/Updating Configurations

The Publishing Configuration Details page opens when you click the option to add, duplicate, or update from the Publishing Configuration List page.

The page contains three tabs and opens to the **General Details** tab.

General Details Tab

The General Details tab provides a name for the configuration and an optional description. The Name and Description values appear on the Publishing Configuration List page.

The screenshot shows the 'Data Management: Publishing Configuration / Details' page. It displays configuration details for Configuration Id 18449360, created and updated on 26/11/2017 14:33:10 by admin1. The 'General Details' tab is active, showing a form with a 'Name' field containing 'OAI Publishing', an empty 'Description' field, and a 'Republish all on next sync' checkbox. At the bottom are buttons for 'Back', 'Sync', 'Save', and 'Apply'.

| | | | |
|-------------------------|---------------------|-------------------|--------|
| Configuration Id | 18449360 | Created By | admin1 |
| Created On | 26/11/2017 14:33:10 | Updated By | admin1 |
| Updated On | 26/11/2017 14:33:10 | | |

General Details | Sets | Profiles

* Name: OAI Publishing

Description: [Empty text area]

Republish all on next sync:

Buttons: Back, Sync, Save, Apply

Publishing Configuration - General Details

Selecting the **Republish** check box republishes all records in the set whether or not they have been updated since the last

publishing job. This option can be used if you have changed your job's profile details (for example, changes to an xsl file). The check box remains checked until the next (successful) publishing job, after which it is automatically cleared.

Sets Tab

The **Sets** tab of the Publishing Configuration Details page allows you to create a set through a short wizard and add that set to a configuration.

For information on creating sets, see [Creating Sets](#).

When you have created at least one set, you can click the **Add Sets** button from the Publishing Sets page. In the figure in [Opening Page: Publishing Configuration List](#), only one set has been saved. Select it and click the **Add Selected** button to make this your set for the publishing configuration.

Note

Ex Libris recommends that you limit your set selection and your profile selection to one each for each publishing configuration.

Profiles Tab

Profiles consist of converters and targets that process the sets created for publishing. Profile information is accessed by clicking the Profile tab from the Publishing Configuration List page (**Data Management > Manage Sets and Processes > Publishing Configuration > [Add or Update Configuration] > Publishing Configuration Details**).

Configuration Id 18449360
Created On 26/11/2017 14:33:10
Updated On 26/11/2017 14:33:10
Created By admin1
Updated By admin1

General Details Sets Profiles

Add Profile 1 - 1 of 1 profiles

| Active | Name | Converter | Target | Update Date | | | |
|--------|------------------|-----------------|---------------|---------------------|------|-----------|--------|
| 1 | ✓ OAI Publishing | XSL-IEconverter | OAI-Publisher | 26/11/2017 14:32:44 | View | Duplicate | Delete |

1 - 1 of 1 profiles

Back Sync Save Apply

Publishing Configuration - Profiles

Any existing profiles are listed. (None are shown in the figure above.)

To add a profile:

1. Click the **Add Profile** button.
Step 1 of the profile wizard opens.
2. Enter a name for the publishing profile in the **Name** field (required) and a description in the **Description** field (optional).
3. Select the **Preservation Type** from the right pane to move your selection to the left pane. You can select multiple preservation types.
4. The **Status** field defaults to **Active**. To change the profile to inactive, use the drop down selection.
5. Select a **Converter Type** and a **Target Type** from the drop-down fields (defaults are selected, as shown in the following figure)

[Home](#) / [Data Management: Publishing Configuration](#) / [Details](#)
1 2

* Name Status Active

Description

Preservation Type

0 items selected Remove all Add all

| | |
|---------------------|---|
| Preservation Master | + |
| Modified Master | + |
| Derivative Copy | + |
| Mixed Master | + |
| Modified Alto | + |

* Converter Type HandleConverterPlugin Include CMS

* Target Type FigSharePublisherPlugin Include Access Rights

Cancel Next

Add Publishing Profile - Step 1

Note

The converter and target types are required. For more information on converters, see [Converter Types](#). For information on targets, see [Target Types](#).

6. Use the check boxes (**Include CMS** and **Include Access Rights**) to include the relevant metadata in the profile.
7. Click **Next**.
 Step 2 of the wizard opens. Selections and entries you made in Step 1 show in the header and body sections of the form. Any parameters required for converter and target types must be entered on this page.

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1 2

| | | | |
|-------------|--------------------------|-----------------------|--------------------------|
| Name | General Profile | Created By | Ex Libris |
| Description | | Created On | 28/02/2018 15:14:58 |
| Include CMS | <input type="checkbox"/> | Include Access Rights | <input type="checkbox"/> |

HandleConverterPlugin Converter Parameters

* Object Identifier Type URN

IE

Representation

File

FigShare-Publisher Publisher Parameters

* Base URL

* Token

* Name

Back
Cancel
Save

Add Publishing Profile - Step 2

8. Enter any required parameters and click **Save**.
The Profile Page refreshes with the new profile listed under the Profiles tab.

Once you have created a profile, you can synchronize it with the general configuration, save it to the system, or apply it (saving while remaining on the same page) to the profile.

Converter Types

Converters take the relevant information from the IE and prepare it for publication. Different converters take different fields from the IE (descriptive metadata, DNX, source metadata) and create different structures of XML files (OAI, DC, Xepicur).

The following plug-in converters are supported by Rosetta:

- CMS: Converts the metadata fields of the IE into fields published to Aleph.
- OAI: Takes the descriptive metadata fields of the IE and creates an XML in OAI-DC format.
- Xepicur: Converts the fields of the IE published to the DNB (German National Library).
- XSL: Allows libraries to use any kind of XSL file that converts the metadata fields of the IE (in DC format) to any other XML format.

Note

Several XSL examples are located under `/exlibris/dps/d4_1/system.dir/xsl/`, and they will be overwritten by Rosetta service packs. If you customize these files, rename them or move them to an alternative location.

Target Types

A target is the physical location where the published metadata is sent as part of the publishing process. Targets are available for external systems to harvest.

The currently supported targets are:

- FigShare
- Handle
- OAI: According to the protocol OAI-PMH, the published metadata is stored in database tables and can be harvested by external systems.
For more information regarding OAI-PMH see <http://www.openarchives.org/pmh/>.
- NFS: Used when the published metadata should be stored in the file system to which the system that harvests the data has access.

The target types, NFS and OAI, are configured with the converters according to the specifications required by the converters.