

Recreating OAI-PMH Pipes in Primo VE

WSU | Blake Galbreath | blake.galbreath@wsu.edu

1. Gather pipe info from PBO

PBO Home > Publishing > Pipe List > Edit

Jot down the details or take a screenshot.

Pipe Description: J. Elroy McCaw Memorial Film Collection	
Source	Normalization and Enrichment
Data Source: * cdm2 ▾	Normalization Mapping Set: * WSU_CDM
Harvesting method: * OAI ▾	Enrichment Set: * No Enrichments - Template ▾
Server: * http://content.libraries	Harvested File Format: * .tar.gz ▾
Metadata format: * oai_dc	<input checked="" type="checkbox"/> Include DEDUP
Set: mccaw	<input checked="" type="checkbox"/> Include FRBR
Encode Resumption Token: false ▾	
Start harvesting files/records from: * Feb 16, 2016 <input type="checkbox"/> Use Static Date ⓘ	
Start time: 08 ▾ : 26 ▾ : 16 ▾	

2. Use pipe info to create a Discovery Import Profile in VE

Discovery > Loading External Data Sources > Discovery Import Profiles > Add New Profile

Choose Profile Type = Discovery

2A. Profile Details Tab

Fill in required fields. They made this part really easy – so nice!

If using OAI-PMH harvesting, the set names will auto-populate in the following step, but you need to know what they are called in the current step. Use your OAI-PMH URL with parameter “verb=ListSets” to view a list, such as: <https://content.libraries.wsu.edu/oai/oai.php/request?verb=ListSets>.

...

<setSpec>mccaw</setSpec>

<setName>J. Elroy McCaw Memorial Film Collection</setName>

...

The screenshot shows the 'Profile Details' tab of a software interface. The form contains the following fields and values:

- Profile name***: J. Elroy McCaw Memorial Film Collection
- Profile description**: This collection of 436 RKO feature-length films and 18 World War II documentaries all produced between the years 1930-1953 is known as the J. Elroy McCaw Memorial Film Collection. The collection has been used in Film Studies classes, and
- Data Source Code***: WSU_CDM_mccaw
- Data Source Label***: Is found in the J. Elroy McCaw Memorial Fil
- Originating system***: ContentDM
- File name patterns**: (empty field)
- Import Protocol**: OAI
- Physical source format**: XML
- Source format**: Dublin Core
- Target format**: Dublin Core
- Status**: Active

Notes: The Data Source Code you create here (e.g., WSU_CDM_mccaw) will be used to create the custom scope in #3. The Data Source Label will be mapped to the out-of-the-box dc.source field.

When you select OAI as the import protocol, the OAI Details screen will open. Fill in required fields. Connect and edit. Select the set you are interested in for the recreation of this particular pipe.

OAI Details

OAI Base URL*

Authentication ☐

Repository Name

Earliest Date Stamp

Granularity
Admin Email/s

Metadata Prefix

Set

Identifier Prefix

Harvest Start Date

Encode Date ☐

Note: Don't forget to set the Harvest Start Date to a date before the <timestamp> value of the records. To view individual records, use parameter "verb=ListRecords" and set name, such as:

https://content.libraries.wsu.edu/oai/oai.php/request?verb=ListRecords&set=rcbutler&metadataPrefix=oai_dc

2B. Normalization Tab

Map field not present or manipulate metadata in some way

None needed for now.

2C. Delivery Tab

Link to Resource

Use this area to create View It or Get It linking structures.

If you are linking back to an external resource (such as Special Collections or ArchivesWest), you will most likely use the dc:identifier field to do so. I set this field up as LinkingParameter1.

Linking Parameters		
	Parameter	Source Tag
1	SourceRecordID	-
2	LinkingParameter1	dc:identifier

You can edit LinkingParameter1 to use a specific dc:identifier value (matching string) or alter the value (normalization). In this case, the field repeats, but I don't want to display all three instances in my View It area. I used a regular expression to select the dc:identifier that started with http:// or https://.

Edit LinkingParameter1

Source Tag*

X
≡
↺

Use source tag

Matching string using a regular expression

Matching String

^(?:http(s)?://V).*

Normalization source tag

No normalization

Cancel
Save

Use source tag = Matching string using a regular expression

Matching string = `^(?:http(s)?://V).*`

Normalization source tag = No normalization

Add `$$LinkingParameter1` via the Template option (don't forget the `$$`). Update the Link Label to something user-friendly.

3. Create a Custom Local Data Scope

Discovery > Search Configuration > Search Profiles > Custom Local Data Scopes > Add a Custom Scope

Fill in the required fields and Add a Condition (under Scope Conditions). **Note:** The Scope Code you create here will be used to create the Custom Search Profile in #4.

Define a Custom Scope

Cancel Save

Scope Details

Code* WSU_CDM_mccaw

Name* J. Elroy McCaw Memorial Film Collecti

Description J. Elroy McCaw Memorial Film Collecti

Scope Population ☒ My Institution ☐ Entire Network

Scope Conditions

Clear Conditions + Add a Condition

Is found in the J. Elroy McCaw Memorial Film
--

Search Index = Inventory: External data source

Operator = Equals

Value = Data Source Code you created in #2

4. Create a Custom Search Profile

Now that you have scopes created, you can build this out any way you like, but creating a new search profile made the most sense to me.

[Discovery > Search Configuration > Search Profiles > Search Profiles](#)

Add a Search Profile

Search Profile Details

Code*

WSUL_DC

Display Name*

WSUL Digital Collections

Description

WSUL Digital Collections

List of Scopes included in the Search Profile

+ Add Scope -

	Code	Name	Description	
1	WSU_CDM_mccaw	J. Elroy McCaw Memorial Film Collection	J. Elroy McCaw Memorial Film Collection	...
2	WSU_CDM_p16866coll2	Hubert Adams Scrapbook of Taiwan under Japanese Occupation	Hubert Adams Scrapbook of Taiwan under Japanese Occupation	...
3	WSU_CDM_anaplas	Anaplasmosis Babesiosis Bibliography	Anaplasmosis Babesiosis Bibliography	...

Scope Type = Custom (Local data)

Custom Scope = Scope Codes you created in #3.

5. Add the Search Profile to a Search Profile Slot

Discovery > Display Configuration > Configure Views > Edit > Search Profile Slot > Edit

Activate Search Profile created in #4

	Active	Code	Name	Description	Profile Type			
1	<input checked="" type="checkbox"/>	DN_and_CI	Articles, Books, and More	All records within the Discovery Network and your Central Index profile	Blended	<input type="button" value="v"/>		<input type="button" value="..."/>
2	<input checked="" type="checkbox"/>	DiscoveryNetwork	WSU Libraries + Summit	All records within the Discovery Network	Local Data	<input type="button" value="v"/>	<input type="button" value="▲"/>	<input type="button" value="..."/>
3	<input checked="" type="checkbox"/>	CourseReserves	Course Reserves	All records linked to an active course	Local Data	<input type="button" value="v"/>	<input type="button" value="▲"/>	<input type="button" value="..."/>
4	<input checked="" type="checkbox"/>	WSU_Pullman	WSU Pullman	-	Local Data	<input type="button" value="v"/>	<input type="button" value="▲"/>	<input type="button" value="..."/>
5	<input checked="" type="checkbox"/>	WSU_SPOKANE_RPOI...	WSU Spokane	-	Local Data	<input type="button" value="v"/>	<input type="button" value="▲"/>	<input type="button" value="..."/>
6	<input checked="" type="checkbox"/>	WSU_TRICITIES	WSU Tri-Cities	-	Local Data	<input type="button" value="v"/>	<input type="button" value="▲"/>	<input type="button" value="..."/>
7	<input checked="" type="checkbox"/>	WSU_VANCOUVER	WSU Vancouver	-	Local Data	<input type="button" value="v"/>	<input type="button" value="▲"/>	<input type="button" value="..."/>
8	<input checked="" type="checkbox"/>	WSUL_DC	WSUL Digital Collections	-	Local Data		<input type="button" value="▲"/>	<input type="button" value="..."/>

If desired, reposition the Search Profile to appear in a different ordering.

6. Test your external data sources

Use an appropriate keyword within your new Search Profile to bring back results.

1



ARCHIVAL MATERIAL

It Can't Last

U.S. Dept. of the Navy; Producer

Publication date: 1944

Is found in the J. Elroy McCaw Memorial Film Collection at Washington State University Libraries

[Available Online](#)  [>](#)

   

2



ARCHIVAL MATERIAL

It's Your America

U.S. Dept. of the Army; U.S. Office of Education; Producer

Publication date: 1948

Is found in the J. Elroy McCaw Memorial Film Collection at Washington State University Libraries

[Available Online](#)  [>](#)

   

3



ARCHIVAL MATERIAL

Perishable Rush

Army Air Forces Film; Producer

Publication date: 1945

   

Does it bring back the correct number of records? Do they show the correct metadata? Do they have thumbnails?

7. Change Resource Types

Configuration > Discovery > Loading External Data Sources > Dublin Core Type to Discovery Type Mapping

Review the dc:type values found in your records.

```
<record xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:dc="http://purl.org/dc/elements/1.1/">
  <dc:title>To Win the Peace</dc:title>
  <dc:subject>World War, 1939-1945--Veterans; Disabled veterans--Rehabilitation</dc:subject>
  <dc:subject>LCSH</dc:subject>
  <dc:description>Appeals to the public to buy government bonds (victory bonds) to support di
  <dc:type>Documentary Films</dc:type>
  <dc:creator>U.S. Dept. of the Navy; U.S. Marine Corps; U.S. Coast Guard</dc:creator>
  <dc:creator>Producer</dc:creator>
  <dc:publisher>Manuscripts, Archives, and Special Collections, Washington State University L
```

Map new entries for the dc:type values found in your records.

22	Documentary Films	archival_materials
23	Feature Films	archival_materials
24	War Films	archival_materials

Return to your Discovery Import Profile and Reload the records. Test that the resource type changed accordingly.

Links to Documentation

Go VE: Replacing Pipes in Primo with Import Profiles in Primo VE

https://knowledge.exlibrisgroup.com/Primo/Product_Documentation/Go_VE/Step_3%3A_Configuration/050Go_VE%3A_Replacing_Pipes_in_Primo_with_Import_Profiles_in_Primo_VE

Configuring Import Profiles for Primo VE

[https://knowledge.exlibrisgroup.com/Primo/Product_Documentation/020Primo_VE/Primo_VE_\(English\)/100Loading_Records_from_External_Sources_into_Primo_VE/Configuring_Import_Profiles_for_Primo_VE](https://knowledge.exlibrisgroup.com/Primo/Product_Documentation/020Primo_VE/Primo_VE_(English)/100Loading_Records_from_External_Sources_into_Primo_VE/Configuring_Import_Profiles_for_Primo_VE)

Configuring Normalization Rules for External Resources (Primo VE)

[https://knowledge.exlibrisgroup.com/Primo/Product_Documentation/020Primo_VE/Primo_VE_\(English\)/100Loading_Records_from_External_Sources_into_Primo_VE/Configuring_Normalization_Rules_for_External_Resources_\(Primo_VE\)](https://knowledge.exlibrisgroup.com/Primo/Product_Documentation/020Primo_VE/Primo_VE_(English)/100Loading_Records_from_External_Sources_into_Primo_VE/Configuring_Normalization_Rules_for_External_Resources_(Primo_VE))