



Orbis Cascade Alliance Content Creation & Dissemination Program Digital Collections Service

Alliance Harvester: Overview

Produced by the Digital Collections Working Group of the Content Creation & Dissemination Team

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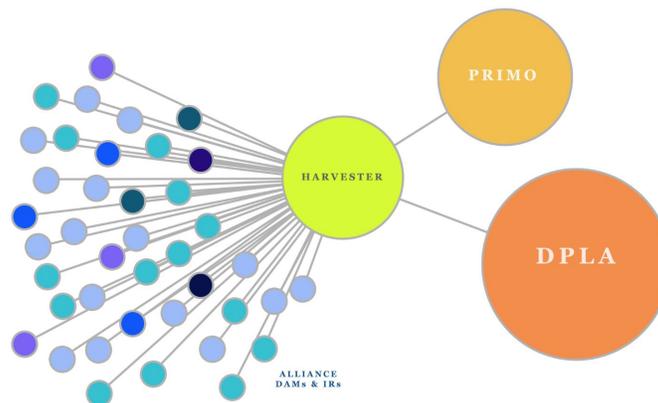
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What is the Alliance Harvester?

Technically speaking

The [Alliance Harvester](#) is an extension of the Alliance's existing harvester infrastructure to accept OAI sets of digital object metadata from Alliance member digital asset management systems (DAMs) and institutional repositories (IRs). After aggregating sets, the harvester enables bulk harvest into Alliance Primo and DPLA.

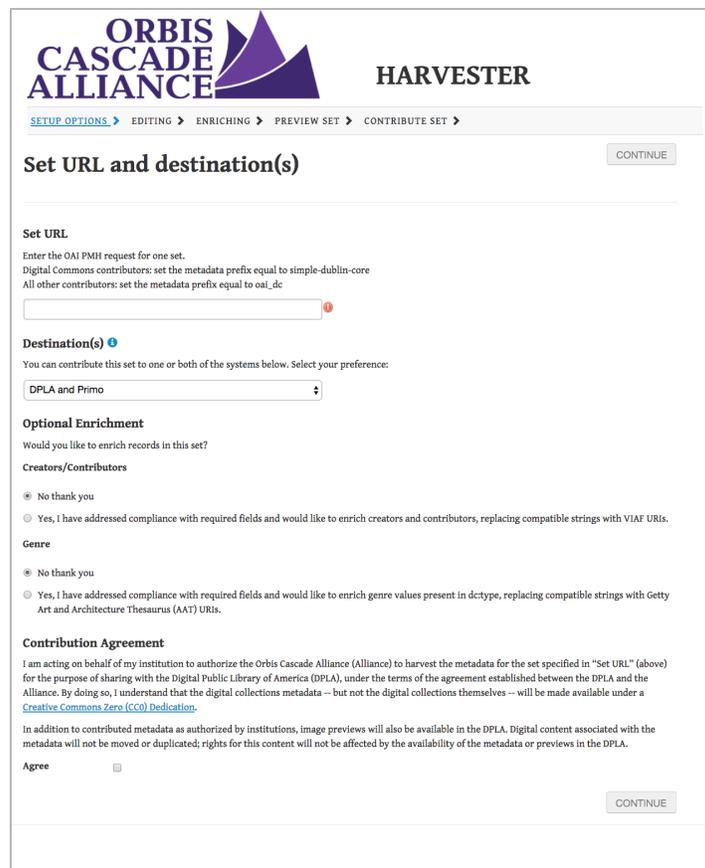


The Alliance Harvester's back-end user interface imports, remediates, and validates OAI-PMH. The back-end is driven by XForms, a W3C standard for manipulating complex data models and interacting with web services (like VIAF and Getty AAT lookup mechanisms) through intuitive web forms. The system is driven by the open source XForms engine, Orbeon, which facilitates the transformation of Dublin Core harvested from OAI-PMH into Linked Open Data conforming to the DPLA Metadata Application Profile. The Harvester's front-end pipelines enable bulk harvests as well as the rendering of records in HTML and linked data formats. Visit the [harvester wiki on github](#) for more details about the Harvester's technical infrastructure.

- [The Alliance Harvester's OAI-PMH for Alliance Primo](#)
- Data dumps in the DPLA Metadata Application Profile (RDF) are available in three serializations, from the [Alliance Harvester's home page](#).

Practically speaking

The Alliance Harvester back-end user interface is designed to help Alliance member institutions contribute individual sets of digital object metadata for ingest into Alliance Primo and DPLA.



The screenshot displays the 'HARVESTER' web interface for the 'ORBIS CASCADE ALLIANCE'. The navigation bar includes 'SETUP OPTIONS', 'EDITING', 'ENRICHING', 'PREVIEW SET', and 'CONTRIBUTE SET'. The main form is titled 'Set URL and destination(s)' and contains the following sections:

- Set URL:** A text input field for the OAI PMH request. Instructions specify: 'Enter the OAI PMH request for one set. Digital Commons contributors: set the metadata prefix equal to simple-dublin-core. All other contributors: set the metadata prefix equal to oai_dc.'
- Destination(s):** A dropdown menu with the option 'DPLA and Primo' selected. The instruction reads: 'You can contribute this set to one or both of the systems below. Select your preference.'
- Optional Enrichment:** A section asking 'Would you like to enrich records in this set?' with two sub-sections:
 - Creators/Contributors:** Radio buttons for 'No thank you' and 'Yes, I have addressed compliance with required fields and would like to enrich creators and contributors, replacing compatible strings with VIAF URIs.'
 - Genre:** Radio buttons for 'No thank you' and 'Yes, I have addressed compliance with required fields and would like to enrich genre values present in dctype, replacing compatible strings with Getty Art and Architecture Thesaurus (AAT) URIs.'
- Contribution Agreement:** A text block stating: 'I am acting on behalf of my institution to authorize the Orbis Cascade Alliance (Alliance) to harvest the metadata for the set specified in "Set URL" (above) for the purpose of sharing with the Digital Public Library of America (DPLA), under the terms of the agreement established between the DPLA and the Alliance. By doing so, I understand that the digital collections metadata -- but not the digital collections themselves -- will be made available under a [Creative Commons Zero \(CC0\) Dedication](#).' Below this is a checkbox labeled 'Agree'.

Alliance members start the contribution process by entering an OAI set request and some basic setup information. Then they can choose to globally edit format, language, rights, and type values in their OAI set. Optionally, they can enrich creator/contributor and type values, matching each value to a controlled

vocabulary URI. Before contributing the set, Alliance members can preview their RDF records for DPLA and their Qualified Dublin Core records for Alliance Primo.

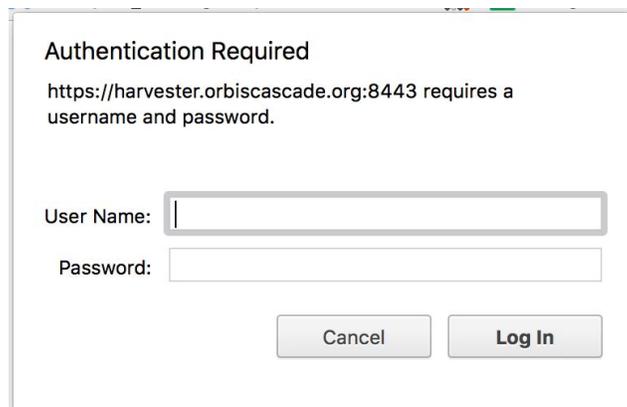
The Harvester's back-end user interface enables management of contributed sets, allowing Alliance members to review sets and records they have contributed and to delete those sets at any time. If an Alliance member institution wishes to edit their repository information, this can also be accomplished in the Harvester's back-end user interface.

Getting Access to the Alliance Harvester

The Alliance Harvester is browser based and is hosted on the Alliance server. All you need to access it is an internet connection, a browser, and the Harvester URL.

Signing in

Accessing the [Harvester's back-end user interface](#) requires a user account. The Alliance will provide your institution an account by sending your institution's Content Creation & Dissemination (CCD) representative a username and password.



Authentication Required

https://harvester.orbiscascade.org:8443 requires a username and password.

User Name:

Password:

Cancel Log In

This user will have permission to edit repository information, contribute sets for ingestion into DPLA and/or Alliance Primo, view sets and records contributed by your institution, and delete sets contributed by your institution.

For more detailed information about accomplishing these tasks, please refer to the harvester documentation in the [Digital Collections Documentation Center](#) on the Alliance website.