OAI Data Provider

XML from the UCARConnect and DLESE repositories may be harvested using the Open Archives Initiative Protocol for Metadata Harvesting (OAI-PMH), which is a standardized protocol for transferring and sharing metadata across open repository systems.

How to Harvest UCARConnect and DLESE Metadata

Access to the OAI data provider:

- Use the OAI Explorer Page to explore the data provider from a web browser
- OAI-PMH *baseURL*: http://uc.dls.ucar.edu/oai

The UCARConnect/DLESE OAI data provider has the following characteristics:

- The data provider contains collections of educational resources and a collection of collection metadata (metadata about the collections). Each collection in the repository is made available as an OAI set.
  - Sets/collections are added and removed from the repository occasionally.
  - Collections of educational resource metadata make up the majority of the repository. All educational resource metadata sets/collections are available in `nsdl_dc` and `oai_dc` formats and some are also available in `Information about the LAR Metadata Format` format.
  - The contents of some sets/collections change frequently (approximately monthly), while others remain relatively static.
  - No deduping is performed in the data provider. It is common to see multiple metadata records that describe the same resource URL, especially across different sets/collections.
  - View available Sets using the OAI ListSets request.

Tools for Harvesting

A number of open source tools are available for working with OAI-PMH:

- The jOAI Tool may be used to harvest metadata to a file system.
- The OAI tools page lists additional tools that are available.

OAI-PMH Documentation

To learn about the OAI Protocol for Metadata Harvesting, see the following:

- OAI-PMH Documentation

Support

For questions and more information, please send your inquiry to UCARConnect via the contact form.