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#### What is it?

Open source web application that provides the automation of customized harvesting from partner metadata nodes as well as direct harvesting of XML metadata files within a web directory.

- Organization can create a custom OGP or Geonetwork instance that includes only selected records.
- Supports a variety of metadata formats
- Supports a variety of options to batch process and edit metadata
- Provides additional quality control options when uploading institutional metadata.



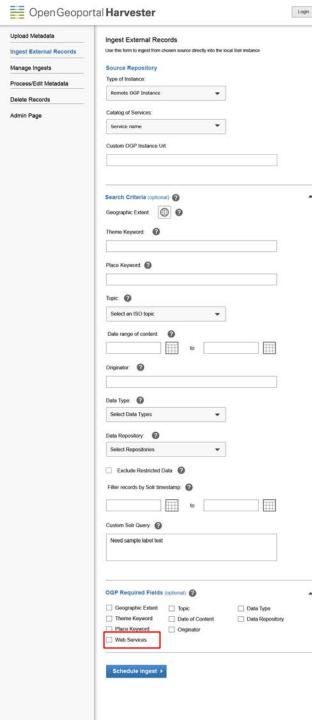
Login

Upload Metadata	Ingest External Records		
Ingest External Records	Use this form to ingest from chosen source directly into the local Solr instance		
Manage Ingests	Source Repository		
Process/Edit Metadata	Type of Instance:		
Delete Records	Remote OGP Instance ▼		
Admin Page (admin only)	Catalog of Services:		
	Service name		
	Url:		

Schedule ingest ▶

Search Criteria (optional) ?

Required Fields (optional)



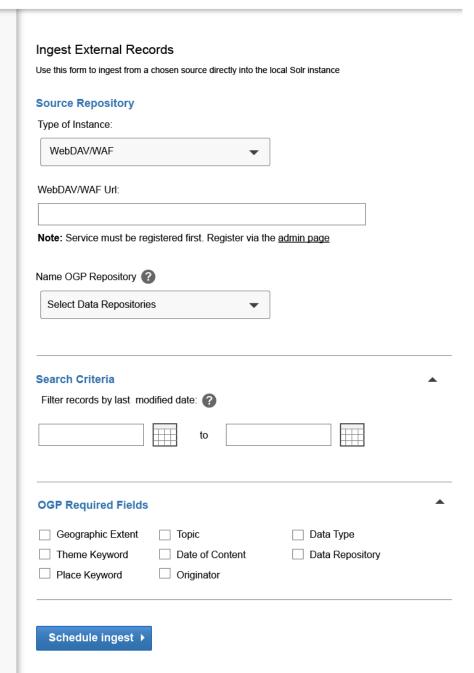


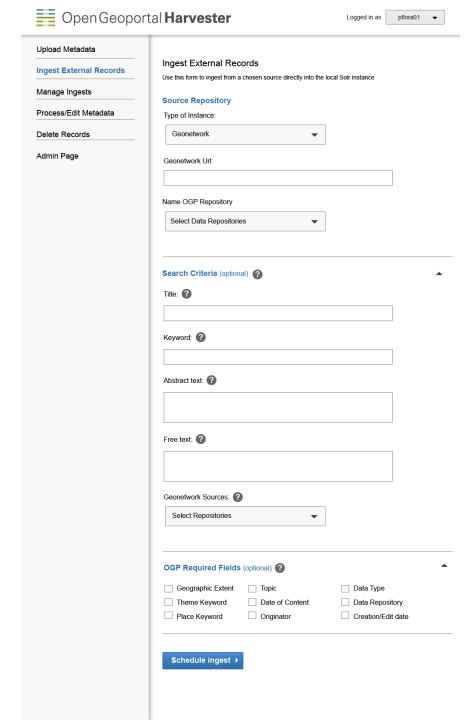
pflora01 ▼

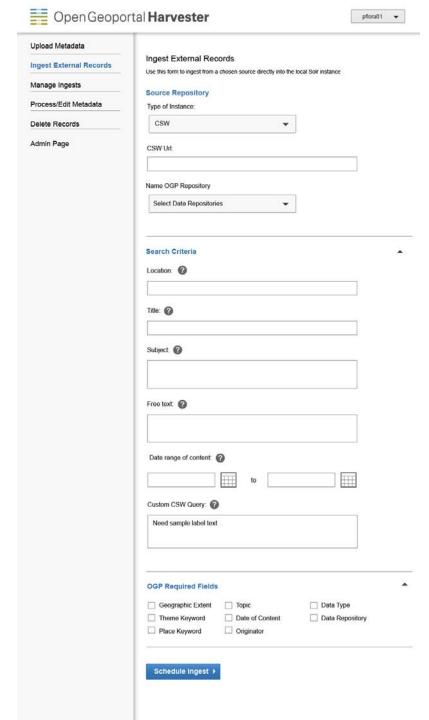
# Upload Metadata Ingest External Records Manage Ingests

Process/Edit Metadata

Delete Records









Logged in as pflora01 ▼

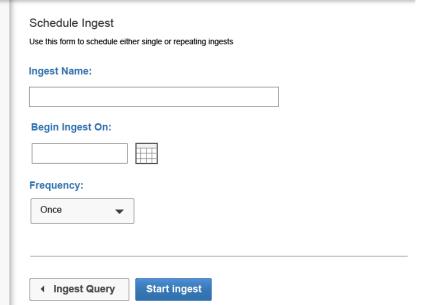
#### Upload Metadata

Ingest External Records

Manage Ingests

Process/Edit Metadata

Delete Records



Upload Metadata

Ingest External Records

**Manage Ingests** 

Process/Edit Metadata

Delete Records

Admin Page

Ingest Report, Name - 7/29 Passed: 1645 Records 🕜 Warning: 545 Records 🕜 Failed: 923 Records 🕜

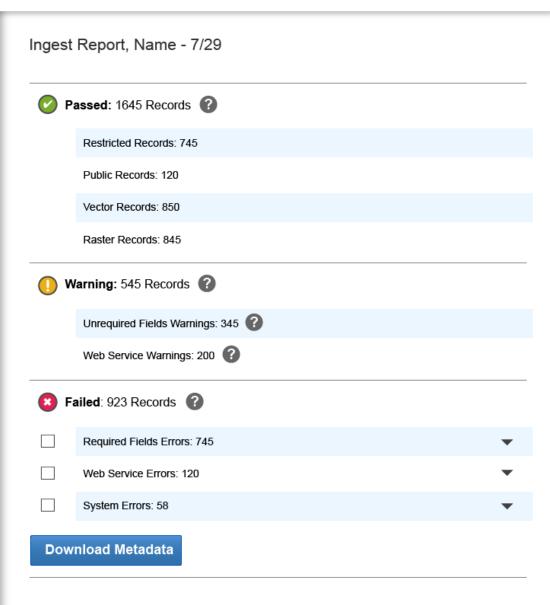


Upload Metadata
Ingest External Records

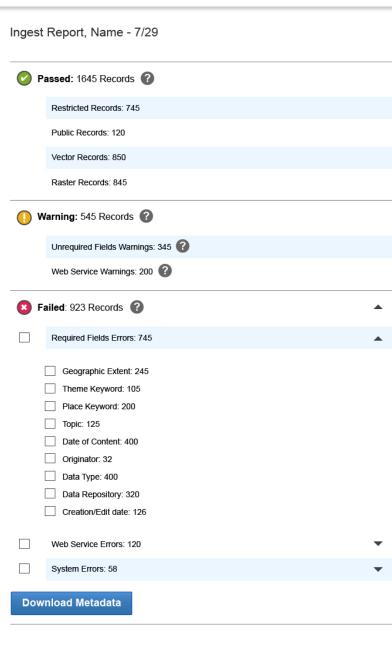
Manage Ingests

Process/Edit Metadata

Delete Records



# Upload Metadata Ingest External Records **Manage Ingests** Process/Edit Metadata Delete Records Admin Page



Upload Metadata

Ingest External Records

**Manage Ingests** 

Process/Edit Metadata

Delete Records

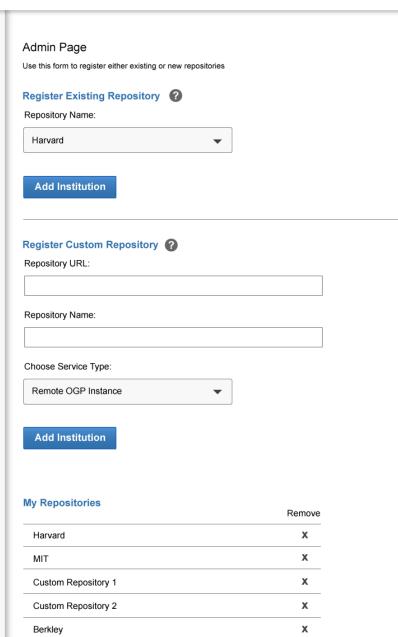
Admin Page

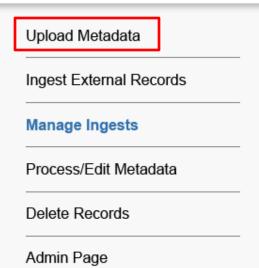
#### Manage Ingests

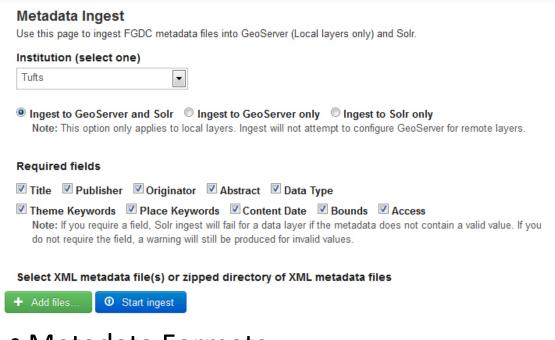
Name ▼	Last Ingest 🔻	Next Ingest ▼	Repositories
New York Subway	6/19/13	none	Tufts, Harvard, MIT, Berkley View Report
<u>Urban Development</u>	6/21/13	8/21/13 <u>cancel</u>	Tufts, Harvard, MIT, Berkley View Report
Road Systems	6/22/13	in progress <u>cancel</u>	Tufts, Harvard, MIT, Berkley View Report
New York Subway	6/28/13	none	Yale, MIT, Berkley View Report
<u>Urban Development</u>	7/9/13	none	Yale, MIT, Berkley View Report
Road Systems	7/13/13	8/13/13 <u>cancel</u>	Tufts, Harvard, MIT, Berkley View Report
New York Subway	7/19/13	8/19/13 <u>cancel</u>	Tufts, Harvard, MIT, Berkley View Report
<u>Urban Development</u>	8/1/13	9/1/13 <u>cancel</u>	Yale, MIT, Berkley View Report
Road Systems	8/2/13	none	Yale, MIT, Berkley View Report

Upload Metadata
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Admin Page







- Metadata Formats
  - FGDC, ISO 19139, OSGEO extended Dublin Core MEF (Metadata Exchange Format) – Geonetwork, MARC
- Support for ArcGIS Server
- Additional Error Checking
  - Online link required
  - Theme keyword must have ISO theme keyword
  - Improved error list
  - Validate but not ingest
  - Duplicate datasets

### Upload Metadata Ingest External Records Manage Ingests Process/Edit Metadata Delete Records

Admin Page

- Batch Edit Metadata
  - Key fields

Metadata File(s)

O Process Metadata

- Access constraints
- Use constraints
- Search other Solr instances and be able to batch download metadata
- Employ a repository management system such as Fedora
- Add some indexing capabilities to Solr schema

#### Preprocess Metadata Use this page to preprocess FGDC metadata files. The returned zip file will contain metadata with updated contact info, cleaned up onlink tags, updated use constaints (if provided), and access constraints. Additionally, it will perform a metadata audit to alert you to potential problems in the ingest process. Access Constraints File(.txt) Use Constraints File(.txt) + Add file... Select XML metadata file(s) or zipped directory of XML metadata fil Access public

Upload Metadata

Ingest External Records

**Manage Ingests** 

Process/Edit Metadata

Delete Records

- Delete records needs to indicate when it fails
- Add more search criteria
- Ability to share out cart

## Harvester Technology

- Java/JavaScript
- Spring MVC/Spring Security
- Angular JS
- PostgreSQL
- Initial support for: solr-to-solr, GeoNetwork, WebDAV/WAF, CSW harvesting

#### **Harvester Schedule**

- GeoCat application development
- January 1, 2014
  - Ingest External Records
  - Manage Ingests
  - Admin Page
- March 2014
  - Upload Metadata
  - Process/Edit Metadata
  - Delete Records







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