Islandora 8

New Release and the Future of the Platform

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Islandora 8
Islandora 8 Overview
Islandora 7.x
Solr
Islandora
Fedora
DRUPAL
PREMIS
FITS
JWPlayer
OpenSeaDragon
Drupal 8

- Open source content management software
- Supported by a community of more than 1 million
- Support for accessibility standards
- Easy, powerful User Interface; website building in the hands of non-developers.
Fedora

- Flexible, and configurable, disk storage architecture
- Fixity digest generation
- Memento versioning
- Integration with RDF/Linked Data triplestores
- Integration with Microservices via API-X
- WebAC Policies for access control
Flysystem

- A filesystem abstraction library for PHP
- Swap out filesystems without application-wide rewrites
- Adapters for:
  - AWS S3
  - Azure
  - Digital Ocean Spaces
  - Local
  - Dropbox
  - Many more...
Features
Everything in the GUI

Islandora 8 leans in hard on Drupal. Practically all configuration is done through the front-end user interface.

Export/Import/Share configurations using Drupal Features.

Drupal Context for powerful, flexible workflows.
Islandora Content as Nodes

Anything you can do with a Node in Drupal, you can do do your Islandora content.

Drop a social share widget.

Put your geo-tagged content on a map.

Build a view.

Build a store.
Documentation: Developer, Systems, Users


Powerful, flexible GUI + clear support for how to use it.

Drupal documentation to extend even further.

Introduction to Islandora CLAW

This User Documentation section is aimed at site admins and repository managers who need to understand and configure their Islandora. It will go in depth on how Islandora allows you to use the various features of Drupal to construct and display repository items.

Islandora, like Drupal, provides tools to create a site, but does not force you to conform to any specific layout or structure. It is designed to support a wide variety of user needs and workflows.
Store Anything

In its first release, Islandora 8 can store and display:

- Images
- Audio
- Video
- PDFs
- Collections
- Binary Files (a.k.a “anything”)
But...

We do not (yet) have full support for ‘complex objects,’ such as:

- Books
- Newspapers
- Serials
- ‘Compound’ Objects

These are coming in a future release.
Timeline
Islandora Version Support Timeline

- Drupal 7 EOL: end of life, November 2021
  - Islandora 7.x
    - One release per year: 2019
    - No new features will be added: November, 2020
    - No new bug fixes will be made: November, 2021
    - No new security fixes will be made: April, 2022
- Drupal 8 EOL - November, 2021
  - Islandora 8.x EOL: N/A. Becomes Islandora 9
- Drupal 9 Release: June, 2020
  - Islandora 9.x Release: August 2020
Beyond Islandora 8: Smoother Upgrades

The next transition is easier.

The Drupal community is making Drupal 9 an easy upgrade from Drupal 8, not a major migration.

Fedora has already gone from Fedora 4 to Fedora 5 with minimal disruption for Islandora 8. Fedora Long Term Support versions make planning easier.
Pilot Projects
Centre for Digital Humanities, Eötvös Loránd University

The Project: Knowledge Base of Hungarian Philosophy and Research Journals of the Faculty of Humanities

When: September 2019

Contribution: Testing, use-cases, and first proof that It Can Be Done!
Johns Hopkins University

The Project: Special Collections and Archives (specific use case TBD)

When: Later 2019

Contributions: Detailed assessment of the stack, use cases
University of Toronto Scarborough

The Project: Dragoman Renaissance Research Platform

When: Beta online. Full launch TBD.

Contributions: Video, Audio, PDF, eventually Oral Histories
University of Nevada Las Vegas

The Project: Migration of photographs, manuscripts, oral histories, and newspapers from ContentDM. Born digital collections to follow.

When: End of 2019

Contributions: Controlled Access Terms, ArchivesSpace integration, OAI-PMH, Desktop Metadata Importer/Editor, Archivematica integration
University of Texas at Austin

The Project: Latin American Digital Initiatives (LADI)

When: November 2019

Contributions: Paged content (Books!), multilingual support
University of Prince Edward Island

The Project: Research Data Sets

When: 2020

Contributions: ORCID; Datacite; preservation reports; FITS; OAI Endpoint; cloud storage support; structured RDF displays; configurable permissions; and content types for Datasets, Grants, Data Management Plans (DMPs), researchers, and organizations.
Initial Sponsors

UPEI

discoverygarden inc.

LYRASIS

McMaster University

University of Limerick

York University

University of Manitoba

Simon Fraser University

PALS

American Philosophical Society

Born-Digital
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Islandora 7.x
More Information...

https://islandora.ca

https://github.com/Islandora-CLAW/CLAW
Questions?

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