Digital Libraries@UC with DSpace backend

World Heritage in Times of Covid-19

LYRASIS Webinar Series: Repositories During the COVID-19 Pandemic

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Universidade de Coimbra
Founded in 1290
World Heritage since 2013
UC path regarding Digital Libraries

2010

2012

2019
Requisits and goals for the Digital Library platform

Promote the dissemination of the cultural heritage of the University
Simplify the creation of digital libraries and digital collections

Requisits and goals for the Digital Library platform
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- Simple and user-friendly access by non-technical public
- Good presentation and browsing within each document (IIIF)
- Responsive interface
Requisits and goals for the Digital Library platform

- Smooth data migration
- Interoperability
Back end Dspace/GLAM

**IIIF Add-on**

- IIIF Image API
- IIIF Presentation API

**SOLR updated configuration for new filters**

- Author (printer, binder, cartographer, bookseller)
- Dates
- Subject
- Publisher

**REST-API (limited endpoints)**
Back end Dspace/GLAM

Simplified Community/Collection Structure
Enriched metadata

Metadata fields for item aggregation in the Frontend

eg. uc.publication.digCollection (BG or NC or RD)

Metadata fields for image presentation in the frontend

eg. uc.publication.manifest uc.publication.thumbnail

Bitstream metadata for IIIF

eg. bitstream.iiif.imageid
    bitstream.iiif.canvasindex
    bitstream.toc

Metadata fields to implement relations between items

eg. uc.publication.journalTitle uc.publication.bookTitle
Back end Dspace/GLAM

**Content Migration**

- 17 Tb of images/PDF’s (new storage)
- 5 500 documents, including 116 serials
- 5 new curation tasks
- 6 migration scripts
- 15792 new dspace items
- 11484 items with curated metadata

![Diagram showing content migration process]

- **Extract Images from PDF**
- **Create clean Almamater Item**
- **Migrate complex Almamater content to new structure (serials)**
- **Upload Images to IIIF**
- **Metadata curation**
In Digital General Library
Spain & Portugal

Collections
9 Coleções 11484 Items 164779 Visualizações
am.uc.pt