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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Joint Library Service UC (SIBUC), General Library, Universidade de Coimbra
25.June.2020

LYRASIS

1290 UNIVERSIDADE D COIMBRA

Universidade de Coimbra

Founded in 1290

World Heritage since 2013

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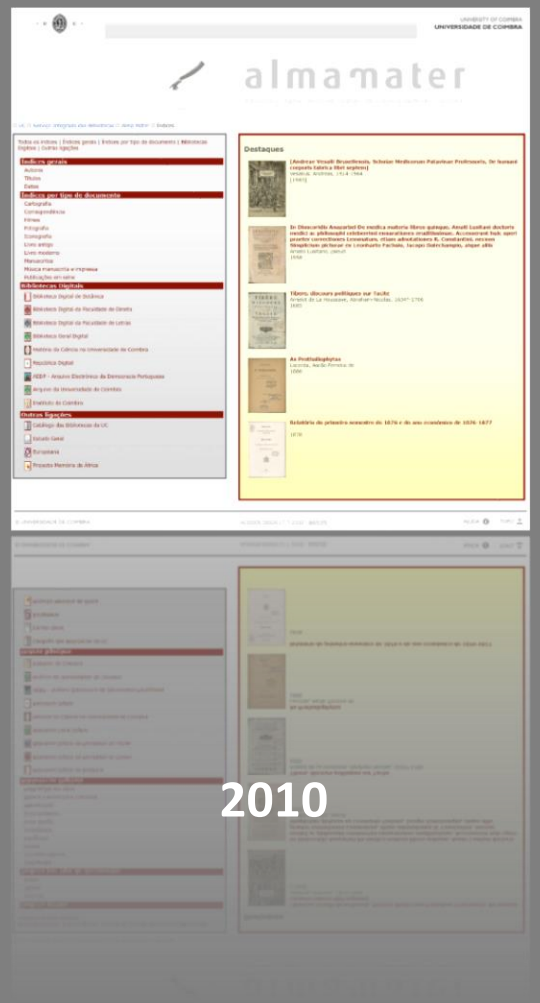
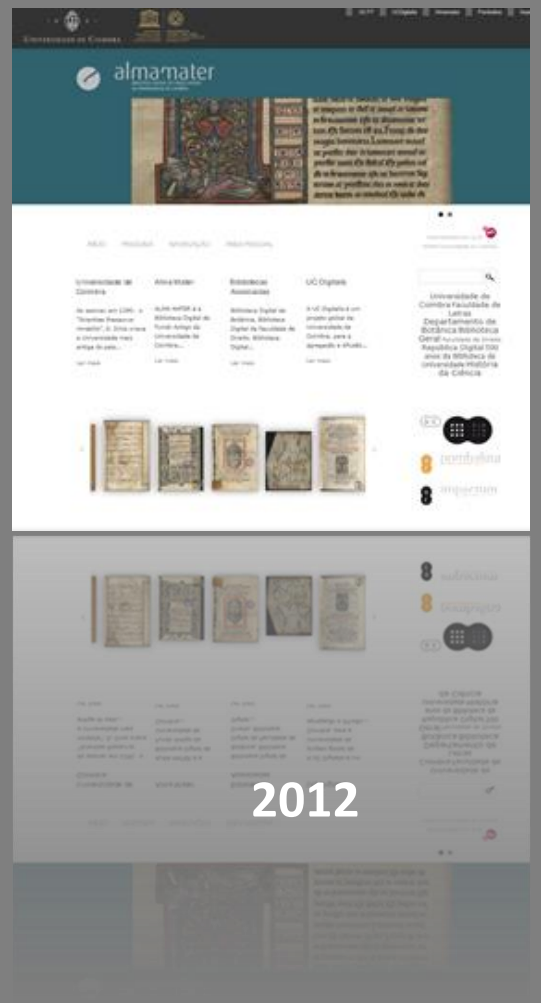
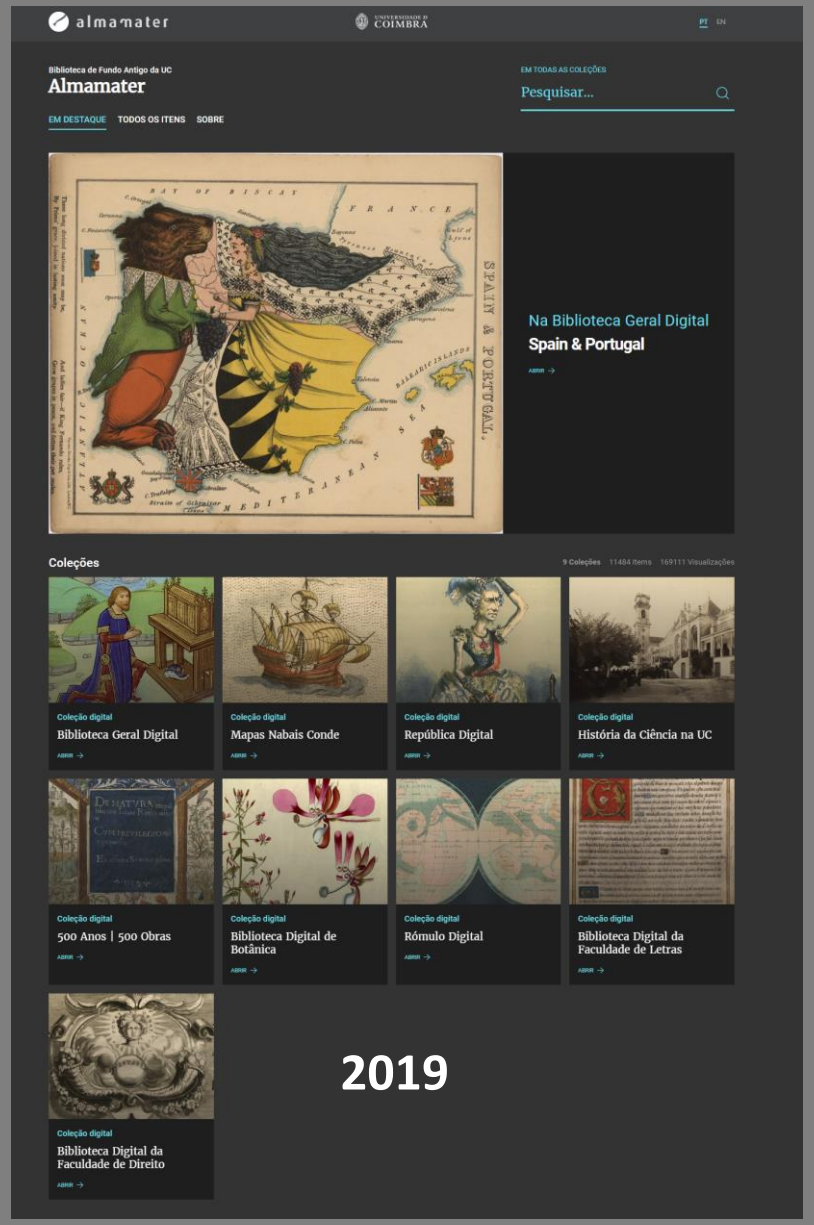
UC path regarding Digital Libraries



2010



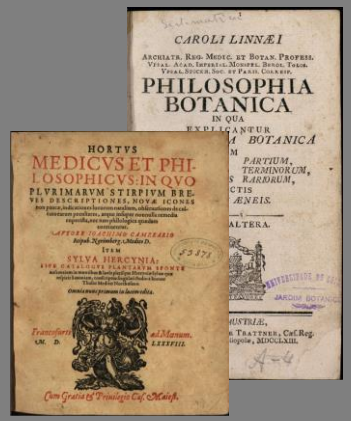
2012

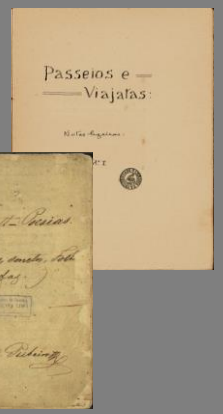


2019

Requisits and goals for the Digital Library platform

Promote the dissemination of the cultural heritage of the University





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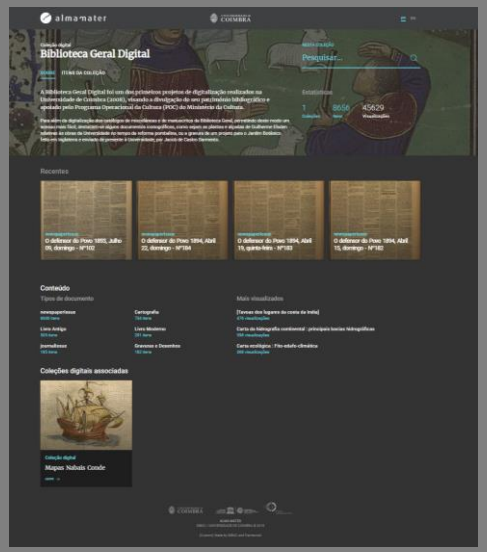
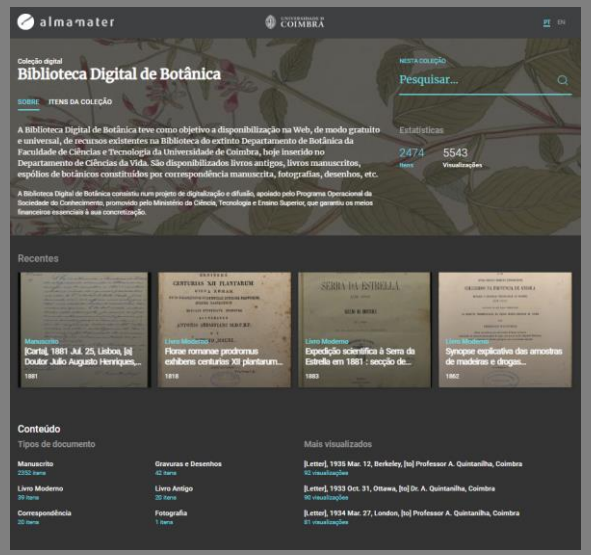
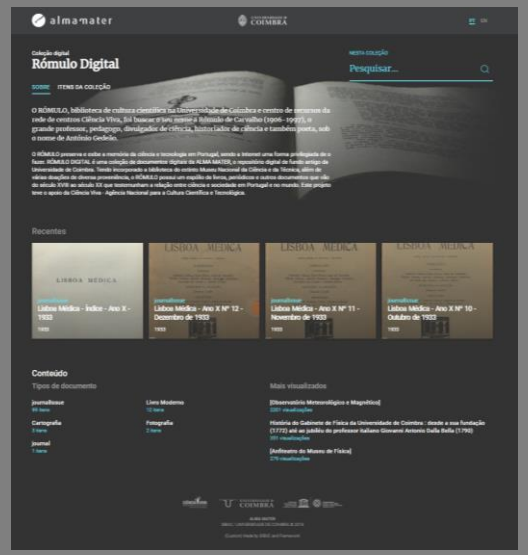
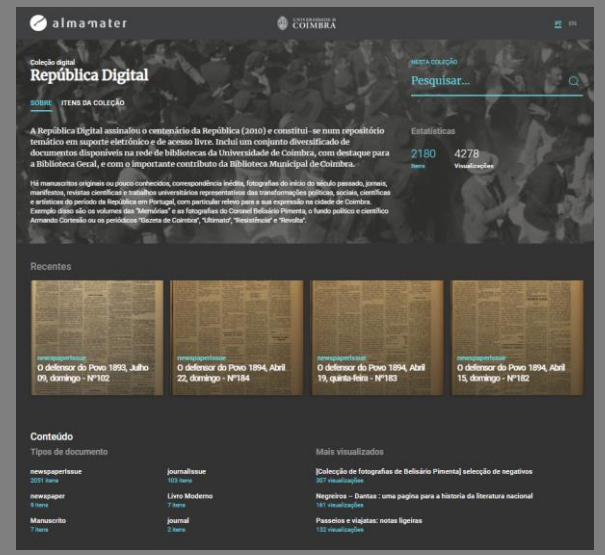
Requisits and goals for the Digital Library platform

Simplify the creation of digital libraries and digital collections







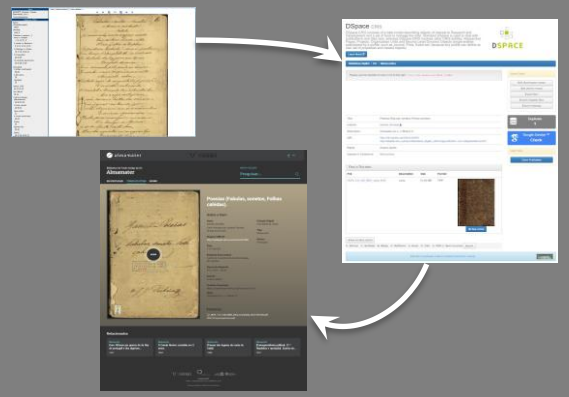


Requisits and goals for the Digital Library platform

- **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

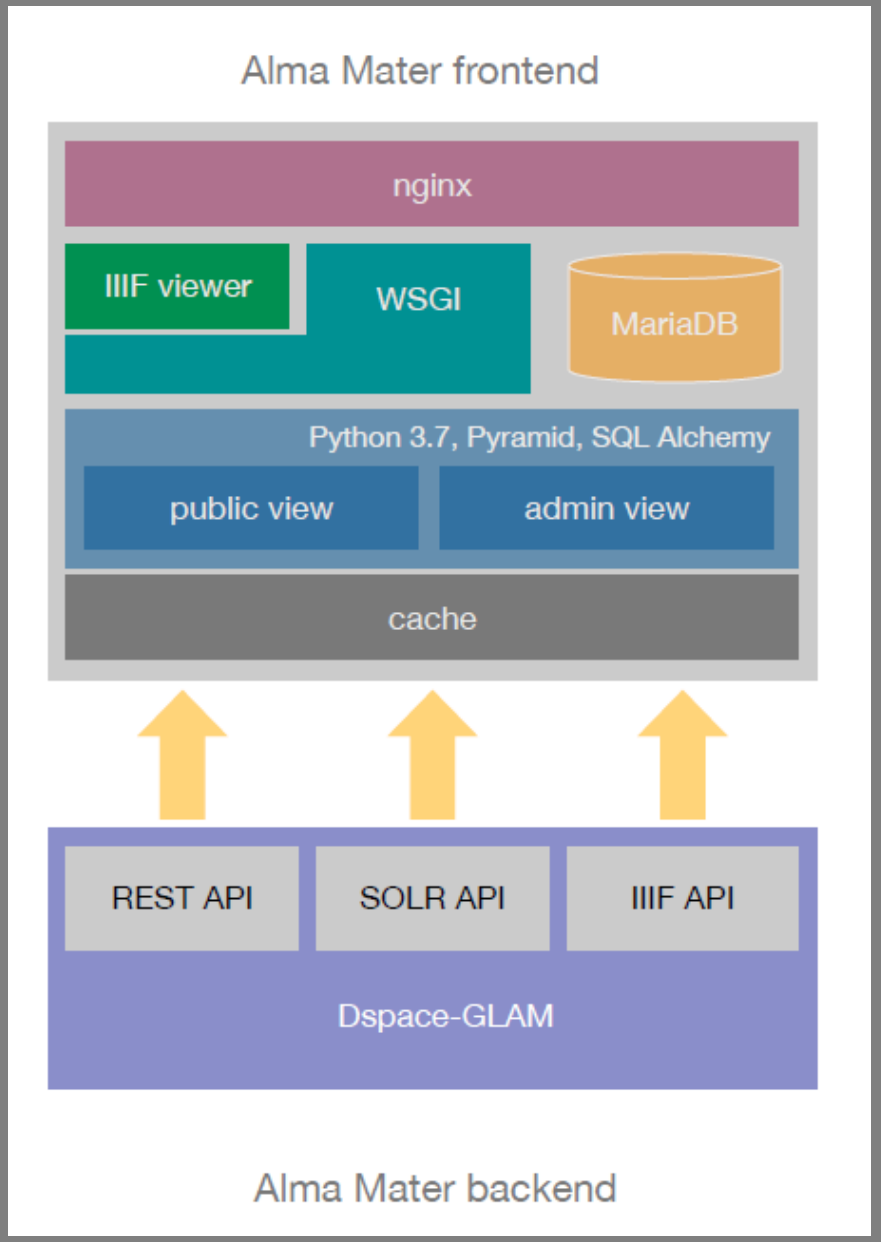


- Interoperability

REST API

International Image Interoperability Framework

Architecture



Back end Dspace/GLAM

IIIF Add-on

IIIF Image API
IIIF Presentation API

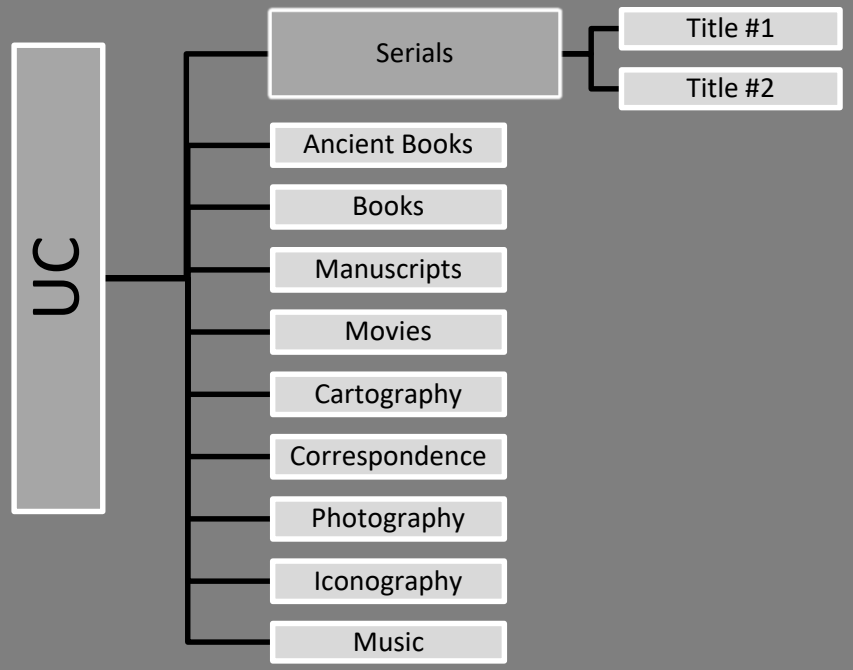
SOLR updated configuration for new filters

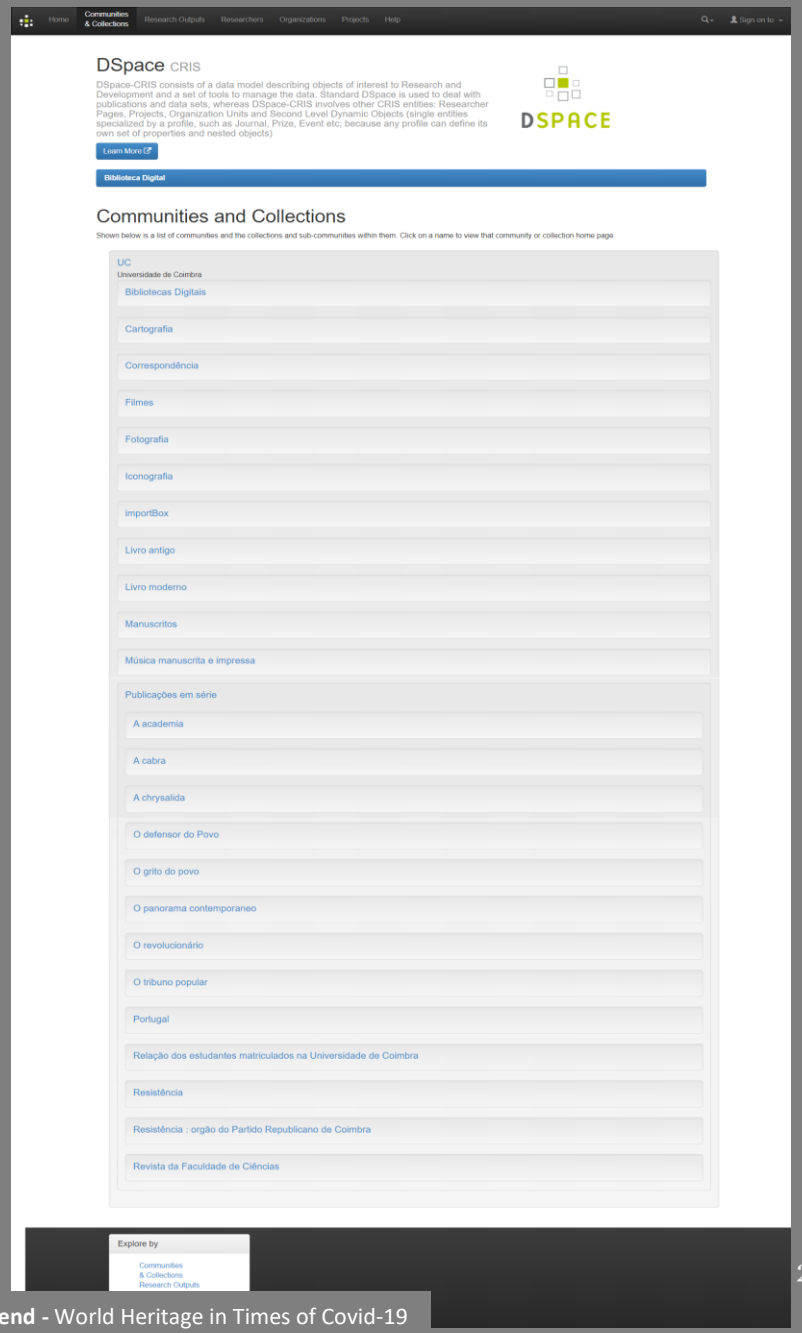
Author (printer, binder, cartographer, bookseller)
Dates
Subject
Publisher

REST-API (limited endpoints)

Back end Dspace/GLAM

Simplified Community/Collection Structure





DSPACE GLAM

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Back end Dspace/GLAM

Enriched metadata

Metadata fields for item agregation in the Frontend

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

Metadata fields for image presentation in the frontend

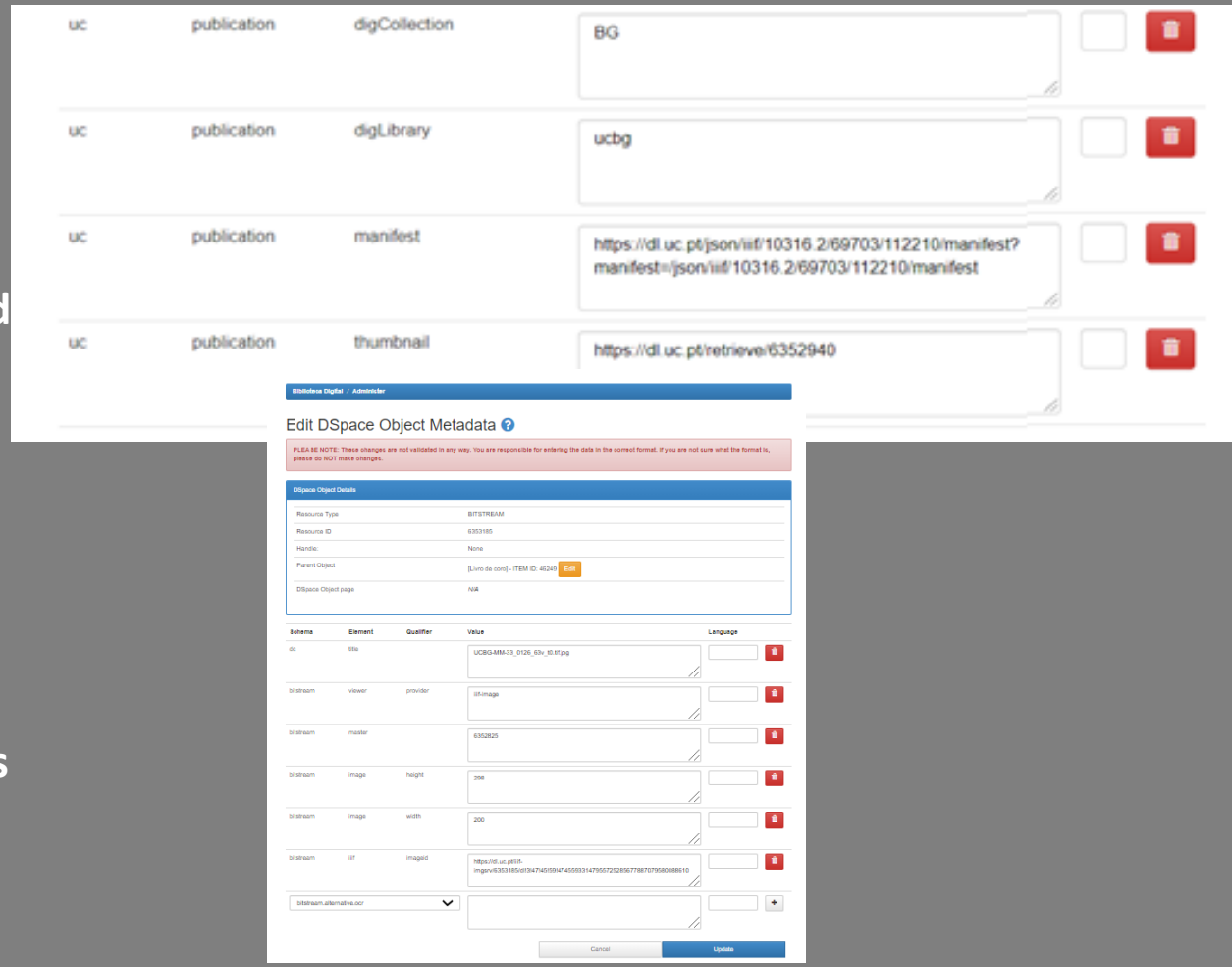
eg. uc.publication.manifest uc.publication.thumbnail

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)

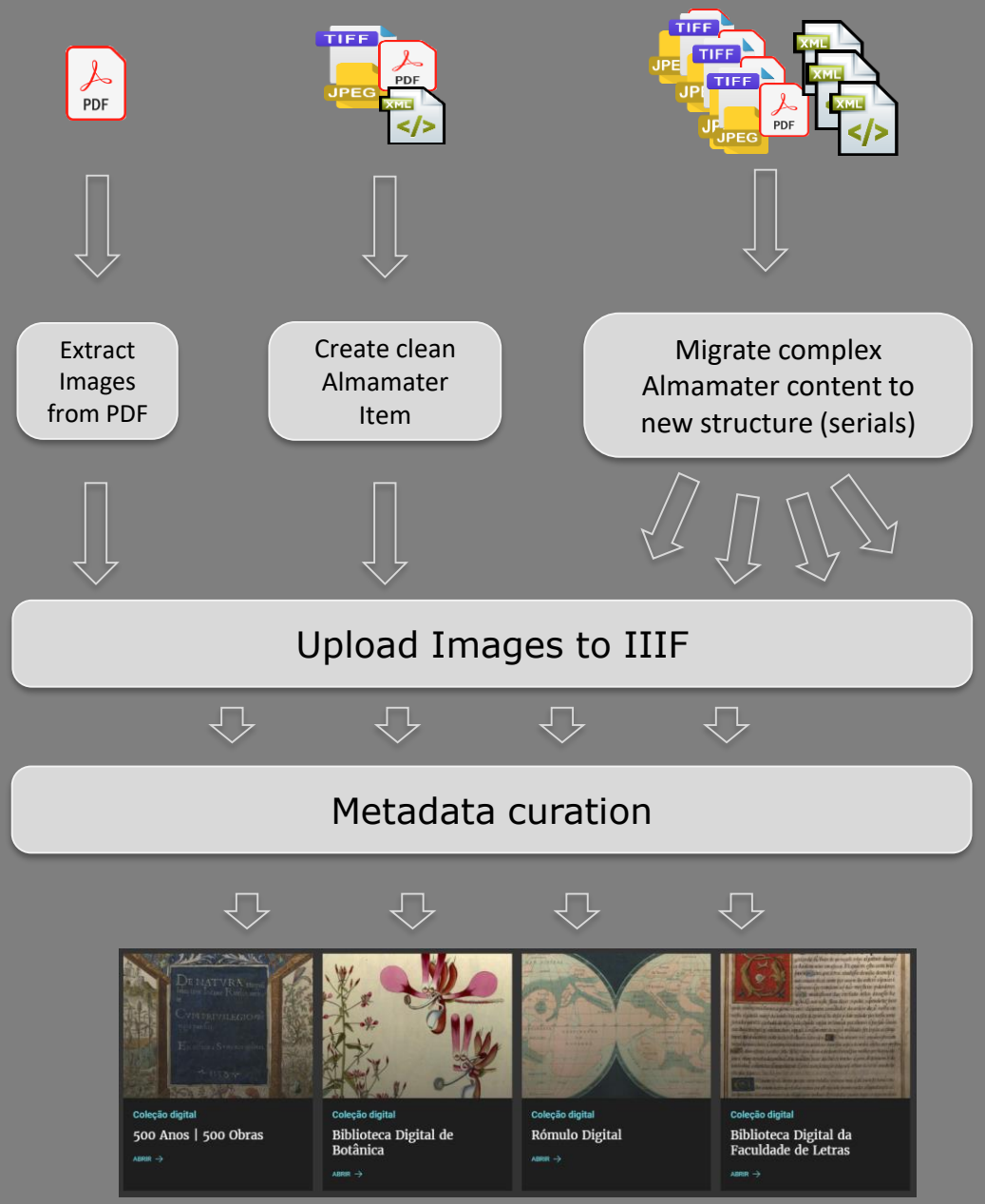
5 500 documents, including 116 serials

5 new curation tasks

6 migration scripts

15792 new dspace items

11484 items with curated metadata



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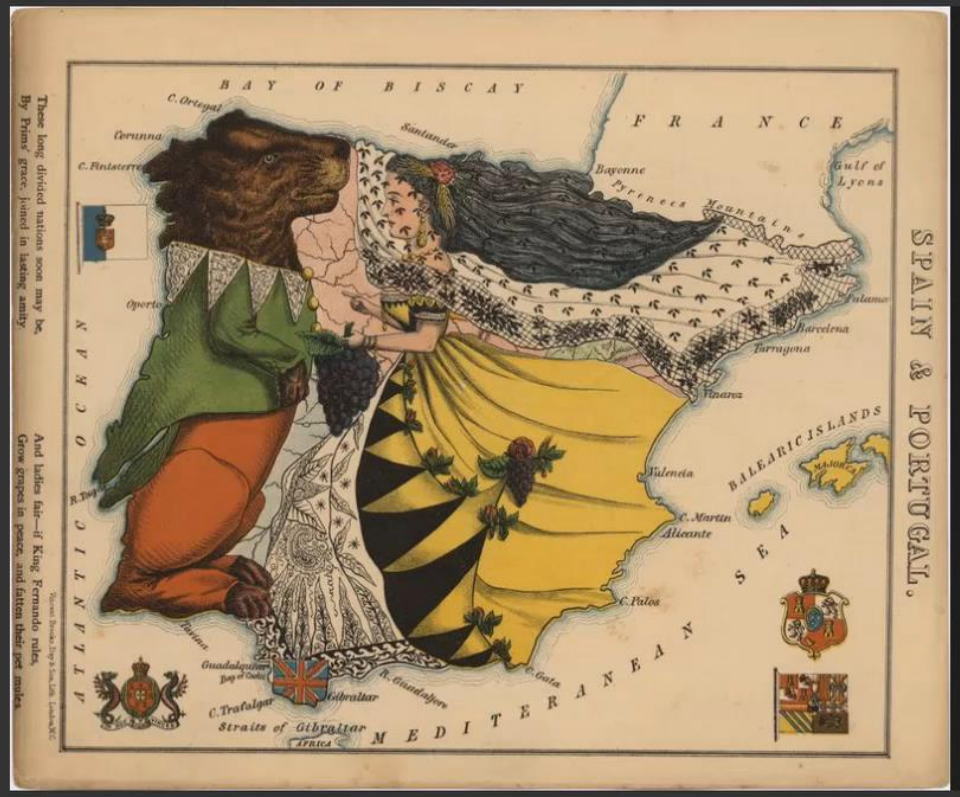
UC Ancient Books Library

Almamater

ALL COLLECTIONS

Search...

FEATURED ALL ITEMS ABOUT



In Digital General Library

Spain & Portugal

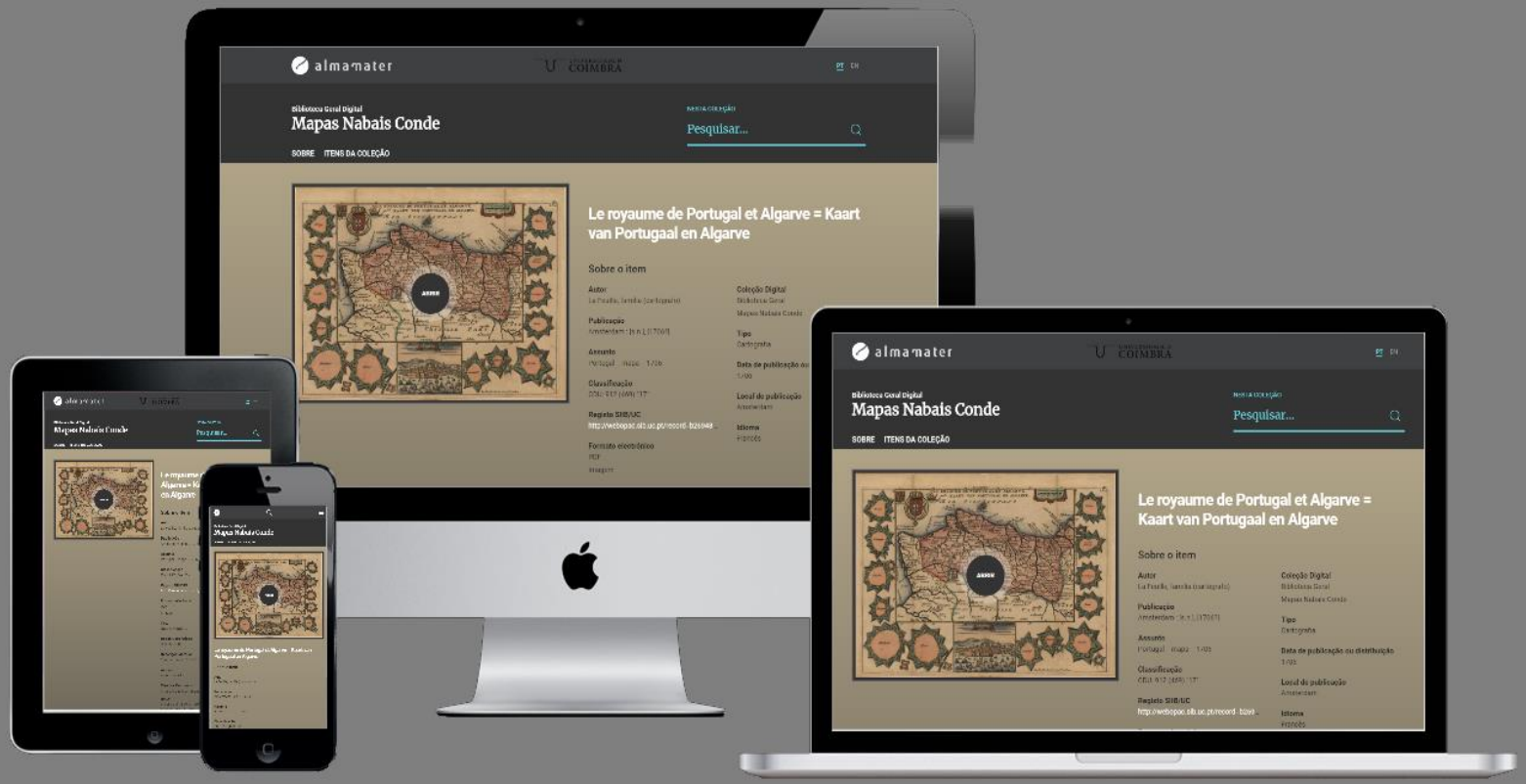
ABRIR →

Collections

9 Coleções 11484 Items 169779 Visualizações

UC Framework
Custom-Made Software
A University of Coimbra company

4SCIENCE
Share your knowledge


almamater
Mapas Nabais Conde
Pesquisar...
Le royaume de Portugal et Algarve = Kaart van Portugaal en Algarve
Sobre o item

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