Digital Libraries@UC with DSpace/GLAM

Universidade de Coimbra (since 1290, Portugal)

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Joint Library Service UC (SIBUC)
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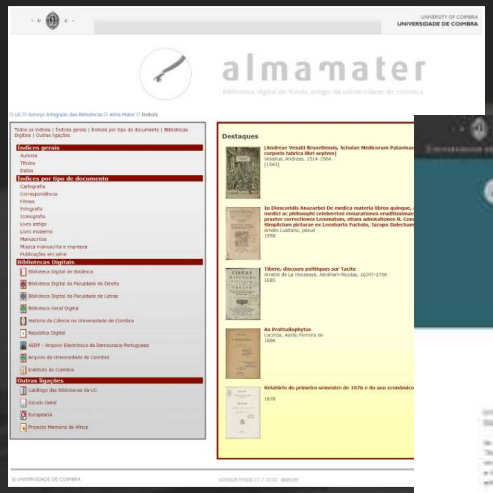
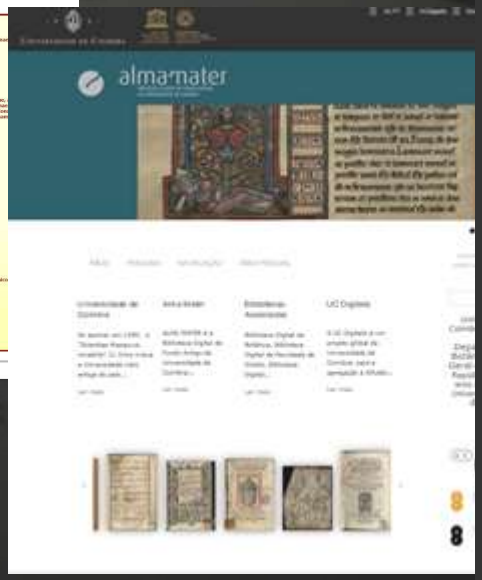
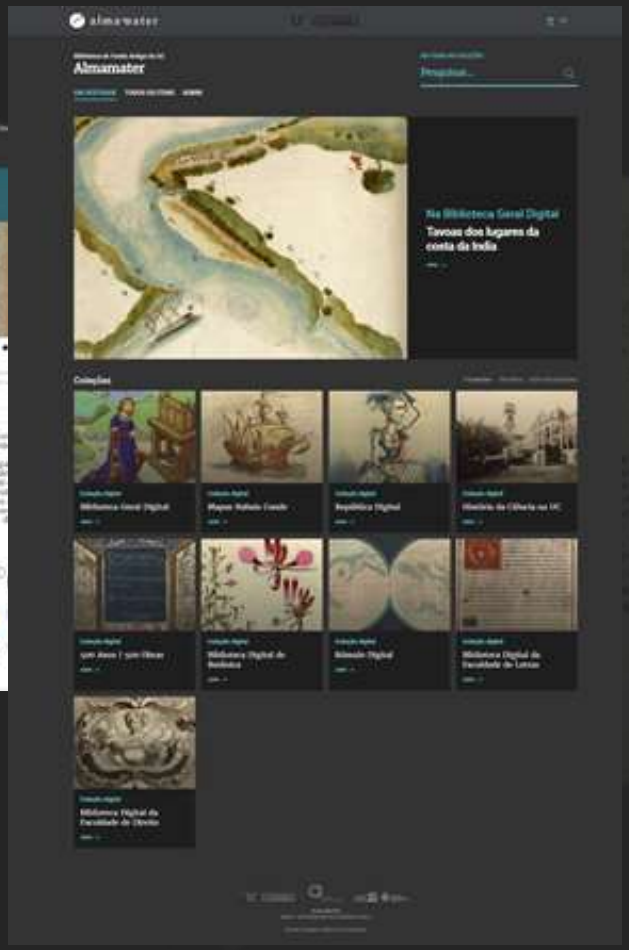
UC path regarding Digital Libraries



2010



2013



2019

UC Main requisits and goals for the Digital Library platform

- **Promote the dissemination of the cultural heritage of the university**
- **Simple and user-friendly access by non-technical public**
- **Good presentation and browsing within each document (IIIF)**
- **Responsive interface**
- **Easy way of building new digital libraries/collections**
- **Smooth data migration**
- **Interoperability**

Alma Mater | Alma Mater | Gestão Almamater - Autenticaçã

https://am.uc.pt

almamater

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UC Ancient Books Library

Almamater

ALL COLLECTIONS

Search...

FEATURED ALL ITEMS ABOUT

In Digital General Library

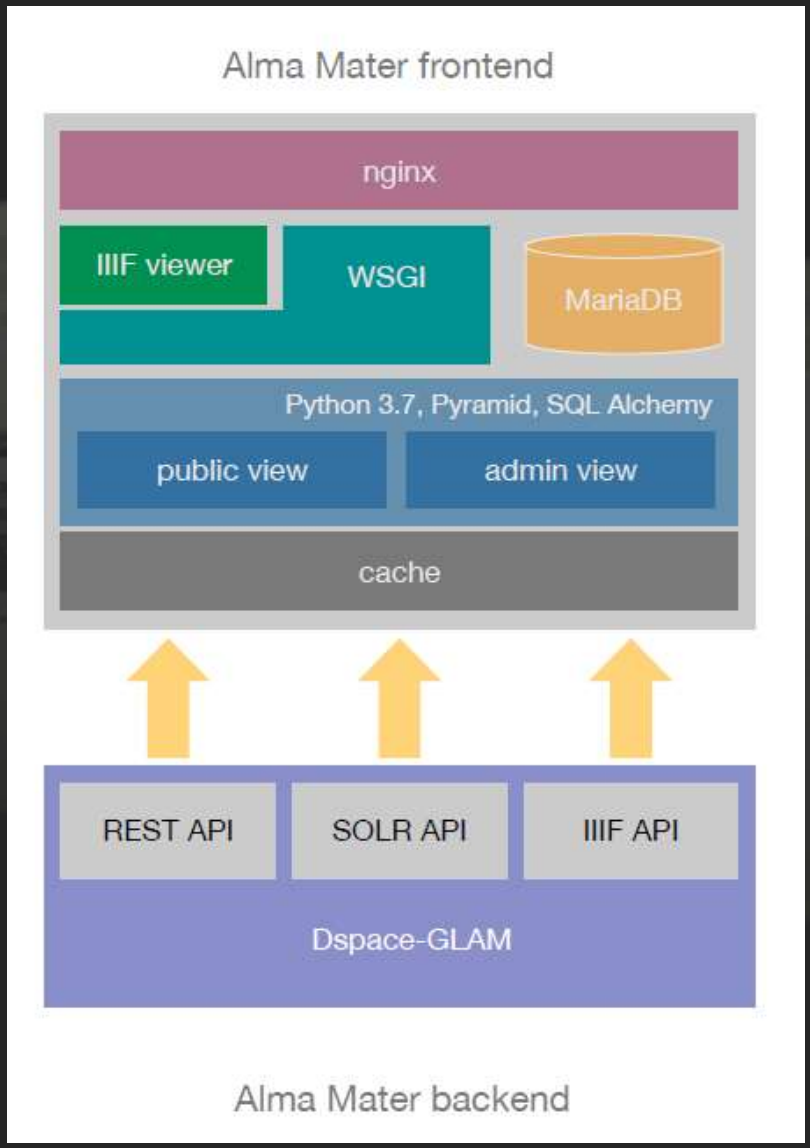
Tavoas dos lugares da costa da India

ABRIR →

Collections

9 Coleções 206 Items 6816 Visualizações

Architecture



Back-end Dspace/GLAM

IIIF Add-on

IIIF Image API
IIIF Presentation API

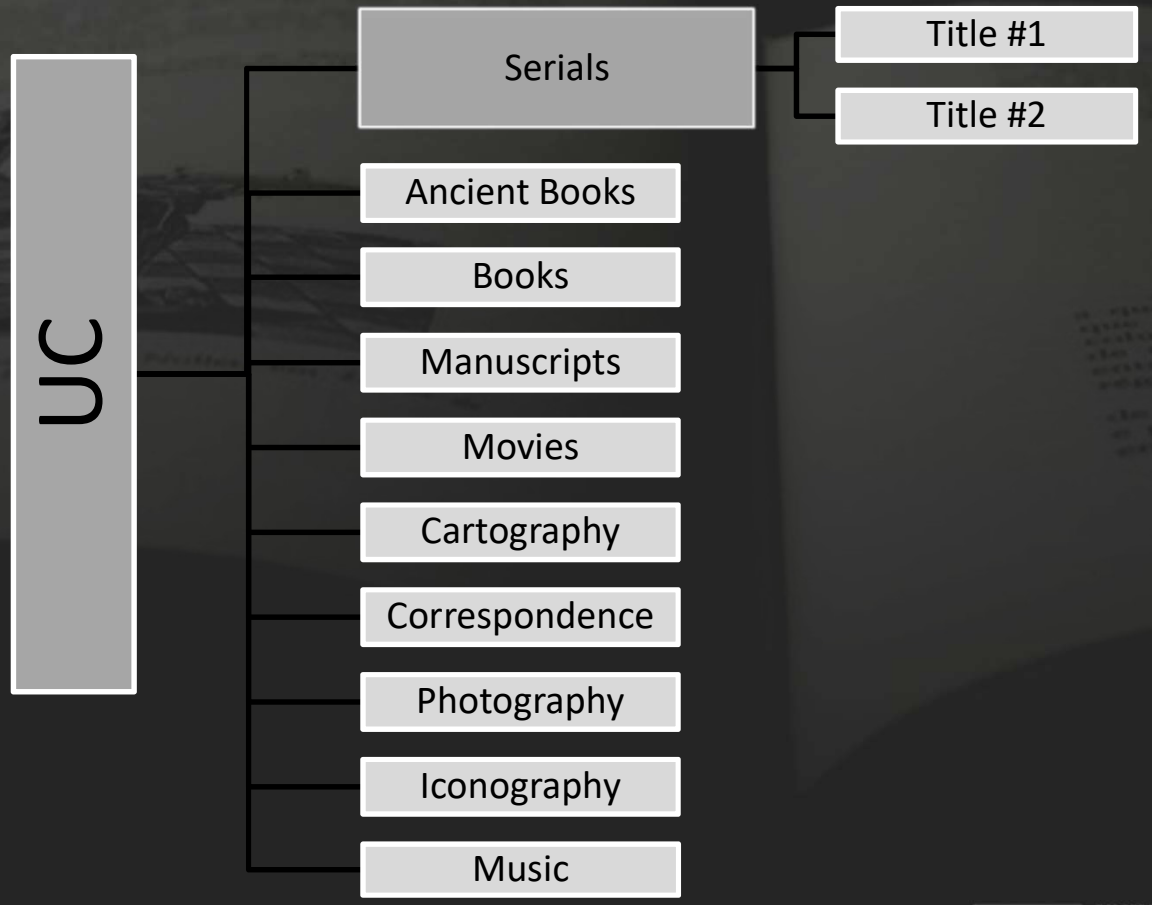
SOLR updated configuration for new filters

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

REST-API (limited endpoints)

Back-end Dspace/GLAM

Simplified Community/Collection Structure



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

New storage

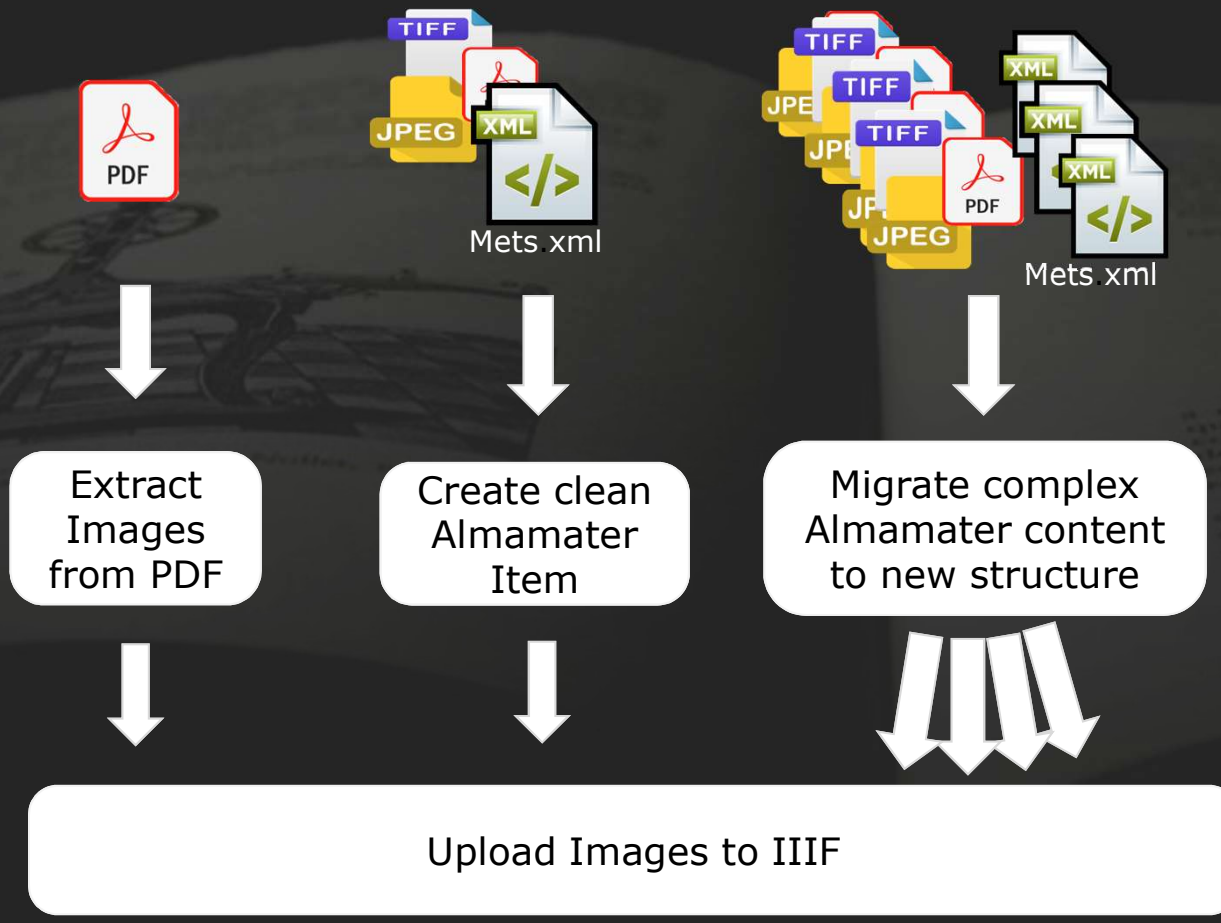
17 Tb of images/PDF's

Content migration

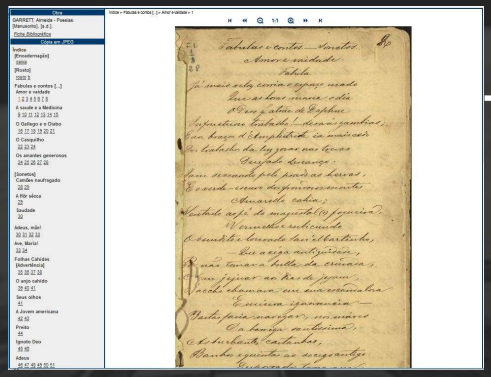
5 500 documents

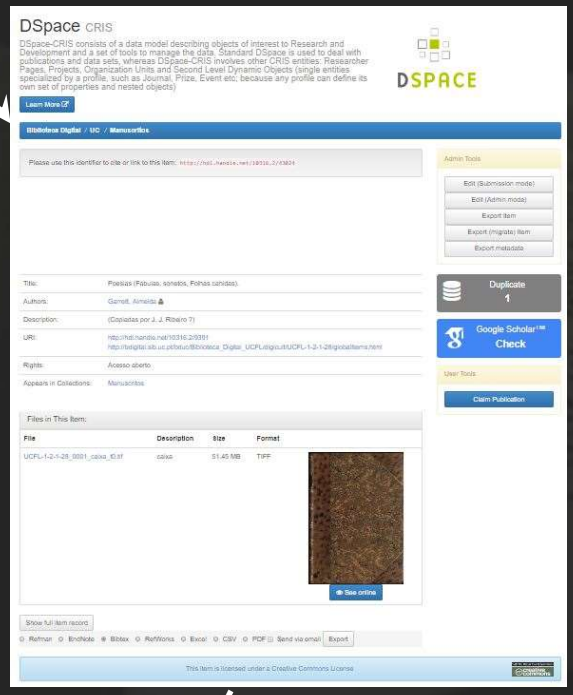
Back-end Dspace/GLAM

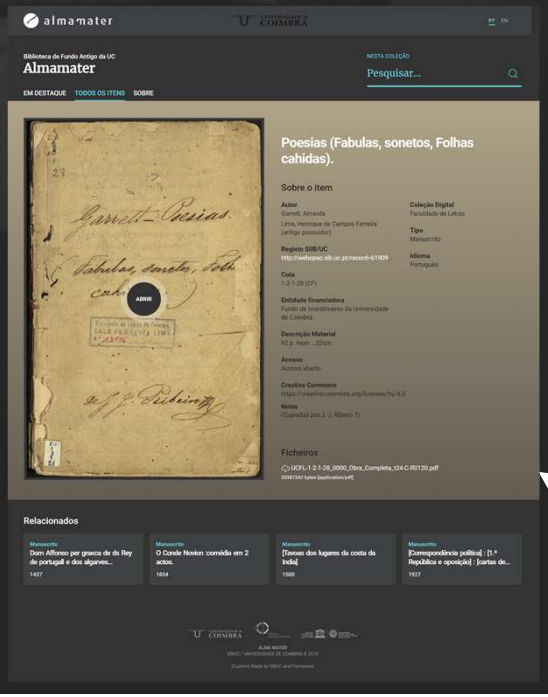
Content Migration and Curation tasks



UC Digital Libraries







Future work

New digital collections

Metadata Curation

Simplified format to upload new digitized content (SAF)

Annotation

Enhanced REST-API (New entities…)

Audio and Video streaming

Acknowledgements

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CIÊNCIA VIVA

FRAME WORK
experiências digitais

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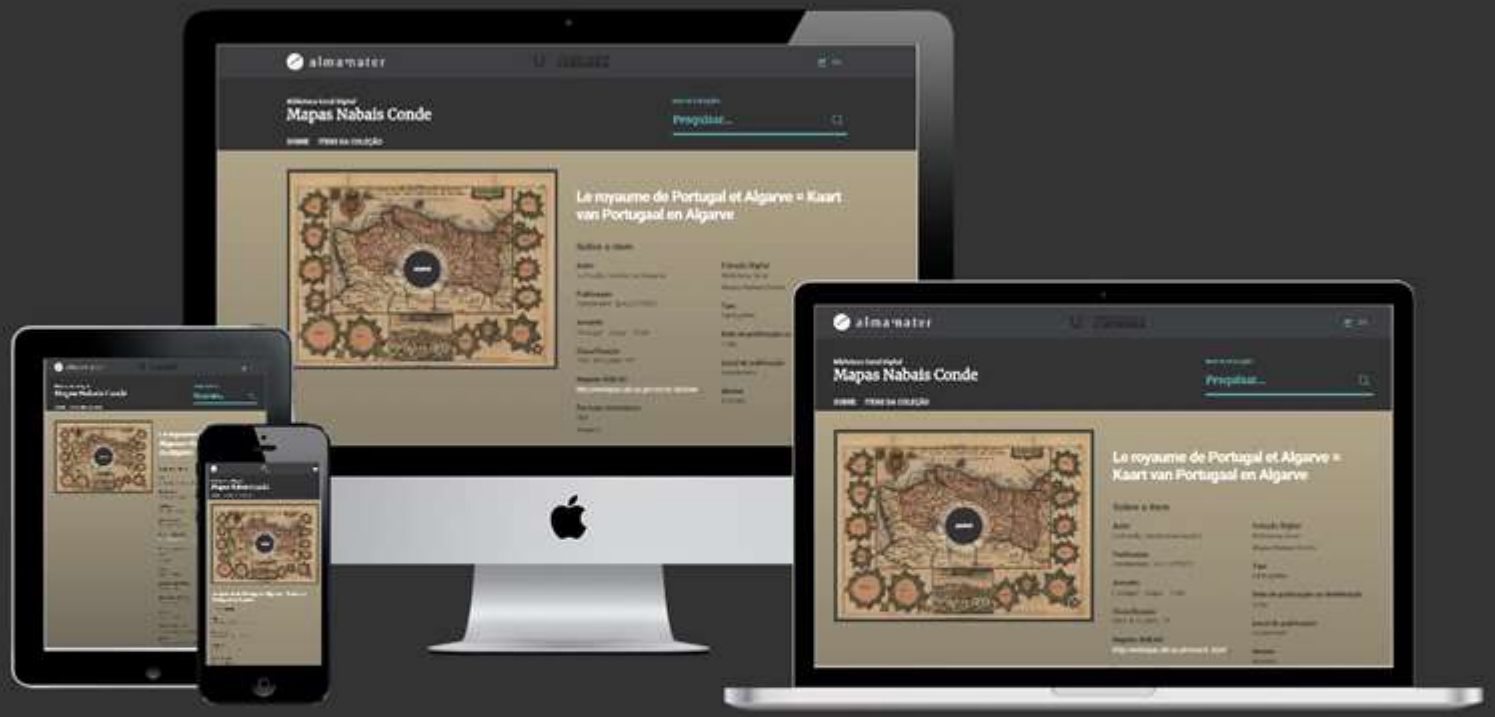

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