

Managing Repositories and Digital Libraries with DSpace-CRIS

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DuraSpace-euroCRIS Interoperability Event

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CRIS2018



Presentation

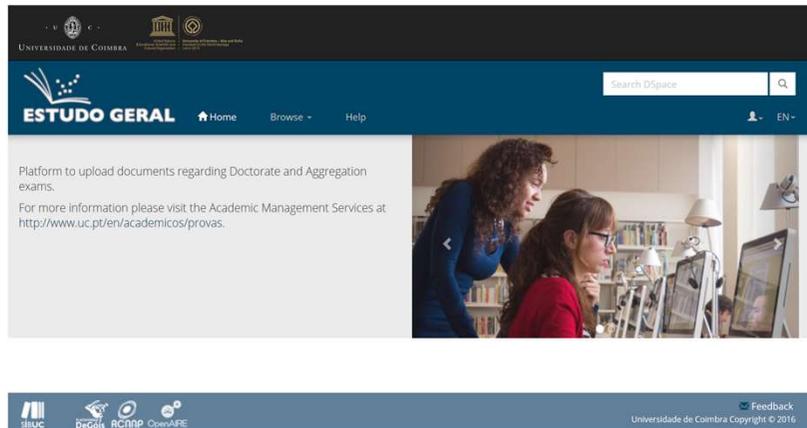
- University of Coimbra, Portugal
- Founded in 1290
- UNESCO World Heritage since 2013
- Joint Library Service of University (SIBUC)
 - created in 2007
 - manages the institutional repository (Estudo Geral)
 - other systems supporting (digital) libraries



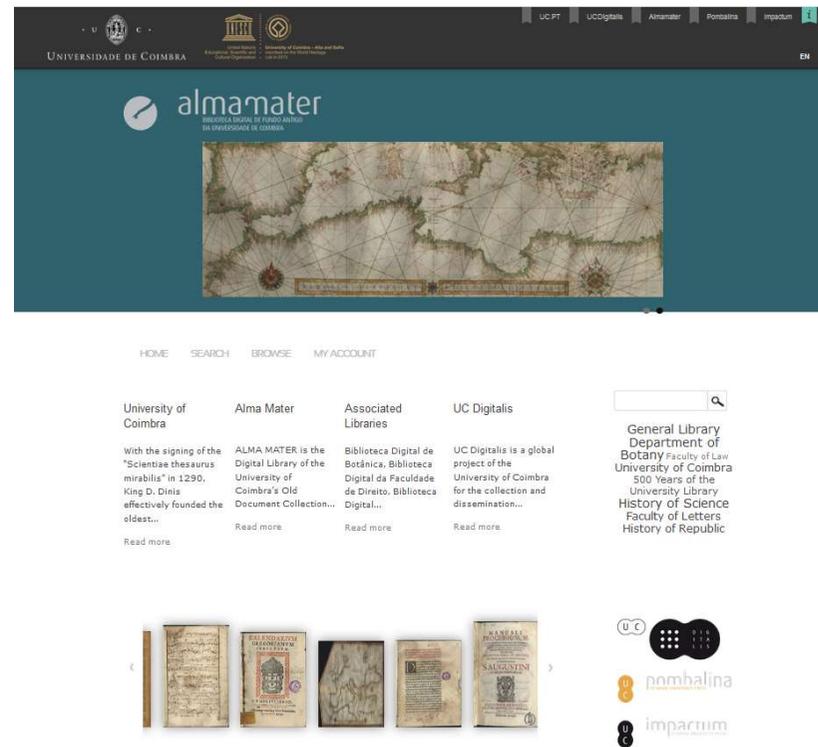
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Context

Estudo Geral (2008) DSpace 5.5



UC Digitalis (2012) DSpace 1.6.2, Drupal 7



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Motivation

- Existing sparse, unstructured and complex solution
- Make vast cultural heritage widely available in a simple way to curators
- Relate digital objects and metadata with other entities in ancient documents context and scientific publications context
- Answer to the demands of research units, with a Current Research Information System closely related to the repository

Goals

- Define and implement a new open framework to host:
 - scientific institutional repository
 - the university cultural heritage contents
 - research data
- Manage the entities involved in research management
- Interoperability with internal and external systems
- Compliance with open standards
- Sustainability

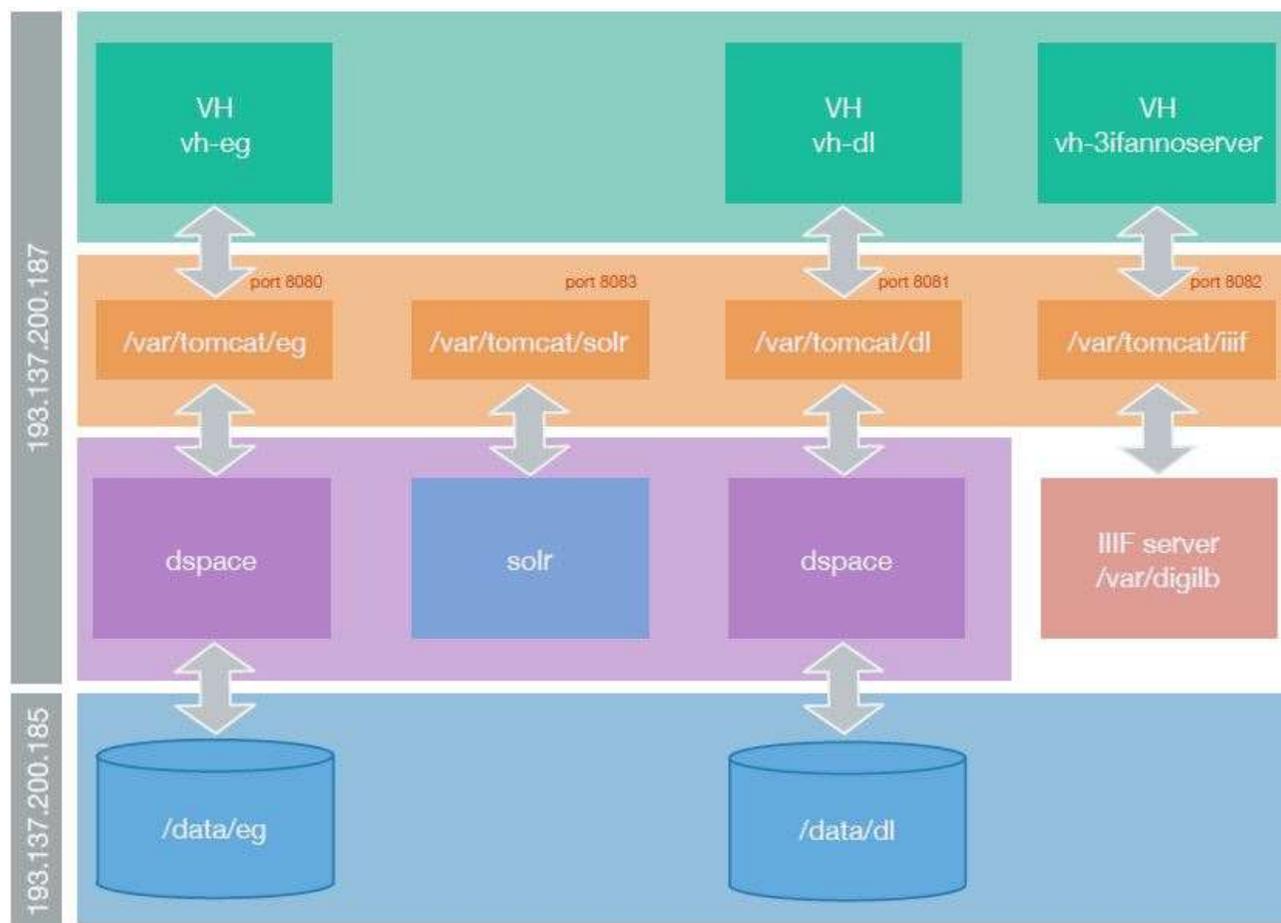
Why DSpace-CRIS

- Smooth migration of existing digital content
- 10 year experience in managing DSpace instances
- Dissemination and re-use of digital assets
- Flexible data model – new entities
- Navigation over high resolution images
 - IIIF add-on
 - Document Viewer and OCR
- ORCID integration
- RCAAP and OpenAIRE interoperability

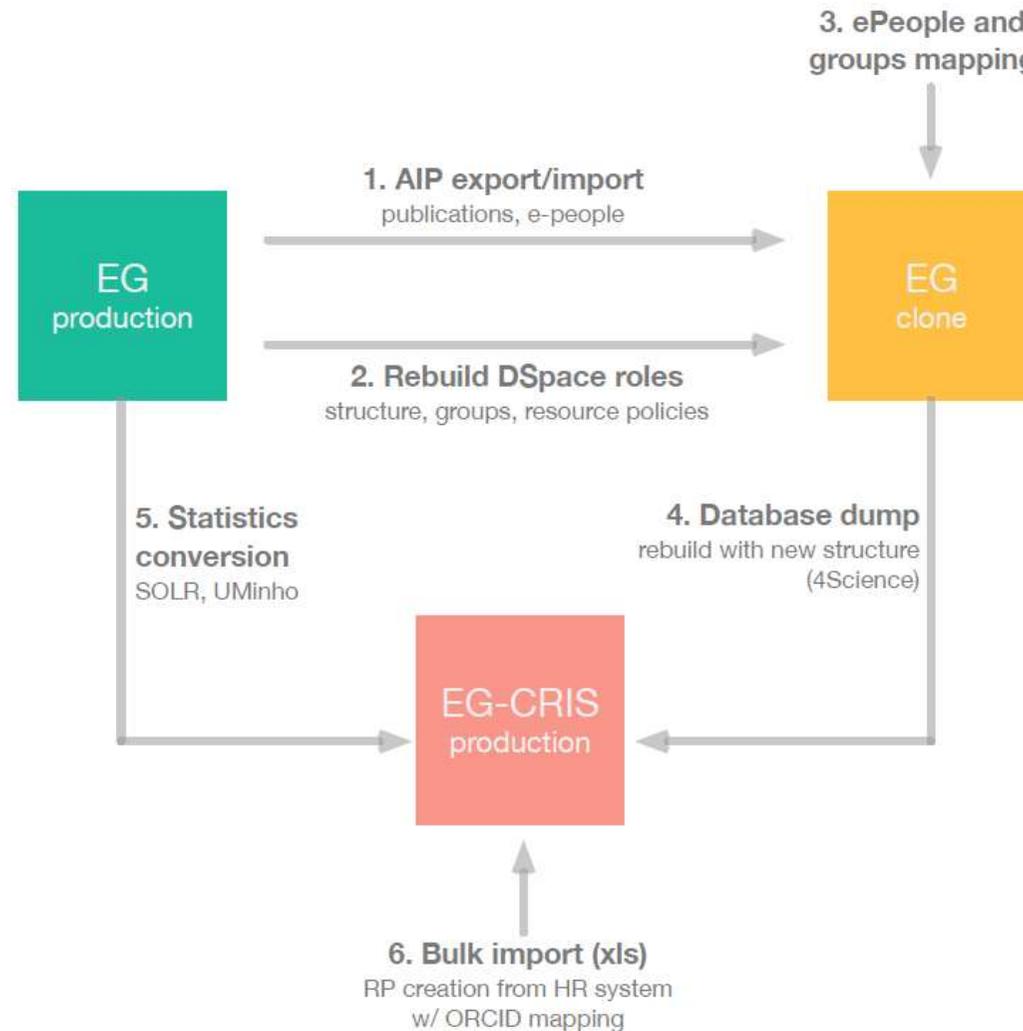


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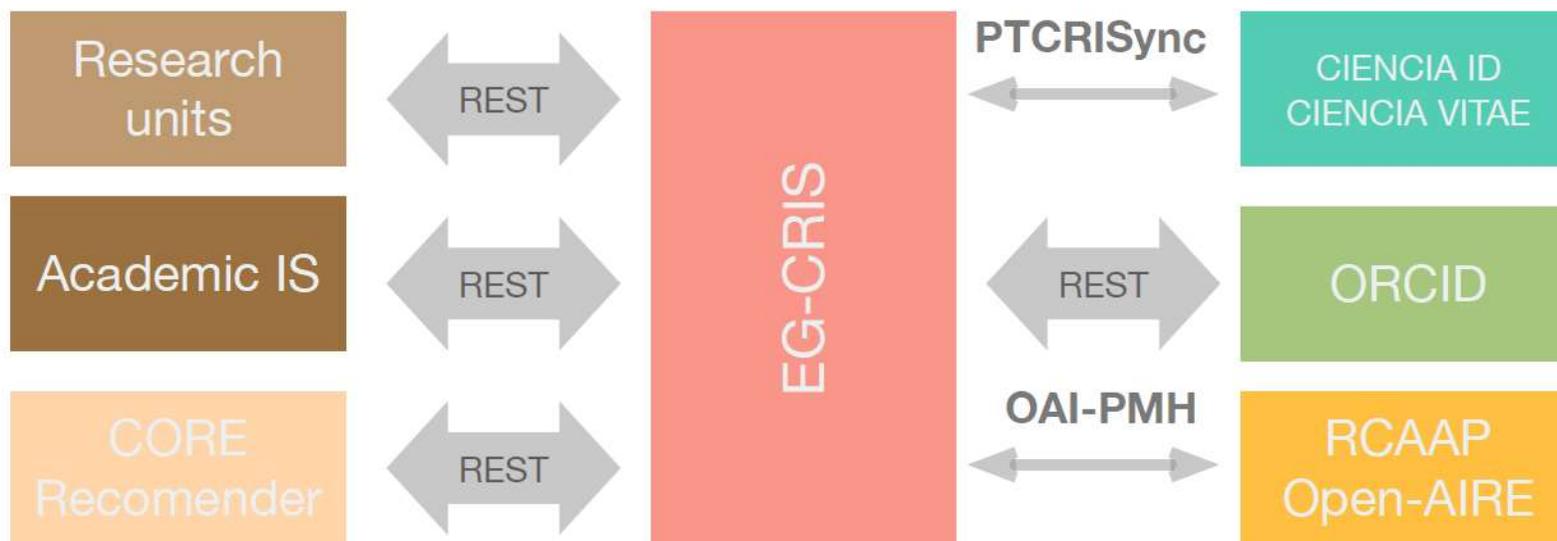
Implementation architecture



Data Migration – Estudo Geral



Interoperability



Estudo Geral @ UC



Welcome

ESTUDO GERAL is the Digital Repository for the Scientific Production of the University of Coimbra, an initiative that intends to provide access to the digital scientific contents from authors of the University of Coimbra.

30 463
Deposited Items

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MasterThesis

Main Issues and challenges

- Documentation
- ORCID integration
- User interface
- REST- API for existent and new Dspace-CRIS entities
- Data curation
 - nested metadata
 - entities management
 - identifiers (eg. ISNI for OU)
- [Dspace-GLAM for UC Digitalis](#)

Acknowledgements



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