Implementing a DSpace-CRIS for EuroCRIS

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Overview

• Brief presentation of main stakeholders (Cineca, GrandIR, euroCRIS) – 4 slides
• What is a CRIS? – 1 slide
• What is DSpace CRIS? – 1 slide
• What is relevant here? – 1 slide
• Why did euroCRIS adopt DSpace CRIS? – 1 slide
• Main features of euroCRIS installation – 6 slides
• Benefits for universities and other research institutions – 1 slide
Cineca (cineca.it) is a not-for-profit consortium of 72 Italian organizations (universities, research centres and the Ministry of Education & Research)

- Largest Italian computing centre, one of the most important worldwide
- Projects and services on high performance computing, big data management
- Design and development of IT applications & services for academic, learning and research environments
- > 700 employees (> 900 with Kion)
CINECA

Cineca’s role in DSpace community

- Supporting DSpace since 2003:
  > 20 repositories maintained,
  > 60 by 2015
- In the Committer Group since 2006 (two members)
- Registered Service Provider since 2010 (only 7 in the world)
- Main contributor of DSpace 4 (particularly the new JSPUI)
- Developer and maintainer of DSpace-CRIS (an open-source CRIS designed in collaboration with the University of Hong Kong)
GrandIR

• GrandIR Ltd (grandir.com) is a company based in Edinburgh that focusses on:

• **Delivering IT Services** for Higher Education Institutions and Research Organisations

• **Delivering consultancy Services** on technical solutions and infrastructure in the research information management domain

• **Promoting Open Access-related initiatives**, such as repositories and digital libraries, in a cooperation framework
euroCRIS (eurocris.org) is a not-for-profit organisation, dedicated to the development of quality CRIS (Current Research Information Systems) enabling a wide-scale interoperability.

euroCRIS is the custodian of CERIF, an international, standard, integrated data model for storing and exchanging information on research entities (e.g. people, projects, publications etc), links and semantics.
What is a CRIS?

A Current Research Information System (CRIS) is an information system to collect, store, manage, retrieve, expose and exchange data about research conducted at an institution.
What is DSpace CRIS?

dspace-cris is a new additional open-source module for the DSpace platform. It extends the DSpace data model providing the ability to collect, store, manage, retrieve, expose and exchange data about all research entities (people, organization units, projects, grants, awards, patents, publications, etc.)

Download dspace-cris at:

http://cineca.github.io/dspace-cris/

(features, documentation, installation, step-by-step instructions)
What is relevant here?

- **euroCRIS** adopted DSpace-CRIS in 2013 as the repository to collect, store, preserve, and disseminate its intellectual output, and to manage other CRIS entities, their links and semantics.

- **GrandIR** manages configurations and administration of the repository.

- **Cineca** is the provider for software and (soon) hosting services.

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Why did EuroCRIS adopt DSpace CRIS?

- To disseminate its main outputs: publications, proceedings, contributions to numerous events: biennial conferences, biannual membership meetings, workshops and seminars.
- To enhance their visibility (they were previously available as sparse material on the web site).
- To add CRIS functionality to showcase activities, projects and collaborations.
- To have a CERIF-compliant system at sustainable costs.

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Welcome to the euroCRIS DSpace CRIS digital repository

The euroCRIS DSpace CRIS is the digital portal where outputs from all euroCRIS discussion and dissemination activities are stored and offered free access from. These include among others euroCRIS membership meetings, strategic seminars and CRIS Conferences, together with the outputs of the different euroCRIS Task Group activities.

The underlying open source DSpace CRIS platform combines the agile open access content management provided by DSpace with additional CERIF-compliant CRIS features (CRIS: Current Research Information System) built on top.

New CRIS2014 papers

Browse by research entity

Host euroCRIS collections

http://dspacecris.eurocris.org/jspui

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Cerif Export

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More to come....

- Network visualization and analysis
- Usage Statistics (need for usage data to be collected over a sufficient amount of time)
  - CRIS entity detail page visit
  - Item views & downloads (including Global & Top)
  - related CERIF entity views & downloads
- Population with less recent contributions (pending completion)
- Complete configuration
- Extend entities and descriptions (e.g. researchers’ profiles, community engagement expected)
- Upgrade to DSpace 4, hosting by Cineca
Conclusions

- Benefits for universities and other research institutions:
  - Fully-featured, interoperable repository
  - Visibility on the web
  - CRIS to manage other research entities than publications
  - Open-source platform to be independent and for long-term sustainability
  - Free software to reduce expenses
  - Full support if and when needed (contact the authors of this presentation)
  - Opportunity to upgrade to a fully-featured CRIS (business processes, reporting, system integration etc):
    
    http://www.cineca.it/en/content/iris-institutional-research-information-system
Thank you!

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