COAR Interoperability project and Usage Statistcs

Eloy Rodrigues (UMinho)

Chair of COAR Working Group on Repository Interoperability

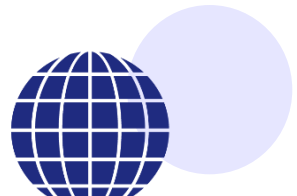**Workshop "Usage Statistics and Beyond"**

Berlin,

22-23 April 2013

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Agenda

- Introducing COAR

- COAR Interoperability Project

- COAR Interoperability Project and Usage Statistics
  - Usage Statistics Interest Group

Who we are?

The World Confederation of Open Access Repositories uniting and representing more than 100 institutions worldwide (Europe, Asia, Latin America, the U.S. and Canada)

Some recent new members:

- Cornell University Library (US)
- The Izmir Institute of Technology Library of Turkey, Özyegin University and Middle East Technical University (TR)
- La Referencia members (Latin America)
- Sistema Integrado de Bibliotecas of Universidade de São Paulo (BR)

Introducing COAR

Our vision:

- To be the leading, independent, worldwide organisation of Open Access repository communities

Our mission:

- To facilitate greater visibility and application of publicly-funded research outputs
- To promote and support a global network of Open Access repositories

COAR Strategy – 2012–2015

COAR strategy will focus on **Community**, **Leadership** and **Support** at an **international** scope

1. To **promote the development of a global, sustainable network of open access repositories** as key element of the evolving international scientific information infrastructure, including social sciences and humanities, in support of excellence in research and education

2. To **provide support for the OA repository community** from institutions, countries, regions and disciplines, through international cooperation and information sharing

3. To define and **promote interoperability, standards, and infrastructure policies**

4. To **stimulate the development and take-up of user added-value services** on top of the repositories

COAR Organisation

Executive Comitee

Chairperson : Norbert Lossau, Germany

Vice Chairperson : Carmen-Gloria Labbé, Uruguay

Treasurer: Márta Virágos, Hungary

Executive Director

Alicia Lopez Medina, Spain

COAR Organisation

Working Groups

- WG 1 Repository Content

- WG 2 Repository Interoperability

- WG 3 Repository and Repository Networks Support & Training

Repository Interoperability

- *Objective:* Facilitate the discussion on interoperability among OA repositories and as part of a wider e-Infrastructure
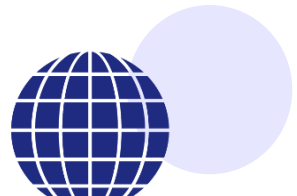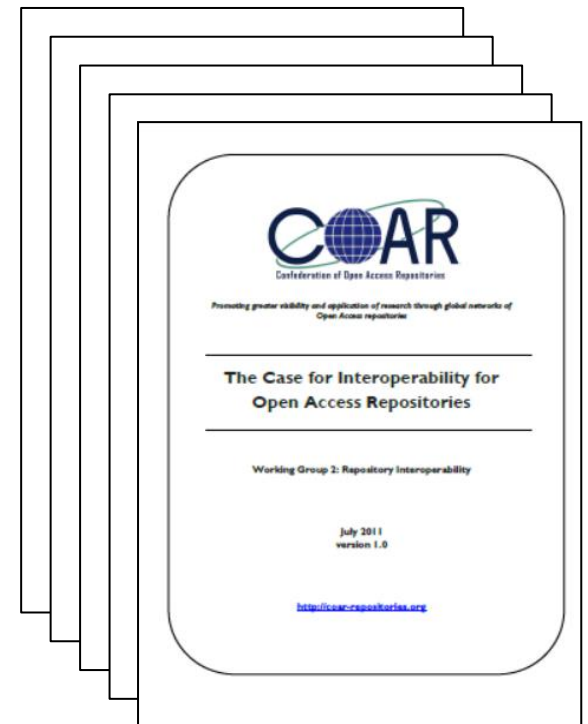- Multiple activities implemented (2011-2012) & planned (2012-2013) through The Interoperability Project

http://www.coar-repositories.org/working-groups/repository-interoperability/

The Interoperability Project

- **The Case for Interoperability for Open Access Repositories (2011-2012)**

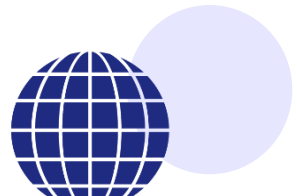Available in English & Spanish

http://goo.gl/oylhf

The Value of Repositories

The real value of repositories lies in the potential to interconnect them to create a network of repositories, a network that can provide unified access to research outputs and be (re-) used by machines and researchers.

(The Case for Interoperability for Open Access Repositories - COAR Briefing Paper)
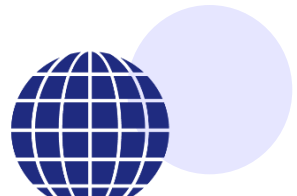
The Value of Repositories

- To fulfill this potential to create a unified body of scholarly materials , we need…

OA Content

…and a "technical glue" that makes this integration possible …

Interoperability

Interoperability to:

CONNECT

- – Between different Repositories
- – Repositories with other information systems
  - Current research information systems (CRIS)
  - Learning Management Systems (LMS)
  - Virtual Research Environments (VRE)
  - Virtual Learning Environments (VLE)
- – And transfer metadata and/or digital objects
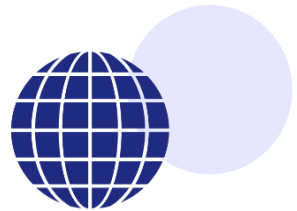
Interoperability to:

CREATE NEW SERVICES & TOOLS

– "On top" of repositories, based on contents aggregatedfrom repositories…

– using today's computational power to datamine and process them, and generate new information and knowledge

2012 – 2013 Interoperability Workplan

- State of Open Access Repository Interoperability – October 2012

- COAR Interoperability Roadmap (Future directions) – 2013??

The Interoperability Project

- ## COAR Current State of Open Access Repository Interoperability (October 2012)
  - Present an overview of the current and emerging services that interoperability initiatives make possible
  - Present interoperability standards/protocols in connection to these services

http://goo.gl/VtNNt

Promoting greater visibility and application of research outputs through global networks of Open Access repositories

The Current State of Open Access Repository Interoperability (2012)

Working Group 2: Repository Interoperability

Release Date: 26 October 2012 v.02
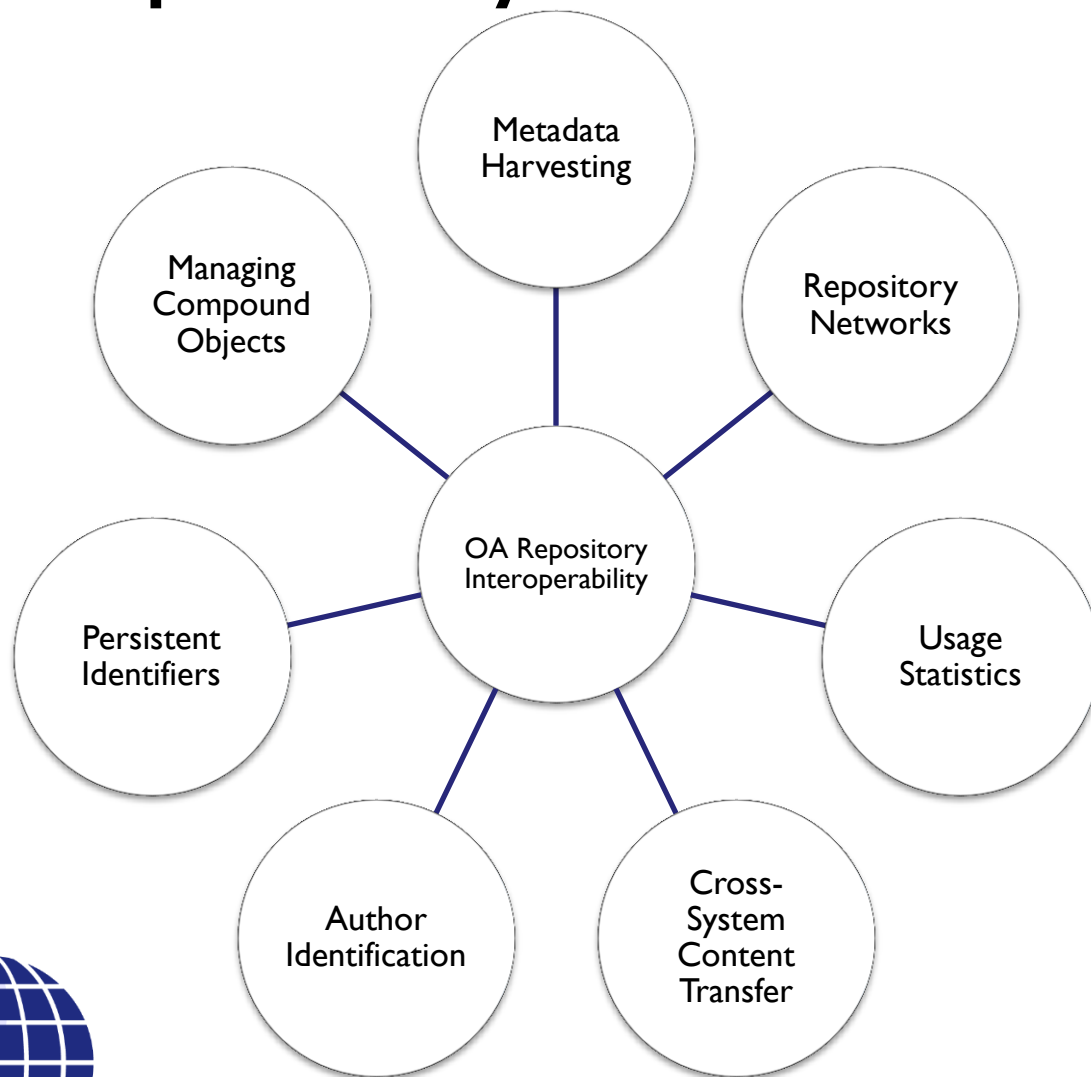
http://coar-repositories.org

Outline of the State of Open Access Repository Interoperability

- **Section 1 – Introduction and Background Information:** general overview of the interoperability landscape, identifying main challenges, current state and emerging areas.

- **Section 2 – Description of current standards/guidelines/projects**

    a) **Description** – Information about specific interoperability guidelines and standards referenced in the roadmap. Each item summarized in a consistent way.

    b) **Applications** : concrete examples of services or applications that have been developed using the standards/guidelines/projects.

    c) **Additional resources** for further readings, particularly focusing on explanatory texts and other useful information.

Areas of Focus for OA Repository Interoperability Initiatives

Specific Interoperability Initiatives

Areas	Associated Initiatives
Metadata Harvesting	OAI-PMH
Repository Networks	DRIVER OpenAIRE National repository networks UK RepositoryNet+
Usage Statistics	COUNTER KE Usage Statistics OA-Statistik PIRUS/IRUS-UK SURE
Cross-System Content Transfer	SWORD Open Access Repository Junction CRIS-OAR Metadata Interoperability

COAR Interoperability Roadmap

- Work starting

- Editorial team:
  - Friedrich Summann (Leader)
  - Eloy Rodrigues
  - Jochen Schirrwagen
  - Alicia López Medina
  - Katharina Müller

- Experts Advisory Panel

- Initial Draft (for internal discussion): Scheduled for May

COAR Interoperability Roadmap

- # **Current/Provisional outline**

- Current Status

- Repository Landscape

- Interoperability criteria and use cases
  - Visibility (Metrics, Usage metrics, Registries, Service providers)
  - Data Issues (metadata, Fulltext, citation, LOD, Research data, etc.)
  - Usability (authors, institutional, end-users, visualization)
  - Sustainability (Preservation, Persistent Identifiers)
  - Add-on Services

COAR Interoperability WG2
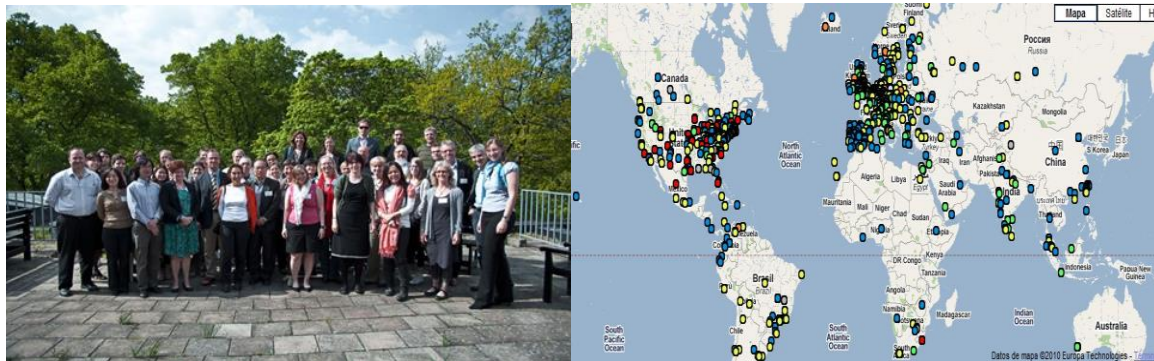# Interest Group: Usage Data and Beyond

- Kick-off tommorow

- Interest Group Leader: Daniel Beucke (UGOE, COAR)

- Possible Activities for 2013-2014
  - Robot List
  - Contribution to COAR Interoperability Roadmap
  - Enhancement/Revision of "State of the art report"
  - ….

Become active in the global
COAR community!

Contact:
office@coar-repositories.org

4th Annual Meeting of COAR
May 7-8, 2013
İstanbul, Özyeğin University Library, Turkey