Experiments in Data/Publications Linking

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Outline

1. Background
2. Proposed prototype/showcase/demonstration
3. Workshop idea
4. What do you need from iCORDI?
Background 1/2: Infrastructure for a purpose

- Storage, curation and preservation of large amount of data
- Data sharing and seemless access to different heterogeneous data repositories
- Scholarly communication
- Data analysis & mining

+ other variants (e.g. particular domain, specific data type, certain geographical region)
Background 1/2 (cont.):

An ecosystem of e-Infrastructures

- Storage, curation and preservation of large amount of data
- Scholarly communication
- Data analysis & mining
- Data sharing and seamless access to different heterogeneous data repositories
Background 2/2: OpenAIREPlus

«2nd Generation of Open Access Infrastructure for Research in Europe»

- linking «articles» to «related data»
Linking publications & data interoperability issues

According to the type of functionality offered to the users it needs to:

- Discover dataset & its ID
- Access and understand metadata/dataset
- Process metadata/dataset
Prototype

Focus

Interoperability issues & solutions for linking articles & data in the biodiversity domain
Rational

- There is a real need of linking data & publications in the biodiversity domain
- CNR & ATHENA are already dealing with biodiversity data in other projects
- Biodiversity is one of the areas that will be experimented in EUDAT
- Biodiversity is one of the areas addressed by DataOne
- Many data repositories and data journals are already operational at international level (e.g. GBIF, OBIS, DRYAD, PANGAEA, Pensoft)
- Liaisons with large initiatives like GEOBON and Creative-B are also possible
Workshop idea

๑ Audience

Repository and Data Archives designers (e.g. COAR members) & journal publishers

๑ What would you want to get from the workshop?

Feedback on the prototype, identification of common patterns, and best practices
What do you need from iCORDI?

- Facilitating the networking with other initiatives dealing with similar issues/solutions
- Provision & maintenance of cooperation tools
- Travel & accommodation expenses for a limited number of experts
- Dissemination of the results