NEEO's data curation

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Erasmus Data Service Centre (EDSC)

http://www.eur.nl/edsc/english

The EDSC provides access to financial and social science databases and gives individual support and workshops for students and staff of the Erasmus University Rotterdam. For more information click here.
Experiences from an earlier project “Together in sharing”

Summary and conclusions

• An enriched publication is a concrete example of a new business model of scientific publications. The project “Together in Sharing” shows interest from researchers.
• The experiences of this project must get a follow up. More enriched publications are needed to create support by more research institutes.
• Offering enriched publications as normal service as part of a production unit is not yet feasible. More experiences with smaller projects and more automatization is still needed.
• Standards like DDI 3.0, SDMX en XBRL will be important for the development of enriched publications and new services for researcher.
• A good cooperation with researchers is needed
• It is of utmost importance that the results of the project will be presented internationally

Questions?, please contact Rob Grim

Demonstrator
Overview

The network: Nereus
The project: NEEO
The product: Economists Online
The Network

Nereus

Nereus is integrating the access to the economics resources of key libraries, academic publications and other online resources in Europe and beyond.

Over 20 partners

Aim

making first-rate academic information accessible to the European academic community in as simple a way as possible.

Somewhat similar to EBSLG (Business Administration)
The Project

NEEO
1 Sept. 2007 – 1 March 2010
Project budget €1,976,208
eContentplus, DG Information Society and Media, EC funding €988,104

16 partners, from 8 European countries.

Aim
“To address the lack of integration of academic output amongst premier European economics institutions by creating a powerful new research tool called Economists Online.”
Innovations

- NEEO is a concerted European effort that systematically links primary research datasets to publications.
- Introduces the development of a new profession to the library community of continental Europe: The Data Librarian.
- NEEO makes researchers visible who publish their data (and thereby creates exposure for their research).
- NEEO accredits all contributors to the data life cycle, that is: dataset owners, data sources, data providers/distributors. (*capture relevant data provenance information*)
Innovations

- NEEO provides a good practice for the citation of datasets that are used for scholarly research.
- NEEO deliberately seeks to expand the frontiers of the scholarly content that is currently available at institutional repositories (align with enhanced publications movement)
- NEEO aggregates and indexes features of datasets which enhance disciplinary and subject based content discovery for economics research.
- The NEEO project generates unexpected spin off: Emergence of institutional departmental policies for archiving, sharing and access to research data.
Work packages

1. Project management
2. User requirements
3. Content traditional publications
4. Content datasets
5. Interoperability Infrastructure and Gateway
6. Multilingual issues
7. Awareness and dissemination
8. Assessment and evaluation
Objectives

- To disclose and link the research data of resulting publications of leading economists in Europe on the Internet
- To make these datasets openly accessible and freely available
- To make an inventory of the problems involved in the disclosure of primary research data
Deliverables

- Report on the selection and implementation of the data repository (incl. datasets issues report)

- Data repositories with content report
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- Collection of datasets
- Storing of datasets (Local Institutional Repositories and Central Dataverse)
- Creating metadata of datasets (Minimal set)
- Disseminate of datasets to EO portal
Collection

Problems:

• Competition aspects (want to totally use the Dataset before sharing)

• IPR issues

• Afraid for criticism of fellow researchers

• Datasets still being constructed, looking messy
Solutions:

- Support from faculty board
- Personal websites researchers
- Journals with datasets policy (i.e. Journal of Applied Econometrics; Journal of money, credit and banking; Review of Economic Studies).
- Contact almost retired researchers
- Contact experimental economics researchers (generate their own data)
Storage

- Storage of datasets (Local IR)
- Central I (Dataverse)
- Central II (EO portal)
Metadata creation

DDI in Dataverse

**Required fields:**
Title, Authors, Related publication, Producer, Production date, Distributor, Distributor contact, Topic classification, Time period covered; start / End, Geographic coverage, Universe, Kind of data.

**Optional fields:**
Other identifier, Keywords, Related material, Frequency

**Automatically generated field:**
Study identifier
Dissemination

The product

EO portal

(Under construction, Datasets are implemented in version 1.5. August 2009)
Summary and conclusions

Researchers do find datasets important, however they are reluctant to share their datasets.

More experience is needed. We need to develop best practices in collecting, storing, enriching and dissemination of datasets.
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Questions?