DABAR – the national infrastructure for digital repositories

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Digital Art History – Methods, Practices, Epistemologies / DARIAH day

Zagreb, 14 November 2018
SRCE – University of Zagreb, University Computing Centre

• main computing centre and the architect of the e-infrastructure

• covering both the University of Zagreb and the whole research and high education system
The project DABAR

June 2014

3 main goals:
• National infrastructure for digital repositories
  • scalable, interoperable, sustainable, flexible and suited for long term preservation
• Community
  • information needs, application profiles, controlled vocabularies, education and user support
• Promotion of OA

Production: August 2015
DABAR – Digital Academic Archives and Repositories

- 123 digital repositories
- 10 universities
- 2 national repositories
- 75,000+ digital objects
- 33,700+ OA
Repositories...

- https://repozitorij.eizg.hr
- https://repozitorij.gfos.hr
- https://repozitorij.unipu.hr

CMS (Drupal)
Digital objects (nationally agreed)

- Journal articles
- Papers published in proceedings
- Book chapters
- Conference abstracts and presentations
- Theses
- Artistic theses
- Dissertations
- Appendices
- Photographs
- Audio objects
- Audiovisual objects
Repositories...

Linking objects

Persistent identifier (URN:NBN)

Sharng: social networks
Results: rich metadata vs efficiency

Croatian Higher Education Information System (ISVU)
Registry of Study Programs
AAI@EduHr
URN:NBN

HRČAK (OAI-PMH, KBART)
CROSBI (Web/MODS)
DOI/CrossRef (API)
Sherpa / ROMEO
AAI@EduHr
URN:NBN
Registry of Scientists
PubMed Central (API)
An overview of the data held in OpenDOAR

Repositories by Country

- United States of America: 637
- United Kingdoms: 225
- Japan: 222
- Germany: 217
- Spain: 145
- Italy: 132
- France: 92
- Croatia: 111
- Brazil: 99
- Poland: 94
- Canada: 91
- Australia: 84
- India: 81
- Ukraine: 56
- Turkey: 76
- Indonesia: 70
- Netherlands: 62
- Taiwan, Republic of China: 61
- Portugal: 57
- Norway: 55
- Colombia: 53
- Peru: 49
- Sweden: 48
- Argentina: 48
- Chile: 41
- South Africa: 39
- Greece: 37
- Hungary: 37
- Korea, Republic of: 36
- Other: 716

http://v2.sherpa.ac.uk/view/repository_visualisations/1.html
DABAR &
DART Europe

"DART-Europe is a partnership of research libraries and library consortia who are working together to improve global access to European research theses." (http://www.dart-europe.eu/About/info.php)
Interoperability

DABAR's integration with national and global e-infrastructure
Security

- Updates
- Firewalls
- Backup
- Archiving
Workshops

25 workshops for repository managers in Zagreb, Rijeka, Osijek, Split & Dubrovnik with 276 participants

Topics:
• Introduction to repositories in DABAR
• Journal articles in DABAR
• DABAR & OpenAIRE
• Multimedia in DABAR
Community!

March 2016. - memorandum of understanding:

- SRCE
- Ruđer Bošković Institute
- University of Zagreb School of Medicine
- University of Zagreb Faculty of Humanities and Social Sciences
- National and University Library in Zagreb

10 working groups:

- Theses and dissertations
- Scientific and related works
- Image, audio and video content
- Interoperability
- Long-term preservation
- User functionality
- Copyright
- Education & Support
- Research Data
- Educational Resources

29 institutions:
ADU, DHMZ, DZIV, FFOS, FFZG, FOI, FSB, HRZ, **IEF, IPU**, IRB, IRO, KIF, MEDRI, MEF, MEFST, MUZA, NCVVO, NSK, PMF, PRAVRI, PTFOS, Srce, SVKRI, SVKST, UFZG, UNIOS, UNIPU, UNIZD
Roadmap 2018

- Research data (datasets) by the end of November 2018
  - First dataset: https://urn.nsk.hr/urn:nbn:hr:232:359736
  - RegCM4 Climate Change Adaptation Simulations
  - (Croatian Meteorological and Hydrological Service)

Infrastructure for FAIR data?
- Findable (PID, rich metadata, search funct., services)
- Accessible (HTTP)
- Interoperable (open formats, MODS/DC/DataCite, links)
- Re-usable (License, domain standards?)
Roadmap 2019

• Educational object (based on Learning Object Metadata)

• Generic document (plan, report, deliverable, technical documentation, study...)

• Central portal in 2019

• https://dabar.srce.hr/roadmap
Open infrastructure!

- development
- multisite

+ Jenkins, Selenium, Git, ...
Srce politikom otvorenog pristupa široj javnosti osigurava dostupnost i korištenje svih rezultata rada Srca, a prvenstveno obrazovnih i stručnih informacija i sadržaja nastalih djelovanjem i radom Srca. Ovo djelo je dano na korištenje pod licencom Creative Commons Imenovanje-Nekomercijalno 4.0 međunarodna.

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