DABAR - the national infrastructure for digital repositories

Celjak, Draženko

Conference presentation / Izlaganje na skupu

Permanent link / Trajna poveznica: https://urn.nsk.hr/urn:nbn:hr:102:825381

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srce
Sveučilište u Zagrebu
Sveučilišni računski centar

Repository / Repozitorij:

Digital repository of the University Computing Centre (SRCE)

dabar
DIGITALNI AKADEMSKI ARHIVI I REPOZITORIJI







DABAR – the national infrastructure for digital repositories

Draženko Celjak, SRCE – University of Zagreb, University Computing Centre

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

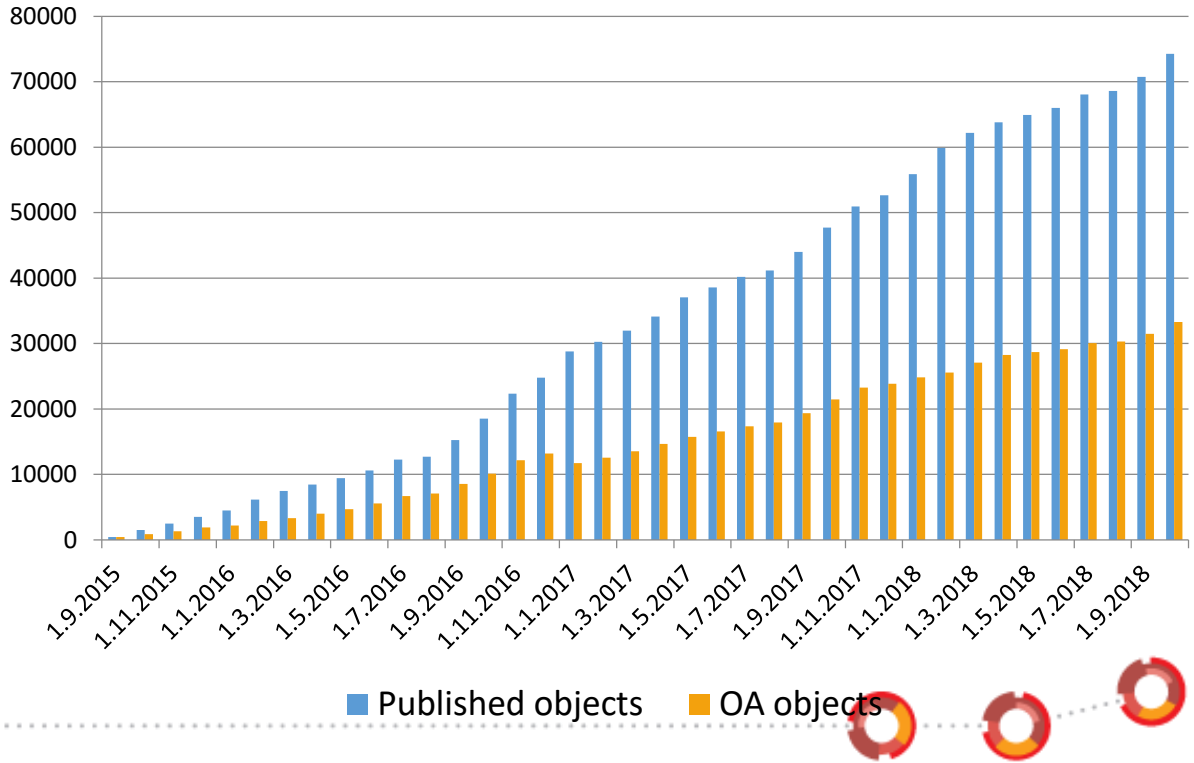
3 main goals:

- 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

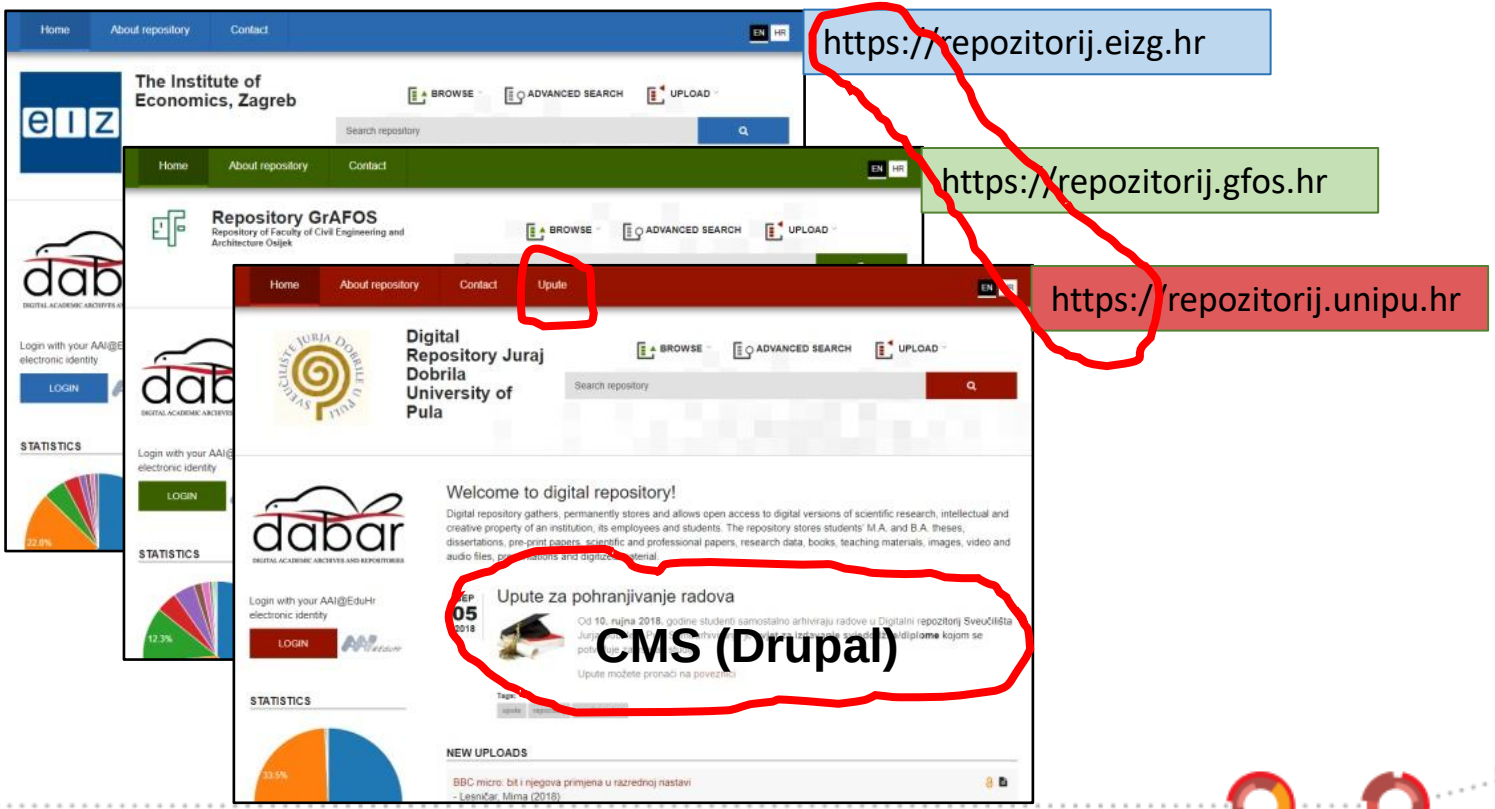
Production: August 2015

DABAR – Digital Academic Archives and Repositories

- 123 digital repositories
  - 10 universities
  - 2 national repositories
- 75.000+ digital objects
- 33.700+ OA



Repositories...

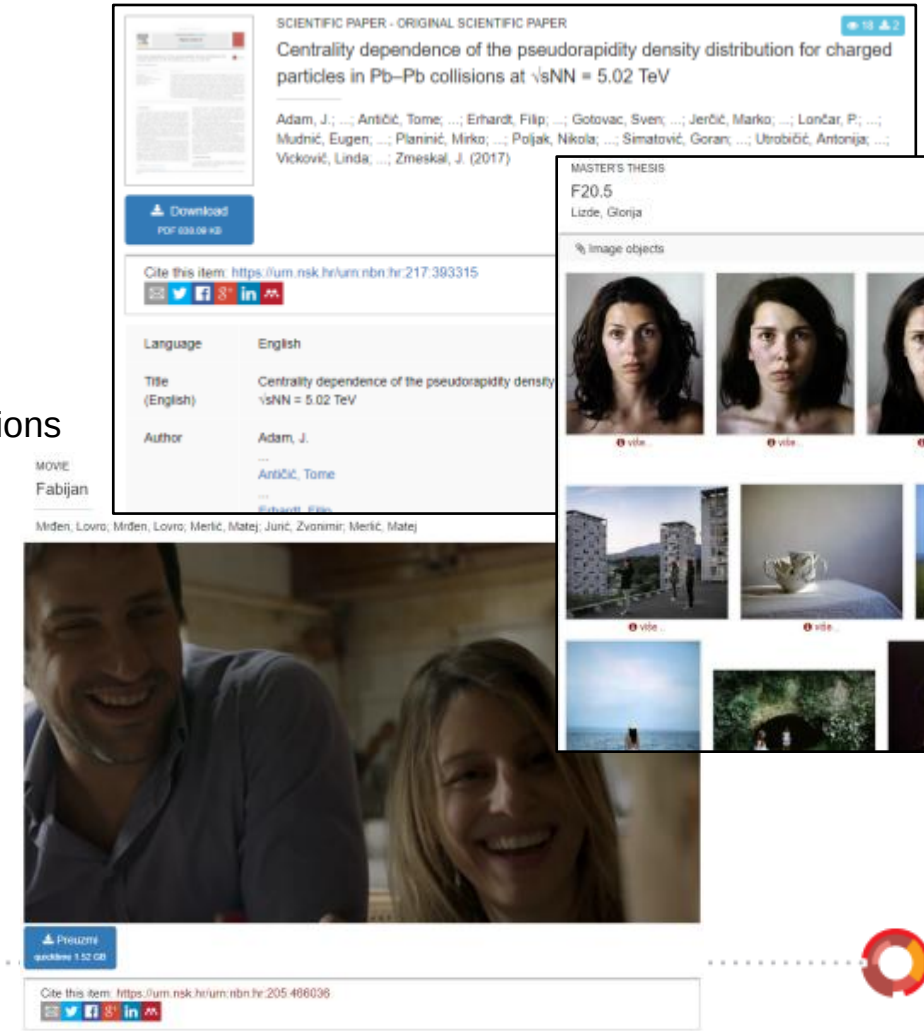


Digital objects (nationaly agreed)

- Journal articles
- Papers published in proceedings
- Book chapters
- Conference abstracts and presentations

- Theses
- Artistic theses
- Disertations
- Appendices

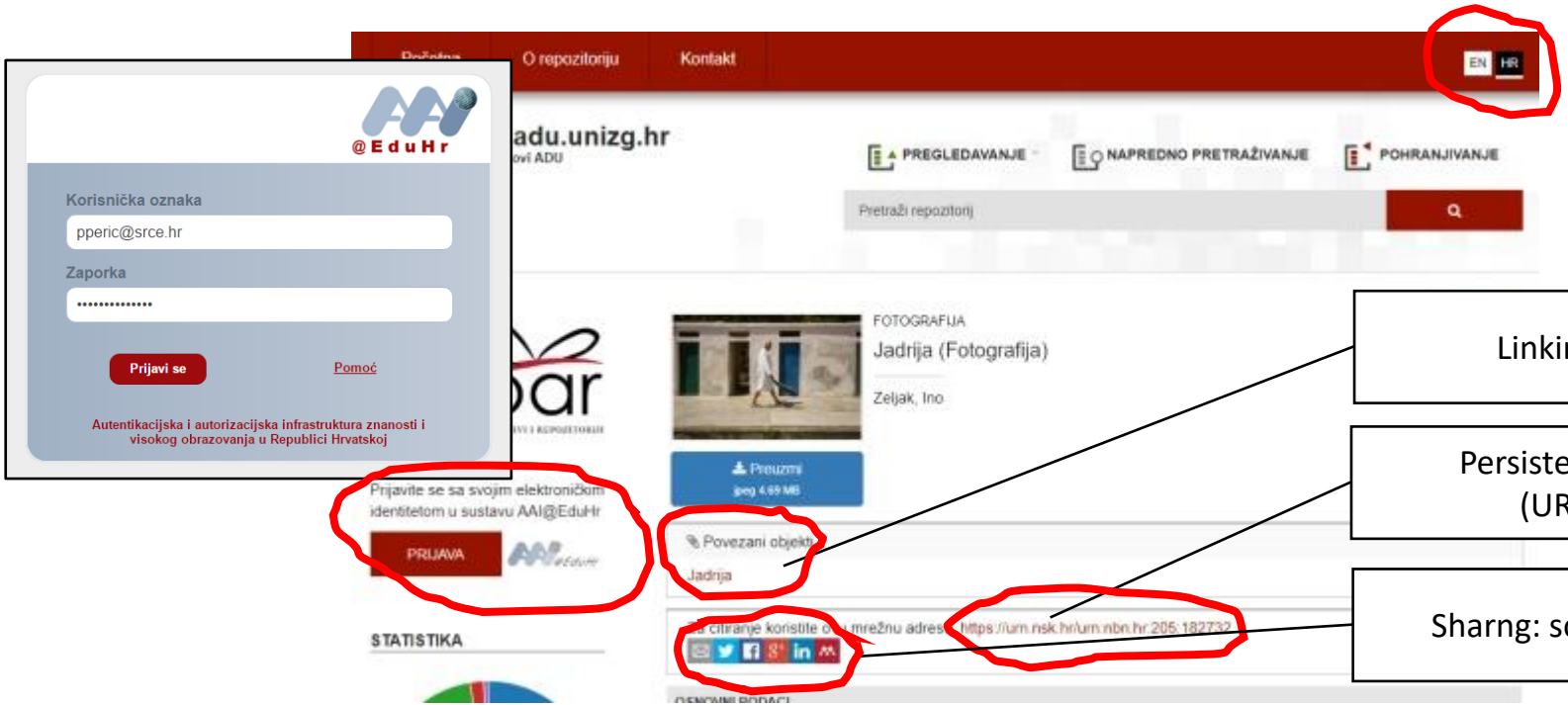
- Photographs
- Audio objects
- Audiovisual objects



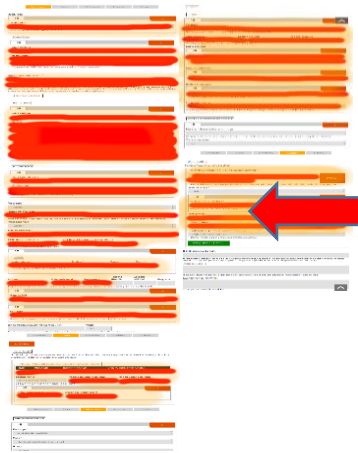
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DIGITAL ACADEMIC ARCHIVES AND REPOSITORIES

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Repositories...



Results: rich metadata vs efficiency

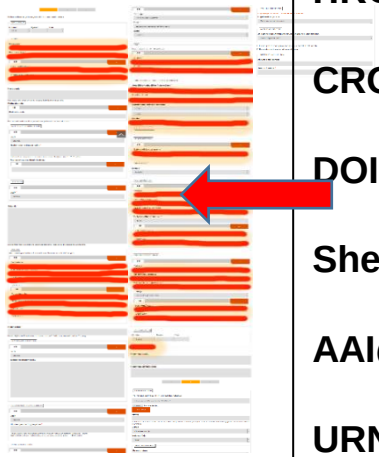


Croatian Higher Education Information System (ISVU)

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)

DABAR & OpenDOAR

Jisc Digital Resources › Open Access

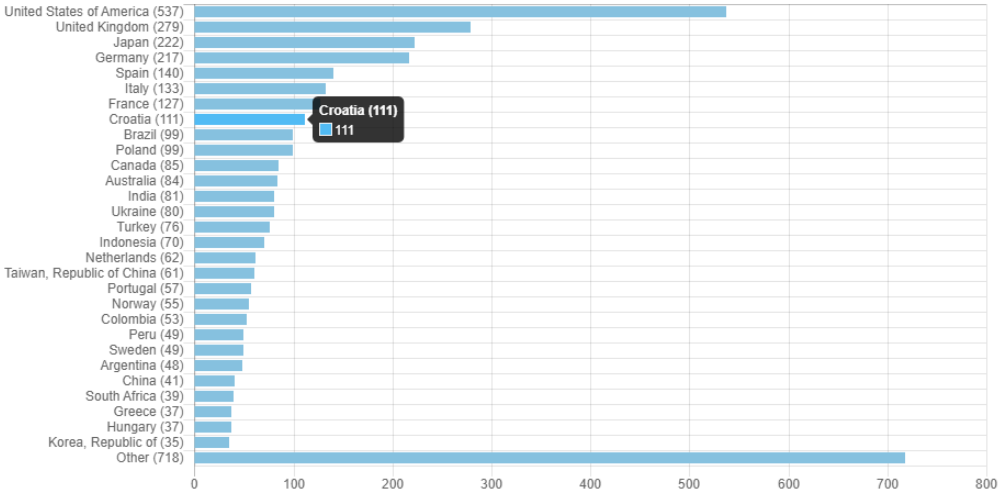
OpenDOAR

Browse | Search | Statistics | Policy Tool | Our APIs | Suggest | Admin

OpenDOAR Statistics

An overview of the data held in OpenDOAR

Repositories by Country

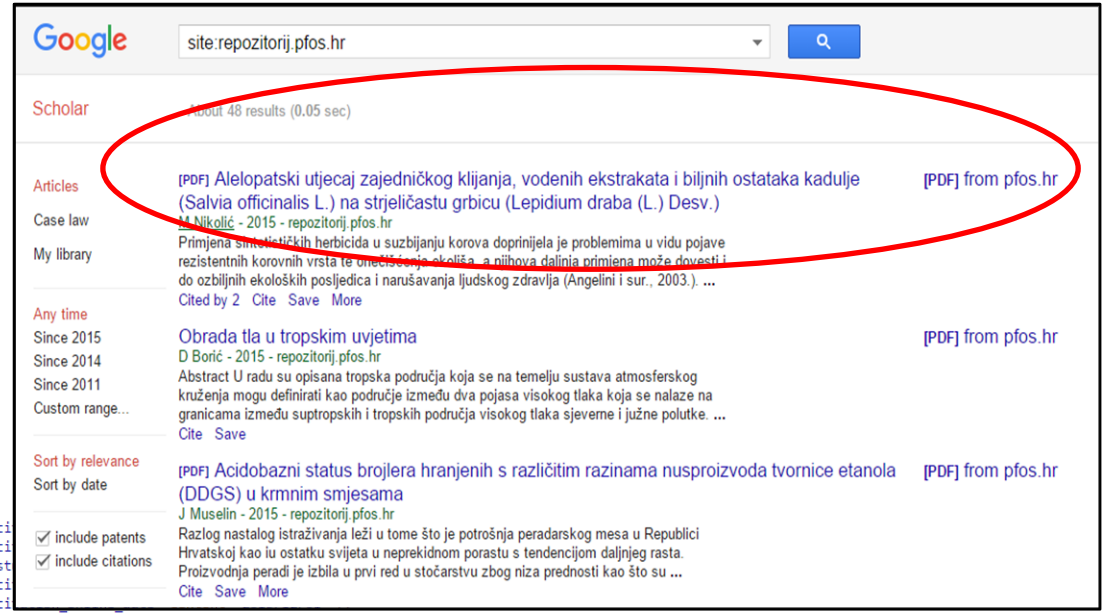


http://v2.sherpa.ac.uk/view/repository_visualisations/1.html

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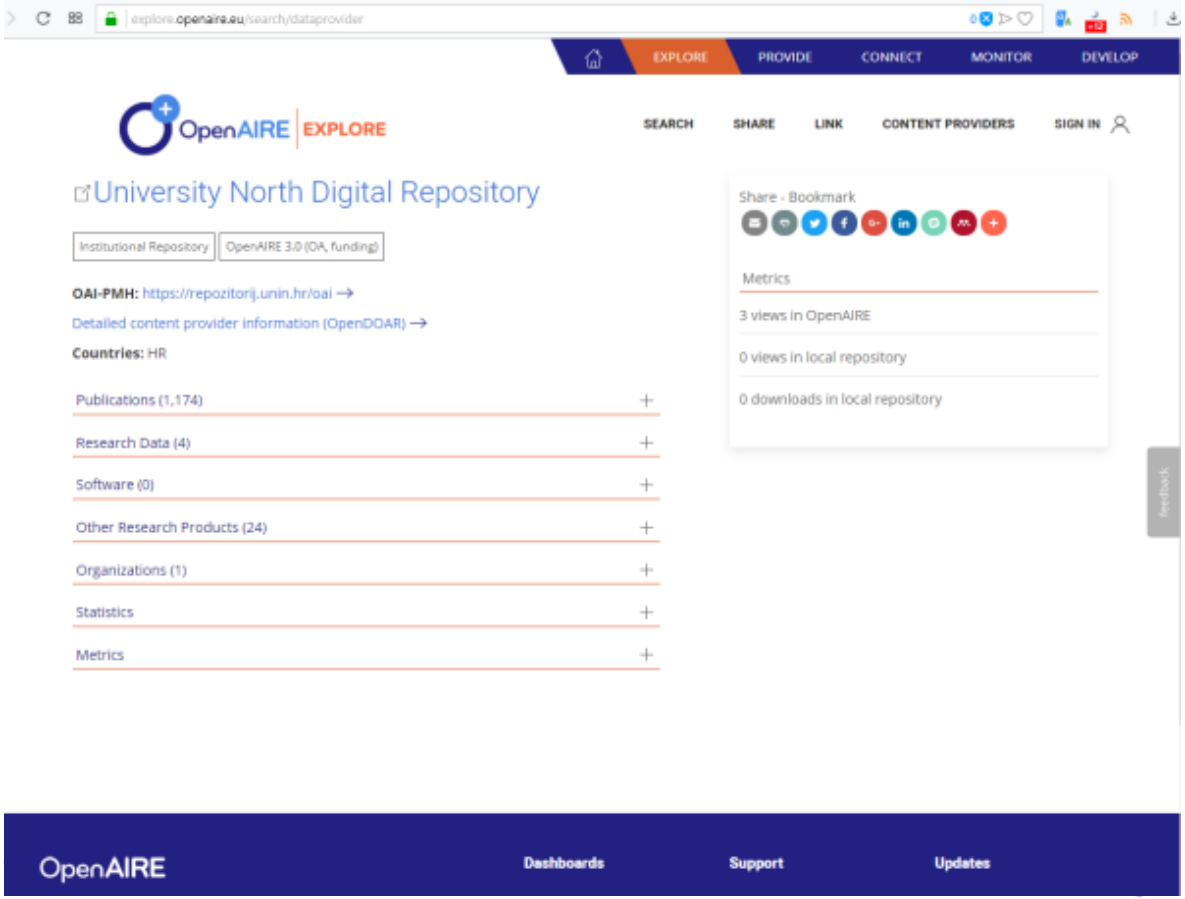
DIGITAL ACADEMIC ARCHIVES AND REPOSITORIES

DABAR &
Google Scholar




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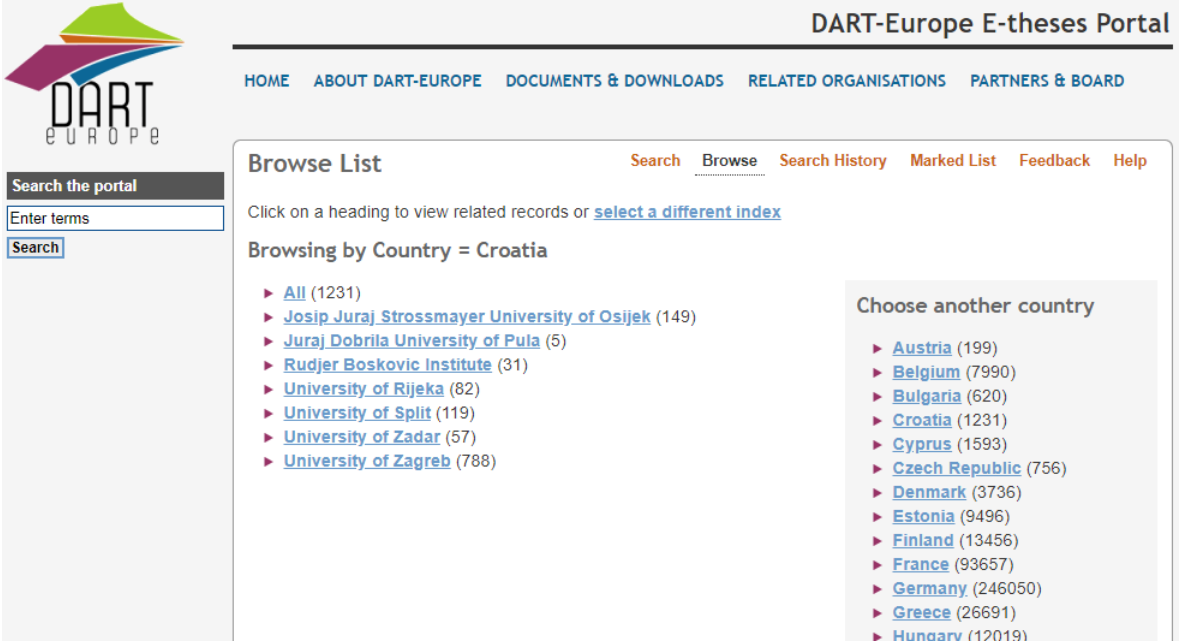
DABAR & OpenAIRE



DIGITAL ACADEMIC ARCHIVES AND REPOSITORIES

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DABAR & DART Europe

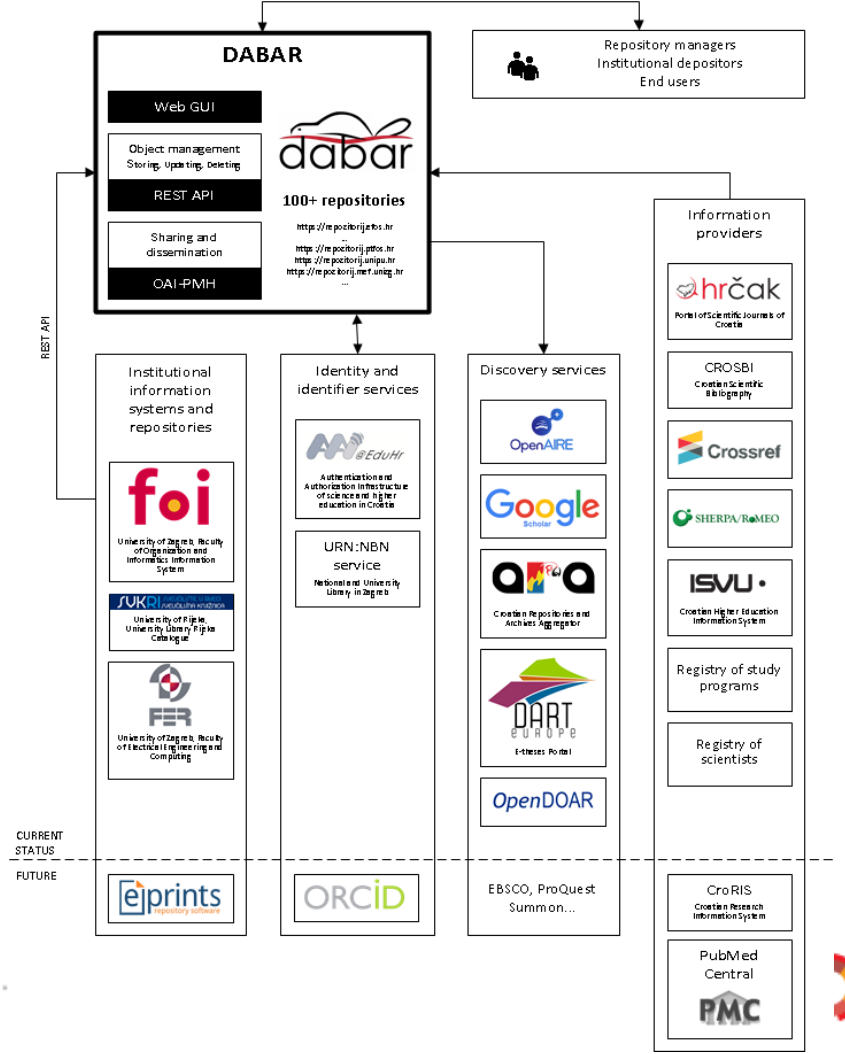


http://www.dart-europe.eu/browse-list.php?country=Croatia

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

29 institutuions:

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?

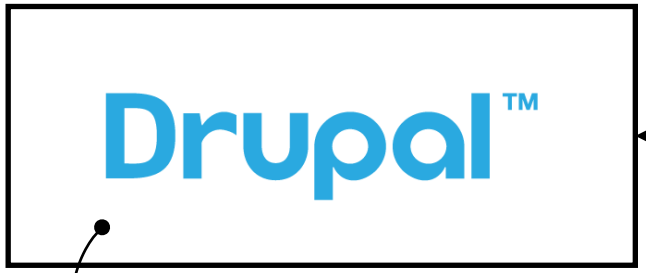
- Findable (PID, rich metadata, search funct., services)
- Accessible (HTTP)
- Interoperable (open formats, MODS/DC/DataCite, links)
- Re-usable (License, domain standards?)

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!



- developement
- multisite







https://github.com/alen-z/open-source-stamp.git

+ Jenkins, Selenium, Git, ...

Thank you!

https://dabar.srce.hr
dabar@srce.hr

srce
Sveučilište u Zagrebu
Sveučilišni računski centar

www.srce.unizg.hr

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www.srce.unizg.hr/otvoreni-pristup