Dataverse*EU*

Repository system for (emerging) Service Providers

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2nd CESSDA ERIC Widening Meeting
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cessda.eu @CESSDA_Data

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https://dans.knaw.nl/

Content of my presentation

- Background of Dataverse software

- DataverseNL, service of DANS

- CESSDA SaW, pilot projects

- DataverseEU, CESSDA workplan 2018 project

- SSHOC project

- GUIDE proposal

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- Research data repository software

- Open source

- Institute for Quantitative Social Science (IQSS) University of Harvard

- Gary King

- Started in 2007

- Harvard has published 26991 datasets with 314934 files (November 2018)

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Community of 35 Dataverse installations worldwide

DATAVERSE REPOSITORIES - A WORLD VIEW

35 Installations   2,872 Dataverses   52,449 Datasets   4,102,900 Downloads

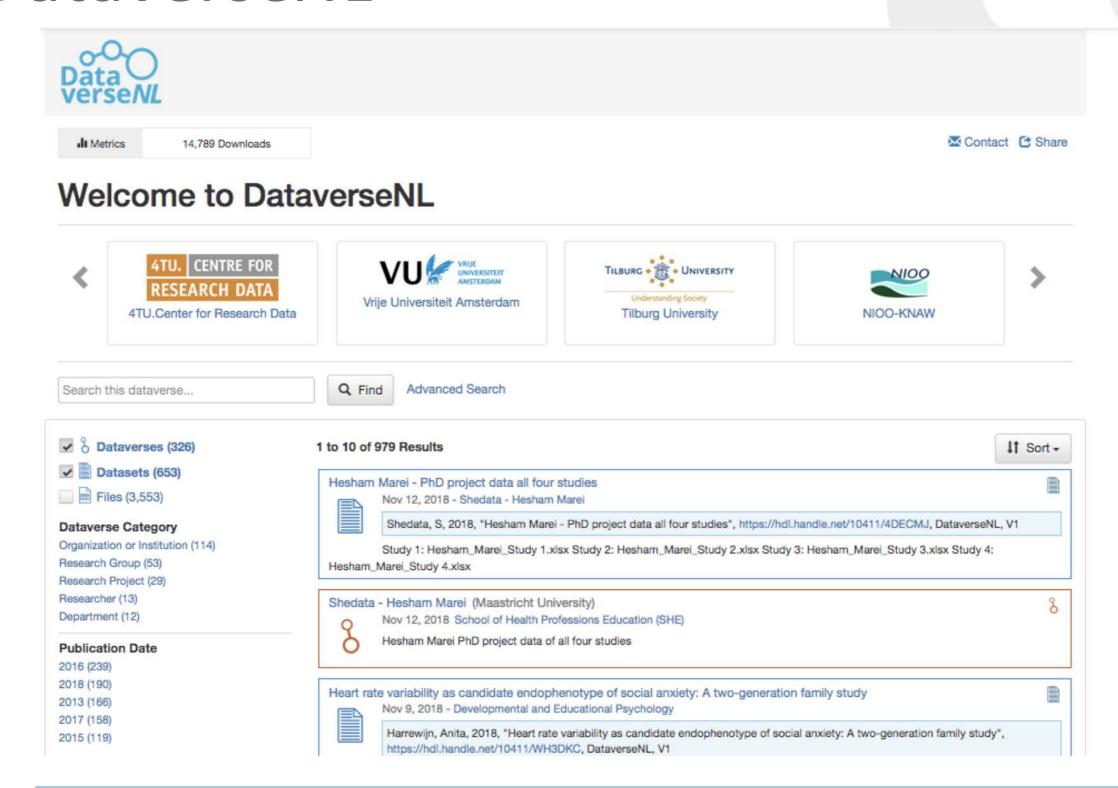Stats generated: 13th November 2018 16:43 EST

Dataverse*NL*

- Shared service for Dutch Universities and research institutes

- Used for data during research

- Currently: 11 universities and 1 research institute

- DANS runs the Service, institutes are responsible for RDM

- Advisory Board and local Admin group

- SWORD connection to DANS data vault

CORE
TRUST
SEAL ✓

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Dataverse*NL*

CESSDA SaW project 2015-2017

- D4.5 Provision of development support services on the basis of identified demand

- 7 pilots (4 Dataverse pilots)

  - Technical support

  - Sandbox for testing self-archiving system

  - Sandbox for metadata publishing system

  - Bridge between Dataverse and long term preservation archive

- (http://cessdasaw.eu/content/uploads/2017/11/SAW-D4.5.pdf)

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Dataverse*EU*, workplan 2018 project

◈ Dataverse for CESSDA SP

◈ Docker installation on CESSDA google cloud

◈ Translation of UI and metadata fields in national languages

◈ CESSDA Metadata Model (CMM) compliant

◈ Optional PiD Plugin to DA|RA service

◈ Incorporation of CESSDA Controlled vocabularies

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Participants of the DataverseEU project

With Funding

- ADP
- AUSSDA
- DANS (lead)
- GESIS
- SND
- TARKI

Without Funding

- PROGEDO
- SOHDA
- UKDA
- UNIDATA

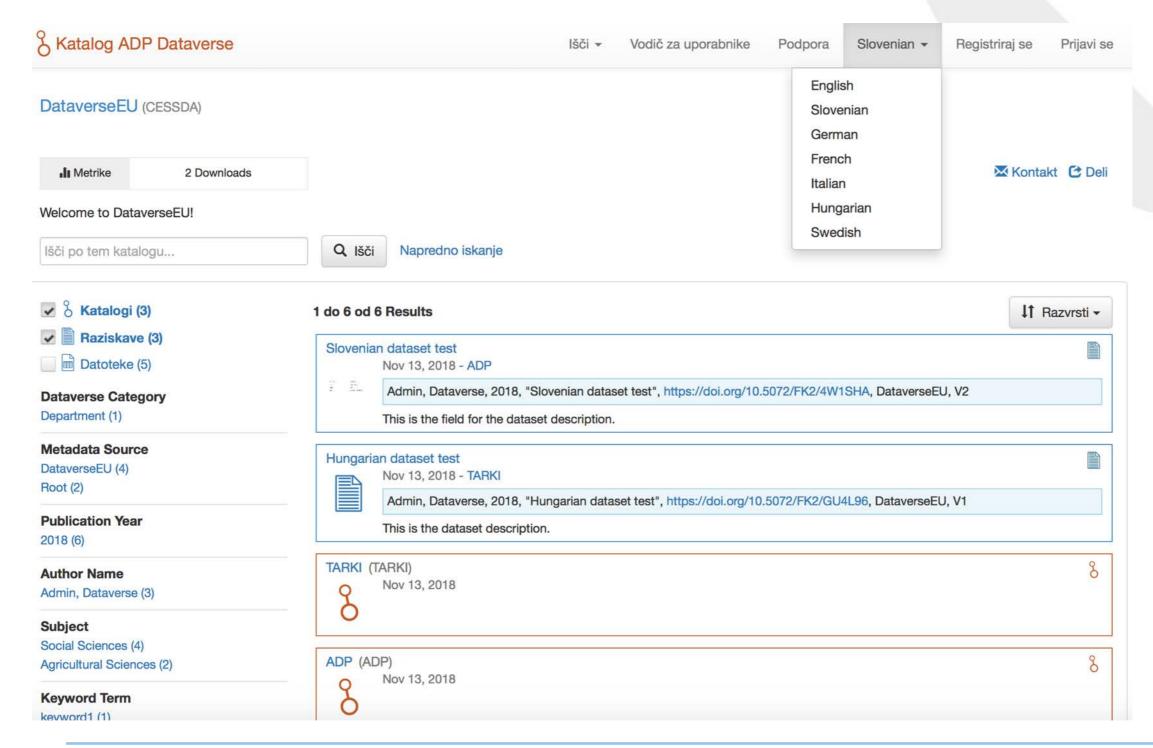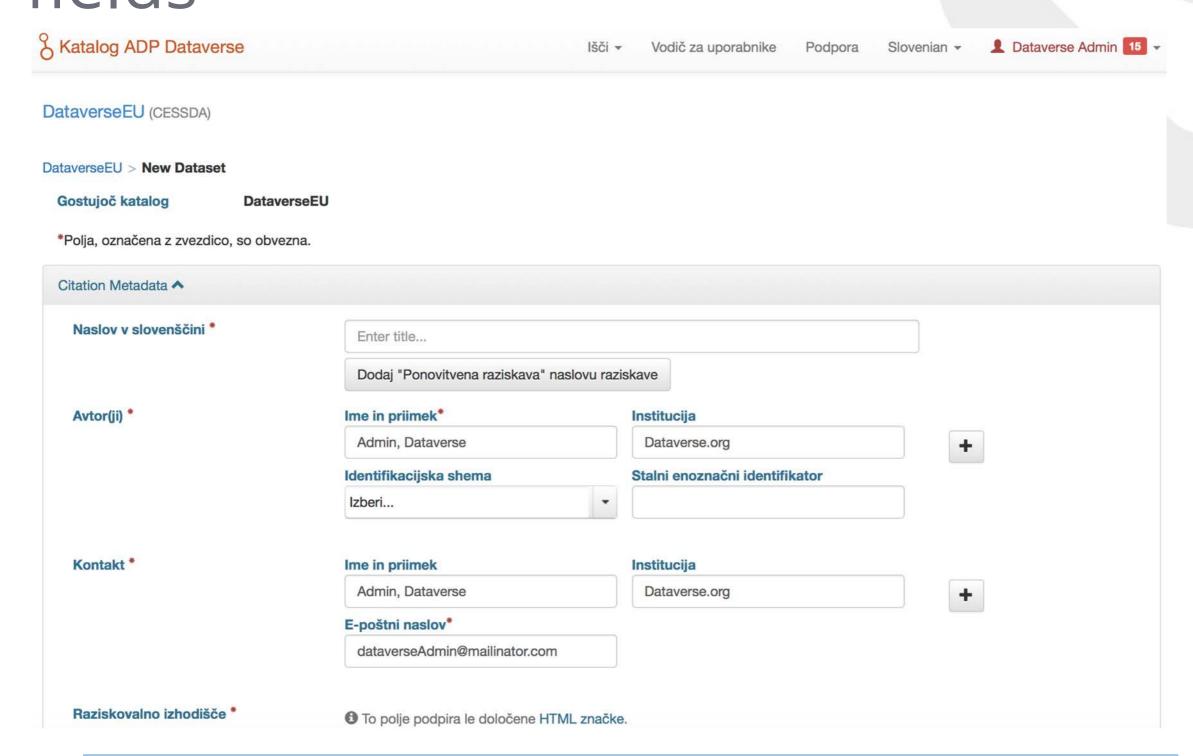cessda

Multi lingual

Translation of UI and CMM metadata fields

Issues

- Besides UI and metadata fields, also SOLR (search index) has to be translated

- Every update of the software gives more lines to be translated

- API of CESSDA CV doesn't work yet

- Still some issues with PiD plugin

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Results and future plans

- Development server: https://dataverse-dev.cessda.eu/

- Docker image available at the end of the year for each partner

- All developments are published on

    - https://bitbucket.org/cessda/cessda.dataverseeu/src/develop/
      (closed)

    - https://github.com/IQSS/dataverse-docker

- `Technical Developments will be continued in SSHOC project

- Outreach and support for SP in GUIDE proposal

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- Social Sciences & Humanities Open Cloud

- January 2019 – April 2022

- Task 5.1

- CESSDA/AUSSDA, CESSDA/NSD, DARIAH/PSNC, DARIAH/UGOE, CLARIN ERIC, CNR, Lead: CESSDA/DANS-KNAW

- Deliverables:

  - Development of new functionality

  - Report on sustainability of the service

CESSDA GUIDE Proposal

◈ Development Support packages for Aspiring/non-member SPs/DAs

◈ Dataverse as an 'Archive in a box' package (software images with instruction and training material) as one example

◈ Work Package 4, Task 4.3

◈ What kind of assistance do YOU need?

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Thank you

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