



Data Archiving and Networked Services

CESSDA DataverseEU project

Marion Wittenberg

DANS is an institute of KNAW and NWO

Driven by data

The Netherlands Institute for Permanent Access to Digital Research Resources



Located in The Hague



Mission: promote
and provide
permanent
access to digital
research
resources

Institute of
Dutch Academy
and Research
Funding
Organisation
(KNAW & NWO)
since 2005

First predecessor
dates back to
1964 (Steinmetz
Foundation),
Historical Data
Archive 1989

DANS

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DANS will keep your data accessible in a sustainable form.



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DANS is an institute of KNAW and NWO



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DataverseNL – repository for Dutch universities and research organisations



Metrics

7,862 Downloads

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Welcome to DataverseNL



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RESEARCH DATA

4TU.Center for Research Data

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AMSTERDAM

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Understanding Society
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NIOO

NIOO-KNAW



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Dataverse Category

Organization or Institution (107)

Research Group (56)

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An Information Theory Account of Preference Prediction Accuracy [Dataset]

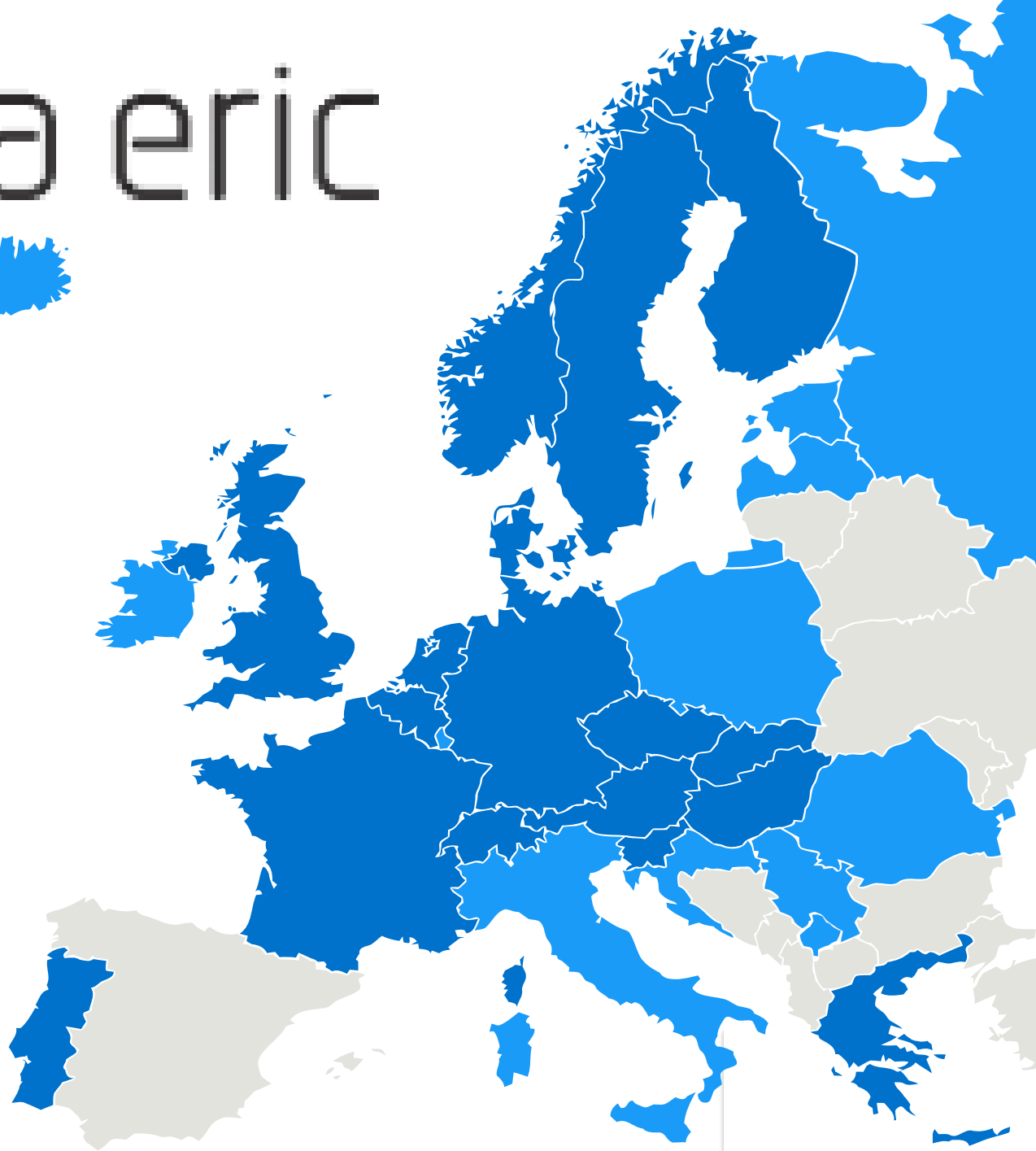
May 30, 2018 - Department of Communication and Information Sciences



Pollmann, M.; Scheibehenne, B., 2016, "An Information Theory Account of Preference Prediction Accuracy [Dataset]", <https://hdl.handle.net/10411/20694>, DataverseNL, V4

Knowledge about other people's preferences is essential for successful social interactions, but what exactly are the driving factors that determine how well we can predict the likes and dislikes of people around us? To investigate the accuracy of couples' preference predictions w...

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CESSDA SaW project 2015 - 2017

By offering the necessary administrative, technical and methodological support, the project promoted the establishment of new data archives while also strengthening existing ones.

DataverseEU was one of the pilot projects

- Hosting Dataverse*EU* for starting data archives
- Support in setting up national Dataverse instances for starting data archives



Dataverse*EU* 2018 project

- Funded by the CESSDA 2018 workplan
- 6 partners: DANS, GESIS, AUSSDA, ADP, SND, TARKI
- 4 observers: UKDA, SOHDA, PROGEDO, UNIDATA

Dataverse*EU*

- Installation using Docker container on CESSDA cloud platform
- Persistent identifiers (PIDs) – Development of plugin to enable data archives to connect with PID provider of their choice e.g. da|ra
- Development of API for CESSDA CVs and Topic Classification, based on CESSDA CV Manager services
- Linkage to ELSST
- Multilinguality of the user interface (German, Slovenian, Swedish, Hungarian, Italian, French)
- Expansion of the metadata towards CESSDA Metadata Model (multilingual)

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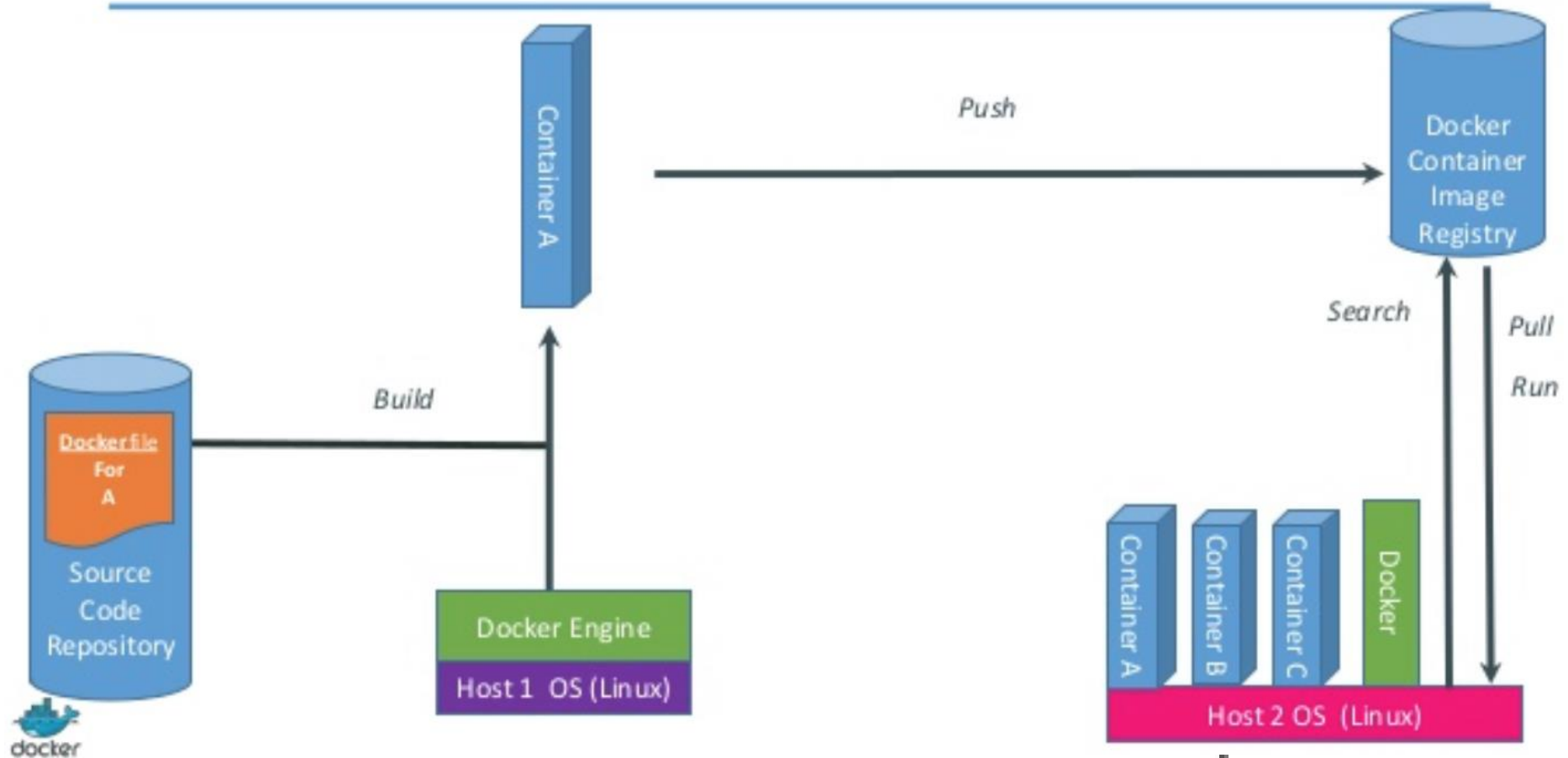
Dataverse*EU* development model

- No new fork of Dataverse, but incorporation of DataverseEU contributions to IQSS master branch
- Delivered as Docker images and deployed in Google Cloud as CESSDA Dataverse repository
- Any Service Provider can host separate Dataverse instance on own storage
- Metadata from other CESSDA Dataverse repositories will be harvested by central DataverseEU repository
- Easy to add new languages if more partners will join during or after the project

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Docker installation

What are the basics of the Docker system?



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da|ra

da|ra

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Leibniz-Informationszentrum
Wirtschaft
Leibniz Information Centre
for Economics



funded by:

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Welcome to da|ra


In cooperation with DataCite, the international initiative to establish easier access to digital research data, GESIS - Leibniz Institute for the Social Sciences and ZBW - Leibniz Information Centre for Economics offer the DOI registration service in Germany for social science and economic data.

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Dataverse*EU* PID Plugin requirements

- Flexible switch between PID service providers (da|ra, DataCite, handle)
 - Different PID for every new version of a dataset (da|ra)
 - Same PID for the dataset, shared by all versions (DataCite, Handle)
- The central idea of PID plugin: every service provider can choose the strategy for assigning PIDs that will fit the best to their needs.
- Different data archives can get separate prefixes within the same Dataverse instance

Da|ra PiD plugin


 **DataVerse** Q [User Guide](#) [Support](#) [Dashboard](#) [Steinhoff W.](#)

Abstract	Some text
Subject	Arts and Humanities

[Files](#) [Metadata](#) [Terms](#) [Versions](#)

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Citation Metadata

Dataset Persistent ID	doi:10.5072/8SFDUI
Publication Date	2018-05-16
Title	Test dataset
Author	Slava Tykhonov (DataVerse.org)
Contact	 Use email button above to contact. W., Steinhoff (DataVerse.org)
Abstract	Some text
Subject	Arts and Humanities
Depositor	W., Steinhoff
Deposit Date	2018-05-16

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Detailed view

Advanced Search


metadata language: English

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Dataset

Test dataset

DOI	https://doi.org/10.5072/8SFDUI
URL	https://dataverse-dev.CESSDA.eu/citation?persistentId=doi:10.5072/8SFDUI
Resource ID	8SFDUI
Version	1.0
Resource Type	Dataset
Creator	<ul style="list-style-type: none">Tykhonov, SlavaDANS
Publication Date	2018-05-16
Classification	<ul style="list-style-type: none">DataVerse Subjects:<ul style="list-style-type: none">Arts and Humanities
Description	<ul style="list-style-type: none">AbstractSome text
Availability	 Download

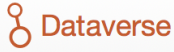
Update Metadata: 2018-05-16 | Issue Number: 1 | Registration Date: 2018-05-16


Services


[Citation](#)

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Multilingual web interface

Dataverse

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CESSDA Metadata Model

A	B	C	D	E	F	G	H	I
No.	Element	Definition	DDI 3.2 Element [remark: the X-Paths are only preliminary and exemplary mappings. They are supposed to help the understanding of the meaning of the elements. However, the final technical implementation of the elements will be up to the CESSDA SP. There will no constraint to adopt them]	DDI2.5 Element [remark: the X-Paths are only exemplary mappings. They are supposed to help the understanding of the meaning of the elements.]	Mandatory / Recommended / Optional	Condition (if applicable) for Mandatory/Recommended/Optional	CV for this element (if DDICV: http://www.dialliance.org/controlled-vocabularies) (or ISO / Thesaurus etc.)	Repeatability
Information on Study:								
1	Study	[no metadata element] Information on the study/studies						R
Information on Study: Bibliographic Information								
1.1	Study Number	Unique archival number - if there is no unique archival number available, a PID may be used alternatively (if a PID is used as study number, the information for this PID should however still be captured in the element 1.8 'PID Study')	ddi:DDIInstance/g:Group/g:Subgroup/s:StudyUnit/r:UserID (with @typeOfUserID='UniqueArchivalNumber')	/codeBook/stdyDscr/citation/titlStmt/IDNo	M			
1.2	Title Study (controlled)	Study title (in original language as well as in English (if English is not the original language) [remark: information for PaSC - content must be provided at least in English, if study is supposed to show up in the PaSC - other additional languages are welcome]	ddi:DDIInstance/g:Group/g:Subgroup/s:StudyUnit/r:Citation/r:Title/r:String (with e.g. xml:lang = 'de-de') + if English is not the original language: ddi:DDIInstance/g:Group/g:Subgroup/s:StudyUnit/r:Citation/r:Title/r:String (with e.g. xml:lang = 'en-us')	/codeBook/stdyDscr/citation/titlStmt/titl	M (PaSC)	M in original language and also English translation if the English is not the original language	Use ISO 3166 2-letter code as countrypairs (e.g. DE-DE, or DE-AT)	R - to provide information in different languages (otherwise: no need to repeat it)
1.3	Principal Investigator	[no metadata element] (Reference to individual/s and/or institution/s that is/are principal			M			R

DataverseEU 2019

- Expect to be funded via SSHOC project (European Open Science Cloud proposal) with other partners (CLARIN, DARIAH)
- Unfortunately no funding from CESSDA 2019 workplan
- Continuation of DataverseEU as stable and maintainable repository service for CESSDA Service Providers?
- Expanding multilinguality of the DataverseEU user interface (more languages)?
- 'Archive in a box' solution for SPs who would like to run their own installation?
- Specification of Governance principles for the sustainability of the service?

Thank you for your attention

Questions?

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<https://dataverse.nl>

Watch our videos and webinars on YouTube

<https://www.youtube.com/user/DANSDataArchiving>

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