

The **DDRS*** as re3data use case

Stefan Buddenbohm (<https://orcid.org/0000-0002-3469-6101>)

Yoann Moranville (<https://orcid.org/0000-0002-3502-1667>)



[Humanities at Scale](#) has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 675570.

24 November 2020

Source: Buddenbohm, Stefan/Moranville, Yoann/De Jong, Maaïke/Minel, Jean-Luc (in publishing): *Find Research Data Repositories for the Humanities - The Data Deposit Recommendation Service*. [International Journal of Digital Humanities](#). Springer, Heidelberg.
Current preprint (in validation step, soon online): <https://hal.archives-ouvertes.fr/hal-03020703v1>



What problem solves the DDRS and for whom?

The DDRS **recommends research data repositories** to **humanities** researchers searching for deposit services for their research data, which **comply to criteria** such as PIDs, funders' requirements, disciplinary scope or language preferences.

How does it look like?

[Home](#) [About this service](#) [Suggest](#)

<https://ddrs-dev.dariah.eu/ddrs/>



Data Deposit Recommendation Service

for humanities researchers

Find a suitable [digital repository](#) to [deposit your research data](#) or to include in your data management plan by answering the questions below

1. In which country are you based as a researcher?

Select one ?

What is your disciplinary field?

Select one ?

Clear selection

How does it look like?

There are 4 results. Make a selection for more information about the repository.

To continue with depositing data, either contact or upload data at the repository directly, or proceed to the DDRS contact form to send a deposit request via our service.

National thematic repositories:

LINDAT/CLARIN repository

LINDAT/CLARIN is designed as a Czech "node" of Clarin ERIC (Common Language Resources and Technology Infrastructure). It also supports the goals of the meta-project language technology network. Our networks aim at collection, annotation, development and free sharing of language data and basic technologies between institutions and individuals both in science and in all types of research. The Clarin ERIC infrastructural project is more focused on humanities, while META-NET aims at the development of language technologies and applications. The data stored in the repository are already being used in scientific publications in the Czech Republic.

European Union | Czech Republic

Humanities | Linguistics | Artificial Intelligence, Image and Language Processing | Humanities and Social Sciences | Computer Science

Computer Science, Electrical and System Engineering | Engineering Sciences

European general repositories:

B2SHARE

B2SHARE is a user-friendly, reliable and trustworthy way for researchers, scientific communities and citizen scientists to store and share small-scale research data from diverse contexts and disciplines. B2SHARE is able to add value to your research data via (domain tailored) metadata, and assigning citable Persistent Identifiers (PIDs) (handles) to ensure long-lasting access and references. B2SHARE is one of the B2 services developed via EUDAT and long tail data deposits do not cost money. Special arrangements such as branding and special metadata elements can be made on request.

European Union

Humanities and Social Sciences | Life Sciences | Natural Sciences | Engineering Sciences

Zenodo

ZENODO builds and operates a simple and innovative service that enables researchers, scientists, EU projects and institutions to share and showcase multidisciplinary research results (data and publications) that are not part of the existing institutional or subject-based repositories of the research communities. ZENODO enables researchers, scientists, EU projects and institutions to: easily share the long tail of small research results in a wide variety of formats including text, spreadsheets, audio, video, and images across all fields of science, display their research results and get credited by making the research results citable and integrate them into existing reporting lines to funding agencies like the European Commission, easily access and reuse shared research results.

European Union

Humanities and Social Sciences | Life Sciences | Natural Sciences | Engineering Sciences

How does it look like?

Details of the repository

3.

Name

DARIAH-DE Repository

Repository URL

<https://de.dariah.eu/repository>

Subjects

Humanities and Social Sciences Fine Arts, Music, Theatre and Media Studies Humanities

Description

The DARIAH-DE repository is a digital long-term archive for human and cultural-scientific research data. Each object described and stored in the DARIAH-DE Repository has a unique and lasting Persistent Identifier (DOI), with which it is permanently referenced, cited, and kept available for the long term. In addition, the DARIAH-DE Repository enables the sustainable and secure archiving of data collections. The DARIAH-DE Repository is not only to DARIAH-DE associated research projects, but also to individual researchers as well as research projects that want to save their research data persistently, referenceable and long-term archived and make it available to third parties. The main focus is the simple and user-oriented access to long-term storage of research data. To ensure its long term sustainability, the DARIAH-DE Repository is operated by the Humanities Data Centre.

Contact

<https://de.dariah.eu/kontakt>
info@de.dariah.eu

Content Types

Standard office documents Raw data Audiovisual data Images other Plain text

Keywords

digital humanities

Countries

European Union Germany

Back to the results


Use our service to submit a deposit request to the repository

4.

How does it look like?

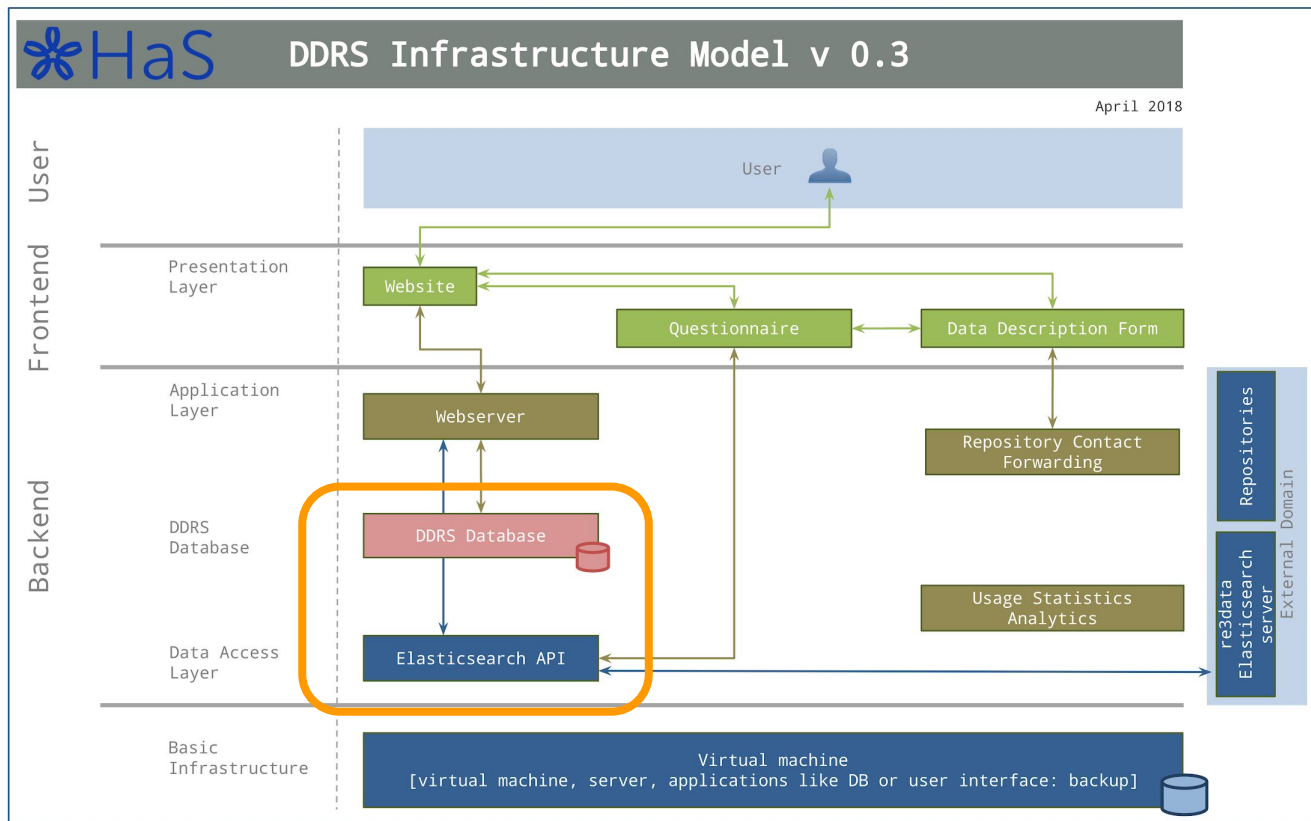
DARIAH-DE Repository

By filling in and submitting the form below your data deposit request will be sent to the repository. Please fill in as much information as you can, but if you are unsure you can skip the non-mandatory fields. After receiving your request, the repository can contact and assist you based on the information you provided.

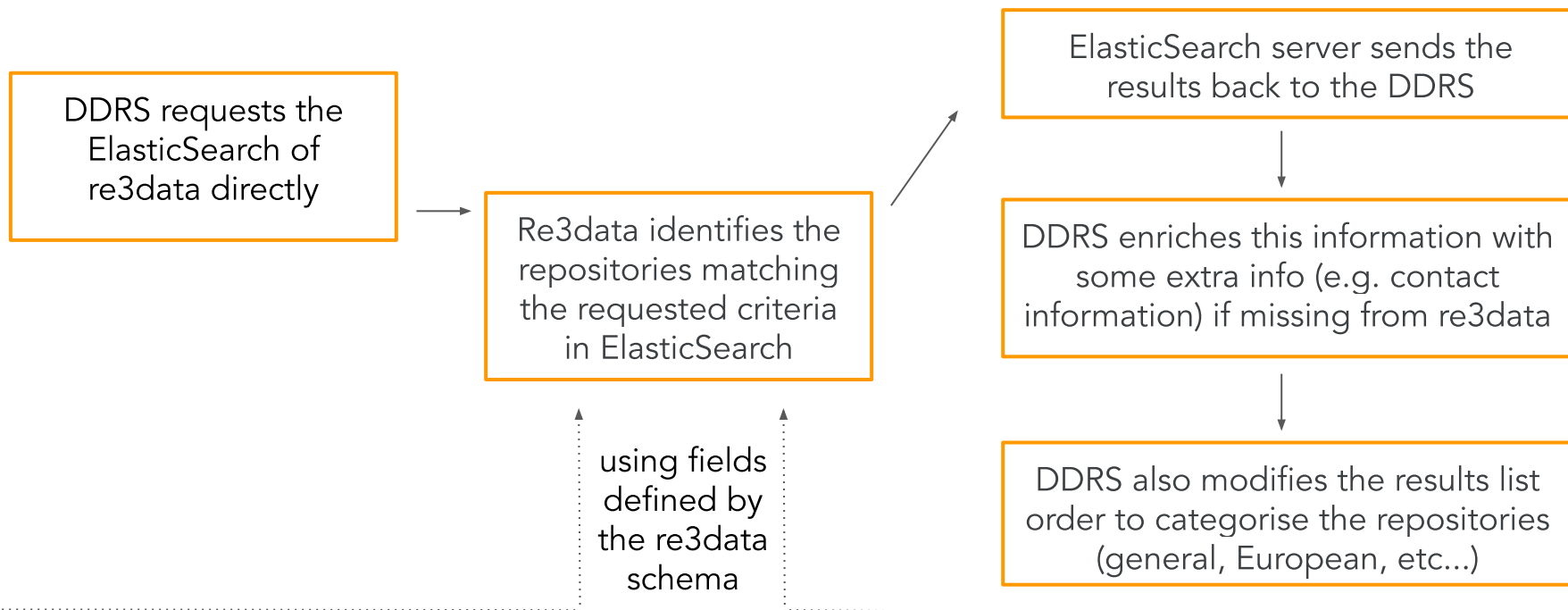
Name*	<input type="text" value="Your full name"/>
Institution	<input type="text" value="Your institution (if you have an affiliation)"/>
Email*	<input type="text" value="Your email address"/>
Data type	<input type="text" value="---"/> ?
File format(s)	<input type="text" value="The file format(s) of your files"/> ?
Metadata format	<input type="text" value="---"/> ?
Data access	<input type="text" value="---"/> ?
Description*	<input type="text" value="A description of the data set you wish to provide"/>
	<input type="checkbox"/> Ich bin kein Roboter.  reCAPTCHA Datenschutzerklärung - Nutzungsbedingungen
	<input type="button" value="Back to the repository details"/> <input type="button" value="Send"/>

5.

How is it technically working?



Information retrieval



re3data schema 2.2 <http://doi.org/10.2312/re3.006>

e.g. ID 22.1 dataAccessType (open, embargoed, restricted, closed); ID 35.1 metadataStandardName; ID 23.1 dataLicenseName (for instance: CC0)

Information retrieval

DDRS requests the
ElasticSearch of
re3data directly

From the users'
input: e.g.
Germany and
Humanities

Additional filters
for refinement, e.g
here for PIDs

`http://...../_search?q={...}`

`(institutions.country.raw:DEU AND subjects.text:11 Humanities) {...}`

`AND (pidSystems.text:ARK OR pidSystems.text:DOI OR pidSystems.text:hdl)`

`http://...../_search?q=(institutions.country.raw:DEU AND subjects.text:11 Humanities) AND (pidSystems.text:ARK OR pidSystems.text:DOI OR pidSystems.text:hdl)`

Problem: OR queries

Excerpt from our [questionnaire](#):

“How do you currently access repository descriptions in re3data? How would you prefer to access repository descriptions in re3data (e.g., API, dashboards, website, subsets based on (which) criteria, spreadsheet export ...)?

- *Access directly via Elastic Search API. The reason being that the **public API was not allowing us to make queries as we wished, especially “OR” queries (e.g. I want all repositories who provide “DOI” OR “Handle”, in contrast to “DOI” AND “Handle”)***
- *Maybe an API that could replicate the ES API would be best? Or a subset of it at least. So that we would not need to use a special API for our needs but directly the public API*
- *Regarding accessing the database as human and browsing through the registry: clean and useful user interface! Keep the UI as simple as possible, this is an asset of Re3data.”*

Why re3data.org ?

REGISTRY OF RESEARCH DATA REPOSITORIES

- Available and geared for our purpose. Openness of the data and collegiality and the team. Useful and not just “politically or strategically interested”.
- Re3data’s resembles our own use case. > *find repositories*
- Granularity of their data and its metadata schema seems future-proof to us. > *re3data.org schema 3.0*
- Illustrates reuse and adoption of other resources. > *important wrt DARIAH*
- Sustainability. > *technically quite easy from DARIAH side*

Conclusions

- **DDRS...**
 - is a demonstrator focussing at humanities researchers and service providers.
 - shows how a quite simple use case from a user's perspective may be transformed into an easy-to-use web service.
 - it encourages the re-use of already existing resources.
- **Re3data...**
 - serves as enabler for the DDRS web service and coincidentally guarantees its actuality - and adaptability (e.g. for other disciplines).
 - demonstrates the potential for re-use of its database and metadata schema.
 - illustrates openness and collegiality with DDRS as example.

Thank you for listening to: The **DDRS** as re3data use case **coref**

Stefan Buddenbohm (<https://orcid.org/0000-0002-3469-6101>) sbudden@gwdg.de
Yoann Moranville (<https://orcid.org/0000-0002-3502-1667>) yoann.moranville@darjah.eu

24 November 2020

Source: Buddenbohm, Stefan/Moranville, Yoann/De Jong, Maaïke/Minel, Jean-Luc (in publishing): *Find Research Data Repositories for the Humanities - The Data Deposit Recommendation Service*. [International Journal of Digital Humanities](#). Springer, Heidelberg.

Current preprint (in validation step, soon online): <https://hal.archives-ouvertes.fr/hal-03020703v1>



Except for the logos, this presentation is licensed under a Creative Commons Attribution-ShareAlike 4.0 International License.



[Humanities at Scale](#) has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 675570.