

re3data COREF

Improve, Extend, and Update re3data

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DataCite Open Hours



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Objectives of re3data COREF – Community Driven Open Reference for Research Data Repositories

re3data
coref



re3data.org
REGISTRY OF RESEARCH DATA REPOSITORIES

HELMHOLTZ
Open Science



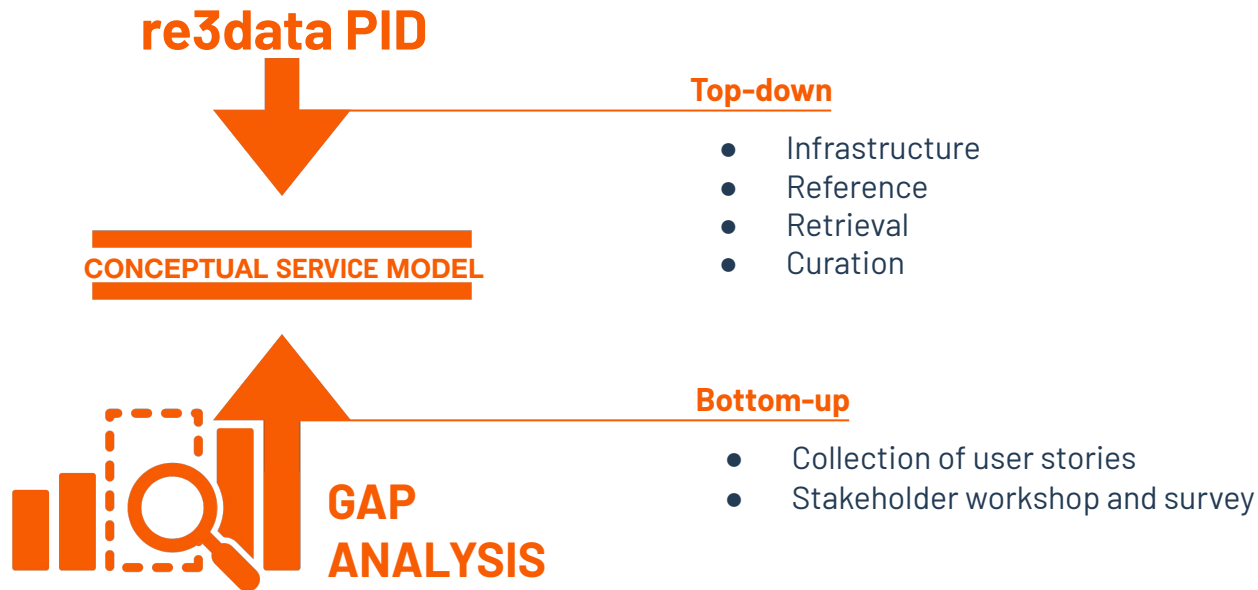
PURDUE
UNIVERSITY

- Improve the (re-)use of re3data, its service and metadata.
- Extend the scope of re3data by addressing the needs of diverse stakeholders, including research funding bodies and publishers
- Update the re3data service model and metadata schema to current needs.

Key Facts

- Starting date - 01/01/2020
- Duration - 36 months
- Funded by the German Research Foundation

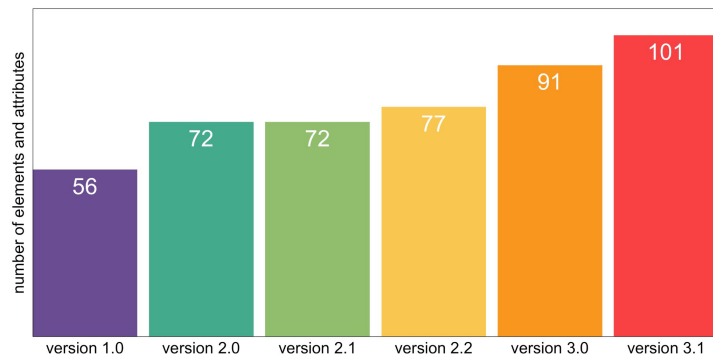
Conceptual Model for User Stories



Weisweiler, N. L., Bertelmann, R., Cousijn, H., Elger, K., Ferguson, L. M., Goebelbecker, H.-J., Kindling, M., Kloska, G., Nguyen, T. B., Pampel, H., Petras, V., Schabinger, R., Schnepf, E., Semrau, A., Strecker, D., Trofimenko, M., Ulrich, R., Upmeyer, A., Vierkant, P., Wang, Y., Witt, M. (2021): re3data Stakeholder Survey and Workshop Report, re3data, 222 p. <https://doi.org/10.48440/re3.013>

Vierkant, P., Bertelmann, R., Cousijn, H., Elger, K., Ferguson, L. M., Goebelbecker, H.-J., Kindling, M., Kloska, G., Nguyen, T. B., Pampel, H., Petras, V., Schabinger, R., Schnepf, E., Semrau, A., Strecker, D., Trofimenko, M., Ulrich, R., Upmeyer, A., Weisweiler, N. L., Wang, Y., Witt, M. (2021): re3data Conceptual Model for User Stories, re3data, 10 p. <https://doi.org/10.48440/re3.012>

re3data Metadata Schema Revision and Update



Two major changes on top of manifold minor changes:

- Expanded descriptions of repository certification.
- The new property profile provides the opportunity to identify a subset of repositories indexed in re3data pre-defined by a third party based on community-developed criteria. Each profile has to provide a URL outlining the selection criteria.

<https://coref.project.re3data.org/blog/releasing-version-3-1-of-the-re3data-metadata-schema>

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REGISTRY OF RESEARCH DATA REPOSITORIES

Metadata Schema for the Description of Research Data Repositories

Version 3.1, August 2021

DOI: <https://doi.org/10.48440/rs3.010>

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Strecker, D., Bertelmann, R., Cousijn, H., Elger, K., Ferguson, L. M., Fichtmüller, D., Goebelbecker, H.-J., Kindling, M., Kloska, G., Nguyen, T. B., Pampel, H., Petras, V., Schabinger, R., Schnepf, E., Semrau, A., Trofimenko, M., Ulrich, R., Upmeyer, A., Vierkant, P., Weisweiler, N. L., Wang, Y., Witt, M. (2021): Metadata Schema for the Description of Research Data Repositories: version 3.1, re3data, 37 p. <https://doi.org/10.48440/rs3.010>

Technical Infrastructure



- Extend the Data Model
- Connect Services and Improve API
- Semi-Automation of Quality Assurance
- Provide Management Tools
- Extend Querying, Reporting and Widgets

Quality and Transparency

- Study on Status Quo of Quality Assurance Measures and Standards
- Update of Metadata Schema to Provide Information on Research Data Repository Quality Assurance Standards and Measures
- Review of the re3data Editorial Process
- Build Model of Trust for Metadata Editing
- Implement the Usage of Authority Files (ORCID)



Community Building



- Outreach
 - Workshops
 - Webinars
 - <https://coref.project.re3data.org/>
- Networking
- Policy Development
 - Publishers
 - Research Funding Bodies



CONNECTING RESEARCH,
IDENTIFYING KNOWLEDGE



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