



Design concepts for Registry Services used for Controlled Vocabularies curation regarding x-domain and co-creation aspects

What:

Open Science enables and simultaneously requires a much higher level of interoperability and sustained and reliable semantic concepts for data-driven processes on observations, experiments, or scalable data ensembles.

This proposal aims to set up a framework of guided recommendations to design concepts for Registry Services used for Controlled Vocabularies curation regarding x-domain and co-creation aspects. It will consider a dedicated integrated governance model for the continued maintenance and evolution of terminologies concerning FAIR after their development by a given community.

Our main purpose is “How to deal with "individual" extension of existing vocabulary, keep versioning, provenance and quality assessment”. Software functionalities have supported such holistic consideration. Comparison and collection of requirements will endorse this and be valuable in the form of generic recommendations for the scientific community.

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Who:

- Chris Schubert, Head of Media Management and Library-IT, Vienna University of Technology, Library
- Romain David, Data Steward and Researcher at ERINHA AISBL (European Research Infrastructure on Highly Pathogenic Agents)
- Richard Dennis, Research Consultant - Data Steward, Novo Nordisk Foundation Center for Stem Cell Medicine - reNEW University of Copenhagen
- Katharina Schleidt, CEO DataCove, Vienna
- Heimo Rainer, Deputy Head of Botany Department at the Natural History Museum Vienna

Biography:

Chris Schubert (https://orcid.org/0000-0002-4971-2493), Head of Media Management and Library-IT at the University of Technology Vienna - Library, Austria, has been working for almost 20 years in data interoperability and semantics. As a Geologist and Computer Scientist, he started with ontology-driven web services, land cover analytics and vocabulary reasoning. He was heavily involved in the EU INSPIRE Directive at the European Commission, especially for data modelling and EU vocabulary management (Member of INSPIRE Vocabulary control body).

In Austria, he was responsible for setting up a Climate Research Data Infrastructure, is still working on semantic technologies and is now firmly involved in the EOSC (European Open Science Cloud) as a member of the EOSC Task Force on FAIR Metrics and Data Quality.

Since 2020 he has been co-chair of the GEO Data Sharing and Data Management Principles Subgroup and active in ISO TC211 and Austrian Standards.

Scientific Domain:

Geo-Science, Biodiversity, Ecological Engineering, IT & Data Consultant

Your Promotion and Networking:

The project's activities and outputs are featured on the RDA website.

Country:

France, Denmark

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