

Leveraging FAIR Signposting & RO-Crate for the Norwegian Research Data Archive

Anne Fouilloux, annef@simula.no
Adil Hasan, adilhasan2@gmail.com

<https://doi.org/10.5281/zenodo.8374031>

simula

What do we do and what do we want to explore?

- Development of the new Norwegian Data Research Archive (NDRA) based on **CKAN**, an open-source Data Management System to power data hubs and data portals;
- Our goals are:
 - Explore the use of Research Objects (ROs) to improve interoperability with other Data archives, in particular <https://dataverse.no/>:
 - Add an **“export to RO-Crate”** functionality for datasets archived with CKAN;
 - Add the possibility to **import RO-Crate** into “CKAN”.
 - Understand the **benefits of “signposting”** for dataset landing pages in the new archive;
 - Test and validate developments with a test CKAN instance;
 - Co-develop training materials (RO-Crate, signposting).



What do we need for?

- Which RO-Crate profile(s) do we need to use or define, and what are the implications of our choice for interoperability with other archives, such as <https://dataverse.no/>?
- How can we exchange with other groups working on Dataverse?
- What signposting patterns can we use, and what do they imply?
- Are there any links between RO-Crate profiles and signposting patterns?
- Is there anything we misunderstood or overlooked?

Your feedback is welcome!
Thank you for your attention

<https://doi.org/10.5281/zenodo.8374031>

simula