

The Research Commons approach – an opportunity for Base4NFDI?

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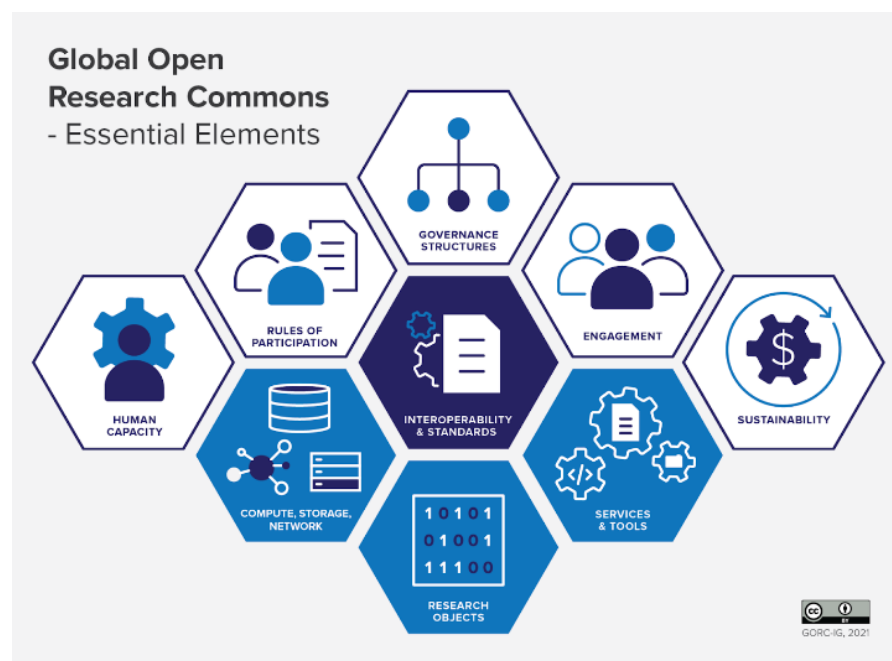
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Abstract:

This presentation reflects on how the growing number of Research Commons initiatives could be used as references in thinking about how Base4NFDI services could be offered as an integrated package of services or a Research Commons.

The publication by the RDA Global Open Research Commons Working Group in October, 2023 of the Global Open Research Commons International Model (GORC Model) made available a fully featured template for a Research Commons.¹

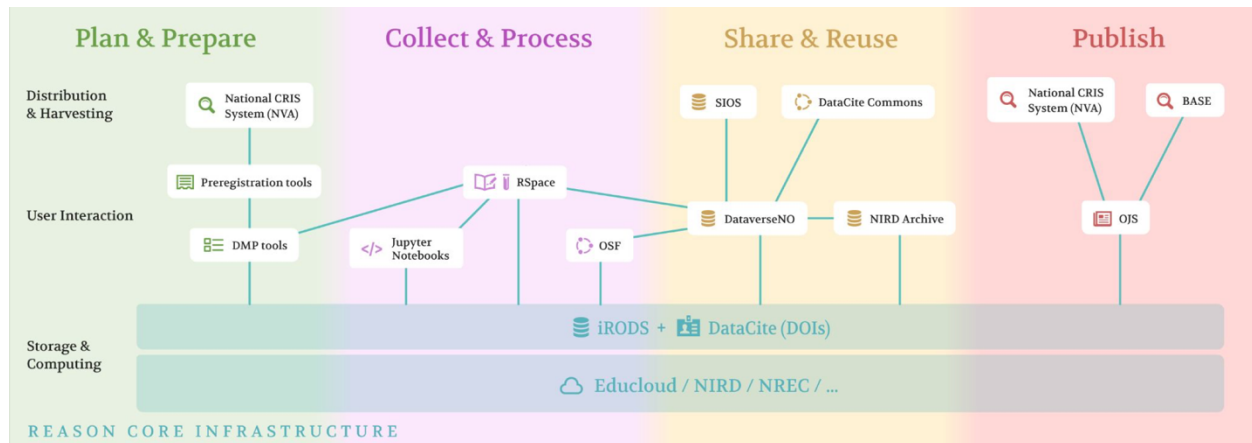


Since the publication of the GORC model, national organizations in Sweden, The Netherlands, Germany, and elsewhere, and ELIXIR, are using the GORC Model to explore establishing Research Commons. The Common Infrastructures group of the NFDI is also exploring the creation of a Research Commons.

The co-presenters were involved in the development of the GORC model and the proposed Norwegian Research Commons for Norway (REASON). REASON is the first detailed conceptualization of a Research Commons based on the GORC Model, and is being used as a reference by many groups exploring the establishment of Research Commons.

Two key features of Research Commons generally and including REASON are: first, they offer researchers access to an integrated series of complementary services accessible from a single platform; second, the platform is explicitly designed with reference to the research data lifecycle. The services offered are associated with different phases of the lifecycle, are interoperable, and

facilitate passage of data and metadata between tools throughout the research lifecycle. These principles are evident in the below graphic depicting the technical core of REASON.



Base4NFDI offers a growing number of Basic Services, e.g., data management planning and support for PIDs, that are identified in the GORC model and included in REASON. The poster explores how the GORC model and REASON can serve as a useful reference for the evolution of Base4NFDI into a Research Commons.

The poster is divided into the following sections:

1. Introduction to the GORC Model
2. Use/adaption of the GORC model to design REASON
3. REASON's applicability as a reference for other Research Commons
4. Comparison of REASON with the Basic Services offered by Base4NFDI
5. Exploration of a 'Base4NFDI Research Commons' with reference to REASON

Keywords: Research Commons, Research Infrastructure, GORC

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