Contributed Talk
Splinter ESC

RDMO - Research Data Management Organiser

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Following the call to make the results of publicly funded research openly accessible, more and more funding agencies demand a data management plan (DMP) as part of the application process. The document specifies, how the data management of the project is organized, what datasets will be published, and when. Of particular importance for European researchers is the Open Data Research Pilot of Horizon 2020 which requires data management plans for a set of 9 selected research areas.

In order to assist the researchers creating these documents, several institutions developed dedicated software tools, which focus on the assisted editing of the DMP templates provided by the particular funding agency. Beyond the purpose of fulfilling funder requirements, however, DMP can be useful for a number of additional tasks, and could act as information source for all stakeholders involved during the complete life cycle of the project.

To address this, we develop RDMO, a web application, which enables the structured planning, implementation and administration of the research data management in a scientific project and, in addition, provides the scientist with a textual DMP.

Building upon a generic set of content, RDMO will be customizable to serve specific disciplinary and institutional requirements. The tool will not only be available at a central web site, but can be installed and integrated into the existing infrastructure of a university or research institution. The tool will be multilingual, with a first version in English and German. Astronomy is one of the two fields for which we will prepare specific content for RDMO, covering topics like VO integration, astronomy specific file formats and infrastructure.