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T2 - Metadata for the Research Lifecycle (Room M6289)

Wednesday, 19 June 2013 09:00 (2h 30m)

The management and publication of research data is increasingly important, and relies heavily upon appropriate descriptive metadata. The tutorial will provide a walkthrough of the research data management life cycle, from planning through data acquisition to data publication and preservation. Each of these stages requires different tools and methods, for example DMPonline, DataStage, DataBank and DataCite. However, some things stay the same: for example, person, subject, method, instrument, project and funder are likely to be constant throughout the research lifecycle, and metadata describing these can be re-used in different contexts. If tools are connected appropriately, researchers could work in a dynamic web-based data management environment to which they could regularly return, confident that metadata that had already been entered would be available for reuse, and that datasets they describe would be securely backed up.

This tutorial is intended for data service developers and managers. Participants will be expected to adopt a researcher's perspective, and to identify aspects of research data management that can simplify the researcher's life. Overviews of available tools and methods for each stage in the research life cycle –planning, acquisition, publication and preservation –will be alternated with hands-on sessions employing existing tools for handling exemplary data and metadata, including the participants' own data. The use of ontologies and RDF metadata representations will be explored. Participants will be invited to suggest additional tools and use cases. Details will be provided in due course.

Presenters: Mr SHOTTON, David (University of Oxford); Dr HORSTMANN, Wolfram (University of Oxford)

Session Classification: Tutorials