Data Management Platform and ERM

SLUB Dresden, UB Leipzig, AVGL und AKSW
ERDF Project, June 2013 – September 2014

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Juan Garcés
Key facts

- **Funding**: EU Regional Development Fund, € 1.5 Mio, June 2013-September 2014

- **Partners**:
  - SLUB Dresden
  - UB Leipzig
  - Avantgarde Labs
  - Agile Knowledge Engineering and Semantic Web (Research group, Leipzig Institute for Applied Informatics)

- **Components**:
  - (SLUB Dresden, Avantgarde Labs): Data Management Platform (DMP)
  - (UB Leipzig, AKSW): Electronic Resource Management (ERM)
What is the Data Management Platform (DMP)?

- A tool for the large-scale **integration of data** from heterogeneous sources

- A **data modelling tool** with a graphical and easy-to-use interface that leads to a flexible, elastic, graph-based data model

- A **middleware solution** that sits between existing data management systems and presentation front ends

- An **Open Source platform** that will increase the **quality of library data** (by way of deduplication, merging, FRBRization, semantic enrichment and its publication as LOD)

Why?

- We depend on expensive yet insufficient tools for library data management and library automation.

- The software we use is generally proprietary and commercial with narrow limits regarding flexibility and scope.

- As a consequence, data remains locked into data silos and is prevented from the free and open use at the core of the emerging research paradigm.

- We need a solution for flexible and highly scalable data management because data is at the core of science 2.0.
Thank you!

- **Contact:**
  Jens Mittelbach, Project Leader, DMP
  ([jens.mittelbach@slub-dresden.de](mailto:jens.mittelbach@slub-dresden.de))

- **Further information:**