

Prof. Robert Jäschke

Faculty of Arts and Humanities

Department of Library and Information Science

Information Processing and Analytics



Expertise

Professor Jäschke and his team develop and optimize methods in the areas of Big Data and Machine Learning, especially in the application fields of Natural Language Processing, Social Bookmarking and Recommendation Systems. This includes the Collection (e.g. through focussed Crawling), Compilation, Annotation (e.g. by means of Crowdsourcing) and Curation of suitable records (data sets).

Further, it includes the Adaptation and Improvement of appropriate Algorithms (e.g. Named Entity Recognition, Classification, Clustering, Information Extraction, etc.) culminating in the development of web-based analysis platforms.

Scientific Services

- Hadoop-Cluster
- GPU calculator
- diverse datasets

Topics / Trends

Machine Learning
Natural language processing
Big Data & Data Management
Literature
Knowledge Management

Industries

Education
Information & Communication
Technology
Arts, Media & Entertainment