

## **Report Research visit to KMi, Open University, 2005-07-25 – 2005-08-19**

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Rationale of the visit / Proposed objectives:

L3S and KMi are working tightly together in the education area of KnowledgeWeb. This visit was intended to foster this cooperation further and prepare for the next version of the Advanced Semantic Platform for Learning (ASPL-2). Especially, the visit is intended to include functionality exploring information from social networks into ASPL-2, which can be used in recommendation services to find, for example, related documents, related prominent persons, related projects, communities etc. Such recommendation services should themselves be based on Semantic Web technologies combining all available information semantically.

Activities:

- 1) Setting up the foundations for integration further learning services into ASPL-2  
This activity was two-fold: On the one hand, magpie (ASPL-1) had to be extended with new services, for example, querying the REASE repository for certain authors. Furthermore, citeseer and DBLP data were analyzed and stored into a database in order to be able to use these data for further learning services, such as a recommendation service.
- 2) Discussing the overall architecture for ASPL-2  
This involved the integration of citation-analysis based recommenders, named entity recognition tools and further external sources. This is planned to result in a paper, which is currently under preparation.