

Research and Development of a Positioning Service for Learning Networks for Lifelong Learning

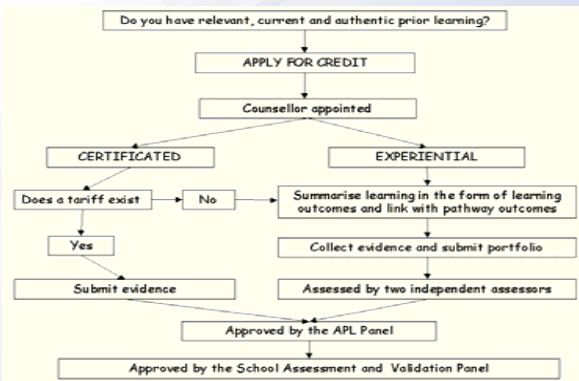
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Ectel06, Doctoral Consortium
Crete, 2nd of October 2006



Bridges for Technology
Enhanced Lifelong
Learning

Current solutions: APL/RPL



APL
Procedures
University of
Huddersfield

...and current problems



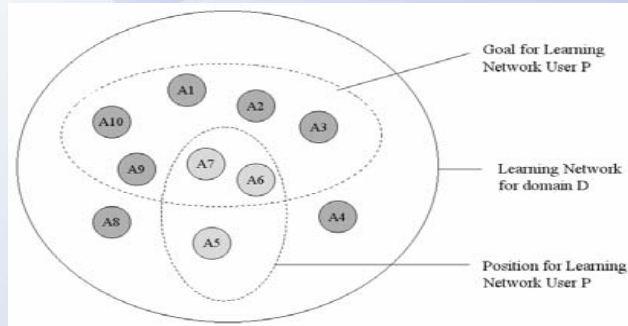
Aim of the project

Research computational approaches for APL and development of a positioning service for learning networks that delivers results comparable to experts.

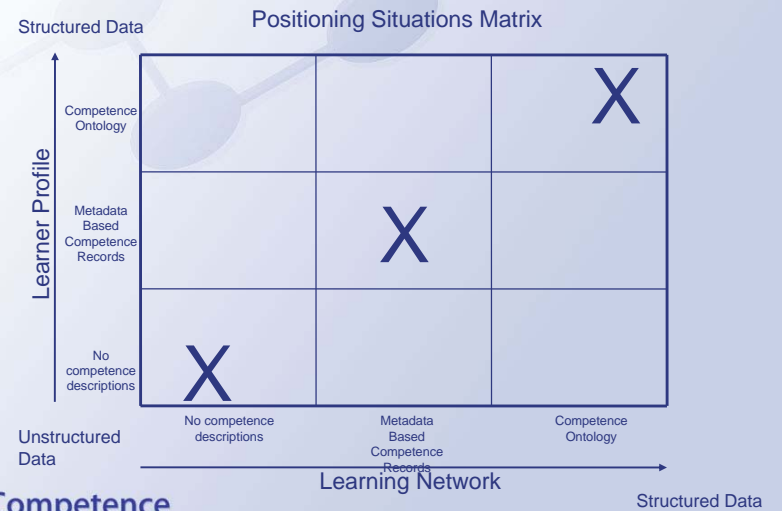


The research problem

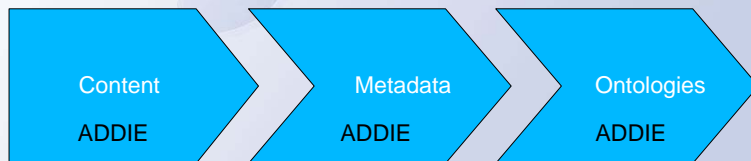
Taking into account the goals and the history of the learner which activities leading to a specific learning goal can be exempted and what is the best starting position?



Project Approach

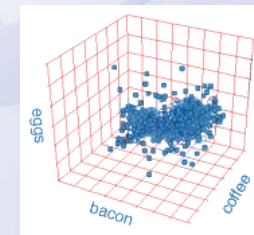


Research & Development Plan



Phase 1: Content-Analysis for Positioning

- Use of Latent Semantic Analysis for computing document similarity



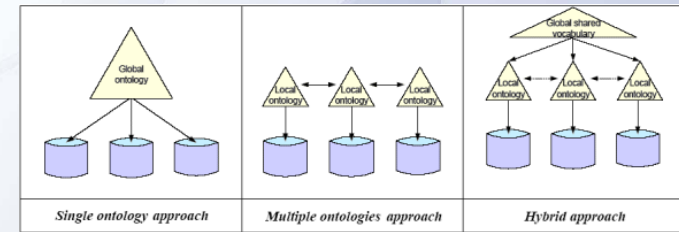
- Further development of R-implementation (Wild) of LSA to a web-service



Phase 2: Metadata for Positioning

- Positioning based on information in metadata
- Different specification standards: RDCEO, RCD, IMS ePortfolio, HR XML, specs concerning learner information.
- Positioning through metadata-comparison: learner metadata and related learning network metadata
- Development of a crosswalk for competence related metadata

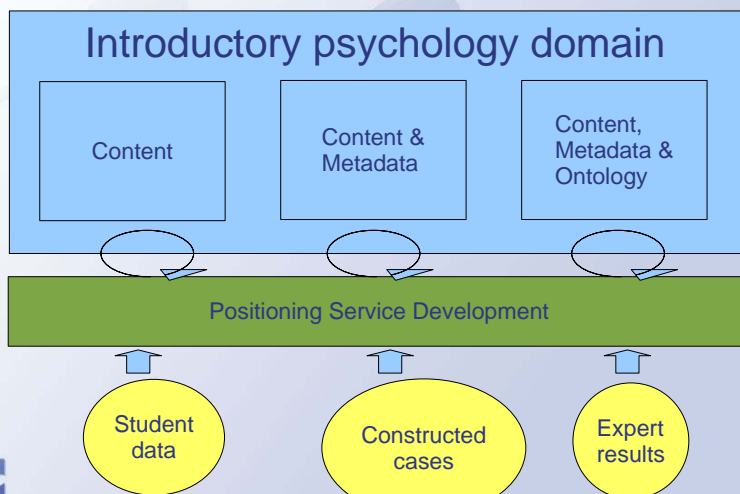
Phase 3: Ontologies for Positioning



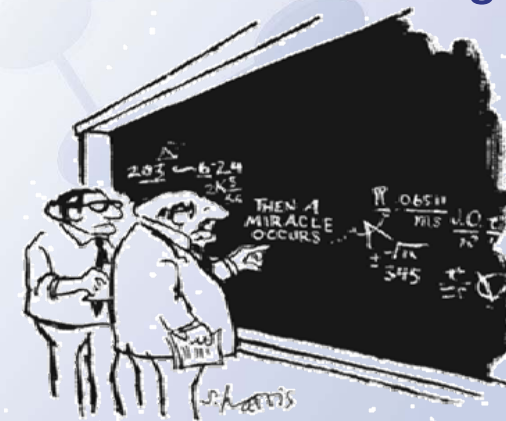
Su 2002

Focus on single ontology approach for positioning

Methodology/Context



Thanks for listening!



"I THINK YOU SHOULD BE MORE EXPLICIT HERE IN STEP TWO."