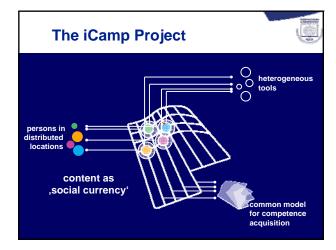


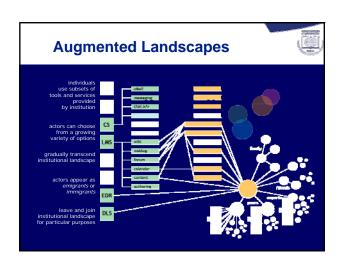
Agenda

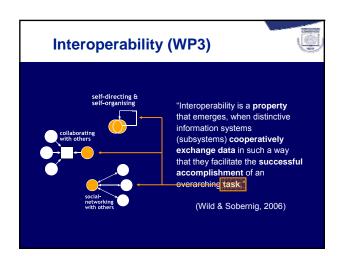


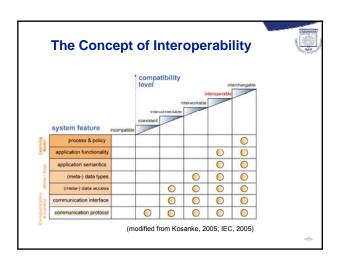
- The iCamp Project
- Interoperability
- Retrieval in Repository Federations (ObjectSpot)
- (Preliminary) Retrieval Evaluation
- Future Work
- Outlook: Networking Feed-Based Microcontent

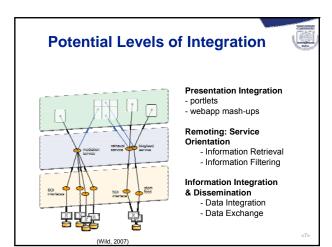
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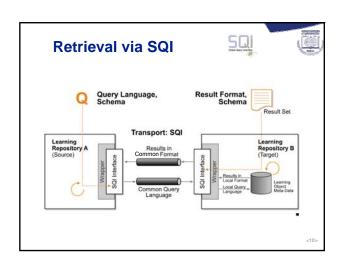


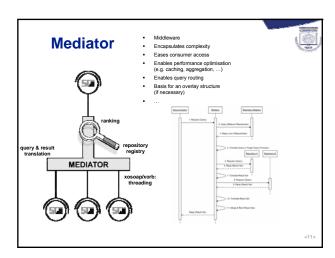


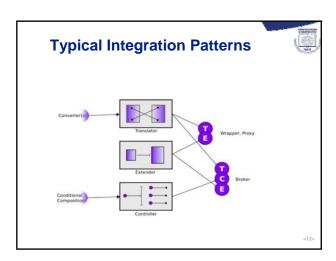


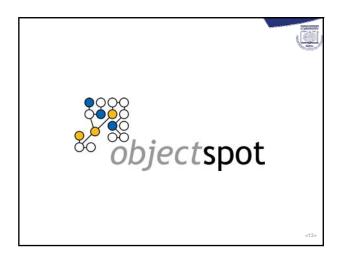
SQI Mediator Service The Net: SQI Targets Typical Integration Patterns Portlet & Portlet Configurator Federated Ranking

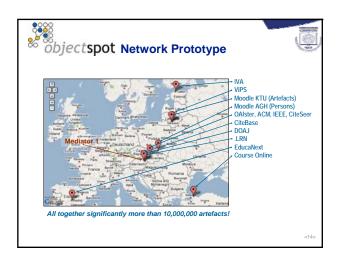


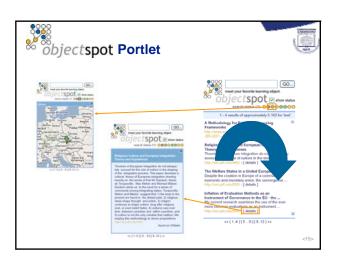


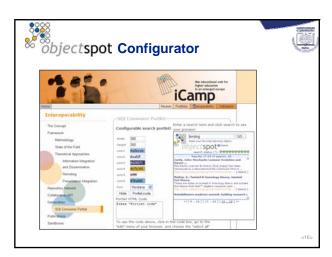








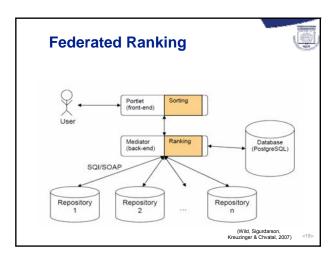


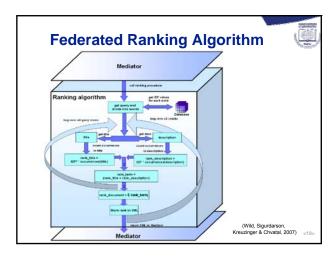


Trend: Even more Scattered Collections



- Survey in (mainly) Central Europe (100 universities) showed:
 - Universities like sharing with selected partners (42%) and publicly for free (29%)
 But: they don't manage their assets
 - - Only 18% have a repository accessible to outside
 - Only 16% have a cross-organisational repository
- Institutional Repositories emerge (LCMS, Video-Lectures, Fides, ...)
- Microformats are popping up (enabling for embedded, even individual repositories)
- Trading platforms emerge and grow (e.g. slideshare, EducaNext, preprint servers, ...)





(Preliminary) Evaluation Results	CONTROL OF THE PARTY OF THE PAR
RHL vs. Precision & Recall Preliminary Results	

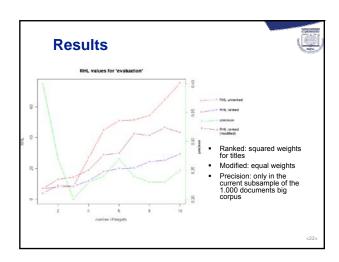
Ranked Half-Life (Borlund 1998)

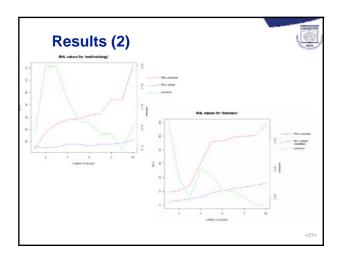


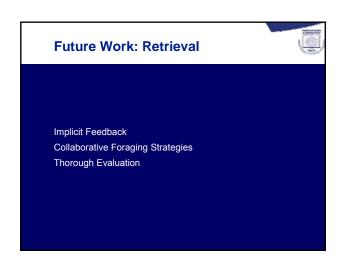
- Median of grouped continuous data
- Result position where half of the relevant documents are found before (lower value = better)
 e. g. RHL value 5: Half of all relevant documents in the answer set within top 5 results.

$$M_g = L_m + \left(\frac{n/2 - \sum f^2}{F(med)} \times CI\right)$$

- Lm = lower real limit of the median class
- n = number of observations
- $\sum f2$ = cumulative relevance values up to and including the class preceding the median class
- F(med) = relevance value of the median class;
- CI = class interval, commonly in IR = 1.







Future Work



- Investigate implicit feedback means: harvest behaviour traces
 - e.g. local feedback from detail views
 - e.g. track query modifications to adjust weights for disambiguation
- Investigate Collaborative Foraging Strategies
 - e.g. through investigating tagging
 - e.g. through investigating digest sharing
- Repeat Evaluation with Reuters Corpus
 - Simulation of specific situations (bad fast repositories vs. good slow reps; varying ,noise' levels to simulate varying topicality of a repository federation)

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