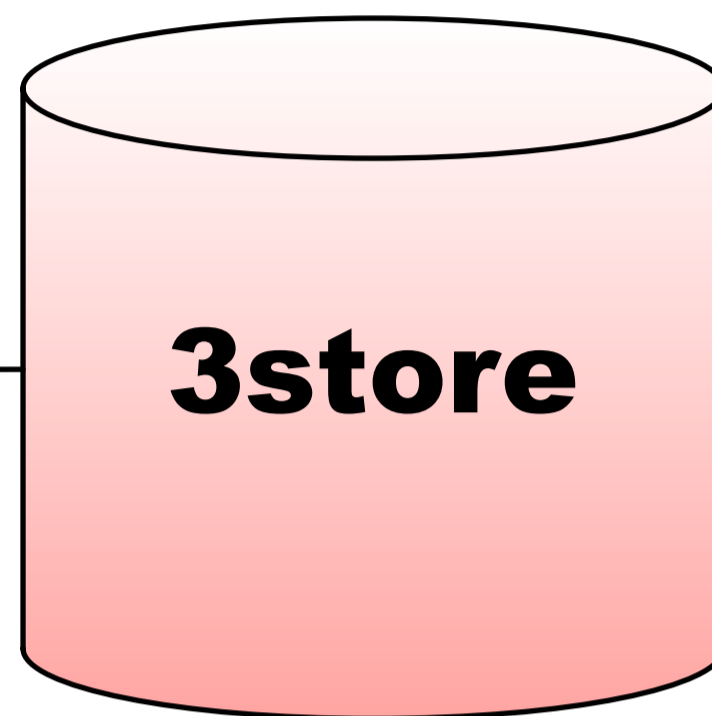
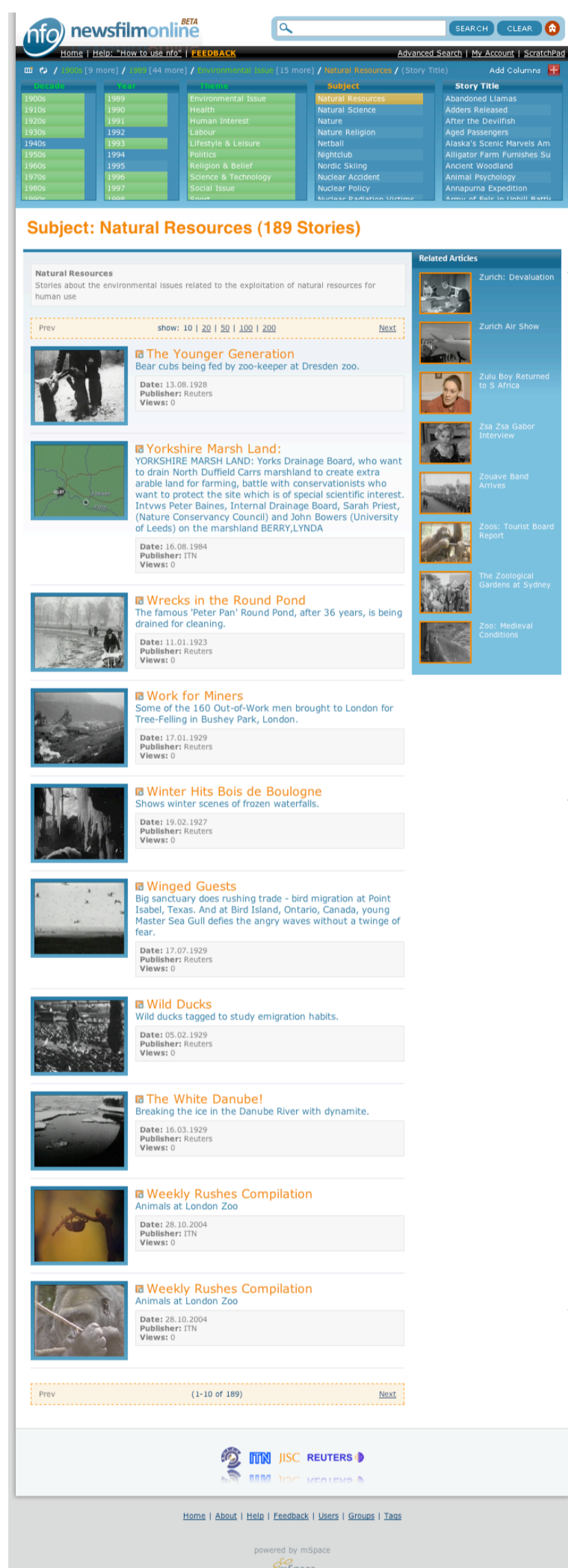


Challenges in Supporting Faceted Semantic Browsing of Multimedia Collections

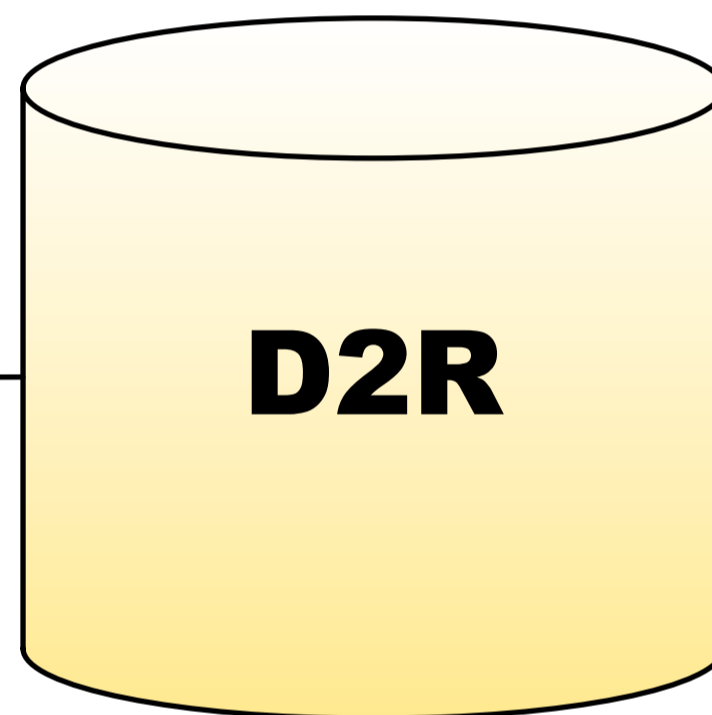
mSpace: a large-scale realtime dynamic explorer

Back-end Approaches Tried



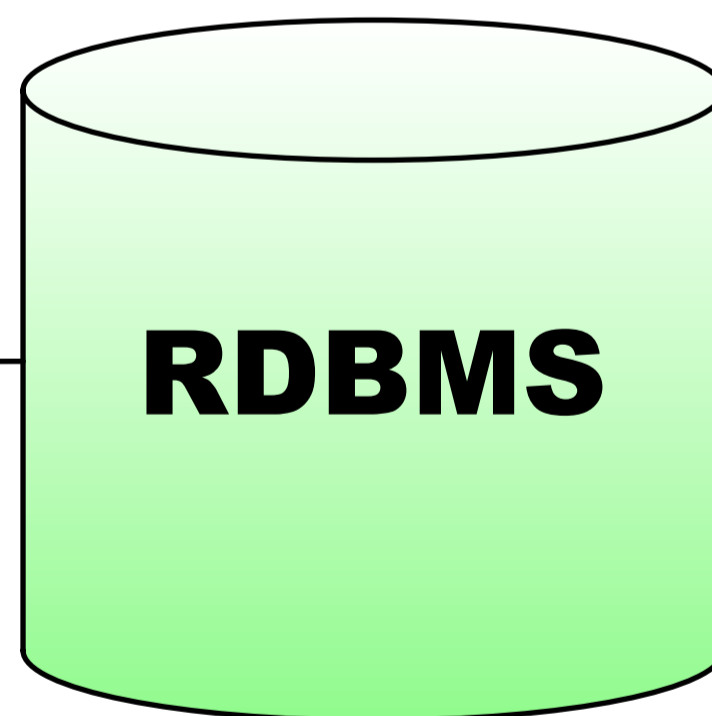
Strong Semantics
Slow Performance

- RDFS Inference
- RDF Import/Export
- SPARQL Querying
- Limited control over indexing



Some Semantics
Better Performance

- No Inference
- RDF Export
- SPARQL Querying
- RDBMS Storage Layer
- Data Schema control
- Index control

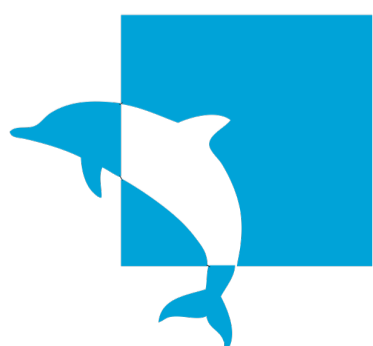


Weak Semantics
Realtime Performance

- No Inference
- No RDF
- SQL Querying
- RDBMS Storage Layer
- Index control
- Data Schema control
- Full Text Keyword Matching

How do we get the Semantics back into the back-end?

<http://eprints.ecs.soton.ac.uk/14507/>



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