


VOSpace progress report


VOTech Planning stage 6
Edinburgh, October 2007


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VOSpace 1.0 Specification


 vos://uk.ac.cam.ast!vospace-1.0/

 image-001.png

 image-021.png

 table-007.vot

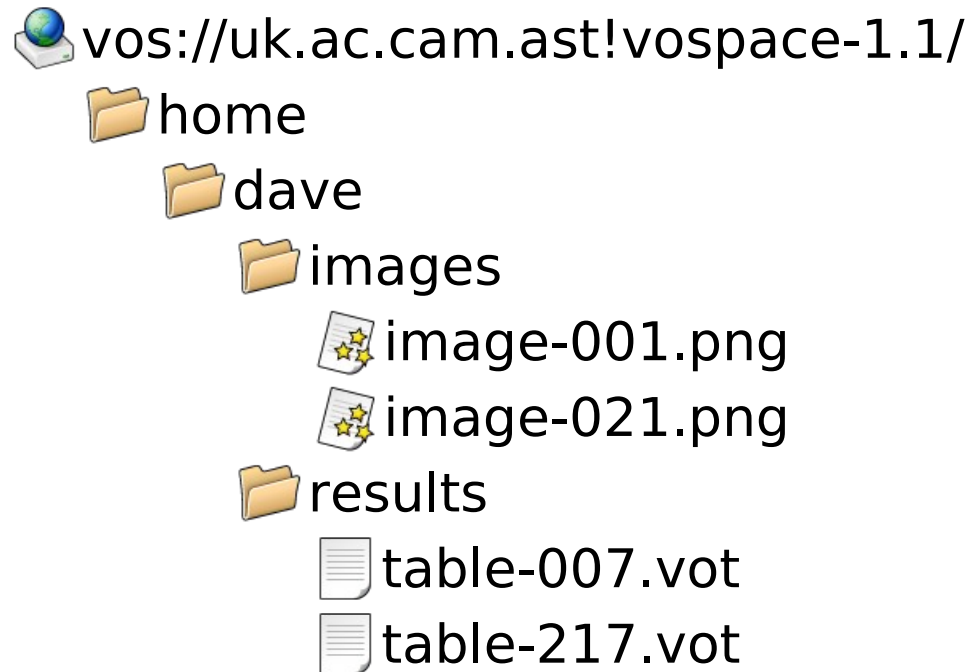
 table-217.vot

 table-219.vot

- Support for more than one protocol
- Support for more than one view
- Asynchronous 3rd party transfers
- **Accepted as IVOA standard**

VOSpace 1.1

Specification

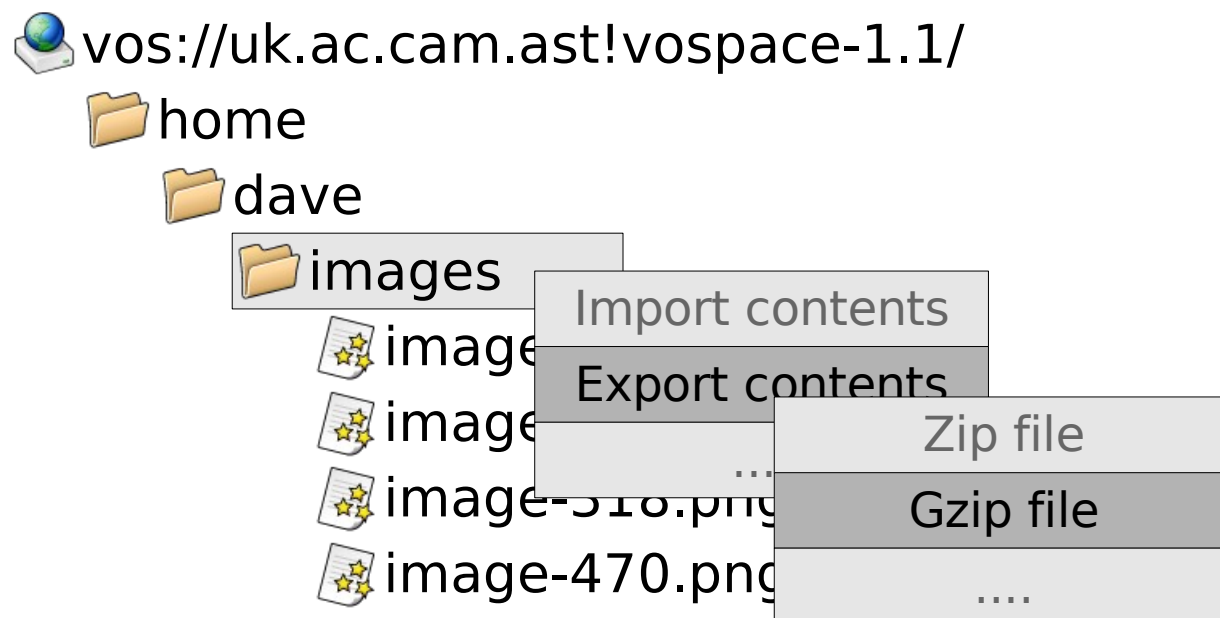


- Containers

- Hierarchical space within each service

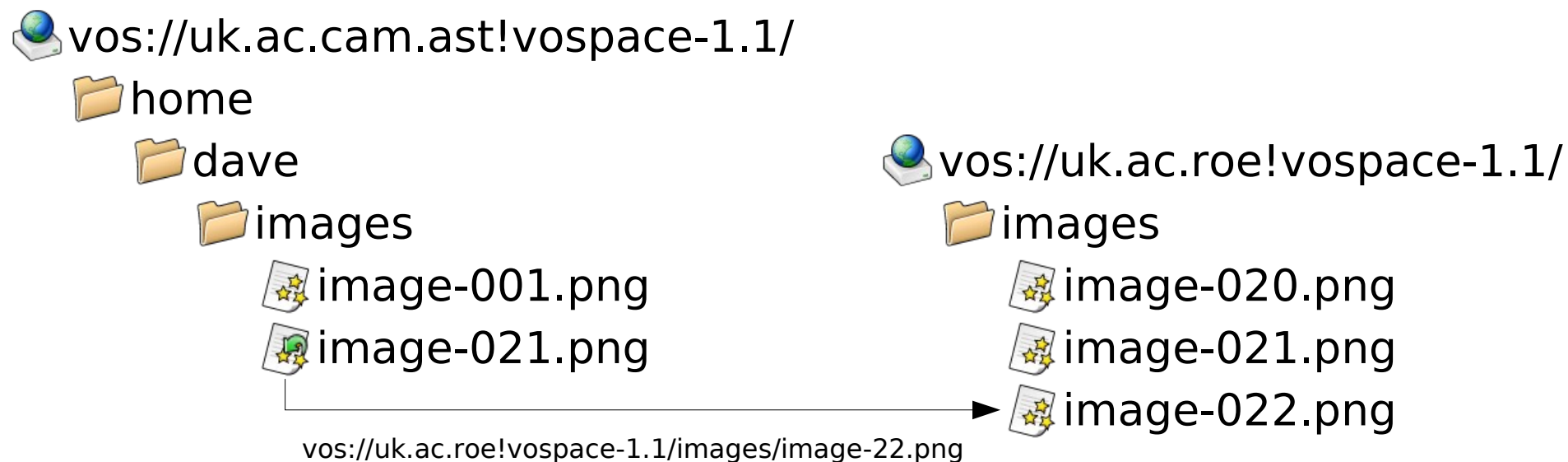
VOSpace 1.1

Specification



- Container level transfers
 - Transfer contents as a single object

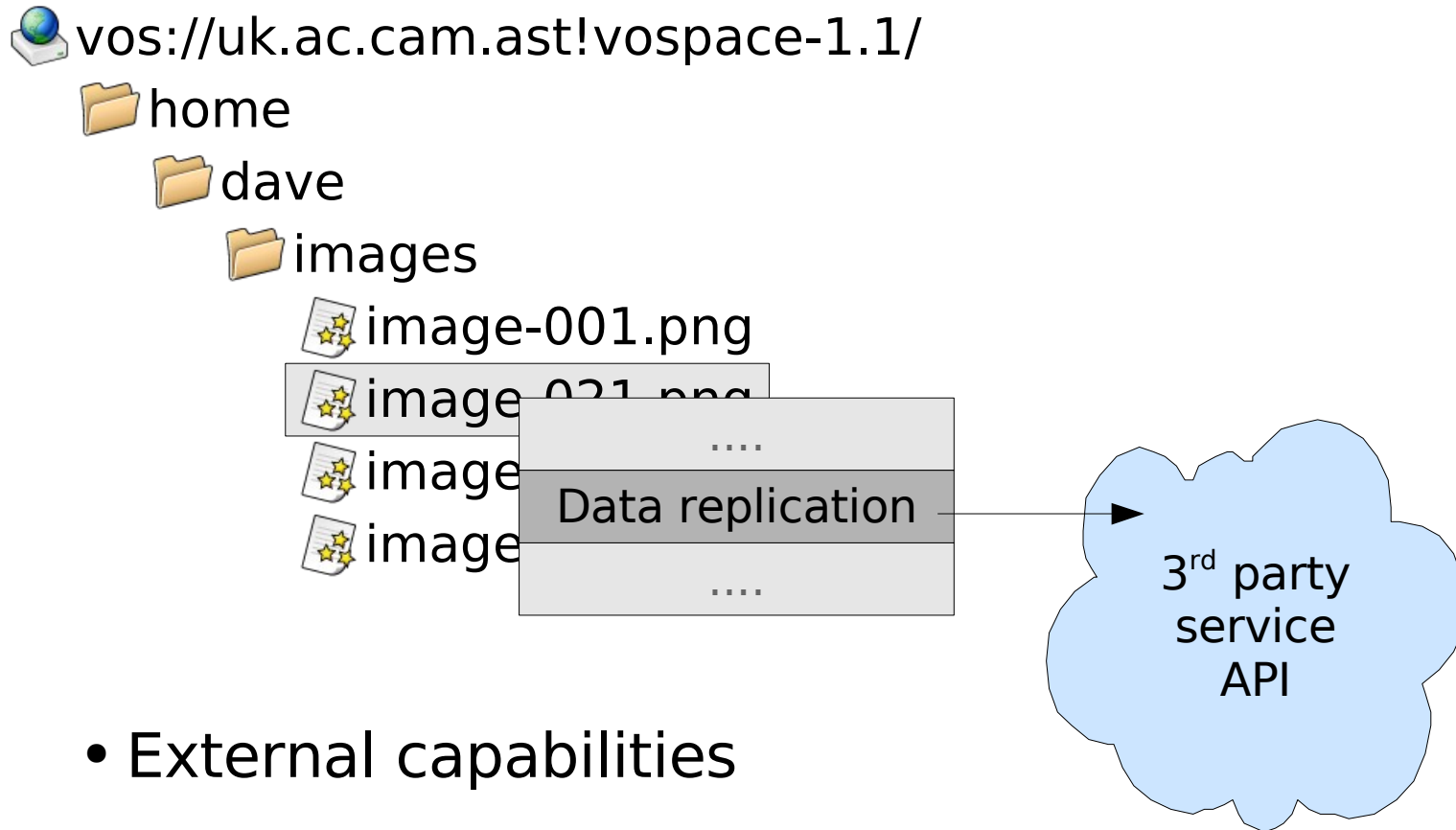
VOSpace 1.1 Specification



- Inter space links
 - Links to objects in other services

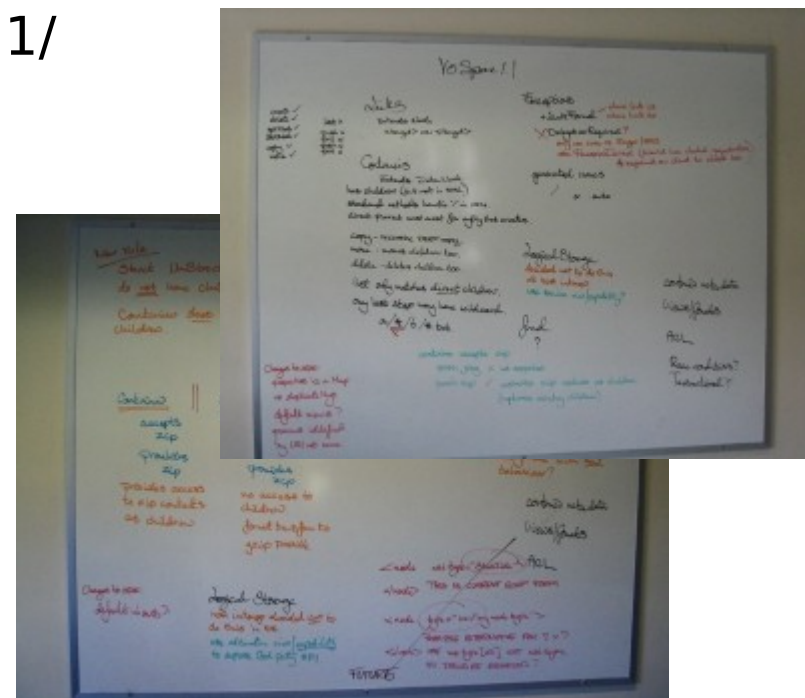
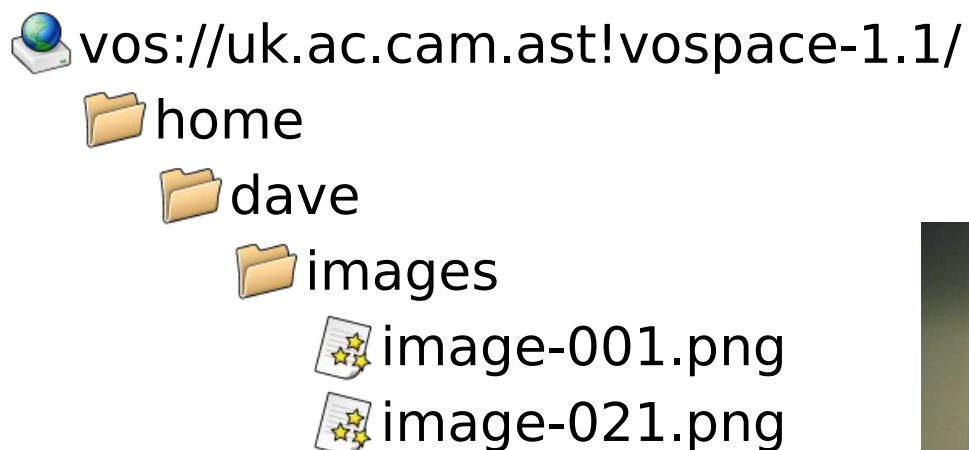
VOSpace 1.1

Specification



- External capabilities
 - Use existing 3rd party APIs
 - Don't re-invent the wheel

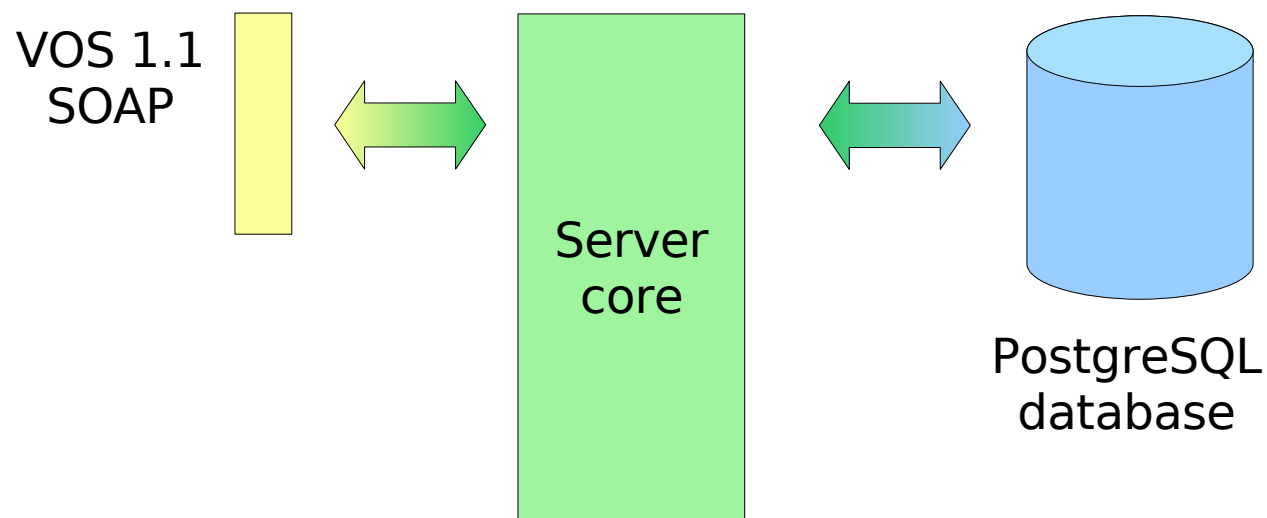
VOSpace 1.1 Specification



- Working with IVOA partners
- Aim to have VOSpace-1.1 specification for May

VOSpace 1.1

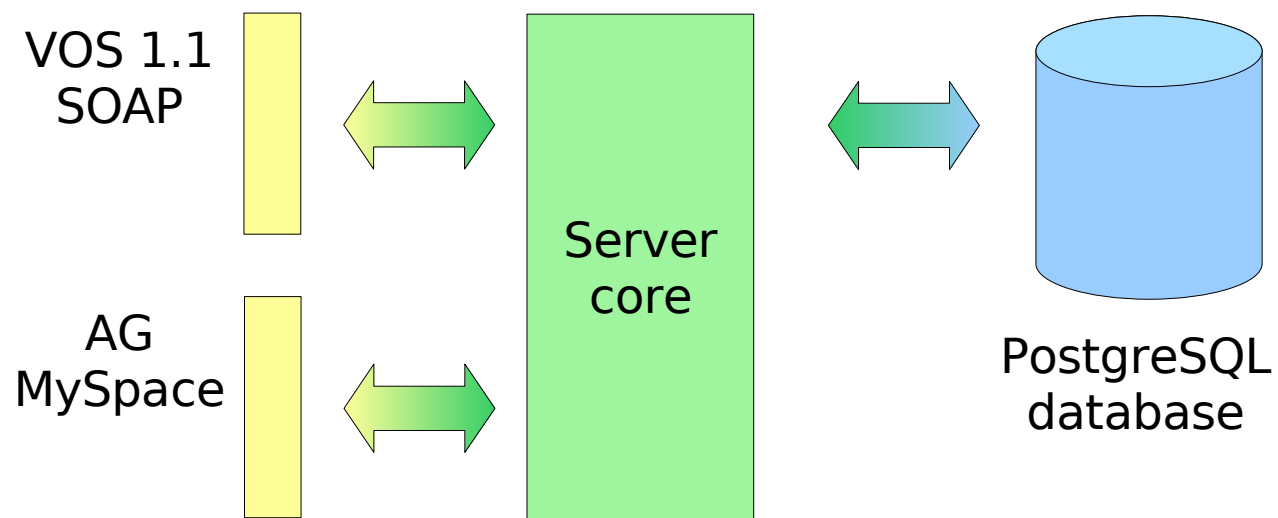
Implementation



- Core service base
- Stores node metadata in RDMBS
 - Current implementation uses PostgreSQL
 - Capable of using any JDBC compliant RDBMS

VOSpace 1.1

Implementation



- Supports VOSpace-1.1
- Supports existing MySpace API
 - Provides migration route for existing services