WLCG SRMs
Implementation Schedule
Agreed to at Grid Storage Interface
Workshop

Fermilab

Batavia, Illinois

May 22-23 2006

Schedule

- WSDL and SRM V2.2 Spec, 2 weeks from today - June 6th
- srmPrepareToGet, srmPrepareToPut at the same level of functionality as it is present now, 2 week after WSDL availability- June 20
  - Not technically challenging
  - Need 3 endpoints by the end of this period
  - Need a test suite, Java,C and C++ clients are included
    - LBNL tester
    - FNAL srmcp-Apache Axis+Globus Cog Kit
    - Castor C++ client - gSoap+gsiPlugin
    - DPM C client -gSoap
- Compatibility 1 week after that-June 27
  - Maarten Litmaath
- dCache srmCopy compatibility with DPM and Castor srmPrepareTo(Get/Put) - Work by Fermilab-July 4

Schedule(2)

- Space Reservation prerelease implementations by Sept 1
  - Same sets of functions as in a list bellow
- Space Reservation /Storage Classes - Sept 30
  - Effort availability may cause further delays
  - Srm Specific or non-standard way to reserve space and create a space token, together with its description
  - srmGetSpaceTokens
  - Modifications to srmPrepareToPut and srmCopy; srmPrepateToGet is optional
  - srmPurgeFromSpace - not needed
  - srmRm
  - srmReleaseFiles
- Space Reservation might require special deployment configurations to be supported

Schedule(3)

- srmBringOnline 1 week -October 6
- srmLs - return of space tokens is not required for October
- WLCG Clients should follow the same schedule
  - Ready to be used as testers by the end of Sept
  - Will have several srm testers, including one by Alex Sim
  - Functionality, stress tests, error handling and resilience to malicious clients

- Integration week in October - Oct 9-13
  - RAL
  - Two weeks to discuss and finalize the dates
  - Can be moved depending on impl. progress
  - Hands on testing and development
- Use WLCG-DM weekly phone calls to report progress and discuss issues