

Atlas XRootD demonstrator project

- Atlas project is both similar and complimentary to the CMS demonstrator.
- Atlas demonstrator is focused on delivering data between Tier 2's and Tier 3's
- Currently several sites in Europe and the US have agreed to participate.
- Atlas has agreed to a global name space structure
 - A properly defined global name space is critical to the straight forward inclusion of Tier 2 and Tier 3 sites.
 - This mirrors the existing DDM namespace

Atlas XRootD demonstrator project (2)

- SLAC has setup a global redirector
 - Xrootd core team will provide some support
- Using some of the ideas/code from CMS
 - Most Atlas Tier 2 sites and many Tier 3 sites use storage other than XRootD (dcache, DPM, Lustre, GPFS, etc)
 - Need to have Xrootd interface to this storage – US Atlas has identified a person to work on the project
- Working with CERN/CMS on XRootD Proxy
 - Will test it in US Atlas Tier 3 sites (needed because some data servers on private network)