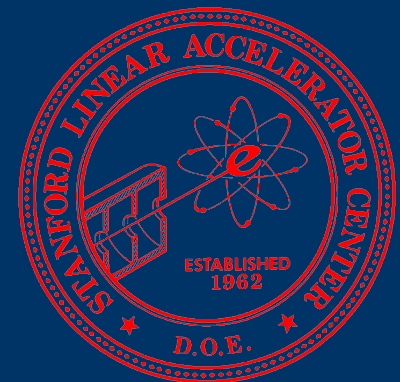


FTS Deployment In ATLAS



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23rd January 2007
wLCG Collaboration Workshop



ATLAS use of FTS

- All Tier-1s offer service
 - Transfers managed by destination's Tier-1's FTS
 - *e.g. Taiwan to Tokyo managed by Lyon*
- ATLAS DDM system submits requests to FTS
 - Packaged up into blocks
 - All managed requests go via FTS
 - Jobs get their input and send output via srmcp/gsiftp



Issues

- (Seemingly) complicated configuration has caused problems in the past
 - Many failures traced to incorrect FTS setup
- Could also be more flexible
 - Hard to trade off complication though...
- Are the development/deployment cycles too long?



Looking forward

- All currently required features are deployed or in development
 - No stage option for command line tool
 - clobber/noclobber destination files in command line tool
- File transfer notification system would be useful
- ATLAS is currently evaluating local access to data for analysis, may introduce new needs
 - Manage xrootd transfers?
- Monitoring is important to understand how the whole and parts of the system is working

