FTS3 Integration and Deployment Task Force

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WLCG Operations Kick Off Meeting
September 24th 2012
• Why FTS3?
  – Solve configuration and management issues
  – Go beyond channel model
  – Code refactoring
• Prototype released for testing at sites
• https://svnweb.cern.ch/trac/fts3
Task force objectives

• Short term
  – FTS2 functionality
  – Integration with VO transfer management systems
  – Verify easiness of configuration and management at sites
  – Testing at sites in FTS2-like topology (static channel-like configuration of links)

• Already started thanks to FTS developers and site admins
Task force objectives

- Further objectives
  - Define, and test final deployment topology based on new FTS3 features
    - Global FTS3 server (one shared DB, distributed or central)
    - vs. regional servers at each T0/T1 (Independent DBs)
  - Explore channel-less model
    - Link configuration based on static parameters
    - vs. dynamic parameters discovered from SE
    - vs. dynamic config based on past transfer history
  - Integrate experiments’ data management systems with FTS configuration
• Contacts
  – create a new mailing list internal to the WLCG Operations Coordination team integrated with fts3-steering@cern.ch

• People
  – Nicolò Magini, Alessandro Di Girolamo, Stefan Roiser (ES)
  – Andrew Lahiff (RAL)
  – Hito (BNL)