



Enabling Grids for E-scienceE

# FTS Improvements

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- **Multi-VO support being added**
  - Allows fair-share among VOs
  - New framework allows default actions of FTS to be overridden by VO-specific actions (e.g. cataloguing, retry, etc...)
  - Allows VO production manager to control the activities of a VO
  - Channel manager continues to control the overall activities on a given network channel – involved sites retain control of their resources
- **Other improvements being added**
  - Better monitoring and diagnostics
    - Easier to determine what's happening on the service
  - Working towards support for SRM copy

- **FTS plugin framework and multi-VO code developed**
  - Refactored existing code-base
  - Additional DB schema to support better monitoring
  - Currently working on deployment scripts
- **SRM copy will not make it into 2.0 release**
- **Testing the new functionality now on SC3 pilot FTS cluster (gLite test box)**
  - Low rate functional testing
- **Important to get experience of running version 2.0 at high throughput rates**
  - We need to build on our experience with the current version (v1.1)

- **1<sup>st</sup> two weeks of August**
  - Understanding the throughput issues together with sites
  - Continue with the current version 1.1 of FTS on the production SC3 node for this
- **In parallel, deploy the new FTS version 2.0 on a subset of the SC3 FTS pilot cluster**
  - Schedule slots during August to test the new FTS at high throughput rates
  - Understand and update the operating procedures for new functionality
- **Review new version middle August**