GT4 Component Fact Sheet

GridFTP

Last updated: 19 July 2004

General Component Description

GridFTP is a protocol for secure, fast, efficient, and robust data transport. GT4 provides an implementation of this protocol. We provide a server (globus-gridftp-server), a client (globus-url-copy), and a set of libraries for developing custom applications.

What's New in GT4?

GT4 provides a brand new, complete rewritten server implementation. This server is highly modular, and will be much more maintainable and extensible. Unlike previous versions, this version has striping capabilities (using multiple hosts to transfer a single file).

Backward Compatibility Statement

There has been absolutely no change to the GridFTP protocol. The new server is completely wire protocol compatible with previous servers. Any custom code that worked with previous Globus GridFTP servers (or any other protocol compliant server) will still work.

There are changes to installation and configuration of the server. The command line of globus-url-copy supports new options, but all previous options remain unchanged and existing scripts should still work.

Technology Dependencies

- globus_gass_copy
- globus_xio
- GSI
- globus_common
- The Pre-WS library globus_core