

GT4 Component Fact Sheet

Reliable File Transfer (RFT)

Last updated: 21 July 2004

General Component Description

The Reliable File Transfer (RFT) service fulfills a role similar to the batch scheduler on a compute machine. You submit a data transfer "job", which can consist of 10's or even 100's of thousands of files, along with information on buffer sizes, streams, etc. The request, along with information required for restart and notifications, is stored in a database. The service then executes a GridFTP 3rd party transfer on your behalf.

What's New in GT4?

- This service, formerly OGSI-based, has been ported to WSRF
- Scalability improvements
- Enhanced security

Backward Compatibility Statement

Since GT4 RFT is WSRF-based, it is not backward compatible with previous versions. We have tried to minimize the impact of the changes.

Technology Dependencies

- WSRF Core
- GridFTP java client libraries
- GridFTP servers running at source and destination
- PostGreSQL