GT4 Component Fact Sheet

Pre-WS Grid Resource Allocation Management (Pre-WS GRAM)

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General Component Description

The Grid Resource Allocation Management (GRAM) service provides a single interface for requesting and using remote system resources for the execution of "jobs". The most common use of GRAM is remote job submission and control. It is designed to provide a uniform, flexible interface to job scheduling systems.

GT4 contains two GRAM implementations: one based on a proprietary, pre-Web service protocol (Pre-WS GRAM) and the second built using Web service interfaces (WS GRAM). This Fact Sheet describes implementation details of the Pre-WS GRAM component.

What's New in GT4?

The Pre-WS GRAM implementation in GT4 is largely unchanged from the versions distributed in GT 3.2, 3.0 and 2.4. Changes to this component are limited to bug fixes.

Backward Compatibility Statement

- Full protocol and api backward compatibility with GT 3.2 Pre-WS GRAM

Technology Dependencies

- Pre-WS Authentication and Authorization
- Pre-WS libraries globus_common and globus_core
- XIO
- GridFTP
- Pre-WS MDS
- Batch Scheduler Installation (optional)
    - PBS
    - Condor
    - LSF