

globus gram job manager setup lsf Reference Manual

2.5

Generated by Doxygen 1.5.1

Wed Jul 21 14:44:16 2010

Contents

1 LSF Job Manager

1

1 LSF Job Manager

This package contains the "lsf" interface to the GRAM Job Manager. It is a setup package; the script `setup-globus-job-manager-lsf` must be run to register an lsf job manager with the Gatekeeper as a service.

1.1 Options to `setup-globus-gram-job-manager-lsf`

-service-name=NAME

Set the job manager service name to be NAME. The default service name for a LSF job manager is "jobmanager-lsf". See `globus_gram_resource_manager_contact` for information on how the service name is used by GRAM.

-validate-queues=yes|no

Configure the LSF job manager to check for valid queue names at setup time, and put those in an RSL validation file for this scheduler. This will allow the Job Manager to validate that a queue named by the queue RSL attribute is one supported by LSF.

1.2 LSF Scheduler-Specific RSL Attributes

The LSF job manager does not support any scheduler-specific RSL attributes.

1.3 Change Log

1.3.1 `globus_gram_job_manager_setup_lsf` 1.0

Split from the core of the Job Manager as a setup package.

The test for mpirun is done at the time this package is set up. If mpirun is not found at that time, the job manager will return the error `GLOBUS_GRAM_PROTOCOL_ERROR_JOBTYPE_NOT_SUPPORTED` instead of `GLOBUS_GRAM_PROTOCOL_ERROR_MPIRUN_NOT_FOUND`.