

globus gram job manager setup condor Reference Manual

4.4

Generated by Doxygen 1.5.1

Wed Jul 21 14:39:44 2010

Contents

1 Condor Job Manager

1

1 Condor Job Manager

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

1.1 Options to setup-globus-job-manager-condor

-service-name=NAME

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

-condor-os=OS

Set the Condor OS name to be used for jobs submitted to this condor service. If not present, then the value will be derived from the operating system being run on the node where the setup script is run. To support multiple condor operating systems via GRAM, multiple condor job manager services with unique service names must be set up.

-condor-arch=ARCH

Set the Condor Architecture name to be used for jobs submitted to this condor service. If not present, then the value will be derived from the system architecture of the node where the setup script is run. To support multiple condor architectures via GRAM, multiple condor job manager services with unique service names must be set up.

1.2 Condor Scheduler-Specific RSL Attributes

The Condor job manager supports a method for passing condor attributes through to the underlying condor scheduler via a scheduler-specific attribute.

condor_submit = (CondorAttributeName CondorAttributeValue) ...

Set a condor-specific job attribute/value pair. The value of the `condor_submit` attribute is a sequence of attribute/value pairs.

1.3 Change Log

1.3.1 `globus_gram_job_manager_setup_condor 1.0`

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