

globus gram job manager callout error Reference Manual

0.2

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1.1 globus gram job manager callout error Modules

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2.1 Activation

Globus GRAM Jobmanager Callout Error API uses standard Globus module activation and deactivation.

Defines

- `#define GLOBUS_GRAM_JOBMANAGER_CALLOUT_ERROR_MODULE`

2.1.1 Detailed Description

Globus GRAM Jobmanager Callout Error API uses standard Globus module activation and deactivation.

Before any Globus GRAM Jobmanager Callout Error API functions are called, the following function must be called:

```
globus_module_activate(GLOBUS_GRAM_JOBMANAGER_CALLOUT_ERROR_MODULE)
```

This function returns `GLOBUS_SUCCESS` if the Globus GRAM Jobmanager Callout Error API was successfully initialized, and you are therefore allowed to subsequently call Globus GRAM Jobmanager Callout Error API functions. Otherwise, an error code is returned, and Globus GSI Credential functions should not be subsequently called. This function may be called multiple times.

To deactivate Globus GRAM Jobmanager Callout Error API, the following function must be called:

```
globus_module_deactivate(GLOBUS_GRAM_JOBMANAGER_CALLOUT_ERROR_MODULE)
```

This function should be called once for each time Globus GRAM Jobmanager Callout Error API was activated.

2.1.2 Define Documentation

2.1.2.1 `#define GLOBUS_GRAM_JOBMANAGER_CALLOUT_ERROR_MODULE`

Module descriptor.

2.2 Datatypes

Enumerations

- enum `globus_gram_jobmanager_callout_error_t` {
 `GLOBUS_GRAM_JOBMANAGER_CALLOUT_BAD_CREDS` = 0,
 `GLOBUS_GRAM_JOBMANAGER_CALLOUT_AUTHZ_SYSTEM_ERROR` = 1,
 `GLOBUS_GRAM_JOBMANAGER_CALLOUT_AUTHZ_DENIED` = 2,
 `GLOBUS_GRAM_JOBMANAGER_CALLOUT_AUTHZ_DENIED_INVALID_JOB` = 3,
 `GLOBUS_GRAM_JOBMANAGER_CALLOUT_AUTHZ_DENIED_BAD_EXECUTABLE` = 4,
 `GLOBUS_GRAM_JOBMANAGER_CALLOUT_ERROR_LAST` = 5 }

2.2.1 Enumeration Type Documentation

2.2.1.1 enum `globus_gram_jobmanager_callout_error_t`

GRAM Jobmanager Callout Error codes.

Enumerator:

GLOBUS_GRAM_JOBMANAGER_CALLOUT_BAD_CREDS Credentials not accepted.

GLOBUS_GRAM_JOBMANAGER_CALLOUT_AUTHZ_SYSTEM_ERROR Authorization system mis-configured.

GLOBUS_GRAM_JOBMANAGER_CALLOUT_AUTHZ_DENIED Authorization denied.

GLOBUS_GRAM_JOBMANAGER_CALLOUT_AUTHZ_DENIED_INVALID_JOB Authorization denied - invalid job id.

GLOBUS_GRAM_JOBMANAGER_CALLOUT_AUTHZ_DENIED_BAD_EXECUTABLE
Authorization denied - executable not allowed.

GLOBUS_GRAM_JOBMANAGER_CALLOUT_ERROR_LAST Last marker - never used.

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