

globus gram job manager callout error Reference Manual

0.2

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Contents

1 globus gram job manager callout error Module Index	1
2 globus gram job manager callout error Module Documentation	1

1 globus gram job manager callout error Module Index

1.1 globus gram job manager callout error Modules

Here is a list of all modules:

Activation	1
Datatypes	2

2 globus gram job manager callout error Module Documentation

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.

Index

Activation, [1](#)

Datatypes, [2](#)

GLOBUS_GRAM_JOBMANAGER_CALLOUT_-
AUTHZ_DENIED

globus_gram_jobmanager_callout_error_-
datatypes, [2](#)

GLOBUS_GRAM_JOBMANAGER_-
CALLOUT_AUTHZ_DENIED_BAD_-
EXECUTABLE

globus_gram_jobmanager_callout_error_-
datatypes, [2](#)

GLOBUS_GRAM_JOBMANAGER_CALLOUT_-
AUTHZ_DENIED_INVALID_JOB

globus_gram_jobmanager_callout_error_-
datatypes, [2](#)

GLOBUS_GRAM_JOBMANAGER_CALLOUT_-
AUTHZ_SYSTEM_ERROR

globus_gram_jobmanager_callout_error_-
datatypes, [2](#)

GLOBUS_GRAM_JOBMANAGER_CALLOUT_-
BAD_CREDS

globus_gram_jobmanager_callout_error_-
datatypes, [2](#)

globus_gram_jobmanager_callout_error_activation
GLOBUS_GRAM_JOBMANAGER_-

CALLOUT_ERROR_MODULE, [1](#)

globus_gram_jobmanager_callout_error_datatypes

GLOBUS_GRAM_JOBMANAGER_-
CALLOUT_AUTHZ_DENIED, [2](#)

GLOBUS_GRAM_JOBMANAGER_-
CALLOUT_AUTHZ_DENIED_BAD_-
EXECUTABLE, [2](#)

GLOBUS_GRAM_JOBMANAGER_-
CALLOUT_AUTHZ_DENIED_-
INVALID_JOB, [2](#)

GLOBUS_GRAM_JOBMANAGER_-
CALLOUT_AUTHZ_SYSTEM_-
ERROR, [2](#)

GLOBUS_GRAM_JOBMANAGER_-
CALLOUT_BAD_CREDS, [2](#)

GLOBUS_GRAM_JOBMANAGER_-
CALLOUT_ERROR_LAST, [2](#)

globus_gram_jobmanager_callout_error_datatypes
globus_gram_jobmanager_callout_error_t, [2](#)

GLOBUS_GRAM_JOBMANAGER_CALLOUT_-
ERROR_LAST

globus_gram_jobmanager_callout_error_-
datatypes, [2](#)

GLOBUS_GRAM_JOBMANAGER_CALLOUT_-
ERROR_MODULE

globus_gram_jobmanager_callout_error_-
activation, [1](#)

globus_gram_jobmanager_callout_error_t

globus_gram_jobmanager_callout_error_-
datatypes, [2](#)