

# globus gram job manager callout error

## 2.1

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# Contents

<b>1</b>	<b>Module Index</b>	<b>1</b>
1.1	Modules . . . . .	1
<b>2</b>	<b>Module Documentation</b>	<b>1</b>
2.1	Activation . . . . .	1
2.1.1	Detailed Description . . . . .	1
2.1.2	Macro Definition Documentation . . . . .	2
2.2	Datatypes . . . . .	3
2.2.1	Detailed Description . . . . .	3
2.2.2	Enumeration Type Documentation . . . . .	3

<b>Index</b>	<b>4</b>
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## 1 Module Index

### 1.1 Modules

Here is a list of all modules:

<b>Activation</b>	<b>1</b>
<b>Datatypes</b>	<b>3</b>

## 2 Module Documentation

### 2.1 Activation

#### Macros

- #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 Macro Definition 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 Detailed Description

#### 2.2.2 Enumeration Type Documentation

##### 2.2.2.1 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 misconfigured.

**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

    GLOBUS\_GRAM\_JOBMANAGER\_CALLOUT\_ERROR\_MODULE, 1

Datatypes, 2

    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\_t, 2

GLOBUS\_GRAM\_JOBMANAGER\_CALLOUT\_AUTHZ\_DENIED

    Datatypes, 2

GLOBUS\_GRAM\_JOBMANAGER\_CALLOUT\_AUTHZ\_DENIED\_BAD\_EXECUTABLE

    Datatypes, 2

GLOBUS\_GRAM\_JOBMANAGER\_CALLOUT\_AUTHZ\_DENIED\_INVALID\_JOB

    Datatypes, 2

GLOBUS\_GRAM\_JOBMANAGER\_CALLOUT\_AUTHZ\_SYSTEM\_ERROR

    Datatypes, 2

GLOBUS\_GRAM\_JOBMANAGER\_CALLOUT\_BAD\_CREDS

    Datatypes, 2

GLOBUS\_GRAM\_JOBMANAGER\_CALLOUT\_ERROR\_LAST

    Datatypes, 2

GLOBUS\_GRAM\_JOBMANAGER\_CALLOUT\_ERROR\_MODULE

    Activation, 1

globus\_gram\_jobmanager\_callout\_error\_t

    Datatypes, 2