

globus gram job manager callout error

2.1

Generated by Doxygen 1.8.1.1

Thu Jul 19 2012 21:59:45

Contents

| | | |
|----------|--|----------|
| 1 | Module Index | 1 |
| 1.1 | Modules | 1 |
| 2 | Module Documentation | 1 |
| 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 |

1 Module Index

1.1 Modules

Here is a list of all modules:

| | |
|-------------------|----------|
| Activation | 1 |
| Datatypes | 3 |

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