

globus gridmap callout error Reference Manual

1.2

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1.1 globus gridmap callout error Modules

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2.1 Activation

The Globus Gridmap Callout Error API uses standard Globus module activation and deactivation.

Defines

- `#define GLOBUS_GRIDMAP_CALLOUT_ERROR_MODULE`

2.1.1 Detailed Description

The Globus Gridmap Callout Error API uses standard Globus module activation and deactivation.

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

```
globus_module_activate(GLOBUS_GRIDMAP_CALLOUT_ERROR_MODULE)
```

This function returns `GLOBUS_SUCCESS` if the Globus Gridmap Callout Error API was successfully initialized, and you are therefore allowed to subsequently call Globus Gridmap 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 Gridmap Callout Error API, the following function must be called:

```
globus_module_deactivate(GLOBUS_GRIDMAP_CALLOUT_ERROR_MODULE)
```

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

2.1.2 Define Documentation

2.1.2.1 `#define GLOBUS_GRIDMAP_CALLOUT_ERROR_MODULE`

Module descriptor.

2.2 Datatypes

Enumerations

- `enum globus_gridmap_callout_error_t` {
 GLOBUS_GRIDMAP_CALLOUT_LOOKUP_FAILED = 0,
 GLOBUS_GRIDMAP_CALLOUT_GSSAPI_ERROR = 1,
 GLOBUS_GRIDMAP_CALLOUT_BUFFER_TOO_SMALL = 2,
 GLOBUS_GRIDMAP_CALLOUT_ERROR_LAST = 3 }

2.2.1 Enumeration Type Documentation

2.2.1.1 `enum globus_gridmap_callout_error_t`

Gridmap Callout Error codes.

Enumeration values:

GLOBUS_GRIDMAP_CALLOUT_LOOKUP_FAILED Gridmap lookup failed.

GLOBUS_GRIDMAP_CALLOUT_GSSAPI_ERROR GSSAPI error.

GLOBUS_GRIDMAP_CALLOUT_BUFFER_TOO_SMALL Buffer too small.

GLOBUS_GRIDMAP_CALLOUT_ERROR_LAST Last marker - never used.

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