

```
#ifndef _EDU_WSU_GRIDSTAT_QOSBROKER_COMMAND_CONSTANTS
#define _EDU_WSU_GRIDSTAT_QOSBROKER_COMMAND_CONSTANTS
```

```
module edu
```

```
{
  module wsu
```

```
{
  module gridstat
```

```
{
  module qosBroker
```

```
{
  module command
```

```
{
  ///////////////////////////////////////////////////////////////////
```

```
// An interface class that only contain constants to be
// used by the QoS hierarchy
```

```
interface HierConstants
{
```

```
  // Different entities types
  const short EDGE_SR_TYPE = 0;
  const short SR_TYPE = 1;
  const short FOREIGN_SR_TYPE = 2;
  const short BORDER_SR_TYPE = 3;
  const short LEAF_QOS_BROKER_TYPE = 4;
  const short QOS_BROKER_TYPE = 5;
  const short QOS_BROKER_FOREIGN_TYPE = 6;
```

```
  // Different communication links types
  const short CLOUD_EDGE = 0;
  const short INTER_CLOUD_EDGE = 1;
  const short INTER_CLOUD_EDGE_PARTIAL = 2;
```

```
  // Constants for inter cloud subscriptions
  const short CLOUD_SUB = 0;
  const short INTER_SUB = 1;
  const short INTER_SUB_START = 2;
  const short INTER_SUB_MID = 3;
  const short INTER_SUB_END = 4;
```

```
  // The state of an inter cloud subscription
  const boolean TO_COMMITT = FALSE;
  const boolean COMMITTED = TRUE;
```

```
  // How many redundant paths
  const long MAX_REDUNDANT_PATHS = 10;
```

```
};
};
};
};
};
};
```

```
#endif // define _EDU_WSU_GRIDSTAT_QOSBROKER_COMMAND_CONSTANTS
```