NAME

qnetError – Display error message using the value returned by a QNET function

SYNOPSIS

#include <qnet.h>

void qnetError(int *errno***, string** *msg***);**

DESCRIPTION

Many QNET functions return nonzero integer values to indicate that an error has occurred. The **qnetError**() function accepts one of these values in *errno* and displays a corresponding error message. If *msg* is not empty then the string it points to is displayed first, followed by the error message.

EXAMPLE

The following code segment will attempt to read policy data from a file and display an error message if read function was not successful:

```
int status = readPolicyFile(string("policy.u"), ndim, decn, &N[1], action);

if (status < 0)
{
    qnetError(status, string("Cannot read policy file"));
    exit(EXIT_FAILURE);
}
```

If the file is not recognized as a valid policy file the output will be

QNET [Cannot read policy file] bad magic number in file

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