

Problem

How do I document command-line parameters for (C++) executable files?

Solution

The best way to accomplish this is through Doxygen. To do this for a main(...) function in a *.cpp file, simply add a doxygen comment where you specify the "file" tag. For example:

```
/** @file maciManager.cpp
 * Brief description about maciManager goes here. The detailed description
 * is anything after the first "." or newline character encountered. Now we will specify the command-line
 * parameters by enclosing the actual parameter in double-quotes followed by a brief explanation.
 * @param "-ORBEndpoint iiop://$HOST:3051" Use this optional parameter to specify which host/port maciManager
 * should run on.
 */
```

would produce a "Detailed" section in the Doxygen-generated html page for maciManager.cpp describing the parameters that need to be passed to maciManager.

-- [DavidFugate](#) - 28 Jun 2005

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