
Subject: Re: exit() -> heap leaks detected.
Posted by [mirek](#) on Sat, 06 Sep 2008 06:39:26 GMT
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captainc wrote on Fri, 05 September 2008 18:39From definition of exit function:
Quote:Terminates the process normally, performing the regular cleanup for terminating processes.

First, all functions registered by calls to atexit are executed in the reverse order of their registration. Then, all streams are closed and the temporary files deleted, and finally the control is returned to the host environment.

This is why I have been confused. Is the definition not consistent with the actions? I guess I did not research it enough... neither did a few library authors!

Well, global destructors are registred via atexit (usually, it is). Anyway, "exit" never returns, means nothing can be called at the end of block.

OTOH, as system usually performs necessary cleanup (closing file handles etc...), I can see that some C++ library calls exit, not caring about leaks. But that is not really correct in my book.

Mirek
