

## IEEE Standards Interpretations for IEEE Std 1003.1™-2001 IEEE Standard for Information Technology - Portable Operating System Interface (POSIX®)

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### Interpretation Request #31

**Topic:** exit should not invoke cancellation cleanup handlers or per-thread data destructors **Relevant Sections:** XSH exit

“exit()” should behave the same as \_exit() or \_Exit() with respect to cancellation clean-up handlers and per-thread data destructors. Replace Threads terminated by a call to \_Exit() or \_exit() shall not invoke their cancellation cleanup handlers or per-thread data destructors. with Termination of a process shall not invoke any thread cancellation clean-up handlers or per-thread data destructors.

### Interpretation Response

The standards states the requirements for exit(), and conforming implementations must conform to this. However, concerns have been raised about this which are being referred to the sponsor.

### Rationale for Interpretation

None.

### Notes to the Editor (not part of this interpretation)

exit() should be described on a separate page that explains at the end that exit() inherits the behavior described separately for \_exit()

