

IEEE Standards Interpretations for IEEE Std 1003.1c™-1995 IEEE Standard for Information Technology--Portable Operating System Interface (POSIX(R)) - System Application Program Interface (API) Amendment 2: Threads Extension (C Language)

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Interpretation Request #4

Topic: pthread_atfork -- Headers and Functions **Relevant Clauses:** 3.1.3.1 lines 79-81, 2.7.3

Which header is the function pthread_atfork() defined in? Should it be pthread.h? At the moment this has been omitted from that header. Was this intentional?

Interpretation Response

IEEE Std 1003.1b™-1993, to which IEEE Std 1003.1c-1995 is an amendment, on page 39 section 2.7.3 lines 1119 to 1121, states that "if a function is not listed below, it shall have its prototype appear in <unistd.h>..." pthread_atfork is not listed, so the standard is clear that it shall be listed in <unistd.h>.

Rationale for Interpretation

None.