

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 #25

Topic: `_POSIX_THREAD_*` vs `_POSIX_THREADS_*` **Relevant Clauses:** 2-10, F3.1

There is an apparent error in ISO 9945-1:1996 that includes IEEE Std POSIX 1003.1c-1995. Table 2-10 "Compile-Time Symbolic constants" lines 1649-1661 state "`_POSIX_THREAD_ATTR_STACKADDR`" ... "`_POSIX_THREAD_PROCESS_SHARED`" yet the informative clause F.3.1 lines 392-425 states "`_POSIX_THREADS_ATTR_STACKADDR`". Note the extra "S" after "THREAD". This is a clear contradiction between two clauses of the standard, where the normative clause is correct. This should be forwarded to the sponsor, so that the IEEE errata correction process be applied.

Interpretation Response

The standard clearly states the requirement for `_POSIX_THREAD_*` in the normative clause, and conforming implementations must conform to this. The text in Annex F is informative and this will be forwarded to the sponsor so that the IEEE errata correction process can be applied.

Rationale for Interpretation

None.