

## **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 #32**

**Topic:** Thread-Specific Data Key Creation Description **Relevant Clauses:** 17.1.1.2

Clause 17.1.1.2, Thread-Specific Data Key Creation Description The description of thread-specific data destructors, somewhere along the line, lost the original intent of the working group, that the implementation shall set the thread-specific data value to NULL prior to calling the application's destructor routine. The standard currently (and incorrectly) requires that the application set the value to NULL within the destructor in order to avoid infinite looping or memory leakage. The standard should be corrected to require that the implementation SHALL set the value to NULL before calling the application destructor function.

### **Interpretation Response**

This is a duplicate. See Interpretation #8.

### **Rationale for Interpretation**

None.