

## **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 #26**

**Topic:** tmpname() **Relevant Clauses:** 18.1.2

There is an apparent error in ISO 9945-1:1996 which includes IEEE Std 1003.1c-1995. Subclause 18.1.2 lists the "tmpname()" function on line 65. This should be "tmpnam()" as on page 205 line 29. This is a clear contradiction between two subclauses of the standard, where the normative subclause is correct. This should be forwarded to the sponsor, so that the IEEE errata correction process be applied.

### **Interpretation Response**

The standard is clear in 8.1 on page 205 line 63 that the C language function tmpnam() shall be provided in the POSIX.1 with C Language Binding. The reference in 18.1.2, page 348, line 65, to a function 'tmpname()' refers to a function that is not defined anywhere in the standard and thus represents a defect in the standard. The interpretation committee believes that intent of the working and balloting groups was clear and that this is typographical error. It is being referred to the sponsor for correction.

### **Rationale for Interpretation**

None.