

## **IEEE Standards Interpretation for IEEE Std 1003.1™-1990 IEEE Standard for Information Technology--Portable Operating System Interfaces (POSIX®)**

Copyright © 2001 by the Institute of Electrical and Electronics Engineers, Inc. 3 Park Avenue New York, New York 10016-5997 USA All Rights Reserved.

Interpretations are issued to explain and clarify the intent of a standard and do not constitute an alteration to the original standard. In addition, interpretations are not intended to supply consulting information. Permission is hereby granted to download and print one copy of this document. Individuals seeking permission to reproduce and/or distribute this document in its entirety or portions of this document must contact the IEEE Standards Department for the appropriate license. Use of the information contained in this document is at your own risk.

IEEE Standards Department Copyrights and Permissions 445 Hoes Lane, Piscataway, New Jersey 08855-1331, USA

### **Interpretation Request #107**

**Topic:** pthread\_attr\_init **Relevant Sections:** 16.2.1.2 PASC

1003.1-1996, Section 16.2.1.2 is not clear whether its permissible to reinitialize an already initialized thread attributes object. It would seem clear from the presence of the destroy operation that such an action should result in undefined behavior but needs stating here.

Add “The effect of initializing an already initialized thread attributes object is undefined” (after line 38, page 334)

### **Interpretation Response**

The standard does not speak to this issue, and as such no conformance distinction can be made between alternative implementations based on this. This is being referred to the sponsor.

### **Rationale for Interpretation**

This is an unaddressed issue, which is recommended be addressed in the 1003.1 revision.

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

Apply the change proposed in section 11 to the 1003.1 revision. Forwarded to Interpretations group: 21 May 2000 Proposed resolution: 28 May 2000 Finalised Interpretation: 25 July 2000