

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 #108

Topic: timespec type in sched_param **Relevant Sections:** 13.1 PASC

The description of the sched_ss_repl_period and sched_ss_init_budget members of the sched_param structure are defined as type "timespec". This should be "struct timespec"

Change "timespec" to "struct timespec" for these two lines.

Interpretation Response

The standards states that the sched_ss_repl_period and sched_ss_init_budget members of the sched_param structure should be of type timespec and conforming implementations must conform to this. However, concerns have been raised about this which are being referred to the sponsor.

Rationale for Interpretation

The omission of "struct" prefix to timespec is an error.

Notes to Project Editor (not part of the interpretation)

This should be fixed as in section 11. Forwarded to Interpretations group: 2 June 2000
Proposed resolution: 2 June 2000 Finalized Interpretation: 25 July 2000