

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)

Copyright © 1996 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 #31

Topic: Dynamic Thread Scheduling Parameters Access, Description **Relevant Clauses:** 13.5.2.2

The `pthread_getschedparam` and `pthread_setschedparam` functions are specified to be available only if `{_POSIX_THREAD_PRIORITY_SCHEDULING}`; this is a problem related to the previous issue with Section 13.5.1. According to the intent of the working group, these functions should be available if `{_POSIX_THREADS}`. (However, if the resolution of the previous issue is to make all scheduling functions available only if `{_POSIX_THREAD_PRIORITY_SCHEDULING}`, then this section is correct as-is).

Interpretation Response

This was an informational note only, related to interpretation request #30. No interpretation was requested.

Rationale for Interpretation

None.