

IEEE Standards Interpretation for IEEE Std 1003.1™-2001 IEEE Standard Standard for Information Technology -- Portable Operating System Interface (POSIX®)

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Interpretation Request #69

Topic: pthread_setschedprio priority **Relevant Sections:** XSH pthread_setschedprio
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The standard says pthread_setschedprio() “may fail” if the caller does not have the appropriate permission to set the scheduling policy of the specified thread. Since the interface has nothing to do with scheduling policies, it should be ‘priority’, not ‘scheduling policy’.

Change P1152, L36220-36221 from: The caller does not have the appropriate permission to set the scheduling policy of the specified thread to The caller does not have the appropriate permission to set the priority of the specified thread.

Interpretation Response #69

The standards states the requirements for pthread_setschedprio, and conforming implementations must conform to this. However, concerns have been raised about this which are being referred to the sponsor.

Rationale for Interpretation

None.