

## 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 #63

**Topic:** pthread\_self EINTR **Relevant Sections:** XSH pthread\_self Page: 1147 Line: 36097

The pthread\_self() function shall not return an error code of [EINTR].

This is bogus, because pthread\_self() does not return error codes (errno values), it returns a pthread\_t. This might not be a scalar type, and even if it is, the value of EINTR might be a valid thread ID. The requirements for pthread\_self() regarding errors should be the same as getpid().

Delete line 36097.

On line 36094 replace "Refer to the DESCRIPTION" with "The pthread\_self() function shall always be successful and no return value is reserved to indicate an error".

### Interpretation Response #63

The standards states the requirements for pthread\_self(), 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.

