

N3936: Update POSIX to 2024

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The C standard currently has this in its bibliography:

ISO/IEC 9945-2:1993, *Information technology – Portable Operating System Interface (POSIX) – Part 2: Shell and Utilities*.

There are a number of issues with this:

1. That version of POSIX is from 1993; the most recent release of POSIX is 2024.
2. The reference is to Part 2 only, and the C standard library aims to match POSIX more widely than just in shell and utilities.
3. We have been actively tracking changes in more recent POSIX standards, but we have not updated our bibliography entry to say so. This is inconsistent.

The proposed wording change is to replace the above reference with this:

ISO/IEC/IEEE Std 9945:2026, *Information technology – Portable Operating System Interface (POSIX)*.

The removal of the specific reference to Part 2 is intentional: We actually do want to refer to things in POSIX outside Shell and Utilities e.g. `strftime()`.

1 References

[N3886] Meneide, Working Draft
Working Draft

<https://www.open-std.org/jtc1/sc22/wg14/www/docs/n3886.pdf>