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Issues Pertaining to Referencing Base Standards

Many practical writing issues pertain to referencing, for instance, parts of base standards. This includes not only referencing options, but even the concept of subsetting, or reducing the functionality of a base standard. Also an issue is how to reference multiple versions of the same standard (e.g., two different COBOL standards.)

POSIX SP Procedures and Rules

What does it mean to be a POSIX SP? Rule making for use of the word 'POSIX'' must address criteria for such use. Also, many issues remain to be resolved in the area of ballot procedures. Should IEEE delegate to others the ability to develop POSIX SPs? If so, should IEEE maintain a registry of such efforts?

A.6 Conformance to a POSIX SP

A POSIX SP must address test methods for itself. In the simplest case, testing the base standards referenced is sufficient. In more complex cases, additional test methods will be necessary. In the worst case (if a base standard is subsetted, for example), the test methods for the base standards may have to be rewritten or expanded within the POSIX SP.

At the same time, P1003.3 will have to consider revisions to the *Test Methods for Measuring Conformance to POSIX* to address test methods for POSIX SPs (e.g., additional assertion types, minimum requirements for testing POSIX SPs, . . .)

A.7 Structure of Documentation for POSIX SPs

This clause gives specific format and content requirements to profile writers who are developing POSIX SPs.

A.7.1 Principles

The requirements for content and format of POSIX SPs are based on the following principles:

(1) Profiles shall be directly related to base standards and conformance to profiles shall imply conformance to base standards.

(2) POSIX SPs shall follow the rules for drafting and presentation of POSIX SPs detailed here.

(3) POSIX SPs are intended to be concise documents that do not repeat the text of the base standards.

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