IEEE P1003.0 Draft 13 – September 1991

Copyright © 1991 by the
Institute of Electrical and Electronics Engineers, Inc.
345 East 47th Street
New York, NY 10017, USA
All rights reserved as an unpublished work.

This is an unapproved and unpublished IEEE Standards Draft, subject to change. The publication, distribution, or copying of this draft, as well as all derivative works based on this draft, is expressly prohibited except as set forth below.

Permission is hereby granted for IEEE Standards Committee participants to reproduce this document for purposes of IEEE standardization activities only, and subject to the restrictions contained herein.

Permission is hereby also granted for member bodies and technical committees of ISO and IEC to reproduce this document for purposes of developing a national position, subject to the restrictions contained herein.

Permission is hereby also granted to the preceding entities to make limited copies of this document in an electronic form only for the stated activities.

The following restrictions apply to reproducing or transmitting the document in any form: 1) all copies or portions thereof must identify the document's IEEE project number and draft number, and must be accompanied by this entire notice in a prominent location; 2) no portion of this document may be redistributed in any modified or abridged form without the prior approval of the IEEE Standards Department.

Other entities seeking permission to reproduce this document, or any portion thereof, for standardization or other activities, must contact the IEEE Standards Department for the appropriate license.

Use of information contained in this unapproved draft is at your own risk.

IEEE Standards Department
Copyright and Permissions
445 Hoes Lane, P.O. Box 1331
Piscataway, NJ 08855-1331, USA
+1 (908) 562-3800
+1 (908) 562-1571 [FAX]

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, . . .)

RJG : I thought about adding stuff here from TR 10000, but on second thought it seems that a joint effort between P1003.0 and P1003.3 to develop this material would be more appropriate.

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.

Copyright © 1991 IEEE. All rights reserved.
This is an unapproved IEEE Standards Draft, subject to change.