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Annex E
(inform ative)
Rationale and Notes

This annex summarizes the deliberations of the IEEE P1003.2 Working Group, the committee charged by the IEEE Computer Society's Technical Committee on Operating Systems and Operational Environments with devising an interface standard for a shell and related utilities to support and extend POSIX.1.

The annex is being published along with the standard to assist in the process of review. It contains historical information concerning the contents of the standard and why features were included or discarded by the Working Group. It also contains notes of interest to application programmers on recommended programming practices, emphasizing the consequences of some aspects of the standard that may not be immediately apparent.

Just as this standard relies on the knowledge of architecture, history, and definitions from the POSIX.1, so does this annex. The reader is referred to the Rationale and Notes appendix of POSIX.1 for background material and bibliographic information about UNIX systems in general and POSIX specifically, which will not be duplicated here.

E.1 General

Editor's Note: The text of the Rationale for this section has been temporarily located in Section 1, adjacent to the text it is explaining. The text will return to this annex after the completion of balloting.

E.1.1 Scope

E.1.2 Normative References

E.1.3 Conformance

E.2 Terminology and General Requirements

Editor's Note: The text of the Rationale for this section has been temporarily located in Section 2, adjacent to the text it is explaining. The text will return to this annex after the completion of balloting.

E.2.1 Conventions

E.2.2 Definitions

E.2.3 Built-in Utilities

E.2.4 Character Set

E.2.5 Locale

E.2.6 Environment Variables

E.2.7 Required Files

E.2.8 Regular Expression Notation

E.2.9 Dependencies on Other Standards

E.2.10 Utility Conventions

E.2.11 Utility Description Defaults

E.2.12 File Format Notation