Product Standard

Operating System and Languages:
Commands and Utilities V2

The Open Group

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Operating System and Languages: Commands and Utilities V2

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Product Standard

NAME

Commands and Utilities V2

LABEL FOR LOGO

No label.

DESCRIPTION

This Product Standard provides a command interface to a range of system utilities. It includes conformance to ISO/IEC 9945-2: 1993 (POSIX-2).[1]

It differs from Commands and Utilities in that strict conformance to the CAE Specifications identified below is mandatory.

Conformance to this Product Standard does not require the extensions to the *cc* and *c89* commands identified by the X/Open_UNIX_EXTENSION Feature Group to be supported.

Note that support of this extended functionality is required by certain other Product Standards.

CONFORMANCE REQUIREMENTS

Human-Computer Interface

Commands and Utilities, Issue 4, Version 2[2] and System Interface Definitions, Issue 4, Version 2.[3]

These specifications are technically identical to Commands and Utilities, Issue 4[4] and System Interface Definitions, Issue 4[5], which they supersede, except for the X/Open_UNIX_EXTENSION additions to the *cc* and *c89* commands, which are not required for conformance to this Product Standard.

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1. ISO/IEC 9945-2: 1993, Information Technology — Portable Operating System Interface (POSIX) — Part 2: Shell and Utilities, User Portability Extension (identical to IEEE Std 1003.2-1992).
2. CAE Specification, August 1994, Commands and Utilities, Issue 4, Version 2 (ISBN: 1-85912-034-2, C436).
3. CAE Specification, August 1994, System Interface Definitions, Issue 4, Version 2 (ISBN: 1-85912-036-9, C434), Glyphs contained in Table 4-1, Portable Character Set.
4. CAE Specification, July 1992, Commands and Utilities, Issue 4 (ISBN: 1-872630-48-0, C203).
5. CAE Specification, July 1992, System Interface Definitions, Issue 4 (ISBN: 1-872630-46-4, C204).

Portability Interface

Commands and Utilities, Issue 4, Version 2 and System Interface Definitions, Issue 4, Version 2.

The extensions identified by the X/Open_UNIX_EXTENSION in the *cc* and *c89* commands of Commands and Utilities, Issue 4, Version 2 are not required.

Programming Language Environment

Command Language as defined in the Commands and Utilities, Issue 4, Version 2 and System Interface Definitions, Issue 4, Version 2.

Interoperability

- Data Interchange Formats

  Commands and Utilities, Issue 4, Version 2, *cpio* and extended *tar* archive file formats, *pax* utility.

- Communications Interfaces and Protocols

  None.

OPERATIONAL ENVIRONMENT

Not applicable.

PORTABILITY ENVIRONMENT

Internationalized System Calls and Libraries, Internationalized System Calls and Libraries Extended, or Internationalized System Calls and Libraries Extended V2.

OVERRIDING STANDARDS

ISO/IEC 9945-2:1993 (POSIX-2).

INDICATORS OF COMPLIANCE

A Test Report from a currently authorized release of the VSC4 Test Suite.

MIGRATION

Migration issues from XPG3 are defined in the XPG3-XPG4 Base Migration Guide.[6]

Migration issues from a product registered as conformant to the Commands and Utilities Product Standard are system-dependent, but determined by reference to its Conformance Statement.

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6. Guide, July 1992, XPG3-XPG4 Base Migration Guide (ISBN: 1-872630-49-9, G204).