Product Standard

Systems Management:
Software Administration

The Open Group

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Product Standard

Systems Management: Software Administration

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Product Standard

NAME

Software Administration

LABEL FOR LOGO

No label.

DESCRIPTION

This Product Standard defines a standard set of facilities for the administration of software across distributed systems. The facilities include packaging of software for distribution, distribution of software to systems, installation and configuration of software on systems, and removal of software from systems. It defines a software package layout, and a set of utilities to operate on the package layout and on the software installed from it.

CONFORMANCE REQUIREMENTS

A product registered as conformant to this Product Standard must meet the implementation conformance requirements identified in IEEE Std. 1387.2-1995, Section 1.3.1.1, Conforming POSIX-7.2 Implementation, or those identified in Section 1.3.1.2, Limited Conformance POSIX-7.2 Implementation. The product Conformance Statement must identify whether it is a Conforming POSIX-7.2 or a Limited Conformance POSIX-7.2 implementation. IEEE Std. 1387.2-1995 specifies software structures and layout for software distributions, but it does not specify the use of any particular media and media standards, nor any specific protocols for communication within a distributed system. The product Conformance Statement must therefore identify:

- The media types (for example, ISO 9660 CD-ROM, 3.25" 1.44Mb High Density Flexi-disk) via which the system can receive and transmit software distributions, and if the system is a Conforming POSIX-7.2 implementation:
  - — The complete protocol stacks via which it can communicate with other systems as part of a distributed IEEE Std. 1387.2-1995 system
  - — The systems types (supplier, model, and operating system) with which such interoperability has been tested

Human-Computer Interface

Not applicable.

Portability Interface

IEEE Std. 1387.2-1995.

Programming Language Environment

Command Language as defined in ISO/IEC 9945-2: 1993 (POSIX-2).[1]

Note: Conformance to ISO/IEC 9945-2: 1993 (POSIX-2) is a requirement of the Commands and Utilities V2 and Commands and Utilities V3 Product Standards.

Interoperability

- Data Interchange Formats

  As defined in IEEE Std. 1387.2-1995, Section 5, Software Package Layout.

- Communications Interfaces and Protocols

  None.

OPERATIONAL ENVIRONMENT

Not applicable.

PORTABILITY ENVIRONMENT

None.

OVERRIDING STANDARDS

This Product Standard refers directly to IEEE Std. 1387.2-1995[2] to which it therefore automatically defers.

INDICATORS OF COMPLIANCE

None.

MIGRATION

Not applicable.

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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. IEEE Std. 1387.2: 1995, Information Technology — Portable Operating System Interface (POSIX) System Administration — Part 2: Software Administration.