Product Standard

User Interface:
X Window System Display

The Open Group

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Product Standard

NAME

X Window System Display

LABEL FOR LOGO

No label.

DESCRIPTION

This Product Standard provides user interface display services (as a server) for multiple client applications on a network of processors. It employs the X Protocol and is aligned with X11 Release 4 and X11 Release 5 of the X Window System.

CONFORMANCE REQUIREMENTS

Human-Computer Interface

Not applicable.

Portability Interface

Not applicable.

Programming Language Environment

Not applicable.

Interoperability

- Data Interchange Formats

  Products conforming to the X Window System Display Product Standard shall be able to process font names that follow the conventions defined in the X Window System File Formats and Application Conventions Specification[1], Chapters 8 to 11, X Logical Font Description (XLFD).

  Products conforming to the X Window System Display Product Standard Definition may optionally support the import of fonts generated externally in the format specified in the X Window System File Formats and Application Conventions Specification, Chapter 13, Bitmap Distribution Format (BDF).

1. CAE Specification, August 1991, Window Management: X Window System File Formats and Application Conventions (ISBN: 1-872630-15-4, C170).

- Communications Interfaces and Protocols

  Protocols and services as specified in the X Window System Protocol Specification[2], requirements on servers.

  X Window System File Formats and Application Conventions Specification, Chapters 2 to 7, Inter-client Communications Conventions Manual (ICCCM).

  Support for X Protocol over TCP/IP is mandatory.

  Support for other transport protocols may be declared in the Conformance Statement.

OPERATIONAL ENVIRONMENT

Not applicable.

PORTABILITY ENVIRONMENT

Not applicable.

OVERRIDING STANDARDS

None.

INDICATORS OF COMPLIANCE

A Test Report from a currently authorized release of the VSW5 or VSW5 Lite Test Suite. The test must be performed via an Xlib implementation in a test environment that contains an X Window System Display and an Xlib implementation. The X Protocol driving the display during the test must be carried over an external TCP/IP connection.

MIGRATION

Upwards-compatible from XPG3.

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2. CAE Specification, July 1991, Window Management: X Window System Protocol (ISBN: 1-872630-13-8, C150).