Product Standard

General Interworking:
Sockets

The Open Group

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Product Standard

General Interworking: Sockets

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Product Standard

NAME

Sockets

LABEL FOR LOGO

No label.

DESCRIPTION

This Product Standard provides applications with the sockets interface to the underlying communications system. Note that product registration is only available in association with an Internationalized System Calls and Libraries Extended Portability Environment.

CONFORMANCE REQUIREMENTS

Human-Computer Interface

Not applicable.

Portability Interface

X/Open Networking Services, Issue 4 Specification[1], Chapters 1 and 8 to 11.

Programming Language Environment

C Language. Dialect ISO C. ISO C source programs invoking the services of this Product Standard must be supported by the registered product.

Interoperability

- Data Interchange Formats

  None.

- Communications Interfaces and Protocols

  Products conforming to the Sockets Product Standard shall be available in configurations that support the following socket domains:

  — AF_INET, with at least the SOCK_STREAM and SOCK_DGRAM socket types

1. CAE Specification, August 1994, Networking Services, Issue 4 (ISBN: 1-85912-049-0, C438).

— AF_UNIX, with at least the SOCK_STREAM socket type.

Guidance on the Internet Protocol Suite, required for support of AF_INET domain sockets, may be found in the Guide to the Internet Protocol Suite.[2]

OPERATIONAL ENVIRONMENT

Not applicable.

PORTABILITY ENVIRONMENT

Internationalized System Calls and Libraries Extended.

OVERRIDING STANDARDS

None.

INDICATORS OF COMPLIANCE

A Test Report from a currently authorized release of the VSU4 Sockets Test Suite.

MIGRATION

Not applicable.

2. Guide, April 1991, Guide to the Internet Protocol Suite (ISBN: 1-872630-08-1, G110).