Product Standard

General Interworking:
Directory Access

The Open Group

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Product Standard

General Interworking: Directory Access

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Product Standard

NAME

Directory Access

LABEL FOR LOGO

No label.

DESCRIPTION

This Product Standard provides directory (naming) services to portable applications by providing a programming interface that may be used to access the OSI X.500 Directory and/or vendor-specific name resolution mechanisms.

Naming and directory services are a key element of distributed computing environments and corporate communications strategies.

CONFORMANCE REQUIREMENTS

Human-Computer Interface

Not applicable.

Portability Interface

API to Directory Services (XDS) Specification[1], Section 1.5, Mandatory and Optional Features, which also references the OSI-Abstract-Data Manipulation API (XOM) Specification.[2]

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.

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1. CAE Specification, November 1991, API to Directory Services (XDS) (ISBN: 1-872630-18-9, C190).
2. CAE Specification, November 1991, OSI-Abstract-Data Manipulation API (XOM) (ISBN: 1-872630-17-0, C180).

Interoperability

- Data Interchange Formats

  None.

- Communications Interfaces and Protocols

  This Product Standard is intended to be of use in both proprietary and OSI networks. There is therefore no requirement for registered products to make any particular protocols available. The Conformance Statement must declare the protocols that the product supports.

OPERATIONAL ENVIRONMENT

Not applicable.

PORTABILITY ENVIRONMENT

XPG3 Internationalized System Calls and Libraries, Internationalized System Calls and Libraries, Internationalized System Calls and Libraries Extended, or Internationalized System Calls and Libraries Extended V2.

OVERRIDING STANDARDS

None.

INDICATORS OF COMPLIANCE

None.

The test environment used must consist of two systems communicating using protocol stacks declared in the Conformance Statement.

MIGRATION

Not applicable.