Product Standard

Operating System and Languages:
FORTRAN Language

The Open Group

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Document Number: X98LF

Published in the U.K. by The Open Group, January 1998.

Any comments relating to the material contained in this document may be submitted to:

The Open Group
Apex Plaza
Forbury Road
Reading
Berkshire RG1 1AX
U.K.

Or by email to:

OGSpecs@opengroup.org

Product Standard

NAME

FORTRAN Language

LABEL FOR LOGO

No label.

DESCRIPTION

FORTRAN 77 language definition.

CONFORMANCE REQUIREMENTS

Human-Computer Interface

ISO 1539: 1991 (Fortran).[1]

Portability Interface

ISO 1539: 1991 (Fortran).

Programming Language Environment

Not applicable.

The referenced specification defines the X/Open FORTRAN Language.

Interoperability

- Data Interchange Formats

  None.

- Communications Interfaces and Protocols

  None.

1. ISO/IEC 1539:1991, Information Technology — Programming Languages — Fortran (technically identical to ANSI standard X3.9-1978 [FORTRAN 77]).

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

ISO 1539: 1991 (Fortran).

INDICATORS OF COMPLIANCE

Any of the following:

- Current NIST certificate of FORTRAN language validation.
- Entry on NIST register of validated FORTRAN language processors indicating no non-conformities.
- A current certificate of FORTRAN language validation issued by a member of the GLATC European testing agreement group registered under ECITC.
- A Test Report from a currently authorized release of the NIST FCVS78 Test Suite.

MIGRATION

Identical to XPG3 FORTRAN Language.