

# ***Product Standard***

**Operating System and Languages:  
FORTRAN Language**

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Product Standard

Operating System and Languages: FORTRAN Language

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## **NAME**

FORTRAN Language

## **LABEL FOR LOGO**

No label.

## **DESCRIPTION**

FORTRAN 77 language definition.

## **CONFORMANCE REQUIREMENTS**

### **Human-Computer Interface**

ISO 1539: 1991 (Fortran).<sup>1</sup>

### **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.

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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.