

# ***Product Standard***

## **Operating System and Languages: COBOL Language**

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Product Standard

Operating System and Languages: COBOL Language

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## **NAME**

COBOL Language

## **LABEL FOR LOGO**

No label.

## **DESCRIPTION**

The COBOL Language definition is based on ISO COBOL and includes extensions to support internationalization, to provide facilities for screen handling for interactive applications, and to allow file sharing and locking.

## **CONFORMANCE REQUIREMENTS**

### **Human-Computer Interface**

COBOL Language Specification.<sup>1</sup>

### **Portability Interface**

COBOL Language Specification.

### **Programming Language Environment**

Not applicable.

The referenced specification defines the X/Open COBOL Language.

### **Interoperability**

- Data Interchange Formats  
None.
- Communications Interfaces and Protocols  
None.

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1. CAE Specification, December 1991, COBOL Language (ISBN: 1-872630-09-X, C192).

## **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 1989: 1985 (COBOL).<sup>2</sup>

ISO 1989/Amendment 1: 1992 (COBOL Intrinsic Function Module).<sup>3</sup>

## **INDICATORS OF COMPLIANCE**

Any of the following:

- A current NIST certificate of COBOL language validation, plus a Test Report from a currently authorized release of the X/Open COBOL extensions to the NIST CCVS85 Test Suite.
- An entry on the NIST register of validated COBOL language processors indicating no non-conformities, plus a Test Report from a currently authorized release of the X/Open COBOL extensions to the NIST CCVS85 Test Suite.
- A current certificate of COBOL language validation issued by a member of the GLATC European testing agreement group registered under ECITC, plus a Test Report from a currently authorized release of the X/Open COBOL extensions to the NIST CCVS85 Test Suite.
- A Test Report from a currently authorized release of the NIST CCVS85 Test Suite, including the X/Open COBOL extensions.

Refer to *Test Suites and Test Laboratories* for full details of the COBOL testing requirements.

## **MIGRATION**

Upwards-compatible from the XPG3 COBOL Language Product Standard.

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2. ISO 1989: 1985, Programming Languages — COBOL (technically identical to ANSI standard X3.23-1985).

3. ISO 1989/Amendment 1:1992, Intrinsic Function Module (technically identical to ANSI standard X3.23a-1989).