Product Standard

Operating System and Languages:
COBOL Language

The Open Group

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Product Standard

Operating System and Languages: COBOL Language

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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

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.[1]

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.

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).[2]

ISO 1989/Amendment 1: 1992 (COBOL Intrinsic Function Module).[3]

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).