Product Standard

Operating System and Languages:
COBOL Language

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Product Standard

Operating System and Languages: COBOL Language

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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.

OPERATIONAL ENVIRONMENT
Not applicable.

PORTABILITY ENVIRONMENT

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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