Product Standard

Data Management:
Relational Database

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Product Standard
Data Management: Relational Database
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**Product Standard**

**NAME**
Relational Database

**LABEL FOR LOGO**
No label.

**DESCRIPTION**
This Product Standard provides application program access to a relational database via the Structured Query Language (SQL) embedded in C and/or COBOL. X/Open SQL includes dynamic SQL, and is aligned with ISO/IEC 9075:1992 (SQL).\(^1\) It also includes specifications which allow portability of applications to distributed environments.

**CONFORMANCE REQUIREMENTS**

**Human-Computer Interface**
Not applicable.

**Portability Interface**
The SQL Specification,\(^2\) with any of the following:

- Support for SQL embedded in both ISO and X/Open Common Usage C languages (Embedded C Language support)
- Support for SQL embedded in COBOL language (Embedded COBOL support)
- Embedded C Language support and embedded COBOL Language support

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Programming Language Environment
SQL language as defined in the SQL Specification embedded in C and/or COBOL. C language and/or COBOL source programs invoking the services of this Product Standard must be supported by the registered product.

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

Products conforming to this Product Standard may optionally support the XA interface for integration into a TP system as defined in the XA Specification\(^3\), Resource Manager conformance requirements in a C Language environment.

OPERATIONAL ENVIRONMENT
Not applicable.

PORTABILITY ENVIRONMENT

OVERRIDING STANDARDS

INDICATORS OF COMPLIANCE
A Test Report from a currently authorized release of the NIST/SQL Test Suite Release 5.

MIGRATION
Largely compatible with the XPG3 SQL Product Standard. The differences are identified in Section 1.3, This Edition, of the SQL Specification.

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