

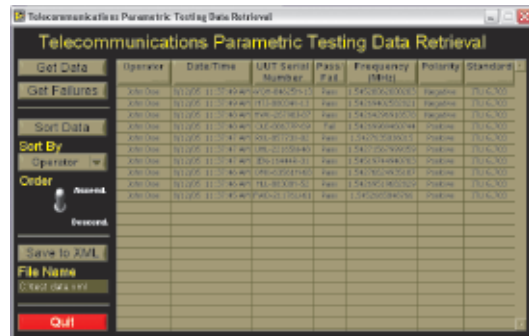
Data Management with LabVIEW

NI LabVIEW Database Connectivity Toolkit

- Direct interaction with local or remote databases
- Connectivity to most popular databases through Microsoft ADO technology
- High-level, easy-to-use functions for common database operations
- Ability to save records in XML format
- Complete SQL functionality
- Advanced functions for detailed accessibility to databases

Operating Systems

- Windows 2000/NT/XP



Overview

The National Instruments LabVIEW Database Connectivity Toolkit contains easy-to-use function libraries for performing database operations within LabVIEW without SQL programming. With this toolkit, engineers and scientists can easily create a framework to manage their test data using records of information. For example, instead of measurement numbers, databases can store complete test results with operator names, test times, and other information in a single record. This feature makes it easier to store and retrieve test information, compare actual results to historical data, document a large series of different tests, and more.

Databases Made Easy

The NI LabVIEW Database Connectivity Toolkit provides powerful, easy-to-use tools for quickly accessing databases. With this toolkit you can:

- Insert and select data from databases
- Create and drop database tables
- List the tables and columns in a database
- Accept or reject multiple database operations (transactions) based on user-defined criteria
- Execute parameterized or immediate structured query language (SQL) statements
- Execute stored procedures in a database
- Select information in a database and save it to a file in XML format

Compatible Databases

The LabVIEW Database Connectivity Toolkit readily connects to popular databases such as Microsoft Access, Microsoft SQL Server, Oracle, dBase, and more. With the LabVIEW Database Connectivity Toolkit, you can access any database for which you have an appropriate ADO-compliant OLE DB provider or ODBC driver.

ActiveX Data Objects (ADO)

Microsoft ActiveX Data Objects (ADO) provide the foundation for the LabVIEW Database Connectivity Toolkit. ADO offers an easy-to-use interface for any OLE DB or ODBC data source and has an ActiveX Automation interface, high-speed performance, and low memory overhead.

The toolkit is also available as a bundle with the LabVIEW Internet Toolkit and the LabVIEW SPC Toolkit in the LabVIEW Enterprise Connectivity Toolkit.

Ordering Information

NI LabVIEW Database Connectivity Toolkit776975-01
NI LabVIEW Enterprise Connectivity Toolkit777871-23

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For complete product specifications, pricing, and accessory information, call 800 813 3693 (U.S. only) or visit ni.com/toolkits.

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