

# Natural for SQL/DS

This documentation describes the functionality and the use of Natural for SQL/DS, which is a Natural interface required to access data in a SQL/DS database.

This documentation is organized under the following headings:

- **General Information** Information such as purpose, special considerations on the various environments supported by Natural for SQL/DS, integration with Software AG's Data Dictionary Predict, incompatibilities and constraints, error messages related to SQL/DS, and terms used in this documentation.
- **Installing Natural for SQL/DS** Installation of the Natural interface to SQL/DS and description of the Natural for SQL/DS parameter module.
- **Accessing an SQL/DS Table** Enable access to an SQL/DS table with a Natural program.
- **Database Management** Maintenance of SQL/DS tables and other SQL/DS objects with the SYSSQL utility; Natural system commands for SQL/DS.
- **Generating Natural Data Definition Modules (DDMs)** Generation of Natural data definition modules (DDMs) by using the **SQL Services** function of the Natural utility SYSDDM.
- **Dynamic and Static SQL Support** Internal handling of dynamic statements, creation and execution of static DB access modules (SQL/DS packages) in the various supported environments, mixed dynamic/static mode.
- **Using Natural Statements and System Variables** Special considerations on Natural native DML statements, Natural SQL statements, Natural system variables, and Natural for SQL/DS error handling.
- **Interface Subprograms** Several Natural and non-Natural subprograms to be used for various purposes.

## Related Documentation

For the various aspects of accessing data in a database with Natural, see also *Accessing Data in a Database* in the *Natural Programming Guide*.

For information on logging SQL statements contained in a Natural program, refer to *DBLOG Trace Screen for SQL Statements* in the *DBLOG Utility* documentation.