Classic Approaches
The Preprocessor Approach (1 / 2)

The Preprocessor Approach (2 / 2)

Two varieties of embedded SQL:
Preprocessor Examples

See the Sample Programs!
The Library Approach

ODBC vs. JDBC

ODBC:

JDBC:
JDBC

Core capabilities:

Some related technologies:

Using JDBC (1 / 4)

1. Establish connection to a data source
(c) Connect to the DBMS

Connection dbConnect = DriverManager.getConnection (
   "jdbc:oracle:thin:@host.foo.bar.com:1234:oracle",
   "username", "password" );

Using JDBC (3 / 4)

2. Send SQL statements to that source
3. Process returned results and messages