

STEP 1: ESTABLISH A CONNECTION

- o Allocate Environment Handle
- o Set ODBC Version
- o Allocate Connection Handle
- o Connect to MySQL server
- o Set Optional Connection Attributes

STEP 2: INITIALIZE THE STATEMENT

- o Allocate Statement Handle
- o Set Optional Statement Attributes

STEP 3: EXECUTE SQL STATEMENT

- o Prepare the SQL statement
- o Execute the SQL statement or execute it directly without prepare

STATEMENT TYPE ?

SELECT/SHOW/Catalog API

DELETE/UPDATE/INSERT

OTHER

STEP 4: FETCH RESULTS

- o Get Number of Columns
- o Get Column information
- o Fetch Rows
- o Get the data to buffers

STEP 4: FETCH RESULTS

- o Get Number of rows affected

STEP 5: TRANSACTION

- o Perform commit or rollback

STEP 6: DISCONNECT

- o Disconnect the connection
- o Free Connection Handle
- o Free Environment Handle