

We have refactored our Connector class so it implements an interface, using Mockito.

The interface contains the following methods:

- A) IDBConnector getInstance ();
- C) public void closeConnection ();
- B)Connection getConnection ();

The interface we subsequently used to make a MockConnector class, where we connect to our test database.

In our test we make an instance of the MockConnector class, and then we run two scripts in the "BeforeClass" method, dropping our tables, inserting our tables and inserting data into the tables, thus always knowing the data in our test Database.

In our AfterClass method, we close the connection to the database. We have a test case that tests if our MockConnector class is not zero to test if we are connected to the database.