

UNIT TESTS WITH TSQLT

tSQLt is a database unit testing framework for Microsoft SQL Server. tSQLt is compatible with SQL Server 2005 (service pack 2 required) and above on all editions.

SUMMARY

<http://tsqlt.org/>

<http://www.pluralsight.com/courses/unit-testing-t-sql-tsqt>



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MAIN IDEA

Isolate each part of the program and show that the individual parts are correct.

Setup

INSTALL EXAMPLE DATABASE

INSTALL PLUGINS

INSTALL TSQLT FRAMEWORK



Quick start

CREATE TEST CLASS

WRITE FIRST UNIT TEST

RUN ALL TESTS

RENAME TEST CLASS

DROP TEST CLASS

Assertions

OBJECT DOES NOT EXISTS

EMPTY TABLE

EQUALS

EQUALS STRING

LIKE

NOT EQUALS

EQUALS TABLE

OBJECT EXISTS

FAIL

RESULT SETS HAVE SAME META DATA

Isolating Dependencies

APPLY CONSTRAINT

APPLY TRIGGER FAKE TABLE

SPY PROCEDURE

FAKE FUNCTION

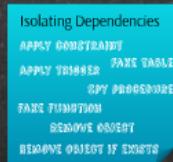
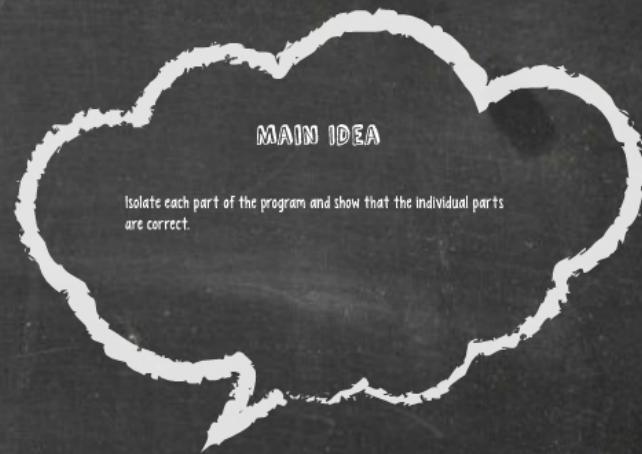
REMOVE OBJECT

REMOVE OBJECT IF EXISTS

Expectations

EXPECT EXCEPTION

EXPECT NO EXCEPTION



SUMMARY



Setup

Quick start

Assertions

Isolating
Dependencies

Expectations

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