Installing and running the example tests

The following example demonstrates how to install the example database and run the example tests.

Installing the example database

To install the example database:

1. In SQL Server Management Studio, on the toolbar, click the SQL Test icon: SQL Test

The SQL Test tab opens:

S	SQL Test 🕘 🗙					
	SQLTest			Help 🔻	redgate	
	· + � 😫					
	Add Database to SQL Test					
2. In 1	the SQL Test tab, click Add Database to SQL	Test.				
3. On	the Add Database to SQL Test dialog box, clic	ck Create sample dat	abase:			
	Create sample database	Add Database	Cancel			

The Welcome to SQL Test dialog box opens:

8	Welcome to SQL Test ×			
SQL Test allows you to create and run SQL unit tests				
Do you want to create an example database to see SQL Test in action?				
Server to create a new database and enable CLR on:				
	~			
	OK Cancel			

4. Select the server you want to install the sample database on, and click OK.

The tSQLt_Example database is installed, and added to the SQL Test window.

Running the example tests

The example tests are listed in the test class AcceleratorTests. To run all the tests in this class, make sure AcceleratorTests is selected, and click >:

SQL Test 🗢 🗙						
SQLTest						
▶ + <a>\$						
ISQLt_Example on tst-michellet2	$^{\sim}$	Test Cla				
AcceleratorTests		INO mess				
 a particle is included only if it fits inside the bounda 		[110 1				
 a particle within the rectangle is returned 						
 a particle within the rectangle is returned with an Id 						
 email is not sent if we detected something other that 						
 email is sent if we detected a higgs-boson 						
 foreign key is not violated if Particle color is in Colc 						
 foreign key violated if Particle color is not in Color t 						
 no particles are in a rectangle when there are no p; 						
 ready for experimentation if 2 particles 						
 status message includes the number of particles 						
 we are not ready for experimentation if there is only 						
🔺 🔹 SQLCop						

For more information about running tests with SQL Test, see Working with tests.

When you've run the tests, you can see that the test ready for experimentation if 2 particles failed (indicated by X):



When a test fails or prints any messages, the messages pane to the right of the interface will display them:

		Help + redgate
	^	Test Class: [tSQLt_Example].[AcceleratorTests] on
∍ bounda		[AcceleratorTests].[test ready for experimentation if 2 particles] failed: (Failure) Expected: <1> but was: <0>
with an Id		
other the		
1		
is in Colc		

Fixing the failing example test

For more information about how can you fix the failing example test and start creating your own unit tests, see After Running the Examples (tSQLt documentation).