Auto Generate Stored Procedure Tests

Takes trace file containing stored procedure calls generated by application usage, and builds automated tests to report on runtime and output.

This allows for sanity checks on modified stored procedures to ensure they are returning the same results as the old versions, and not performing markedly slower.

Application Usage

SQL Server Profiler to catch Stored Procedure Calls

Trace Table

...

...

Parse [TextData]

Test Table

SP Name

[Parameter 1 Name]

[Parameter 1 Value]

[Parameter 2 Name]

...

Alt SP Name Tag
(Runs new copy of proc)

Generate and Run Test Calls

Test Results Table

FK Test Table

Test Output

Runtime

...

Test Results Report