

Controlling Test Execution



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Overview



Preventing tests from running

Organizing tests into categories

- Running categories in Test Explorer
- Running categories at the command line

An overview of the test execution lifecycle

Run setup code before each test executes

Run clean up code after each test executes

Run setup code before the first test in a test class executes

Run clean up code after the last test in a test class executes



An Overview of the Test Execution Lifecycle



Test class

ctor

Test 1

Test 2

Dispose

One instance per test run

If IDisposable is implemented



Test class

ctor

One-time setup

Setup

Test 1

Tear down

Setup

Test 2

Tear down

One-time tear down

Dispose

One instance per test run

Initialize data/environment/files, etc.

Reset data, create sut, etc.

Clean up data, dispose of sut, etc.

Clean data/environment/files etc.

If IDisposable is implemented



Summary



[Ignore]

[Category]

An overview of the test execution lifecycle

[SetUp]

[TearDown]

[OneTimeSetUp]

[OneTimeTearDown]



Up Next:

Creating Data Driven Tests and
Reducing Test Code Duplication

