

Understanding and Controlling Test Execution



Jason Roberts

.NET MVP

@robertsjason dontcodetired.com



Overview



Categorizing tests

Running subsets of tests

Skipping test execution

Writing custom test output messages

Reducing duplicated Arrange phase code

Cleaning up after each test executes

Sharing context between tests during execution

Sharing context across multiple test classes



Summary



```
[Trait("Category", "Boss")]
```

```
dotnet test --filter Category=Boss
```

```
[Fact(Skip = "Don't need to run this")]
```

```
ITestOutputHelper output
```

```
Reducing duplicated Arrange phase code
```

```
IDisposable
```

```
IClassFixture<GameStateFixture>
```

```
[CollectionDefinition(...)]
```

```
ICollectionFixture<GameStateFixture>
```

```
[Collection("GameState collection")]
```



Next:

Creating Data-driven Tests

