

# Advanced JUnit

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<http://simpleprogrammer.com>

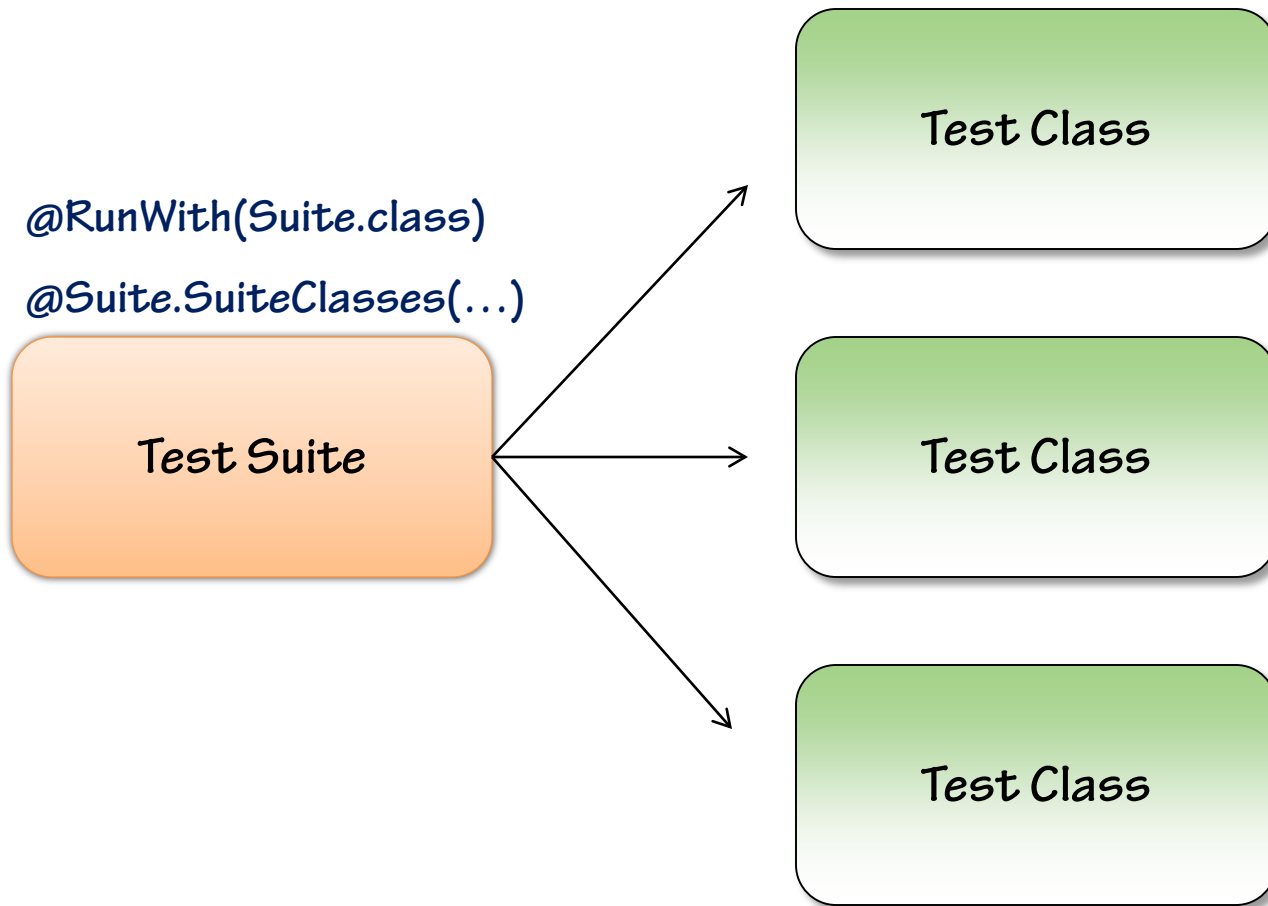






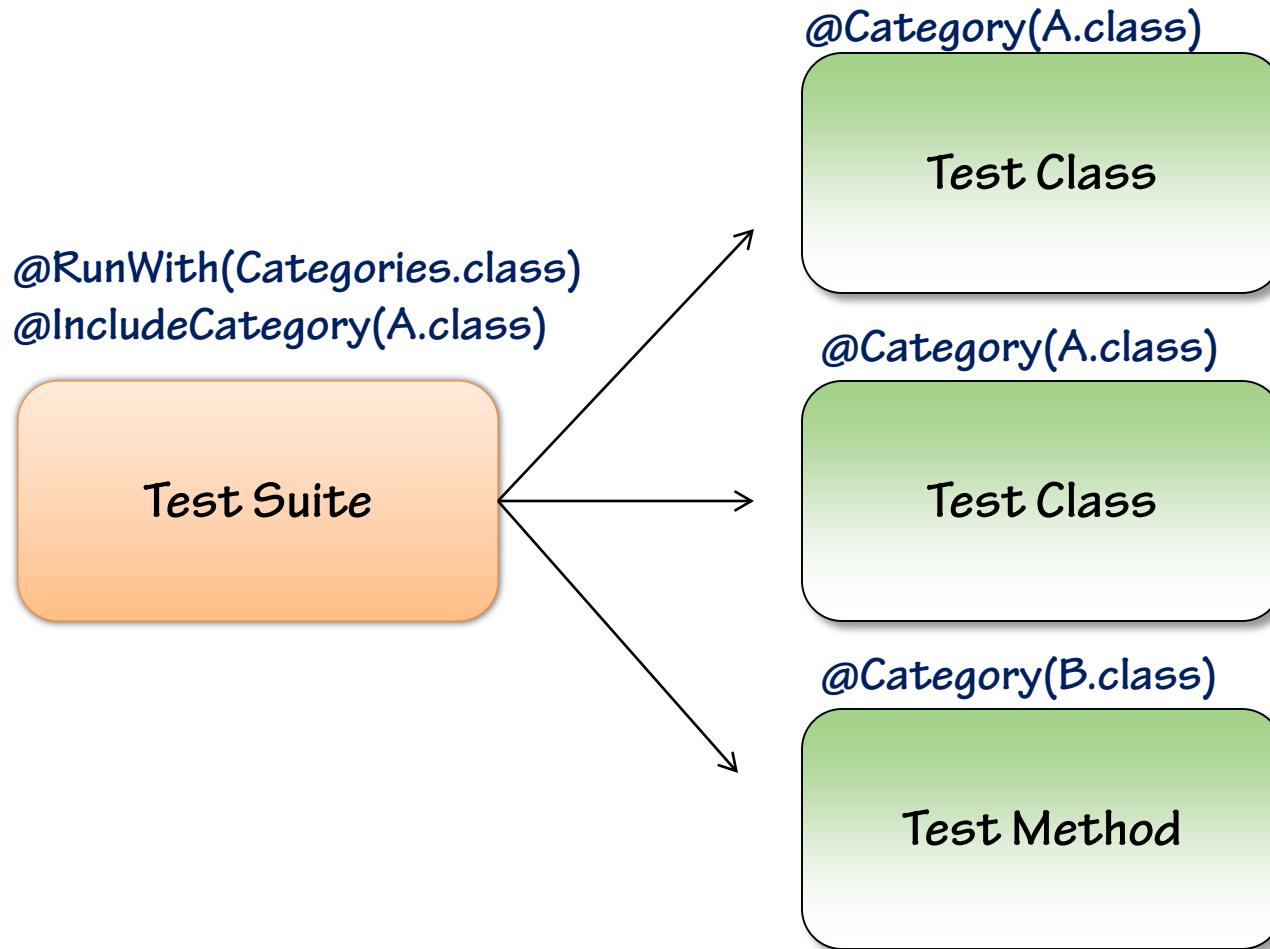


# Test Suites

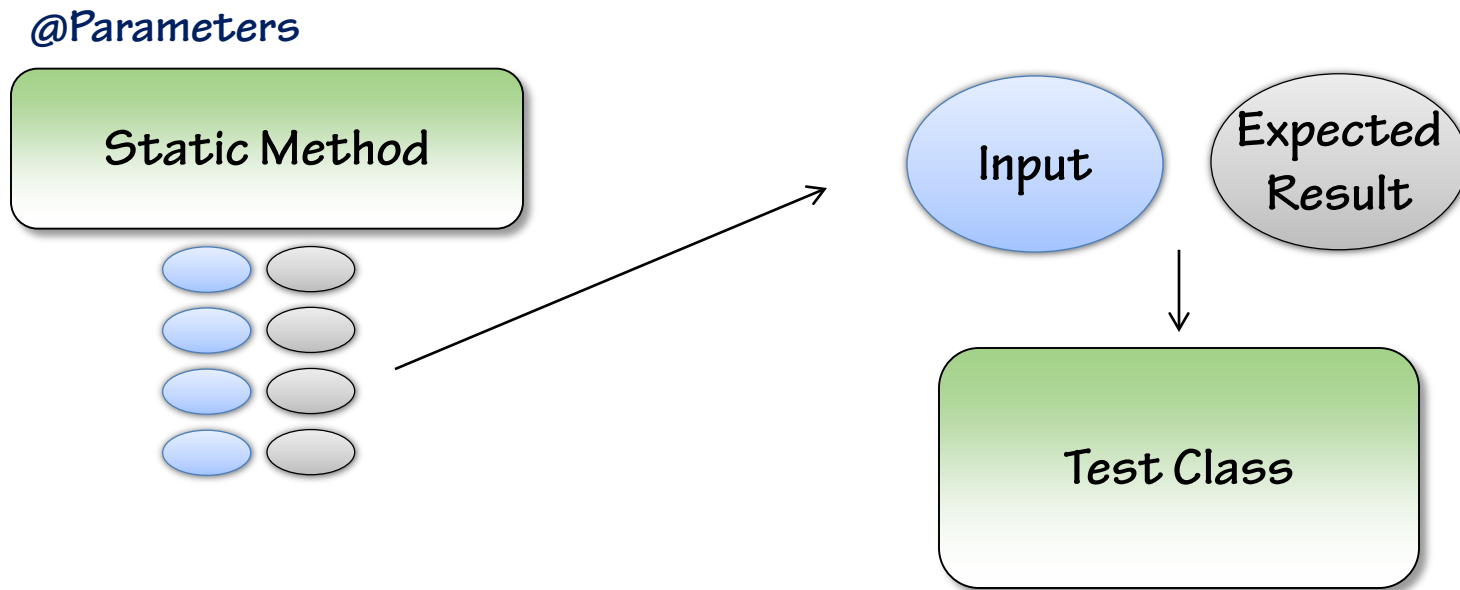


*Test suites are sweet!*

# Categories



# Parameterized Tests



*Now you don't need 50 tests to test all your data!*

# Advanced Assertions

Is

HasItem

ContainsString

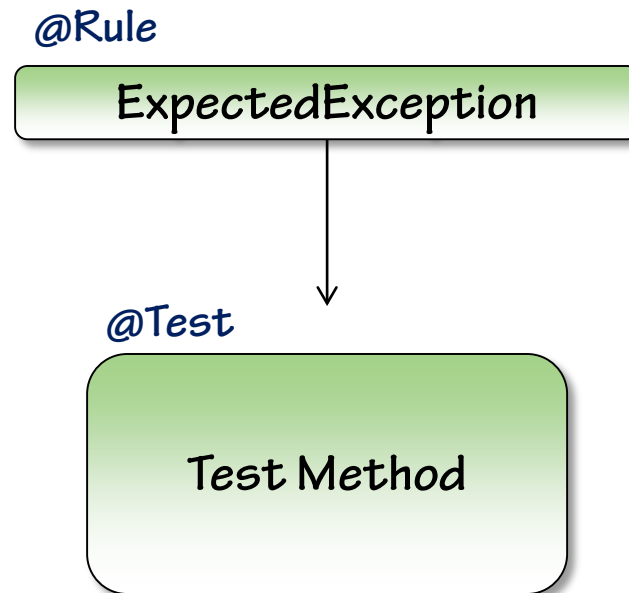
IsNull

AllOf

*AssertThat([value], [matcher statement])*

The diagram illustrates the usage of advanced assertions. On the left, the `AssertThat` method signature is shown: `AssertThat([value], [matcher statement])`. An arrow points from the `[matcher statement]` parameter to a vertical list of five matchers on the right: `Is`, `HasItem`, `ContainsString`, `IsNull`, and `AllOf`. Each matcher is enclosed in a green rectangular box with a gradient and a black border.

# Advanced Exception Testing



# Rules

- TemporaryFolder
- ExternalResource
- ErrorCollector
- Verifier
- TestWatcher
- TestName
- Timeout
- ExpectedException
- RuleChain

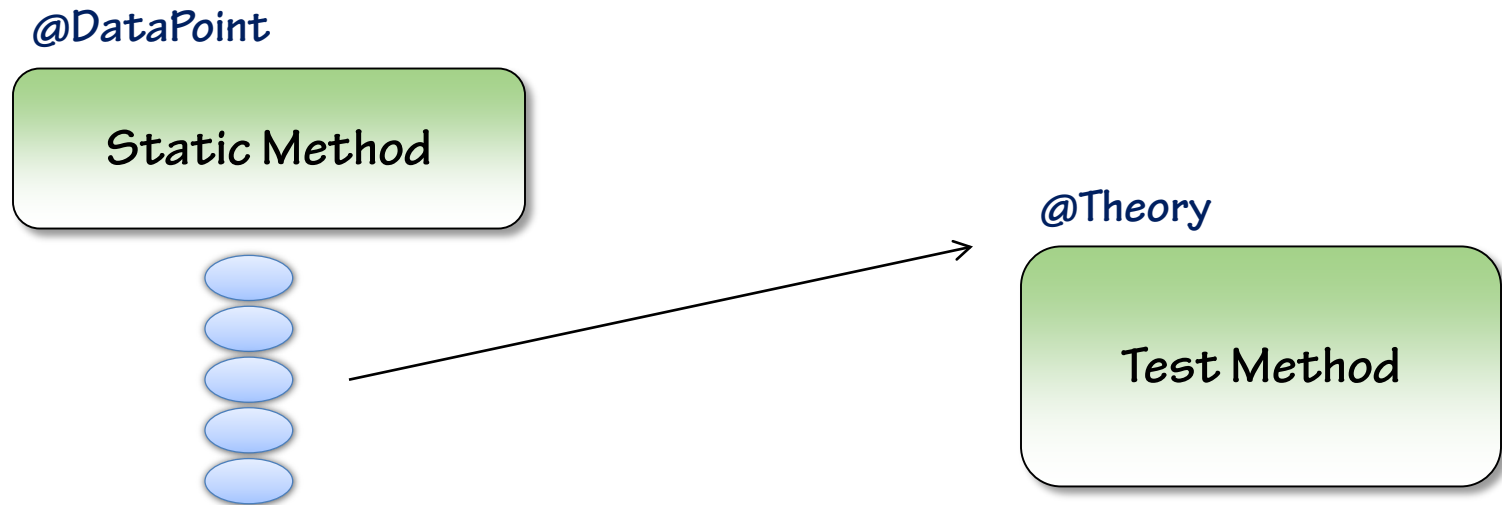
@ClassRule



*Rules let you extend the functionality of JUnit*

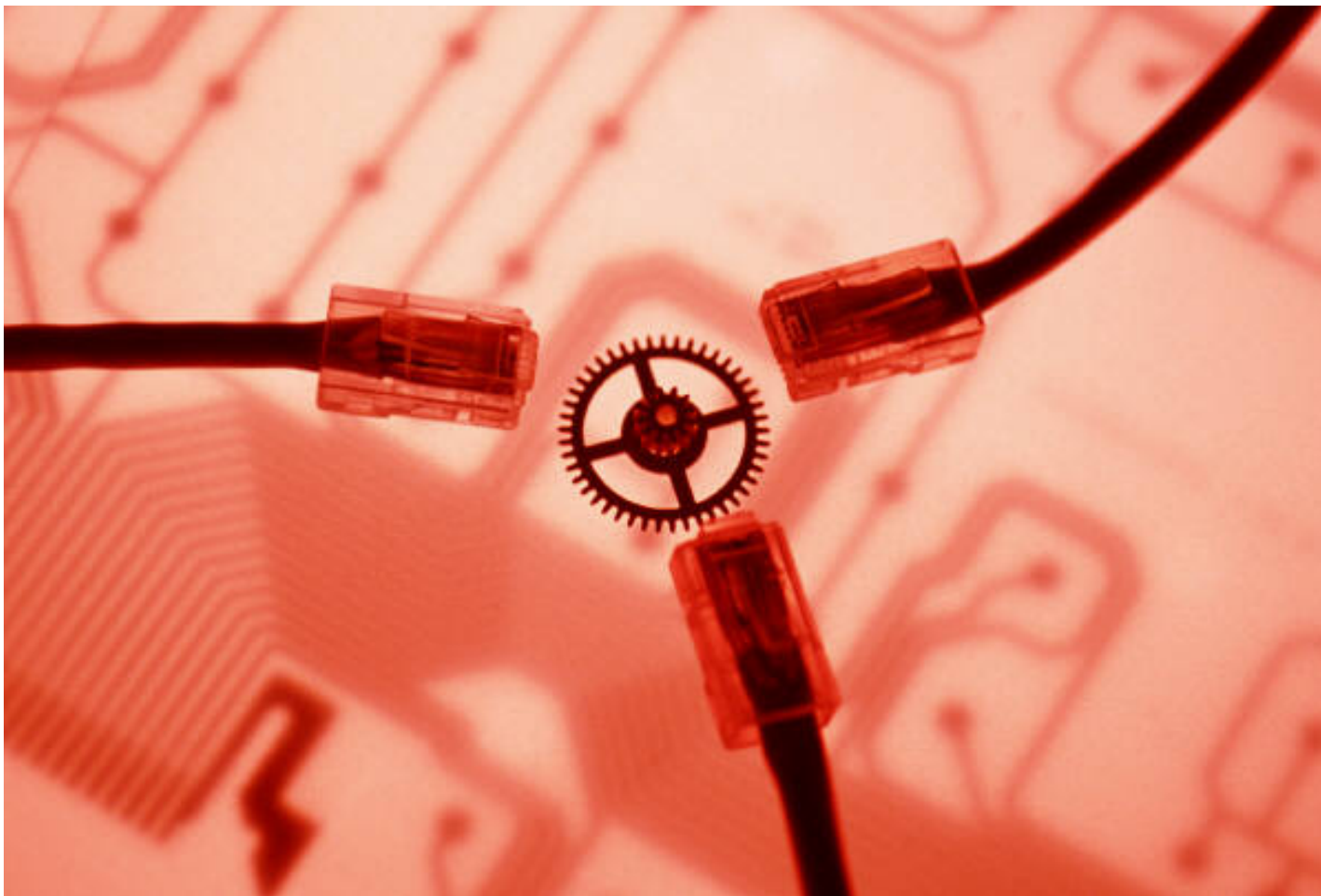


# Theories



*Until it is proven, it is just a theory*

# Up Next



*We'll learn how to integrate JUnit with your build system and more*