Working With Assertions

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Agenda

- Understanding Assertions in ScalaTest

- Writing Tests with *assert*

- Writing Tests with *assertResult*

- Writing Tests with *assertThrows*

- *Failing* the Tests Unconditionally

- *Canceling* a Test If Precondition Not Met
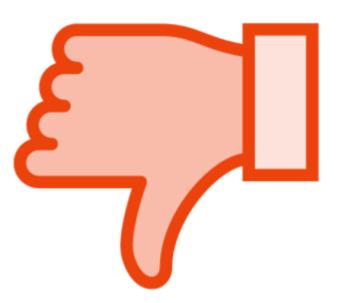
- *Adding Information* to Tests Failures

Understanding *assert* in ScalaTest

assert
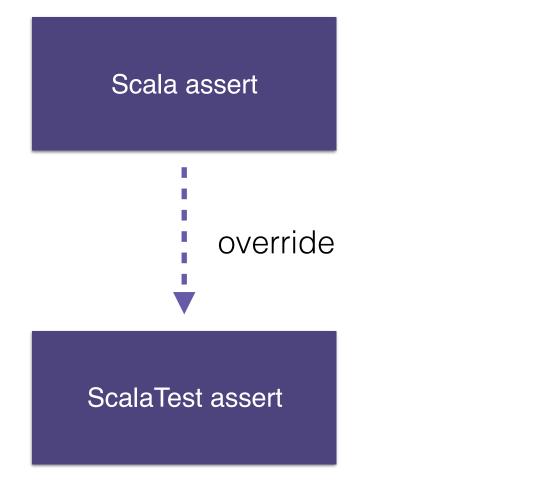
to demonstrate the existence of

Expected

Actual

```scala
final def assert(assertion: Boolean, message: => Any): Unit
// Tests an expression, throwing an AssertionError if false.


def assert(assertion: Boolean): Unit
// Tests an expression, throwing an AssertionError if false.
```

Predef.scala

assert already exists in Scala

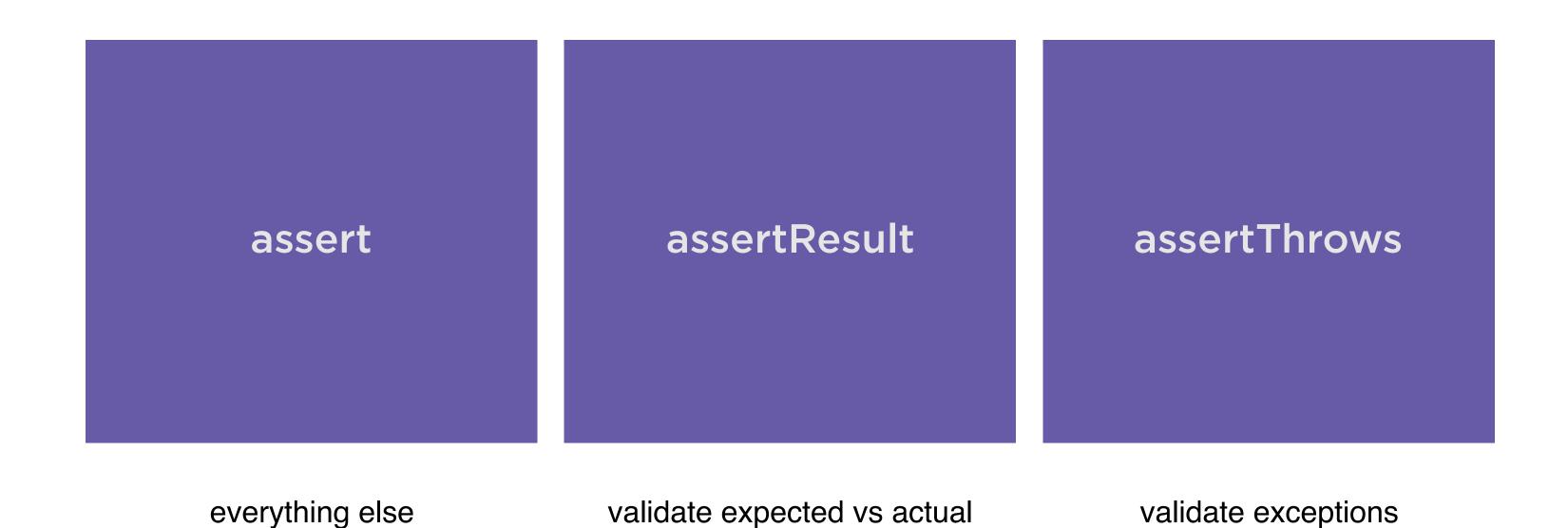# ScalaTest *assert*

Scala assert

override

ScalaTest assert

false   AssertionError

false   TestFailedException

ScalaTest *assert* Variants

assert	assertResult	assertThrows
everything else	validate expected vs actual	validate exceptions

Summary

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