

Generating Data Through Fixtures and Asynchronous Testing



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Agenda

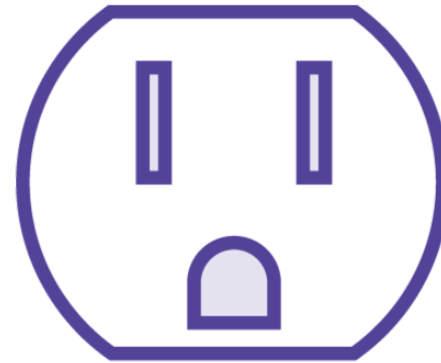
- Understanding Fixtures
- Working with *Fixture* object
- Working with *Fixture Context* object
- Working with *Loan Fixture* method
- Working with *withFixture* method
- Working with *BeforeAndAfter*
- Working with *BeforeAllAndAfterAll*
- Running your tests asynchronously

Fixtures

Fixtures



File



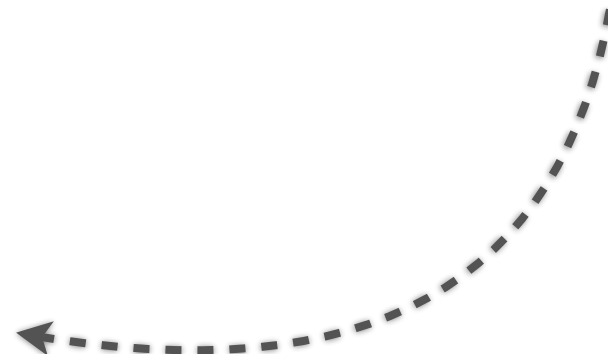
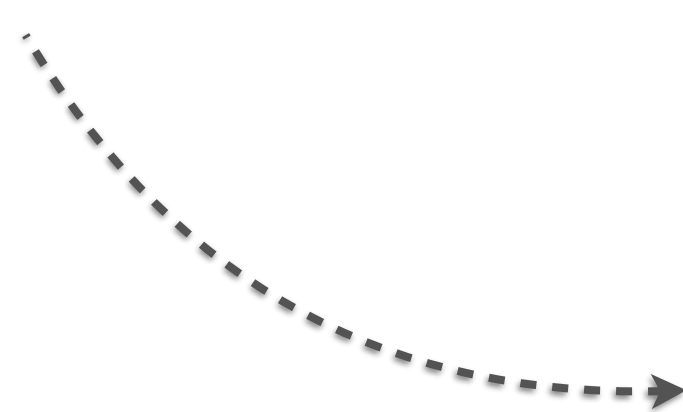
Socket



Database



Test



Fixture

fixture

test

fixture

test

fixture

test

fixture

test

| | |
|----------------|--|
| Scala | Fixture Object |
| | Fixture Context Object |
| | Loan Fixture Object |
| FlatSpec Style | withFixtureNoArg |
| | withFixtureOneArg |
| BeforeAndAfter | Before and After every test |
| | Before all tests Start and after tests end |

| Fixture Type | Cleanup At End? | Test Share Data? | Same Side Effects Performed? |
|-----------------|-----------------|------------------|------------------------------|
| Fixture Method | No | Yes | |
| Fixture Context | No | No | |
| Loan Fixture | Yes | No | |
| withFixture | Yes | | Yes |
| BeforeAndAfter | | | Yes |

Summary

- Understanding Fixtures
- Working with *Fixture* object
- Working with *Fixture Context* object
- Working with *Loan Fixture* method
- Working with *withFixture* method
- Working with *BeforeAndAfter*
- Working with *BeforeAllAndAfterAll*
- Running your tests asynchronously