## Cheatography

### PowerMock Cheat Sheet by Ranjit via cheatography.com/24540/cs/6097/

#### Annotations

Run the test using PowerMockito

@RunWith(PowerMockRunner.class)

Prepare to test static methods of a class

@PrepareForTest(StaticClass.class)

#### Mocks

Create a mock

PowerMockito.mock(ClassToMock.class)

Do nothing when a method is called

PowerMockito.doNothing().when(mock).someMethod()

Return this value when a method is called

PowerMockito.when(mock.someMethod()).thenReturn(value)

Return this value when a method is called with any arg of type String

PowerMockito.when(mock.someMethod(any(String.class)).

thenReturn(value)

#### Verify

Method was called on mock once

Mockito.verify(mock).someMethod()

Method was called at least n times

Mockito.verify(mock, times(n)).someMethod()

Method was never called

Mockito.verify(mock, never()).someMethod()

Method was called atleast, atmost n times

Mockito.verify(mock, atLeastOnce()).someMethod()

Mockito.verify(mock, atLeast(n)).someMethod()

Mockito.verify(mock, atMost(n)).someMethod()

# С

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Statics

Mock all static methods of a class

PowerMockito.mockStatic(ClassWithStatics.class)

Do nothing when static method is called

PowerMockito.doNothing().when(ClassWithStatics.class)

Prepare to verify

PowerMockito.verifyStatic()

#### Private

Do nothing when a private method is called

PowerMockito.doNothing().when(obj, "privateMethod",

param1, param2)

Return some value when a private method is called

PowerMockito.when(obj, "privateMethod", param1,

param2).thenReturn(value)

Verify that a private method was called

PowerMockito.verifyPrivate(obj).invoke("privateMethod"

, new Object[] { param1, param2 });

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