Cheatography

# PowerMock Cheat Sheet

by Ranjit via cheatography.com/24540/cs/6097/

## Annotations

Run the test using PowerMockito

```
@RunWi th( Pow erM ock Run ner.class)
```

Prepare to test static methods of a class

```
@Prepa reF orT est (St ati cCl ass.class)
```

## Mocks

Create a mock

```
PowerM ock ito.mo ck( Cla ssT oMo ck.c lass)
```

Do nothing when a method is called

```
PowerM ock ito.do Not hin g().wh en( moc k).s om eMe thod()
```

Return this value when a method is called

```
PowerM ock ito.wh en( moc k.s ome Met hod ()).th enR etu rn(value)
```

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

```
PowerM ock ito.wh en( moc k.s ome Met hod (an y(S tri ng.c lass) ).t
hen Ret urn (value)
```

## Verify

Method was called on mock once

```
Mockit o.v eri fy( moc k).s om eMe thod()
```

Method was called at least n times

```
Mockit o.v eri fy( mock, times( n)).so meM ethod()
```

Method was never called

```
Mockit o.v eri fy( mock, never( )).s om eMe thod()
```

Method was called atleast, atmost n times

```
Mockit o.v eri fy( mock, atLeas tOn ce( )).s om eMe
 thod()
Mockit o.v eri fy( mock, atLeas t(n )).s om eMe tho
d()
Mockit o.v eri fy( mock, atMost (n) ).s ome Met hod
()
```

## Statics

Mock all static methods of a class

```
PowerM ock ito.mo ckS tat ic( Cla ssW ith Sta tic s.c
 lass)
```

Do nothing when static method is called

```
PowerM ock ito.do Not hin g().wh en( Cla ssW ith Sta
tic s.c lass)
```

Prepare to verify

```
PowerM ock ito.ve rif ySt atic()
```

## Private

Do nothing when a private method is called

```
PowerM ock ito.do Not hin g().wh en(obj, " pri vat eM
```

Return some value when a private method is called

```
PowerM ock ito.wh en(obj, " pri vat eMe tho d", para
```

Verify that a private method was called

```
PowerM ock ito.ve rif yPr iva te( obj ).i nvo ke( " p
am1, param2 });
```

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Published 15th November, 2015.

Last updated 13th May, 2016.

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