



FREE eBook

LEARNING spock

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#spock

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About

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Chapter 1: Getting started with spock

Remarks

Spock is a testing and specification framework for Java and Groovy applications. It uses an expressive specification language.

A developer, usually a [Java](#) developer using [groovy](#), may use Spock as specification driven checking (testing) framework. A tester may use Spock to write functional checks of software package allowing the full power of [groovy](#).

It basically allows you to write specifications that describe expected features.

Versions

Version	Release Date
1.1 rc 3	2016-11-03
1.0	2016-03-02

Examples

Installation or Setup

Spock framework information can be found at the [Spock](#) website.

There are basically three ways to use Spock in Groovy

1. as a dependency using the Grape dependency manager :

Add the following to your groovy script.

```
@Grab(group='org.spockframework', module='spock-core', version='1.1-groovy-2.4.1')
```

or in shorthand

```
@Grab('org.spockframework:spock-core:1.1-groovy-2.4.1')
```

2. as a maven dependency using the Gradle build tool (build.gradle)

Add the following dependency to the build.gradle file under dependencies

```
...  
dependencies {
```

```
// mandatory dependencies for using Spock
compile "org.codehaus.groovy:groovy-all:2.4.1"
testCompile "org.spockframework:spock-core:1.0-groovy-2.4"
}
...
```

3. Adding the spock-core library to your lib path

Adding the spock-core-1.0-groovy-2.4.jar to a location in your [classpath](#) where groovy can find it. and last but not least you need to import the library so that it can be used in your groovy script

```
import spock.lang.*
```

After you installed spock then try one of the hello world examples.

"Hello World" using when and then or expect

```
import spock.lang.*

class HelloWorldSpec extends Specification {

    @Shared message = 'Hello world!'

    def "The world can say hello using when and then"() {
        when:
            def newMessage = message
        then:
            newMessage == 'Hello world!'
    }

    def "The world can say hello using expect"(){
        expect:
            message == 'Hello world!'
    }
}
```

Read [Getting started with spock online](https://riptutorial.com/spock/topic/5431/getting-started-with-spock): <https://riptutorial.com/spock/topic/5431/getting-started-with-spock>

Credits

S. No	Chapters	Contributors
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