Spock Test

```xml
<?xml version="1.0" encoding="UTF-8"?>
<project xmlns="http://maven.apache.org/POM/4.0.0"
      xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">
   <modelVersion>4.0.0</modelVersion>

   <groupId>guru.springframework</groupId>
   <artifactId>mb2g-testing</artifactId>
   <version>1.0-SNAPSHOT</version>

   <properties>
      <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
      <project.reporting.outputEncoding>UTF-8</project.reporting.outputEncoding>
      <java.version>11</java.version>
      <maven.compiler.source>${java.version}</maven.compiler.source>
      <maven.compiler.target>${java.version}</maven.compiler.target>
   </properties>

   <dependencies>
      <dependency>
         <groupId>org.codehaus.groovy</groupId>
         <artifactId>groovy-all</artifactId>
         <version>3.0.8</version>
         <type>pom</type>
      </dependency>
      <dependency>
         <groupId>junit</groupId>
         <artifactId>junit</artifactId>
         <version>4.12</version>
         <scope>test</scope>
      </dependency>
      <dependency>
         <groupId>org.spockframework</groupId>
         <artifactId>spock-core</artifactId>
         <version>2.0-M5-groovy-3.0</version>
         <scope>test</scope>
      </dependency>

   </dependencies>

   <build>
      <plugins>
```

```xml
        <plugin>
            <artifactId>maven-compiler-plugin</artifactId>
            <version>3.8.0</version><!-- 3.1 is the minimum -->
            <configuration>
                <compilerId>groovy-eclipse-compiler</compilerId>
                <compilerArguments>
                    <indy/><!-- optional; supported by batch 2.4.12-04+ -->
                    <configScript>config.groovy</configScript><!-- optional; supported by batch 2.4.13-02+ -->
                </compilerArguments>
            </configuration>
            <dependencies>
                <dependency>
                    <groupId>org.codehaus.groovy</groupId>
                    <artifactId>groovy-eclipse-compiler</artifactId>
                    <version>3.7.0</version>
                </dependency>
                <dependency>
                    <groupId>org.codehaus.groovy</groupId>
                    <artifactId>groovy-eclipse-batch</artifactId>
                    <version>3.0.8-01</version>
                </dependency>
            </dependencies>
        </plugin>
        <plugin>
            <groupId>org.apache.maven.plugins</groupId>
            <artifactId>maven-surefire-plugin</artifactId>
            <version>2.22.0</version>
            <configuration>
                <argLine>
                    --illegal-access=permit
                </argLine>
            </configuration>
        </plugin>
    </plugins>
</build>

</project>
```

We can write test using Spock

It is a .groovy file.

```groovy
package guru.springframework

import spock.lang.Specification
```

```
/**
 * Created by jt on 2018-12-12.
 */
class JavaHelloWorldSpecTest extends Specification {

    def "GetHello"() {

        when:
        def foo = "123"

        then:
        true
    }
}
```

It needs groovy plugins to compile.

We are doing bdd, we are saying when called foo = "123" then I am saying evaluate to true.