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jBehave and jUnit for BDD

Posted on [May 16, 2015](#) by [Arulkumaran Kumaraswamipillai](#)

This extends the jBehave — [Behavioural Driven Development \(BDD\) Q&A](#) to use the same example with **jUnit testing**.

Step 1: Make sure that you have both jUnit and jBehave in your pom.xml file.

```

1
2 <dependency>
3   <groupId>org.jbehave</groupId>
4   <artifactId>jbehave-core</artifactId>
5   <version>3.8</version>
6 </dependency>
7
8 <dependency>
9   <groupId>junit</groupId>
10  <artifactId>junit</artifactId>
11  <version>4.10</version>
12  <scope>test</scope>
13 </dependency>
14
15
```

Step 2: Refer to Behavioural Driven Development (BDD) for all the jBehave implementation.

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Step 3: The jUnit class with jBehave. It extends the **JUnitStories** class.

```

1
2 package com.mycompany.jbehave;
3
4 import java.util.Arrays;
5 import java.util.List;
6
7 import org.jbehave.core.junit.JUnitStories;
8
9 public class JBehaveUnitTest extends JUnitStories
10 {
11
12     public JBehaveUnitTest()
13     {
14         super();
15         this.configuredEmbedder().candidateSteps
16     }
17
18     @Override
19     protected List<string>> storyPaths()
20     {
21         return Arrays.asList("jbehave/math.story
22     }
23 }
24
25
26
27

```

Step 4: You can run the above class as jUnit, but won't give you enough info and not very user friendly. This is where the jBehave jUnit extension becomes very handy. This can be added to your maven pom.xml file as shown below.

```

1
2 <dependency>
3   <groupId>de.codecentric</groupId>
4   <artifactId>jbehave-junit-runner</artifactId>
5   <version>1.0.2</version>
6 </dependency>
7

```

Step 5: Now, the revised jUnit test class from Step 3.

```

1
2 package com.mycompany.jbehave;
3
4 import de.codecentric.jbehave.junit.monitoring.J
5
6 import java.util.Arrays;
7 import java.util.List;
8

```

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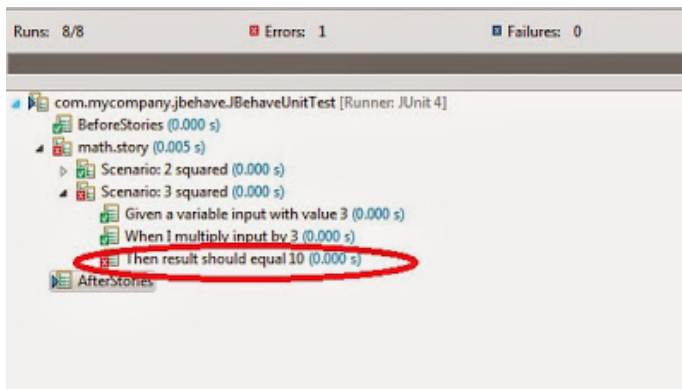
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```

9 import org.jbehave.core.junit.JUnitStories;
10 import org.jbehave.core.steps.InjectableStepsFac
11 import org.jbehave.core.steps.InstanceStepsFacto
12 import org.junit.runner.RunWith;
13
14 @RunWith(JUnitReportingRunner.class)
15 public class JBehaveUnitTest extends JUnitStorie
16 {
17
18     public JBehaveUnitTest()
19     {
20         super();
21     }
22
23     public InjectableStepsFactory stepsFactory()
24     {
25         return new InstanceStepsFactory(configur
26     }
27
28     @Override
29     protected List<String> storyPaths()
30     {
31         return Arrays.asList("jbehave/math.story
32     }
33
34 }
35

```

Step 6: Running it as jUnit within eclipse looks like.



Communication is the key to jBehave as the scenarios are written in simple English that business and developers can work together.

Think about **Given** → **When** → **Then**.

In the next post let's look at a more complex example with tabular data. The story file will have a tabular data.

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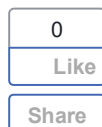
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