**CUCUMBER JVM INSTALLATION MANUAL:**

**Components:**

Eclipse JUNO IDE

Maven

Cucumber-JVM

Junit

Have Eclipse IDE latest : say JUNO

Add

plugin :m2e releases repository - <http://download.eclipse.org/technology/m2e/releases>

Create a new maven project:

A quick start archtype.

open pom.xml

Add the following cucumber dependencies:

<dependencies>

<dependency>

<groupId>info.cukes</groupId>

<artifactId>cucumber-picocontainer</artifactId>

<version>1.1.5</version>

<scope>test</scope>

</dependency>

<dependency>

<groupId>info.cukes</groupId>

<artifactId>cucumber-junit</artifactId>

<version>1.1.5</version>

<scope>test</scope>

</dependency>

<dependency>

<groupId>junit</groupId>

<artifactId>junit</artifactId>

<version>4.11</version>

<scope>test</scope>

</dependency>

</dependencies>

Search for dependencies and add them through maven pom viewer.

Create a Junit test :

**package** com.tcs.bdd;

**import** cucumber.api.CucumberOptions;

**import** cucumber.api.junit.\*;

**import** org.junit.runner.RunWith;

@RunWith(Cucumber.**class**)

@CucumberOptions(

format={"pretty","html:target/cucmber"},

features={"C:\\MyHome\\EclipseWrkSpace\\NewTest\\src\\test\\resources"}

)

**public** **class** CukesRunner {

}

Create the corresponding Feature file:

Feature: ValetParking

As a traveler

In order to determine where to park my car

I want to know the cost of valet parking

Scenario: Calculate valet parking cost for half an hour

When I park my car in the valet parking lot for 30 minutes

Then I have to pay $12

RUN THE CLASS AS JUNIT TEST:

And, you will get a result like below, asking to generate step definition:

Feature: ValetParking

As a traveler

In order to determine where to park my car

I want to know the cost of valet parking

Scenario: Calculate valet parking cost for half an hour \_[90m# ValetParking.feature:6\_[0m

\_[33mWhen \_[0m\_[33mI park my car in the valet parking lot for 30 minutes\_[0m

\_[33mThen \_[0m\_[33mI have to pay $12\_[0m

1 Scenarios (\_[33m1 undefined\_[0m)

2 Steps (\_[33m2 undefined\_[0m)

0m0.000s

You can implement missing steps with the snippets below:

@When("^I park my car in the valet parking lot for (\\d+) minutes$")

public void I\_park\_my\_car\_in\_the\_valet\_parking\_lot\_for\_minutes(int arg1) throws Throwable {

// Express the Regexp above with the code you wish you had

throw new PendingException();

}

@Then("^I have to pay \\$(\\d+)$")

public void I\_have\_to\_pay\_$(int arg1) throws Throwable {

// Express the Regexp above with the code you wish you had

throw new PendingException();

}

**Eclipse Plugin:**

<http://cucumber.github.com/cucumber-eclipse/update-site>

