## Tagged Hooks



This section will guide you to understand :

* What is a tagged hook in Cucumber
* How a tagged hook works in Cucumber

**Development Environment:**

* JRE: OpenJDK Runtime Environment 11.0.2
* Eclipse IDE for Enterprise Java Developers v2019-03 (4.11.0)
* TestNG
* Selenium jars
* Cucumber jars

## Tagged Hooks in Cucumber

* Tagged Hooks are used where you need to perform different tasks before and after scenarios.
* The first step is to annotate the required scenarios using ***@ + AnyName*** at the top of the Scenario. For this example, you just annotate each scenario with the sequence order of it, like ***@First, @Second & @Third***.

FEATURE FILE

Feature: Test Tagged Hooks

@First

Scenario: This is First Scenario

Given **this** is the first step

When **this** is the second step

Then **this** is the third step

@Second

Scenario: This is Second Scenario

Given **this** is the first step

When **this** is the second step

Then **this** is the third step

@Third

Scenario: This is Third Scenario

Given **this** is the first step

When **this** is the second step

Then **this** is the third step

Create a step definition file and print the execution order of the steps in the console.

STEP DEFINITION

**public** **class** Hooks\_Steps {

@Given("^this is the first step$")

**public** **void** This\_Is\_The\_First\_Step(){

System.***out***.println("This is the first step");

}

@When("^this is the second step$")

**public** **void** This\_Is\_The\_Second\_Step(){

System.***out***.println("This is the second step");

}

@Then("^this is the third step$")

**public** **void** This\_Is\_The\_Third\_Step(){

System.***out***.println("This is the third step");

}

}

Given **this** is the first step

When **this** is the second step

Then **this** is the third step

Define *tagged hooks* in Hooks class file. Hooks can be used like ***@Before(“@TagName”)***. Create before and after hooks for every scenario.

HOOKS

**public** **class** Hooks {

@Before

**public** **void** beforeScenario(){

System.***out***.println("This will run before the every Scenario");

}

@After

**public** **void** afterScenario(){

System.***out***.println("This will run after the every Scenario");

}

@Before("@First")

**public** **void** beforeFirst(){

System.***out***.println("This will run only before the First Scenario");

}

@Before("@Second")

**public** **void** beforeSecond(){

System.***out***.println("This will run only before the Second Scenario");

}

@Before("@Third")

**public** **void** beforeThird(){

System.***out***.println("This will run only before the Third Scenario");

}

@After("@First")

**public** **void** afterFirst(){

System.***out***.println("This will run only after the First Scenario");

}

@After("@Second")

**public** **void** afterSecond(){

System.***out***.println("This will run only after the Second Scenario");

}

@After("@Third")

**public** **void** afterThird(){

System.***out***.println("This will run only after the Third Scenario");

}

}

Run the feature file