

Living Documentation

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Chapter 1. Summary

Scenarios			Steps							Features: 3	
Passed	Failed	Total	Passed	Failed	Skipped	Pending	Undefined	Missing	Total	Duration	Status
Cukedoctor Converter											
0	1	1	2	1	0	0	0	0	3	02s 674ms	failed
Ordering											
2	0	2	6	0	0	0	0	0	6	051ms	passed
Enrich features											
2	0	2	6	0	0	0	0	0	6	082ms	passed
Totals											
4	1	5	14	1	0	0	0	0	15	02s 807ms	

Chapter 2. Features

2.1. Cukedoctor Converter

In order to have awesome *living documentation*
As a bdd developer
I want to use **Cukedoctor** to handle my cucumber reports

2.1.1. Scenario: Convert features output into documentation 🗨️

Given

The following two features: 👍 (992ms)

Feature: Feature1

Scenario: Scenario feature 1

Given scenario step

Feature: Feature2

Scenario: Scenario feature 2

Given scenario step

When

I convert their json output report using cukedoctor converter 👍 (01s 661ms)

To generate cucumber .json output files just execute your *BDD* tests with **json** formatter, example:



```
@RunWith(Cucumber.class)
@CucumberOptions(plugin = {"json:target/cucumber.json"})
```



plugin option replaced **format** option which was deprecated in newer cucumber versions.

Then

I should have awesome living documentation 🗨️ (020ms)

Documentation

Summary

Scenarios			Steps							Features: 2	
Passed	Failed	Total	Passed	Failed	Skipped	Pending	Undefined	Missing	Total	Duration	Status
Feature1											
1	0	1	1	0	0	0	0	0	1	647ms	passed
Feature2											
1	0	1	1	0	0	0	0	0	1	000ms	passed
Totals											
2	0	2	2	0	0	0	0	0	2	647ms	

Features

Feature1

Scenario: Scenario feature 1

Given

scenario step 👍 (647ms)

Feature2

Scenario: Scenario feature 2

Given

scenario step 👍 (000ms)



org.junit.ComparisonFailure: expected:<... = **Documentation**

] == **Summary** [cols="...> but was:<... = **Documentation**

[] ==

Summary[cols="...>at
sun.reflect.NativeConstructorAccessorImpl.newInstance0(NativeMethod)at
sun.reflect.NativeConstructorAccessorImpl.new...

2.2. Ordering

In order to have features ordered in living documentation
As a bdd developer
I want to control the order of features in my documentation

2.2.1. Scenario: Default ordering

Given

The following two features: 📌 (000ms)

Feature: Feature1

Scenario: Scenario feature 1

Given scenario step

Feature: Feature2

Scenario: Scenario feature 2

Given scenario step

When

I convert them using default order 📌 (030ms)

Then

Features should be ordered by name in resulting documentation 📌 (000ms)

Feature1

Scenario: Scenario feature 1

Given

scenario step 📌 (647ms)

Feature2

Scenario: Scenario feature 2

Given

scenario step 📌 (000ms)

2.2.2. Scenario: Custom ordering

Given

The following two features: 🇯🇵 (000ms)

#order: 2

Feature: Feature1

Scenario: Scenario feature 1

Given scenario step

#order: 1

Feature: Feature2

Scenario: Scenario feature 2

Given scenario step



Ordering is done using feature comment '**order:**'

When

I convert them using comment order 🇯🇵 (020ms)

Then

Features should be ordered respecting order comment 🇯🇵 (000ms)

Feature2

Scenario: Scenario feature 2

Given

scenario step 🇯🇵 (000ms)

Feature1

Scenario: Scenario feature 1

Given

scenario step 🇯🇵 (313ms)

2.3. Enrich features

In order to have awesome *living documentation*
As a bdd developer
I want to render asciidoc markup inside my features

2.3.1. Scenario: DocSting enrichment

Asciidoc markup can be used in feature **DocStrings**. To do so you need to enable it by using **cukector-dicrete** comment on the feature.

Given

The following two features: 🍌 (000ms)

Feature: Enrich feature

Scenario: Render source code

```
# cukedocter-discrete
Given the following source code in docstrings
"""
[source, java]
-----
public int sum(int x, int y){
  int result = x + y;
  return result; (1)
}
-----
<1> We can have callouts in living documentation
"""
```

Scenario: Render table

```
# cukedocter-discrete
Given the following table
"""
|===

| Cell in column 1, row 1 | Cell in column 2, row 1
| Cell in column 1, row 2 | Cell in column 2, row 2
| Cell in column 1, row 3 | Cell in column 2, row 3

|===
"""
```

When

I convert docstring enriched json output using cukedoctoer converter 🍌 (042ms)

Then

DocString asciidoc output must be rendered in my documentation 🍌 (000ms)

Discrete class feature

Scenario: Render source code

Given

the following source code 🍌 (267ms)

```
public int sum(int x, int y){  
    int result = x + y;  
    return result; ①  
}
```

① We can have callouts in living documentation>

Scenario: Render table

Given

the following table 🍌 (000ms)

Cell in column 1, row 1	Cell in column 2, row 1
Cell in column 1, row 2	Cell in column 2, row 2
Cell in column 1, row 3	Cell in column 2, row 3

2.3.2. Scenario: Comments enrichment

Asciidoc markup can be used in feature comments. To do so you need to surround asciidoc markup by **curly brackets**;

Given

The following feature with asciidoc markup in comments: 🍌 (000ms)

Feature: Calculator

Scenario: Adding numbers

You can **asciidoc markup** in *_feature_ #description#*.

NOTE: This is a very important feature!

*#{IMPORTANT: AsciiDoc markup inside **steps** must be surrounded by **curly brackets**.}*

Given I have numbers 1 and 2

*# {NOTE: Steps comments are placed **before** each steps so this comment is for the **WHEN** step.}*

When I sum the numbers

{ this is a list of itens inside a feature step}*

{ there is no multiline comment in gherkin}*

*# {** second level list item}*

Then I should have 3 as result

When

I convert enriched feature json output using cukedoctoer 🍌 (039ms)

Then

AsciiDoc markup on comments must be rendered in my documentation 🍌 (000ms)

Calculator

Scenario: Adding numbers

You can use **asciidoc markup** in *feature* description.



This is a very important feature!

Given

I have numbers 1 and 2 👍 (114ms)



AsciiDoc markup inside **steps** must be surrounded by **curly brackets**.

When

I sum the numbers 👍 (000ms)



Steps comments are placed **before** each steps so this comment is for the **WHEN** step.

Then

I should have 3 as result 👍 (001ms)

this is a list of itens inside a feature step

there is no multiline comment in gherkin

second level list item