



This talk is not about:

- how to setup Behat, Mink, *Extension
- how to write your FeatureContext's

This talk is all about:

- how to fix communications between you and your clients with StoryBDD
- how to build successful products by concentrating on real business values
- how to become a real Behat pro

Behavior Driven Development

Behavior Driven Development

initial commit

Browse code



everzet authored 2 years ago

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initial commit

Browse code



everzet authored 2 years ago

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everzet authored 2 years ago

0 parents commit 1932e46e420fcd9c48d7c67a59b347fb0b3eda3d

github SOCIAL CODING

30 june - J

Some projects



already using

Some projects



just thinking

Some users



are comparing

Some users



are comparing

I would never have imagined that Behat and Mink were going to even compare to Cucumber and Capybara, but it does!!

Is Behat awesome Functional testing Framework?

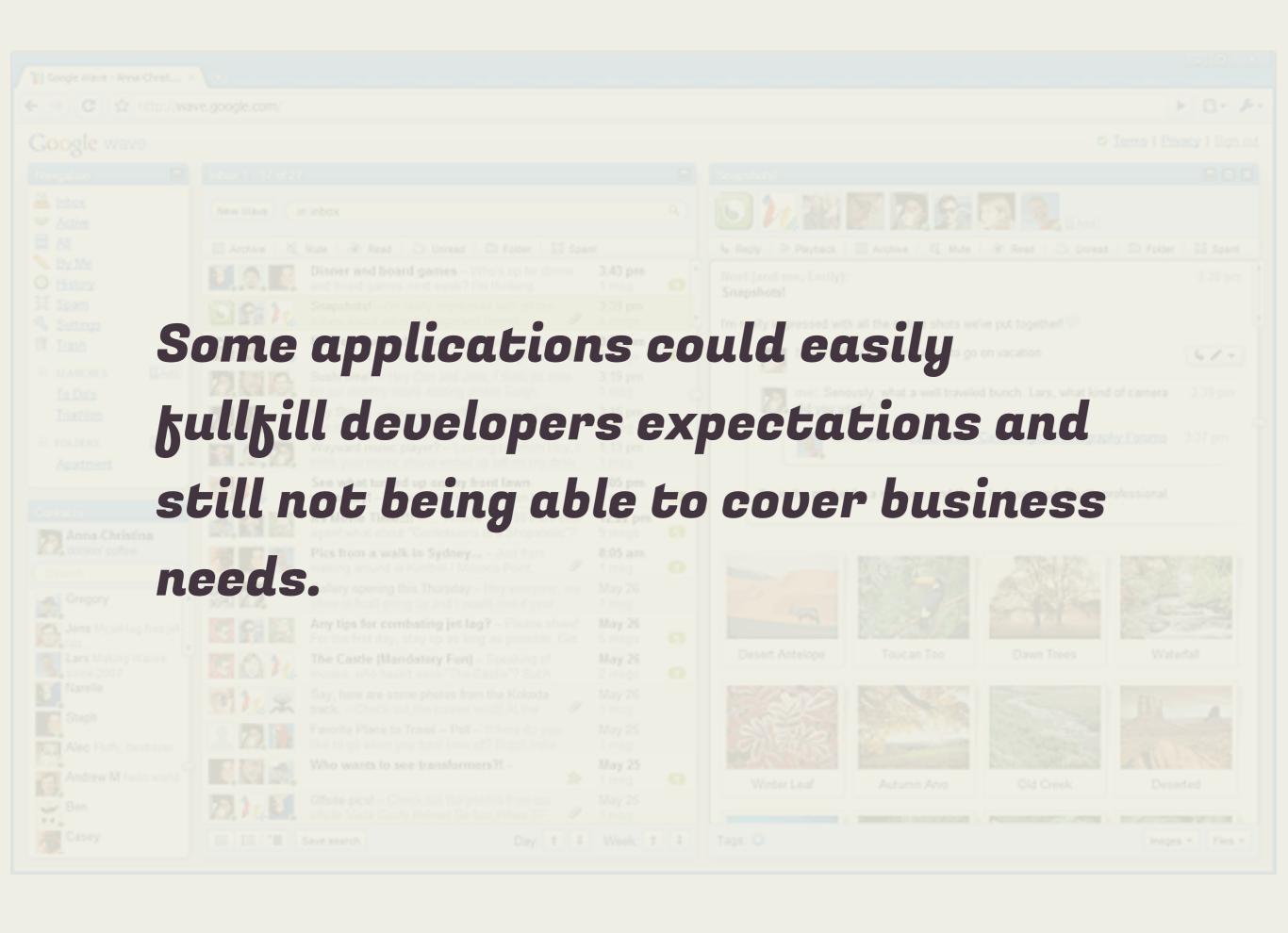
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It is awesome, but is it Functional testing Framework?

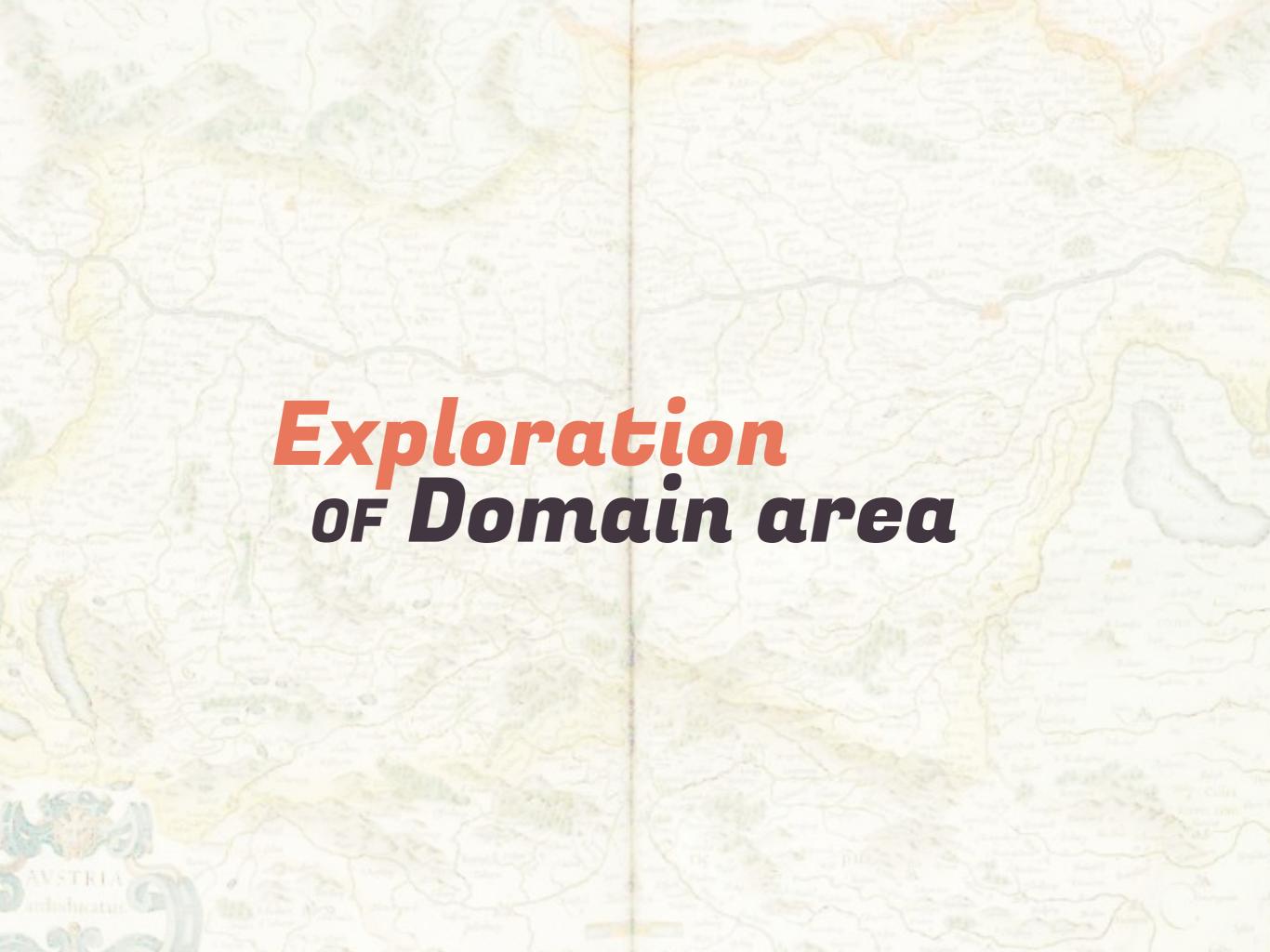
It is awesome, but is it Functional testing Framework?

NO, its NOT

We are <u>not</u> testing <u>that application</u> <u>functions as we</u> (developers) <u>expect</u> it to, <u>but</u> instead we're testing <u>that</u> <u>it fullfils clients</u> business <u>needs</u>.



You might think about Behat as a tool to teach your clients about testing, but in reality it's a tool to teach you about client business.



3 levels of domain exploration

narrative 1 possible scenarios 2 scenario details 3

In order to get access to the shopping history
As a frequent buyer
I need to be able to authenticate

1

possible scenarios 2 scenario details 3

In order to get access to the shopping history
As a frequent buyer
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1

Scenario: Successfully authenticating with correct credentials

2

scenario details 3

In order to get access to the shopping history
As a frequent buyer
I need to be able to authenticate

1

2

3

Scenario: Successfully authenticating with correct credentials

Given there is a user "everzet" with password "123"

And I am on the login page

When I fill in "username" with "everzet"

And I fill in "password" with "123"

And I press "login"

Then I should see "Hello, everzet"

In order to get access to the shopping history
As a frequent buyer
I need to be able to authenticate

Scenario: Successfully authenticating with correct credentials

Scenario: Can not authenticate with wrong credentials

Scenario: Blocked user can not authenticate, even with correct credentials



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As a frequent buyer
I need to be able to authenticate



StoryBDD helps ensuring that development team has understanding of business on the same level that client does

StoryBDD helps ensuring that development team has understanding of business on the same level that client does

And even <u>leveling up client</u> knowledge of his business

How

by Forcing you to answer business questions

1. For who?

1. For who? 2. What?

1. For who?2. What?3. How?



SAID SAID

About Registration

I want visitors to be able to register on my website through simple registration form.

1. Who?

1. Who? users?

2. Why?

2. Why? it's common?

2. Wh? it's common buyings history

Know your client clients!

in order to maintain my shopping history as a site visitor i need to be able to register on this site

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Feature: ...

in order to ...
benefit
as a ...
role (benefitiar)
i need to ...

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in order to ...

as a ...

role (benefitiar) i need to ...

in order to maintain my shopping history — benefit as a site visitor — role (benefitiar) i need to be able to register on this site

FROM '/features' as f
ORDER BY f.role, f.benefit
LIMIT 10

Feature: ...

Use gained knowledge!

in order to maintain my shopping history as a site visitor i need to be able to register on this site

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Scenario: Successful registration when visitor provides all the required info

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Scenario: ...

Scenario: ...

Scenario: ...

Scenario: ...

in order to maintain my shopping history as a site visitor i need to be able to register on this site

Scenario: Successful registration when visitor provides all the required info

Given I am on "/register"

When I fill in "email" with "linkedin@example.com"

And I fill in "username" with "linkedin"

And I fill in "password" with "sha1_without_salt"

And I press "register"

Then the response code should be 200

And the url should be "/"

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Given I am on homepage

And I follow "sign up"

When I fill in "email" with "linkedin@example.com"

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Then I should see "You have been successfully registered"

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Then I should see "You have been successfully registered"

CASE #2 About Sending Emails

I want my users to be able to send feedback messages through contact form.

1. Who?

1. Who? users

1. Who? users

2. Why?

1. Who? Users

2. Wh? to give feedback

in order to give feedback as a site user i need to be able to use contact form

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Scenario: Successfuly sending feedback through a contact form

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And I fill in "password" with "sha1_without_salt"

And I press "register"

Given I am on homepage

And I follow "contact-us"

And I do not follow redirects

When I fill in "text" with "hello, guys"

And I press "send"

Then email with the subject "feedback" should have been sent

And I should be redirected

in order to give feedback

i need to be able This text is a very boring text and I bet you Given Lawillanot manage to read the whole text since the only period And in the text is the one that ends the whole text that is by the way so long and pointless that writing it is just as fun as the text becomes boring since it is so long and pointless and also quite boring since it does not happen a single thing the whole time it is going on which is very long so you will probably not even /// manage reading to this point which is somewhere halfway and yet you do incredibly as it is since you are reading these words in this long and boring text where nothing happens at all but you will probably stop reading soon as it is just too boring and long and pointless and I notice you are still reading my boring text and wonder how you can withstand it since it is so long and boring plus there is more fun things to do that I would prefer to do rather than reading this soulless text that is really damn boring and now even I am starting to get tired of it so now I am cutting it out.

in order to give feedback as a site user i need to be able to use contact form

Scenario: Successfuly sending feedback through a contact form

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Given I am registered user

And I am on homepage

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Scenario: Successfuly sending feedback through a



Hey, techies it's for hello, guys' you. Again!

in order to give feedback as a site user i need to be able to use contact form

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And I am on homepage

When I follow "contact-us"

And I fill in "text" with "hello, guys"

And I send a feedback

Then the feedback email should have been sent

Complex One

I want students to optionally receive notifications about missed topics after failing tests.

1. Who?

1. Who? students

1. Who students 2. Why

1. Who? students

2. Wh? to learn topics

in order to fully learn topics as a student i need to receive notifications about badly learned topics

in order to fully learn topics as a student i need to receive notifications about badly learned topics

Scenario: Recieving notification about badly learned topics

Given there is a test "test1" with questions:

| topic | question | answers | correct |

| math | 2+7 | 5, 8, 3, 9 | 9

And I am authenticated student

And I have activated notifications

When I follow "test1"

And I answer "5" for first question

Then I should see "Test is not passed"

And I should see "Learn math more"

in order to fully learn topics as a student i need to receive notifications about badly learned topics

Scenario: Recieving notification about badly learned topics

Given there is a test "test1" with questions:

| topic | question | answers | correct |

| math | 2+7 | 5, 8, 3, 9 | 9

And I am authenticated student

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When I follow "test1"

And I answer "5" for first question

Then I should see "Test is not passed"

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in order to fully learn topics as a student i need to receive notifications about badly learned topics

Scenario: Recieving notification about badly learned topics

Given there are test "test1" with questions:

| topic | question | answers | correct

math | 2+7 | 5, 8, 3, 9 | 9

And I am authenticated student

And I have activated notifications

When I follow "test1"

And I answer "5" for first question

Then I should see "Test is not passed"

And I should see a "Learn math more"

Later we've discovered, that this option should be available only for teacher accounts and should not be visible to students.

1. Who?

1. Who? teacher

1. Mo teacher 2. Why

1. Who? teacher

2. Wh? to help students

in order to ensure students learn topics well as a teacher i need to be able to activate failed topics notifications

Scenario: Student with activated notifications should receive them.

in order to ensure students learn topics well as a teacher i need to be able to activate failed topics notifications

Scenario: Student with activated notifications should receive them.

Given there is a test "test1" with questions:

| topic | question | answers | correct | | math | 2+7 | 5, 8, 3, 9 | 9

And I am authenticated teacher

And I have activated notifications for student "everzet"

When student "everzet" fails test "test1"

Then he should see "Learn math more"

Case #4 Technical One

Feature: sending delayed emails

in order to ensure that all emails have been sent as an technical administrator i need to be able to send all delayed emails through CLI

Scenario: Successfully sending delayed emails through CLI

Given I am at the project root

And there are 3 delayed emails in the project

When I run "app/console project:delayed-emails:send"

Then it should return 0

And 3 emails should have been sent

Feature: sending delayed emails

in order to ensure that all emails have been sent as an technical administrator i need to be able to send all delayed emails through CLI

Scenario: Successfully sending delayed emails through CLI

Given I am at the project root

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When I run "app/console project:delayed-emails:send"

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Feature: sending delayed emails

in order to ensure that all emails have been sent as a technical administrator i need to be able to send all delayed emails through CLI

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Given I am at the project root

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When I run "app/console project:delayed-emails:send"

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I think the real difference between mid-level and pro-level Behat users is the understanding of roles and their place in features.

Questions?

Awesome @weaverryan and my good friend has a wedding right now with amazing @leannapelhalm. Tweet them congrats right now!

joind.in/6592