

UI AUTOMATION

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Who we are?



Fresh Man

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Less than 6 months

Index



BDD



Selenium



Capybara



Cucumber

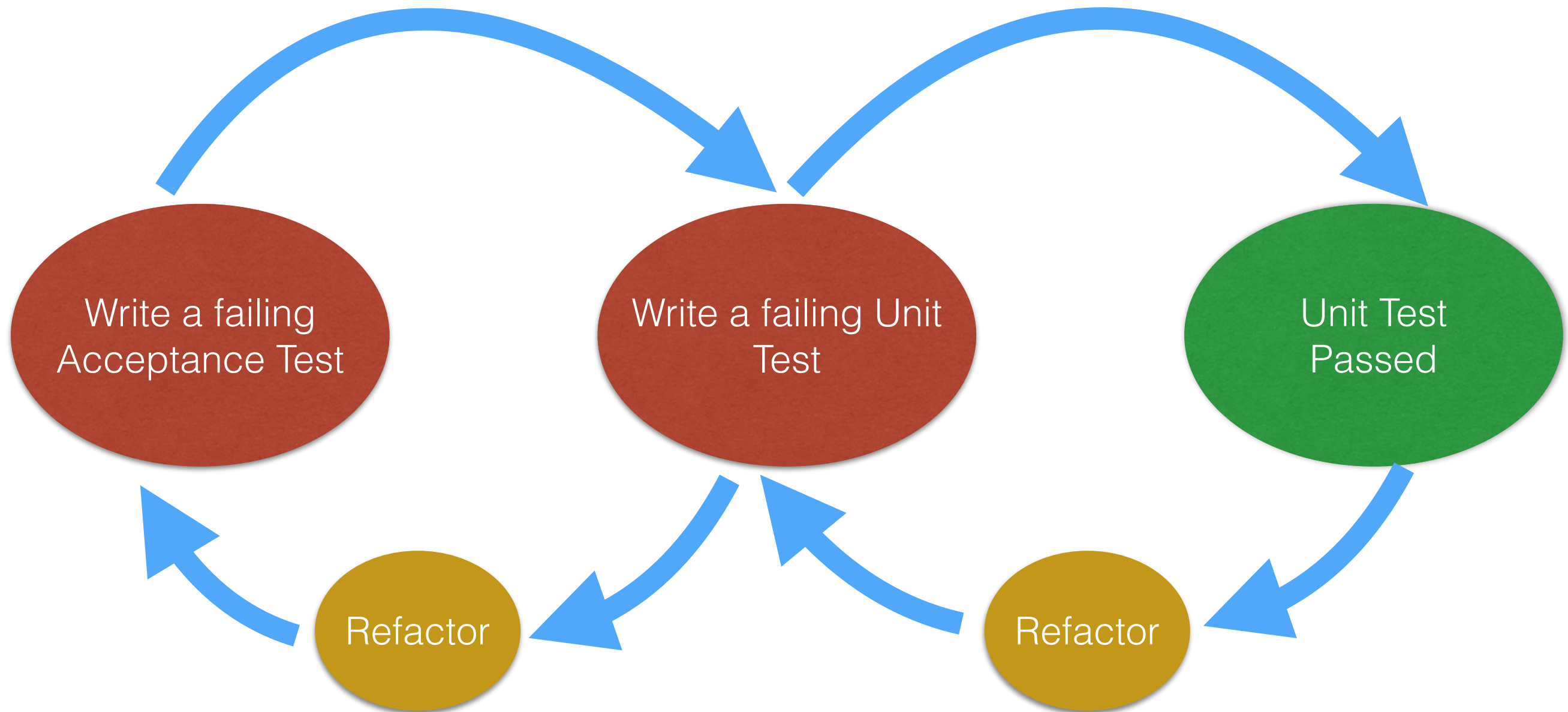


SitePrism



Conclusion

BDD



BDD

★ Cucumber

★ SpecFlow

★ JBehave

Selenium

- ★ **Browser:** IE, Firefox, Chrome
- ★ **Platform:** Windows, Linux, Android, IOS
- ★ **Language:** Java, Ruby, Python, Perl, PHP, C#
- ★ **Component:** Selenium IDE, Selenium RC, Selenium Grid

Capybara

```
env.rb
1 require 'rspec'
2 require 'capybara'
3 require 'capybara/cucumber'
4 require 'selenium-webdriver'
5 require 'site_prism'
6 require 'require_all'
7 require 'pry'
8
9 require_all 'lib/pages'
10
11 Capybara.register_driver :selenium do |app|
12   options = {
13     :browser => :firefox
14   }
15   Capybara::Selenium::Driver.new(app, options)
16 end
17
18 Capybara.run_server = false
19 Capybara.default_wait_time = 30
20 Capybara.app_host = 'https://jinshuju.net/login'
21 Capybara.default_driver = :selenium
22
```

Cucumber

```
new_form.feature  x
1  Feature: This is a workshop for QA test
2
3  Scenario: Login successfully
4      Given I login with "1920790521@qq.com" with "test123"
5      Then I should see "workshop"
6
7  Scenario: Login failed
8      Given I login with "1920790521@qq.com" with "test"
9      Then I should see "邮箱或密码错误" on login page
10
11 Scenario: Create a new form
12     Given I login with "1920790521@qq.com" with "test123"
13     And I click creat new form button
14     And The form name is "Workshop"
15     And I add following fields:
16     | field_types |
17     | 单行文字    |
18     And I save this form
19     And I logout
```


PageObject

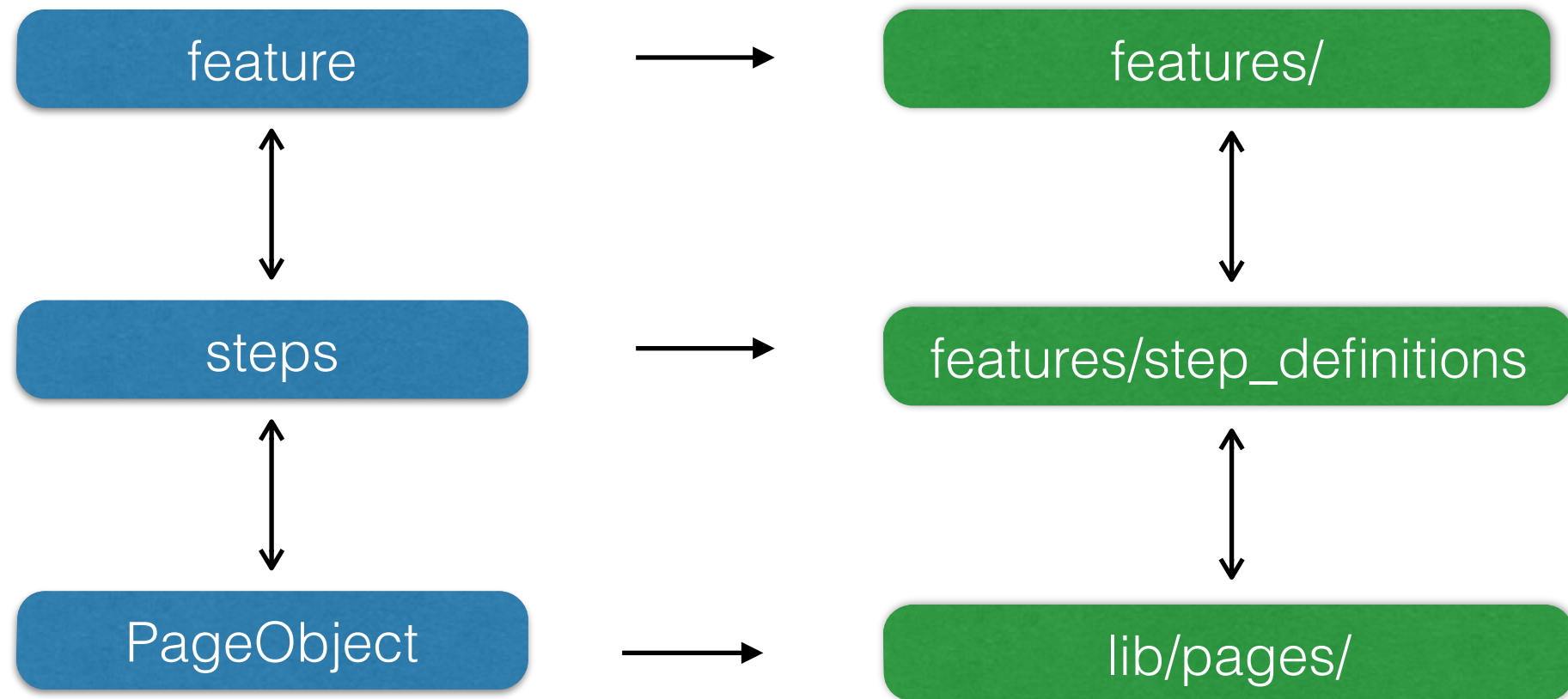
- ★ SitePrism
- ★ Gizmo
- ★ capybara-page-object

PageObject

—SitePrism

element	:name,	'css_selector'	
elements	:name,	'css_selector'	
section	:name,	:ClassName,	'css_selector'
sections	:name,	:ClassName,	'css_selector'
iframe	:name,	:ClassName,	'#id'

Conclusion



FOLDERS

- ▼ FtWorkshop
 - ▼ features
 - ▼ step_definitions
 - login_steps.rb
 - ▼ support
 - env.rb
 - new_form.feature
 - ▼ lib
 - ▼ pages
 - login_page.rb
 - Gemfile
 - Gemfile.lock

Q&A



Reference

Zip

https://github.com/jyangTWer/thoughtworks-china-qa.github.io/tree/workshop_step101

https://github.com/jyangTWer/thoughtworks-china-qa.github.io/tree/workshop_step1_login

https://github.com/jyangTWer/thoughtworks-china-qa.github.io/tree/workshop_step2_create_form

Git

[git@github.com:jyangTWer/thoughtworks-china-qa.github.io.git](https://github.com/jyangTWer/thoughtworks-china-qa.github.io.git)

Learning

https://github.com/natritmeyer/site_prism

<https://github.com/jnicklas/capybara>

<https://github.com/cucumber/cucumber>

Thanks!