

Robot Framework in action

Robot Framework Foundation

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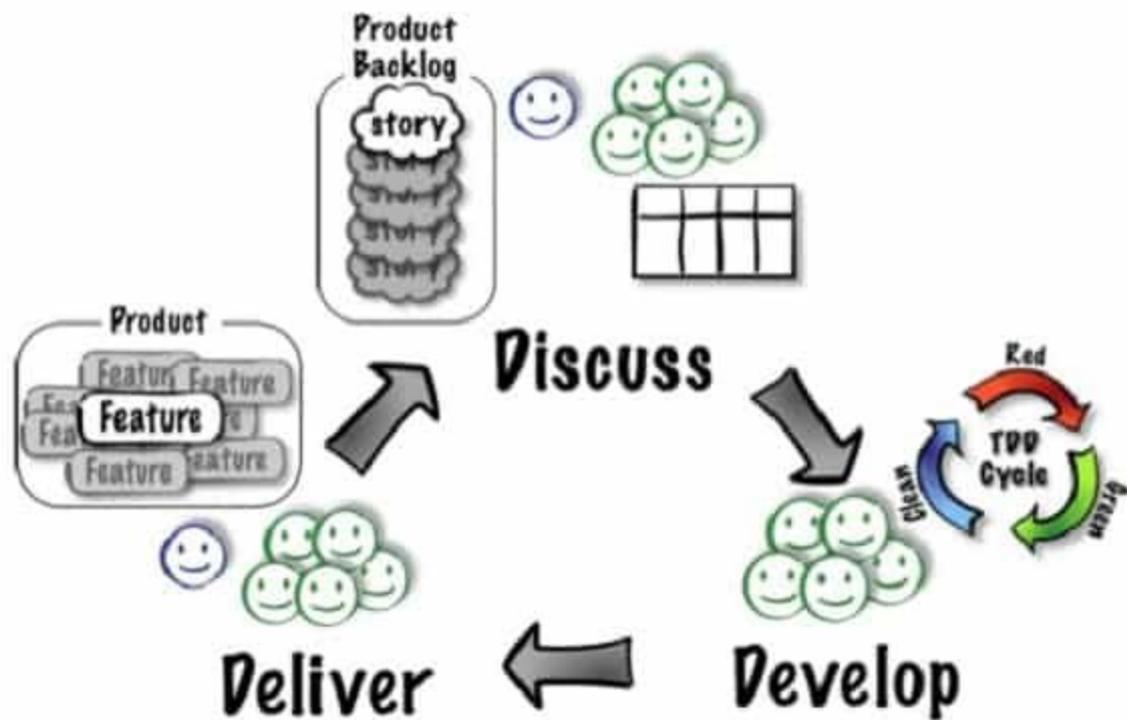


So what we want to achieve?

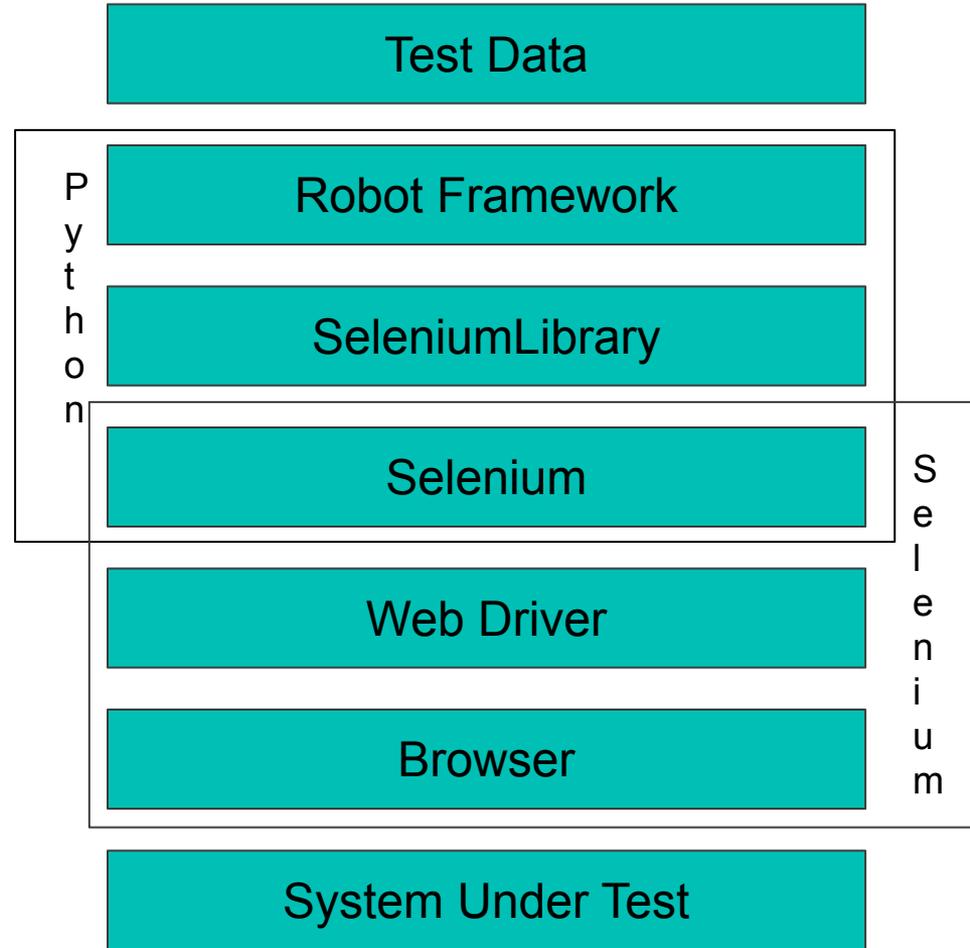
In a large scale web project, team is going to create functionality to our web shop. Now we need to decide those test cases, which proofs, that functionality is ready.



The ATDD cycle



Architecture



Installations

Prerequisite: Python 3.6.x or higher

```
pip install robotframework
```

```
pip install robotframework-seleniumlibrary
```

```
robot --version
```

```
Robot Framework 3.0.4 (Python 3.7.0 on linux2)
```



Browser Webdriver

Installation of browser webdriver and how to use

```
pip install webdrivermanager
```

```
webdrivermanager --linkpath AUTO <browser>
```

```
Eg. webdrivermanager --linkpath AUTO firefox
```



Let's Automate!



Stuff what we need

<https://bit.ly/21LXF0c>



Sprint 1

As a web page user, I want to test basic functionality of web page

Test 1: Page opens

Test 2: We can navigate menu

Execute whole suite

```
robot robotframework_org.robot
```

Execute one test case

```
robot --test "Navigate to Robocon.io" robotframework_org.robot
```



Sprint 2

As a customer, I want to buy a t-shirt



Sprint 3 ->

More tests



That's Robot Framework