ACCEPTANCE TEST DRIVEN DEVELOPMENT?

https://www.flickr.com/photos/ywamorlando/32881351792/

Davor Banović
davor.banovic@oradian.com

ACCEPTANCE TEST DRIVEN…
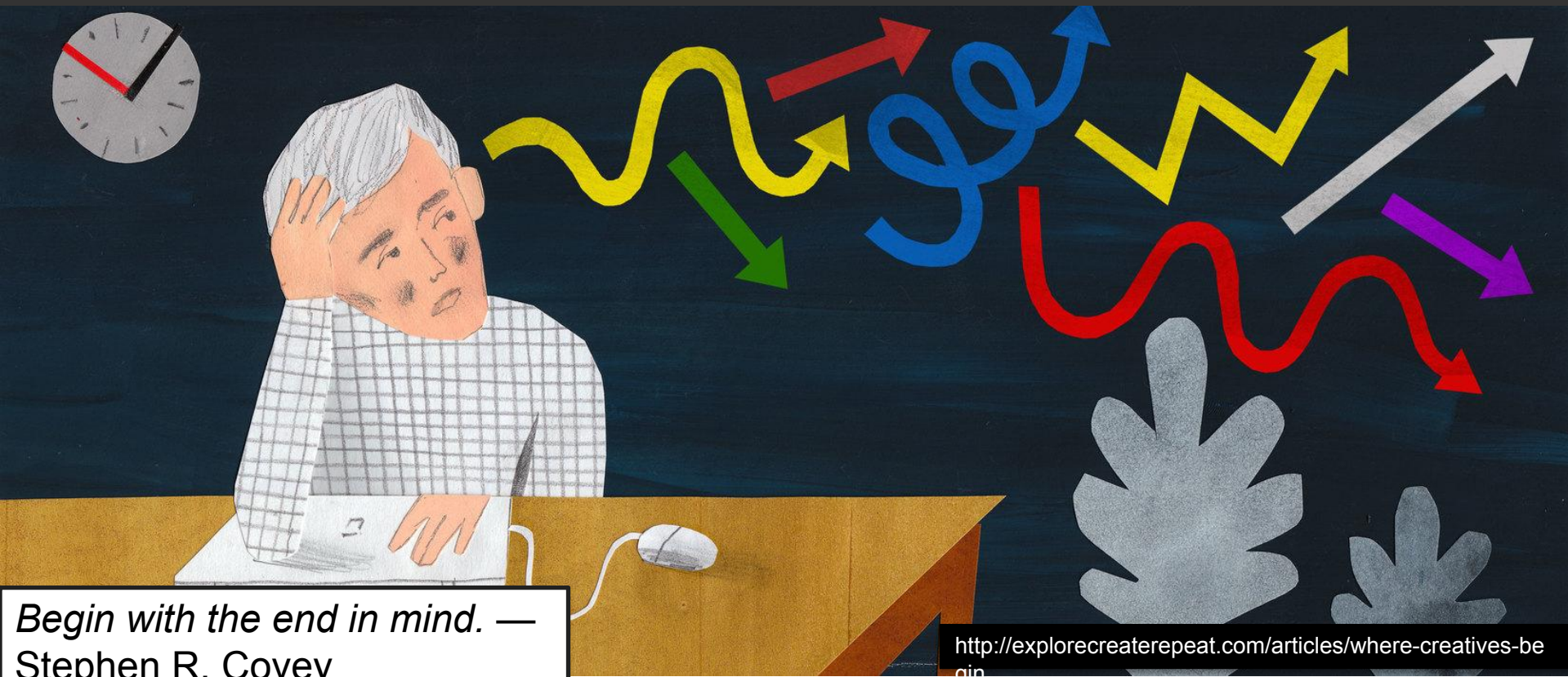
Begin with the end in mind. — Stephen R. Covey

http://explorecreaterepeat.com/articles/where-creatives-begin

… DEVELOPMENT

> *Just remember, once you're over the hill you begin to pick up speed.*
> Arthur Schopenhauer

ROBOT FRAMEWORK

```
1 *** Settings ***
2 Documentation     A test suite wit
3 ...
4 ...              This test has a                              rds in
5 ...              the imported res
6 Resource         resource.txt
7
8 *** Test Cases ***
9 Valid Login
10     Open Browser To Login Page
11     Input Username      demo
12     Input Password      mode
13     Submit Credentials
14     Welcome Page Should Be Open
15     [Teardown]    Close Browser
```

```
1 *** Keywords ***
2 Open Browser To Login Page
3     Open Browser      ${LOGIN URL}      ${BROWSER}
4     Maximize Browser Window
5     Set Selenium Speed      ${DELAY}
6     Login Page Should Be Open
7
8 Login Page Should Be Open
9     Title Should Be      Login Page
10
11 Go To Login Page
12     Go To      ${LOGIN URL}
13     Login Page Should Be Open
14
15 Input Username
16     [Arguments]      ${username}
17     Input Text       username_field      ${username}
18
19 Input Password
20     [Arguments]      ${password}
21     Input Text       password_field      ${password}
22
23 Submit Credentials
24     Click Button      login_button
25
26 Welcome Page Should Be Open
27     Location Should Be      ${WELCOME URL}
28     Title Should Be      Welcome Page
29
```

```python
1    from PageObjectLibrary import PageObject
2
3    class LoginPage(PageObject):
4        PAGE_URL = "/index.html"
5
6        _locators = {
7            "username": "id=username_field",
8            "password" : "id=password_field",
9            "submit_button": "id=login_button"
10       }
11
12       def _is_current_page(self):
13           location = self.se2lib.get_location()
14           if not location.endswith(self.PAGE_URL):
15               message = "Expected location to end with " + \
16                         self.PAGE_URL + " but it did not"
17               raise Exception(message)
18           return True
19
20       def enter_username(self, username):
21           """Type the given text into the username field """
22           self.se2lib.input_text(self.locator.username, username)
23
24       def enter_password(self, password):
25           """Type the given text into the password field"""
26           self.se2lib.input_text(self.locator.password, password)
27
28       def click_login_button(self):
29           with self._wait_for_page_refresh():
30               self.se2lib.click_button(self.locator.submit_button)
31
```

extended

r high level

rds

```
the logged in user is on his dashboard
    enter username  ${USERNAME}
    enter password  ${PASSWORD}
    click login button
    go to  ${DASHBOARD_URL}
```

LOGGING AND REPORTING

THE TESTS ARE SPECIFIED IN BUSINESS DOMAIN TERMS
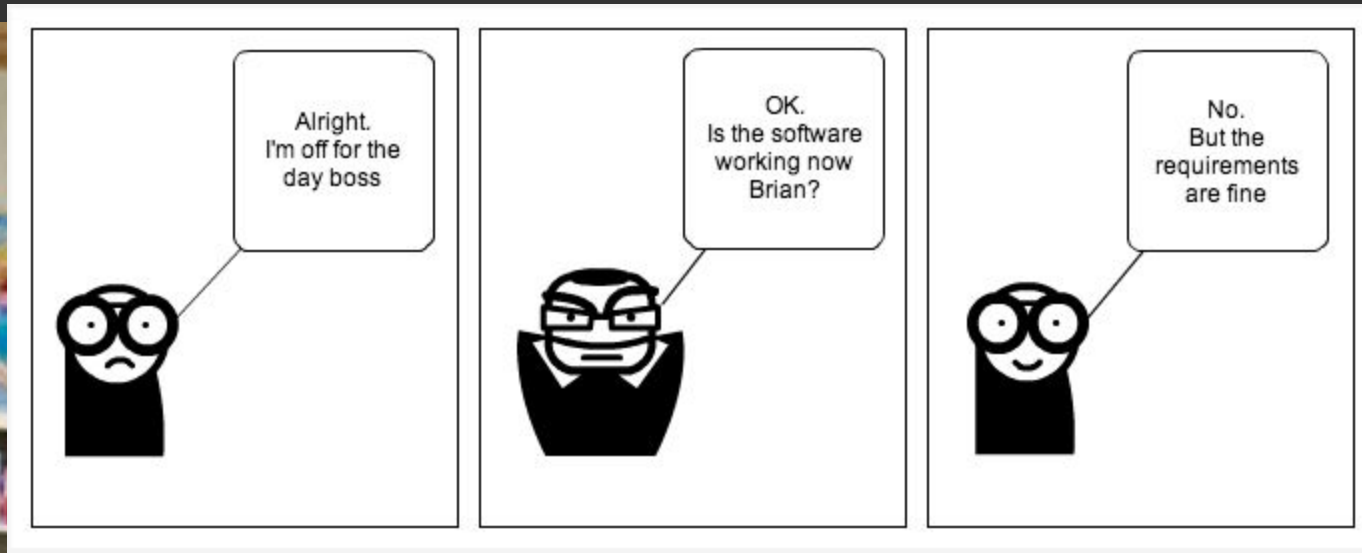
Our work is the presentation of our capabilities.
Edward Gibbon

SHARED UNDERSTANDING OF WHAT WE ARE ACTUALLY BUILDING (ELISABETH HENDRICKSON)

Good words are worth much, and cost little.
George Herbert

http://commons.wikimedia.org/wiki/File:Understanding_in_Xian_0546.jpg

TEST PROJECT AND CODE EXAMPLES

Test project: https://github.com/banovotz/RFdemo

Code examples: https://github.com/banovotz/RFdemo-tests

davor@shoutem.com

@banovotz