

Robot Framework

<http://robotframework.org/>

Some Facts

- Python based Framework.
- Keyword driven
- Suitable for ATDD and BDD.
- Open Source
- Has its own text syntax, test runner and reporting tool
- Easily pluggable Architecture

IDEs Used

- IntelliJ or PyCharm with intelliBot.
- Sublime Text
- RIDE
- Any text Editor
- Files are in *.robot or *.txt format.

Installations

- Python 2.7.*
- pip
- Required Libraries. e.g., Http Library, Database Library, Selenium Webdriver

Test Suite

- Settings
- Test Cases
- Variables
- Keywords

Settings

*** Settings ***

Library HttpLibrary.HTTP

Library ../../my/libraries/sample_lib.py

Resource ../../my/file/sample_keyword.robot

Test Cases

*** TestCases **

Check The String

Verify If Equal \${RF_AUTH1} \${RF_AUTH2}

Variables

*** Variables ***

`${RF_URL}` <http://robotframework.org/>

`${RF_AUTH1}` test*123

`${RF_AUTH2}` test*456

<Can be overridden from command line>

`-v RF_AUTH1:hello*123`

Keywords

*** Keywords ***

Verify If Equal

[Arguments] \${val1} \${val2}

Should Be Equal \${val1} \${val2}

Other Features

- Tagging
- Reporting
- Parallel Run (pabot)
- Combine Reports (rebot)
- Jenkins Pluggable

DEMO