RobotFramework-Exmaples Documentation

Release 1.0.0

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Contents:

CHAPTER 1

Basic Examples

Basic Examples includes Variables,Strings,Collections,Process,DateTime,Selenium,Appium, Custom keywords,. . . ..more

1.1 Installation:

Below are the installation steps for RobotFramework and verification.

1.1.1 Pre-requsites:

"*Python* Make sure `Python` is installed in the System." If not installed then Download Python

1.1.2 Using PIP:

```
pip install robotframework
```

1.1.3 Installation Verification:

```
pybot --version
```

```
E:\tools\robotframwework\RobotFramework-Examples\doc>pybot --version
C:\Users\jeevan\AppData\Local\Programs\Python\Python36-32\lib\runpy.py:125: RuntimeWarning: 'robot.run' found in sys.modules after import of
robot', but prior to execution of 'robot.run'; this may result in unpredictable behaviour
  warn(RuntimeWarning(msg))
Robot Framework 3.0.2 (Python 3.6.3 on win32)
```

1.2 Execution:

Robot files ends with extension .robot. Below is the command to run the robot files. `pybot test.robot`

1.3 Variables

1.4 Strings

1.5 Collections

CHAPTER 2

Advanced Examples

Advanced exmaples includes Framwork integration,Jenkins,,. . . .

2.1 Framwork Development

2.2 Jenkins

CHAPTER 3

Learn RST writing

italic

bold

This * character is not interpreted

This is how to create hyperlinks (see later) OpenAlea wiki

3.1 Title

3.1.1 subtitle

subsubtitle

'Internal and External links'_

Python

- This is a bulleted list.
- It has two items, the second item uses two lines. (note the indentation)

1. This is a numbered list.
2. It has two items too.
    - jeevan
    - chaitanya
    - hellow

1. This is a numbered list.
2. It has two items too.

Header 1	Header 2	Header 3
body row 1	column 2	column 3
body row 2	Cells may span columns.	
body row 3	Cells may span rows.	• Cells • contain • blocks.
body row 4		

Inputs		Output
A	B	A or B
False	False	False
True	False	True

Then, write your text inserting the keywrod Python . The final result will be as follows: Python .

and then insert `this is a very very long text to include` wherever needed.

Your Topic Title

Subsequent indented lines comprise the body of the topic, and are interpreted as body elements.

Sidebar Title :subtitle: Optional Sidebar Subtitle

Subsequent indented lines comprise the body of the sidebar, and are interpreted as body elements.

See also:

This is a simple **seealso** note. Other inline directive may be included (e.g., math α) but not al of them.

Note: This is a simple **seealso** note. Other inline directive may be included (e.g., math α) but not al of them.

Warning: This is a simple **seealso** note. Other inline directive may be included (e.g., math α) but not al of them.

Todo: This is a simple **seealso** note. Other inline directive may be included (e.g., math α) but not al of them.

```
1 import math
2 print 'import done'
```

CHAPTER 4

Introduction:

1. An introduction to Robot Framework http://robotframework.org © Copyright Nokia Networks Creative Commons Attribution 3.0 License 2. Fast facts

Generic test automation framework – Utilizes the keyword-driven testing approach – Suitable for both "normal" test automation and ATDD

Implemented with Python – Runs also on Jython (JVM) and IronPython (.NET) – Can be extended natively using Python or Java – Other languages supported via a remote interface Open source – Hosted on GitHub, Apache 2 license – Sponsored by Nokia Networks – Rich ecosystem and very active community

3. High level architecture
4. Simple keyword-driven syntax
5. Data-driven tests
6. Gherkin syntax
7. Higher level keywords
8. Simple test library API
9. **Variables** Easy to create: Override from the command line: variable BROWSER:IE
10. **Tagging** Free metadata to categorize test cases Statistics by tags collected automatically Select test cases to be executed Specify which test cases are considered critical
11. Clear reports
12. Detailed logs
13. **Different test libraries** Standard libraries – Included in normal installation – OperatingSystem, Screenshot, String, Telnet, XML, ... External libraries – Must be installed separately – Selenium2Library, SwingLibrary, DatabaseLibrary, AutoItLibrary, SSHLibrary, HTTPLibrary, ... Project and team specific libraries
14. **Editor support** RIDE Plugins for Eclipse, IntelliJ/PyCharm, `SubLime`, TextMate, Vim, Emacs, Brackets, Atom, ...

15. **Easy integration** Test suites are created from files and directories – Trivial to store into any version control system Simple command line interface – Easy to start test execution by external tools Output also in XML format – All information in machine readable format – Outputs from different test runs can be combined Plugins for common CI and build tools – Jenkins, Ant, Maven

16. **For more information** Ecosystem front page – http://robotframework.org Project pages – https://github.com/robotframework/robotframework Quick Start Guide – https://github.com/robotframework/QuickStartGuide User Guide – http://robotframework.org/robotframework/#user-guide Demo projects – http://robotframework.org/#documentation