RobotFramework_Testsuites

v. 0.1.2

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05.07.2022

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Chapter 1

Introduction

RobotFramework_Testsuites

!!! add introduction - if wanted !!

Chapter 2

Description

The RobotFramework AIO testsuites management:
TO BE CONTINUED

Chapter 3

CConfig.py

3.1 Class: dotdict

```
RobotFramework_Testsuites.Config.CConfig
```

3.2 Class: CConfig

```
RobotFramework_Testsuites.Config.CConfig
```

Defines the properties of configuration Holds the identified config files. Level1 is highest priority, Level4 is lowest priority.

(remaining content needs to be fixed and restored)

3.2.1 Method: loadCfg

3.2.2 Method: updateCfg

staticmethod updateParams: This method updates preprocessor, global or local params base on ROBFW local config or any json config file according to purpose of specific testsuite.

Args: sUpdateCfgFile: str

Returns: None

3.2.3 Method: verifyRbfwVersion

Validate the current robotframework version with maximum and minimum version (if provided in the configuration file). In case the current version is not between min and max version, then the execution of testsuite is terminated with "unknown" state Method: bValidateMinVersion ----------

Validate current version with required minimun version. Method: bValidateMaxVersion ----------

Validate current version with required maximun version. Method: bValidateSubVersion ----------

Validate the format of provided sub version and parse it into sub tuple for version comparision. Method: tupleVersion ----------

Return a tuple which contains the (major, minor, patch) version.

(remaining content needs to be fixed and restored)

3.2.4 Method: versioncontrol_error

Wrapper version control error log: Log error message of version control due to reason and set to unknown state. reason can only be "conflict_min", "conflict_max" and "wrong_minmax".

Chapter 4

COnFailureHandle.py

4.1 Class: COnFailureHandle

```
RobotFramework_Testsuites.Keywords.COnFailureHandle
```

4.1.1 Method: is_noney

4.1.2 Method: register_keyword_run_on_failure

TBD

Chapter 5

CSetup.py

5.1 Class: CSetupKeywords

```
RobotFramework_Testsuites.Keywords.CSetup
```

Definition setup keywords Method: testsuite_setup ----------

5.1.1 Method: testsuite_teardown

5.1.2 Method: testcase_setup

5.1.3 Method: testcase_teardown

5.1.4 Method: update_config

5.2 Class: CGeneralKeywords

```
RobotFramework_Testsuites.Keywords.CSetup
```

Definition setup keywords Method: get_config ----------

oConfigParams: is the dictionary consist of some configuration params which are return to user from get_config_params keyword Method: load_json ----------

Chapter 6

CStruct.py

6.1 Class: CStruct

```
RobotFramework_Testsuites.Utils.CStruct
```

Constructor __init__ creates the given attributes dynamically at runtime.
Args:

Attributes to be created with the initial value

Returns:

Accessible attributes

Chapter 7

Event.py

7.1 Class: Event

```
RobotFramework_Testsuites.Utils/Events.Event
```

7.1.1 Method: trigger

Chapter 8

ScopeEvent.py

8.1 Class: ScopeEvent

```
RobotFramework_Testsuites.Utils/Events.ScopeEvent
```

8.1.1 Method: trigger

8.2 Class: ScopeStart

```
RobotFramework_Testsuites.Utils/Events.ScopeEvent
```

8.3 Class: ScopeEnd

```
RobotFramework_Testsuites.Utils/Events.ScopeEvent
```

Chapter 9

__init__.py

9.1 Function: on

9.2 Function: dispatch

9.3 Function: register_event

Chapter 10

LibListener.py

10.1 Class: LibListener

```
RobotFramework_Testsuites.Utils.LibListener
```

Define some hook methods

Chapter 11

__init__.py

11.1 Class: RobotFramework_Testsuites

```
RobotFramework_Testsuites.__init__
```

RobotFramework_Testsuites is the Bosch testing library for Robot Framework. RobotFramework_Testsuites control peripheral devices, tools and target under testing. Method: run_keyword ----------

11.1.1 Method: get_keyword_tags

11.1.2 Method: get_keyword_documentation

11.1.3 Method: failure_occurred

11.2 Class: CTestsuitesCfg

```
RobotFramework_Testsuites.__init__
```

Chapter 12

version.py

12.1 Function: robfwaio_version

Return testsuitemanagement version as Robot framework AIO version

Chapter 13

Appendix

About this package:

Table 13.1: Package setup

Setup parameter	Value
Name	RobotFramework_Testsuites
Version	0.1.2
Date	05.07.2022
Description	Functionality to manage RobotFramework testsuites
Package URL	robotframework-testsuitesmanagement
Author	Mai Dinh Nam Son
Email	son.maidinhnam@vn.bosch.com
Language	Programming Language :: Python :: 3
License	License :: OSI Approved :: Apache Software License
OS	Operating System :: OS Independent
Python required	>=3.0
Development status	Development Status :: 4 - Beta
Intended audience	Intended Audience :: Developers
Topic	Topic :: Software Development

Chapter 14

History

0.1.0	06/2022
Initial version	