

RobotLog2RQM

v. 1.1.4

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Chapter 1

Introduction

[RobotLog2RQM](#) tool provides the ability to interact with RQM resources (test plan, test case, build, ...).

[RobotLog2RQM](#) tool uses [RqmAPI](#) to:

- get resource: by given ID or all vailable entities of resource type.
- update resource: by given ID.
- create new resource: with resource templates under [RQM_templates](#) folder

Chapter 2

Description

2.1 Sample Robot Framework Testcase:

For test case management, we need some traceable information such as version, testcase ID, component, ... to manage and track testcase(s) on RQM.

So, this information can be provided in `Metadata` (for the whole testsuite/execution info: version, build, ...) and `[Tags]` information (for specific testcase info: component, testcase ID, requirement ID, ...).

Sample Robot Framework testcase with the necessary information for importing to RQM:

```
*** Settings ***
Metadata    project      ROBFW          # Test Environment
Metadata    version_sw   SW_VERSION_0.1 # Build Record
Metadata    machine      ${COMPUTERNAME} # Hostname
Metadata    component     Import_Tools   # Component - is used for test case
Metadata    team-area     Internet Team RQM # team-area (case-sensitive)

*** Test Cases ***
Testcase 01
[Documentation]  This test is traceable with provided tcid
[Tags]          TCID-1001  FID-112  FID-111  ↔
↔ robotfile=https://github.com/test-fullautomation
Log            This is Testcase 01

Testcase 02
[Documentation]  This new testcase will be created if -createmissing argument
...            is provided when importing
[Tags]          FID-113  robotfile=https://github.com/test-fullautomation
Log            This is Testcase 02
```

Listing 2.1: Sample Robot Framework testcase

Hint



In case you are using RobotFramework AIO with `RobotFramework.Testsuites` library for executing Robot testcase(s). You do not need to define above highlighted `Metadata` in your Robot test case. These `Metadata` information will be defined implicitly within the `Suite Setup` bases on your environment and configuration in *.json file.

2.2 Tool features:

By default, tool will base on provided arguments (see `Usage`) and `tcid` information in Robot test case(s) to:

- Login the RQM server and verify the provided `project` , `testplan` .
- Create build record and test environment (if already provided in Robot test case and not existing on RQM) for execution.

- Create new Test Case Execution Record - TCER (if it is not existing) bases on test case ID and `testplan` ID.
- Create new Test Case Execution Result which contents the detail and result state of test case.
- Link all test case(s) to provided `testplan` .

Besides, **RobotLog2RQM** tool also supports to:

- Create new test case(s) which is not existing on RQM (do not have `tcid` information) while importing result(s) to RQM with optional argument `-createmissing` .
- Update information (such as testcase name, Requirement ID, ...) of existing testcase on RQM with optional argument `-updatetestcase` .

2.3 Robot Testcase information on RQM:

For more detail how the Robot Framework testcase information is displayed on RQM, please refer be mapping table:

| RQM data | | Robot Framework | |
|-----------------------------------|----------------------------|--|--|
| Resource | Attribute/ Field | Testsuite/Testcase | Output.xml |
| Build Record | Title | Metadata version_sw Build | //suite/metadata/item[@name="version_sw"] |
| Test Environment | Title | Metadata project Environment | //suite/metadata/item[@name="project"] |
| Test Case | ID | [Tags] tcid-xxx | //suite/test/tags/tag[@text="tcid-xxx"] |
| | Name | tesname | //suite/test/@name |
| | Team Area | Metadata team-area Team_Area | //suite/metadata/item[@name="team-area"] |
| | Description | test doc - [Documentation] | //suite/test/doc/@text |
| | Owner | provided user in cli | |
| | Component/ Categories | Metadata component Component | //suite/metadata/item[@name="component"] |
| | Requirement ID | [Tags] fid-yyy | //suite/test/tags/tag[@text="fid-yyy"] |
| | Robot File | [Tags] robotfile-zzz | //suite/test/tags/tag[@text="robotfile-zzz"] |
| Test Case Execution Record (TCER) | Owner | provided user in cli | |
| | Team Area | Metadata team-area Team_Area | //suite/metadata/item[@name="team-area"] |
| | Test Plan | Interaction URL to provided testplan in cli | |
| | Test Case | Interaction URL to provided testcase ID: provided tcid in [Tags]: tcid-xxx or generated tcid when using -createmissing | //suite/test/tags/tag[@text="tcid-xxx"] |
| | Test Environment | Metadata project Environment | //suite/metadata/item[@name="project"] |
| Test Result | Owner | provided user in cli | |
| | Tested By | provided user in cli - userid must be used | |
| | Team Area | Metadata team-area Team_Area | //suite/metadata/item[@name="team-area"] |
| | Actual Result | Test case result (passed, failed, unknown) | //suite/test/status/@status |
| | Host Name | Metadata machine ↔ ↔ % {COMPUTERNAME} | //suite/metadata/item[@name="machine"] |
| | Test Plan | Interaction URL to provided testplan in cli | |
| | Test Case | Interaction URL to provided testcase ID: provided tcid in [Tags]: tcid-xxx or generated tcid when using -createmissing | //suite/test/tags/tag[@text="tcid-xxx"] |
| | Test Case Execution Record | Interaction URL to TCER ID | |
| | Build | Metadata version_sw Build | //suite/metadata/item[@name="version_sw"] |
| | Start Time | Test case start time | //suite/test/status/@starttime |
| | End Time | Test case end time | //suite/test/status/@endtime |
| | Total Run Time | Calculated from start and end time | |
| | Result Details | Test case message log | //suite/test/status/@text |

Table 2.1: RQM data & Robot Framework testcase/output.xml

Chapter 3

CRQM.py

3.1 Function: get_xml_tree

Parse xml object from file.

Arguments:

- `file_name`
/ *Condition*: required / *Type*: str /
Path to file or file-like object.
- `bdttd.validation`
/ *Condition*: optional / *Type*: bool /
If True, validate against a DTD referenced by the document.

Returns:

- `oTree`
/ *Type*: `lxml.etree._ElementTree` object /
The xml etree object.

3.2 Class: CRQMClient

Imported by:

```
from RobotLog2RQM.CRQM import CRQMClient
```

CRQMClient class uses RQM REST APIs to get, create and update resources (testplan, testcase, test result, ...) on RQM - Rational Quality Manager

Resoure type mapping:

- `buildrecord`: Build Record
- `configuration`: Test Environment
- `testplan`: Test Plan
- `testsuite`: Test Suite
- `suiteexecutionrecord`: Test Suite Execution Record (TSER)
- `testsuitelog`: Test Suite Log
- `testcase`: Test Case
- `executionworkitem`: Test Execution Record (TCER)
- `executionresult`: Execution Result

3.2.1 Method: login

Log in RQM by provided user & password.

Arguments:

(no arguments)

Returns:

- bSuccess
/ Type: bool /
Indicates if the computation of the method login was successful or not.

3.2.2 Method: verifyProjectName

Verify the project name by searching it in project-areas XML response.

Arguments:

(no arguments)

Returns:

- bSuccess
/ Type: bool /
Indicates if the computation of the method verifyProjectName was successful or not.

3.2.3 Method: disconnect

Disconnect from RQM.

Arguments:

(no arguments)

Returns:

(no returns)

3.2.4 Method: config

Configure RQMClient with testplan ID, build, configuration, createmissing, ...

- Verify the existence of provided testplan ID.
- Verify the existences of provided build and configuration names before creating new ones.

Arguments:

- plan_id
/ Condition: required / Type: str /
Testplan ID of RQM project for importing result(s).
- buildname
/ Condition: optional / Type: str / Default: None /
The Build Record for linking result(s). Set it to None if not be used, the empty name '' will lead to error.
- config_name
/ Condition: optional / Type: str / Default: None /
The Test Environment for linking result(s). Set it to None if not be used, the empty name '' may lead to error.
- createmissing
/ Condition: optional / Type: bool / Default: False /
If True, the testcase without tcid information will be created on RQM.

- `update_testcase`
/ *Condition*: optional / *Type*: bool / *Default*: False /
If True, the information of testcase on RQM will be updated bases on robot testfile.
- `suite_id` (optional)
/ *Condition*: optional / *Type*: str / *Default*: None /
Testsuite ID of RQM project for importing result(s).

Returns:*(no returns)***3.2.5 Method: userURL**

Return interaction URL of provided userID

Arguments:

- `userID`
/ *Condition*: required / *Type*: str /
The user ID.

Returns:

- `userURL`
/ *Type*: str /
The interaction URL of provided userID.

3.2.6 Method: integrationURLReturn interaction URL of provided resource and ID. The provided ID can be `internalID` (contains only digits) or `externalID`.**Arguments:**

- `resourceType`
/ *Condition*: required / *Type*: str /
The RQM resource type (e.g: "testplan", "testcase", ...).
- `id`
/ *Condition*: optional / *Type*: str / *Default*: None /
The ID of given resource.
 - If given: the specified url to resource ID is returned.
 - If None: the url to resource type (to get all entity) is returned.
- `forceInternalID`
/ *Condition*: optional / *Type*: bool / *Default*: False /
If True, force to return the url of resource as internal ID.

Returns:

- `integrationURL`
/ *Type*: str /
The interaction URL of provided resource and ID.

3.2.7 Method: webIDfromResponse

Get internal ID (number) from response of POST method.

Note: Only executionresult has response text. Other resources has only response header.

Arguments:

- response
/ *Condition*: required / *Type*: str /
The xml response from POST method for parsing ID information.
- tagID
/ *Condition*: optional / *Type*: str / *Default*: 'rqm:resultId' /
Tag name which contains ID information.

Returns:

- resultId
/ *Type*: str /
The internal ID (as number).

3.2.8 Method: webIDfromGeneratedID

Return web ID (ns2:webId) from generate ID by get resource data from RQM.

Note:

- This method is only used for generated testcase, executionworkitem and executionresult.
- buildrecord and configuration does not have ns2:webId in response data.

Arguments:

- resourrrceType
/ *Condition*: required / *Type*: str /
The RQM resource type.
- generateID
/ *Condition*: required / *Type*: str /
The Slug ID which is returned in Content-Location from POST response.

Returns:

- webID
/ *Type*: str /
The web ID (as number).

3.2.9 Method: getResourceByID

Return data of provided resource and ID by GET method

Arguments:

- resourrrceType
/ *Condition*: required / *Type*: str /
The RQM resource type.

- `id`
/ *Condition*: required / *Type*: str /
ID of resource.

Returns:

- `res`
/ *Type*: Response object /
Response data of GET request.

3.2.10 Method: getAllByResource

Return all entries (in all pages) of provided resource by GET method.

Arguments:

- `resourrrceType`
/ *Condition*: required / *Type*: str /
The RQM resource type.

Returns:

- `dReturn`
/ *Type*: dict /
A dictionary which contains response status, message and data.
Example:

```
{
  'success' : False,
  'message' : '',
  'data'    : {}
}
```

3.2.11 Method: getAllBuildRecords

Get all available build records of project on RQM and store them into `dBuildVersion` property.

Arguments:

(no arguments)

Returns:

(no returns)

3.2.12 Method: getAllConfigurations

Get all available configurations of project on RQM and store them into `dConfiguration` property.

Arguments:

(no arguments)

Returns:

(no returns)

3.2.13 Method: getAllTeamAreas

Get all available team-areas of project on RQM and store them into `dTeamAreas` property.

Example:

```
{
  'teamA' : '{host}/qm/process/project-areas/{project-id}/team-areas/{teamA-id}',
  'teamB' : '{host}/qm/process/project-areas/{project-id}/team-areas/{teamB-id}'
}
```

Arguments:*(no arguments)***Returns:***(no returns)***3.2.14 Method: addTeamAreaNode**

Append team-area node which contains URL to given team-area into xml template.

Note: team-area information is case-casesensitive

Arguments:

- root
/ *Condition*: required / *Type*: Element object /
The xml root object.
- sTeam
/ *Condition*: required / *Type*: str /
Team name to be added.

Returns:

- root
/ *Type*: str /
The xml root object with addition team-area node.

3.2.15 Method: createTestcaseTemplate

Return testcase template from provided information.

Arguments:

- testCaseName
/ *Condition*: required / *Type*: str /
Testcase name.
- sDescription
/ *Condition*: optional / *Type*: str / *Default*: "" /
Testcase description.
- sComponent
/ *Condition*: optional / *Type*: str / *Default*: "" /
Component which testcase is belong to.
- sFID
/ *Condition*: optional / *Type*: str / *Default*: "" /
Function ID (requirement ID) for linking.
- sTeam
/ *Condition*: optional / *Type*: str / *Default*: "" /
Team name for linking.

- `sRobotFile`
/ *Condition*: optional / *Type*: str / *Default*: " /
Link to robot file on source control.
- `sTestType`
/ *Condition*: optional / *Type*: str / *Default*: " /
Test type information.
- `sASIL`
/ *Condition*: optional / *Type*: str / *Default*: " /
ASIL information.
- `sOwnerID`
/ *Condition*: optional / *Type*: str / *Default*: " /
User ID of testcase owner.
- `sTCtemplate`
/ *Condition*: optional / *Type*: str / *Default*: None /
Existing testcase template as xml string.
If not provided, template file under RQM_templates is used as default.

Returns:

- `sTCxml`
/ *Type*: str /
The xml testcase template as string.

3.2.16 Method: createTCERTemplate

Return testcase execution record template from provided information.

Arguments:

- `testcaseID`
/ *Condition*: required / *Type*: str /
Testcase ID for linking.
- `testcaseName`
/ *Condition*: required / *Type*: str /
Testcase name.
- `testplanID`
/ *Condition*: required / *Type*: str /
Testplan ID for linking.
- `confID`
/ *Condition*: optional / *Type*: str / *Default*: " /
Configuration - Test Environment for linking.
- `sTeam`
/ *Condition*: optional / *Type*: str / *Default*: " /
Team name for linking.
- `sOwnerID`
/ *Condition*: optional / *Type*: str / *Default*: " /
User ID of testcase owner.

Returns:

- sTCERxml
/ *Type*: str /
The xml testcase execution record template as string.

3.2.17 Method: createExecutionResultTemplate

Return testcase execution result template from provided information.

Arguments:

- testcaseID
/ *Condition*: required / *Type*: str /
Testcase ID for linking.
- testcaseName
/ *Condition*: required / *Type*: str /
Testcase name.
- testplanID
/ *Condition*: required / *Type*: str /
Testplan ID for linking.
- TCERID
/ *Condition*: required / *Type*: str /
Testcase execution record (TCER) ID for linking.
- resultState
/ *Condition*: required / *Type*: str /
Testcase result status.
- startTime
/ *Condition*: required / *Type*: str /
Testcase start time.
- endTime
/ *Condition*: optional / *Type*: str / *Default*: " /
Testcase end time.
- duration
/ *Condition*: optional / *Type*: str / *Default*: " /
Testcase duration.
- testPC
/ *Condition*: optional / *Type*: str / *Default*: " /
Test PC which executed testcase.
- testBy
/ *Condition*: optional / *Type*: str / *Default*: " /
User ID who executed testcase.
- lastlog
/ *Condition*: optional / *Type*: str / *Default*: " /
Traceback information (for Failed testcase).

- buildrecordID
/ *Condition*: optional / *Type*: str / *Default*: " /
Build Record ID for linking.
- sTeam
/ *Condition*: optional / *Type*: str / *Default*: " /
Team name for linking.
- sOwnerID
/ *Condition*: optional / *Type*: str / *Default*: " /
User ID of testcase owner.

Returns:

- sTCResultxml
/ *Type*: str /
The xml testcase result template as string.

3.2.18 Method: createBuildRecordTemplate

Return build record template from provided build name.

Arguments:

- buildName
/ *Condition*: required / *Type*: str /
Build Record name.

Returns:

- sBuildxml
/ *Type*: str /
The xml build template as string.

3.2.19 Method: createConfigurationTemplate

Return configuration - Test Environment template from provided configuration name.

Arguments:

- buildName
/ *Condition*: required / *Type*: str /
Configuration - Test Environment name.

Returns:

- sEnvironmentxml
/ *Type*: str /
The xml test environment template as string.

3.2.20 Method: createTSERTemplate

Return testsuite execution record (TSER) template from provided configuration name.

Arguments:

- testsuiteID
/ *Condition*: required / *Type*: str /
Testsuite ID.
- testsuiteName
/ *Condition*: required / *Type*: str /
Testsuite name.
- testplanID
/ *Condition*: required / *Type*: str /
Testplan ID for linking.
- confID
/ *Condition*: optional / *Type*: str / *Default*: " /
Configuration - Test Environment ID for linking.
- sOwnerID
/ *Condition*: optional / *Type*: str / *Default*: " /
User ID of testsuite owner.

Returns:

- sTSxml
/ *Type*: str /
The xml testsuite template as string.

3.2.21 Method: createTestsuiteResultTemplate

Return testsuite execution result template from provided configuration name.

Arguments:

- testsuiteID
/ *Condition*: required / *Type*: str /
Testsuite ID.
- testsuiteName
/ *Condition*: required / *Type*: str /
Testsuite name.
- TSERID
/ *Condition*: required / *Type*: str /
Testsuite execution record (TSER) ID for linking.
- lTCER
/ *Condition*: required / *Type*: str /
List of testcase execution records (TCER) for linking.
- lTCResults
/ *Condition*: required / *Type*: str /
List of testcase results for linking.

- `startTime`
/ *Condition*: optional / *Type*: str / *Default*: '' /
Testsuite start time.
- `endTime`
/ *Condition*: optional / *Type*: str / *Default*: '' /
Testsuite end time.
- `duration`
/ *Condition*: optional / *Type*: str / *Default*: '' /
Testsuite duration.
- `sOwnerID`
/ *Condition*: optional / *Type*: str / *Default*: '' /
User ID of testsuite owner.

Returns:

- `sTSResultxml`
/ *Type*: str /
The xml testsuite result template as string.

3.2.22 Method: createResource

Create new resource with provided data from template by POST method.

Arguments:

- `resourceType`
/ *Condition*: required / *Type*: str /
Resource type.
- `content`
/ *Condition*: required / *Type*: str /
The xml template as string.

Returns:

- `returnObj`
/ *Type*: dict /
A dictionary reponse which contains status, ID, status_code and error message.
Example:

```
{
  'success' : False,
  'id': None,
  'message': '',
  'status_code': ''
}
```

3.2.23 Method: createBuildRecord

Create new build record.

Arguments:

- sBuildSWVersion
/ Condition: required / Type: str /
Build version - Build Record name.
- forceCreate
/ Condition: optional / Type: bool / Default: False /
If True, force to create new build record without existing verification.

Returns:

- returnObj
/ Type: dict /
A dictionary reponse which contains status, ID, status_code and error message.
Example:

```
{
  'success' : False,
  'id': None,
  'message': '',
  'status_code': ''
}
```

3.2.24 Method: createConfiguration

Create new configuration - test environment.

Arguments:

- sConfigurationName
/ Condition: required / Type: str /
Configuration - Test Environment name.
- forceCreate
/ Condition: optional / Type: str / Default: False /
If True, force to create new Test Environment without existing verification.

Returns:

- returnObj
/ Type: dict /
A dictionary reponse which contains status, ID, status_code and error message.
Example:

```
{
  'success' : False,
  'id': None,
  'message': '',
  'status_code': ''
}
```

3.2.25 Method: updateResourceByID

Update data of provided resource and ID by PUT method.

Arguments:

- `resourceType`
/ *Condition*: required / *Type*: str /
Resource type.
- `id`
/ *Condition*: required / *Type*: str /
Resource id.
- `content`
/ *Condition*: required / *Type*: str /
The xml template as string.

Returns:

- `res`
/ *Type*: Response object /
Response object from PUT request.

3.2.26 Method: linkListTestcase2Testplan

Link list of test cases to provided testplan ID.

Arguments:

- `testplanID`
/ *Condition*: required / *Type*: str /
Testplan ID to link given testcase(s).
- `lTestcases`
/ *Condition*: optional / *Type*: list / *Default*: None /
List of testcase(s) to be linked with given testplan.
If not provide, `lTestcaseIDs` property will be used as list of testcase.

Returns:

- `returnObj`
/ *Type*: dict /
Response dictionary which contains status and error message.
Example:

```
{
  'success' : False,
  'message': ''
}
```

3.2.27 Method: linkListTestcase2Testsuite

Link list of test cases to provided testsuite ID

Arguments:

- testsuiteID
/ *Condition*: required / *Type*: str /
Testsuite ID to link given testcase(s).
- lTestcases
/ *Condition*: optional / *Type*: list / *Default*: None /
List of testcase(s) to be linked with given testplan.
If not provide, lTestcaseIDs property will be used as list of testcase.

Returns:

- returnObj
/ *Type*: dict /
Response dictionary which contains status and error message.
Example:

```
{  
  'success' : False,  
  'message': ''  
}
```

Chapter 4

robotlog2rqm.py

4.1 Function: get_from_tags

Extract testcase information from tags.

Example: TCID-xxxx, FID-xxxx, ...

Arguments:

- lTags
/ *Condition:* required / *Type:* list /
List of tag information.
- reInfo
/ *Condition:* required / *Type:* str /
Regex to get the expected info (ID) from tag info.

Returns:

- lInfo
/ *Type:* list /
List of expected information (ID)

4.2 Function: convert_to_datetime

Convert time string to datetime.

Arguments:

- time
/ *Condition:* required / *Type:* str /
String of time.

Returns:

- dt
/ *Type:* datetime object/
Datetime object.

4.3 Function: process_suite_metadata

Try to find metadata information from all suite levels.

Metadata at top suite level has a highest priority.

Arguments:

- suite
/ *Condition*: required / *Type*: TestSuite object /
Robot suite object.
- default_metadata
/ *Condition*: optional / *Type*: dict / *Default*: DEFAULT_METADATA /
Initial Metadata information for updating.

Returns:

- dMetadata
/ *Type*: dict /
Dictionary of Metadata information.

4.4 Function: process_metadata

Extract metadata from suite result bases on DEFAULT_METADATA.

Arguments:

- metadata
/ *Condition*: required / *Type*: dict /
Robot metadata object.
- default_metadata
/ *Condition*: optional / *Type*: dict / *Default*: DEFAULT_METADATA /
Initial Metadata information for updating.

Returns:

- dMetadata
/ *Type*: dict /
Dictionary of Metadata information.

4.5 Function: process_suite

Process robot suite for importing to RQM.

Arguments:

- RQMClient
/ *Condition*: required / *Type*: RQMClient object/
RQMClient object.
- suite
/ *Condition*: required / *Type*: TestSuite object/
Robot suite object.

Returns:

(no returns)

4.6 Function: process_test

Process robot test for importing to RQM.

Arguments:

- RQMClient
/ *Condition*: required / *Type*: RQMClient object/
RQMClient object.
- test
/ *Condition*: required / *Type*: TestCase object/
Robot test object.

Returns:

(no returns)

4.7 Function: RobotLog2RQM

Import robot results from output.xml to RQM - IBM Rational Quality Manager.

Flow to import Robot results to RQM:

1. Process provided arguments from command line
2. Login Rational Quality Management (RQM)
3. Parse Robot results
4. Import results into RQM
5. Link all executed testcases to provided testplan/testsuite ID

Arguments:

- args
/ *Condition*: required / *Type*: ArgumentParser object /
Argument parser object which contains:
 - resultxmlfile : path to the xml result file or directory of result files to be imported.
 - host : RQM host url.
 - project : RQM project name.
 - user : user for RQM login.
 - password : user password for RQM login.
 - testplan : RQM testplan ID.
 - recursive : if True, then the path is searched recursively for log files to be imported.
 - createmissing : if True, then all testcases without fcid are created when importing.
 - updatetestcase : if True, then testcases information on RQM will be updated bases on robot testfile.
 - dryrun : if True, then just check the RQM authentication and show what would be done.

Returns:

(no returns)

4.8 Class: Logger

Imported by:


```
from RobotLog2RQM.robotlog2rqm import Logger
```

Logger class for logging message.

4.8.1 Method: config

Configure Logger class.

Arguments:

- `output_console`
/ *Condition*: optional / *Type*: bool / *Default*: True /
Write message to console output.
- `output_logfile`
/ *Condition*: optional / *Type*: str / *Default*: None /
Path to log file output.
- `indent`
/ *Condition*: optional / *Type*: int / *Default*: 0 /
Offset indent.
- `dryrun`
/ *Condition*: optional / *Type*: bool / *Default*: True /
If set, a prefix as 'dryrun' is added for all messages.

Returns:

(no returns)

4.8.2 Method: log

Write log message to console/file output.

Arguments:

- `msg`
/ *Condition*: optional / *Type*: str / *Default*: " /
Message which is written to output.
- `color`
/ *Condition*: optional / *Type*: str / *Default*: None /
Color style for the message.
- `indent`
/ *Condition*: optional / *Type*: int / *Default*: 0 /
Offset indent.

Returns:

(no returns)

4.8.3 Method: log_warning

Write warning message to console/file output.

Arguments:

- `msg`
/ *Condition*: required / *Type*: str /
Warning message which is written to output.

Returns:

(no returns)

4.8.4 Method: `log_error`

Write error message to console/file output.

- `msg`
/ *Condition*: required / *Type*: str /
Error message which is written to output.
- `fatal_error`
/ *Condition*: optional / *Type*: bool / *Default*: False /
If set, tool will terminate after logging error message.

Returns:

(no returns)

Chapter 5

Appendix

About this package:

Table 5.1: Package setup

| Setup parameter | Value |
|--------------------|--|
| Name | RobotLog2RQM |
| Version | 1.1.4 |
| Date | 10.11.2022 |
| Description | Imports robot result(s) to IBM Rational Quality Manager (RQM) |
| Package URL | robotframework-robotlog2rqm |
| Author | Tran Duy Ngoan |
| Email | Ngoan.TranDuy@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 6

History

| | |
|---|------------|
| 0.1.0 | 07/2022 |
| <i>Initial version</i> | |
| 1.1.1 | 01.08.2022 |
| <i>Rework repository's document bases on GenPackageDoc</i> | |
| 1.1.2 | 25.08.2022 |
| <ul style="list-style-type: none">- Correct indent of sourcode's docstring.- Update new style for history. | |
| 1.1.3 | 13.10.2022 |
| <ul style="list-style-type: none">- Fix findings and enhance README and document files- Change argument name 'outputfile' to 'resultxmlfile' | |
| 1.1.4 | 10.11.2022 |
| <i>Rename package to RobotLog2RQM</i> | |

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