

Build-in tools in Robot Framework





Build-in tools

Robot
Rebot
Libdoc
Testdoc
Tidy

<http://robotframework.org/robotframework/#built-in-tools>



Robot

Use to run/execute test suites/cases

\$robot --help



Rebot

Generate report based on XML file

Combine multiple output

\$rebot --help



Use case 1

Rerun only failure cases



try_to_fail.robot

```
$robot --output result01.xml *.robot
```

```
*** Test Case ***
```

```
Stable test
```

```
Should Be True      ${True}
```

```
Unstable test
```

```
  ${bool} = Random boolean  
Should Be True      ${bool}
```



try_to_fail.robot

\$robot --output result01.xml *.robot

```
=====
Try To Fail
=====
```

```
Stable test | PASS |
-----
```

```
Unstable test | FAIL |
'False' should be true.
-----
```

```
Try To Fail | FAIL |
2 critical tests, 1 passed, 1 failed
2 tests total, 1 passed, 1 failed
=====
```



Open report.html

Test Details

Totals Tags Suites Search

Name:	Try To Fail
Status:	2 critical test, 1 passed, 1 failed 2 test total, 1 passed, 1 failed
Start / End Time:	20190418 23:44:08.562 / 20190418 23:44:08.587
Elapsed Time:	00:00:00.025
Log File:	log.html#s1

Name	Documentation	Tags	Crit.	Status	Message
Try To Fail . Stable test			yes	PASS	
Try To Fail . Unstable test			yes	FAIL	'False' should be true.



Run only failure case

```
$robot --rerunfailed result01.xml --output  
result02.xml *.robot
```

```
=====
```

```
Try To Fail
```

```
=====
```

```
Unstable test
```

```
| PASS |
```

```
-----
```

```
Try To Fail
```

```
| PASS |
```

```
1 critical test, 1 passed, 0 failed
```

```
1 test total, 1 passed, 0 failed
```

```
=====
```



Open report.html

Test Details

Totals

Tags

Suites

Search

Name:

Try To Fail

Status:

1 critical test, 1 passed, 0 failed
1 test total, 1 passed, 0 failed

Start / End Time:

20190418 23:47:27.131 / 20190418 23:47:27.156

Elapsed Time:

00:00:00.025

Log File:

[log.html#s1](#)

Name	Documentation	Tags	Crit.	Status
Try To Fail . Unstable test			yes	PASS



Test result files

result01.xml

result02.xml



Use case 2

Merge multiple outputs



Merge output files with robot

```
$rebot --merge result01.xml result02.xml
```



Open report.html

Test Details

Totals

Tags

Suites

Search

Name: Try To Fail

Status: 2 critical test, 2 passed, 0 failed
2 test total, 2 passed, 0 failed

Start / End Time: N/A / N/A

Elapsed Time: 00:00:00.002

Log File: [log.html#s1](#)

Name	Documentation	Tags	Crit.	Status	Message
Try To Fail . Stable test			yes	PASS	
Try To Fail . Unstable test			yes	PASS	Re-executed test has been merged. New status: PASS New message: Old status: FAIL Old message: 'False' should be true.

