

Styles for Robot Framework documentation

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1. Robot code blocks

This sample Robot code listing shows keyword definitions and testcases highlighted:

```

*** Settings ***
Library          String      WITH NAME    alias
Test Setup       Log         test started
Test Teardown    Log         test ended
Suite Setup      Run Keyword  Log         suite setup
Suite Teardown   Embedded    "Suite Teardown" Keyword With "some" Argument

*** Variables ***
${INTERESTING_TAXI_NUMBER}    1729
@{SOME_INTERESTING_NUMBERS}   42      ${INTERESTING_TAXI_NUMBER}

*** Keywords ***
Fibonacci
[Arguments]    ${n}
[Documentation] Returns n-th fibonacci number

    ${prev}    Set Variable    ${0}
    ${current} Set Variable    ${1}

    :FOR      ${i}    IN RANGE    ${n}
    \    ${temp}    Set Variable    ${prev}
    \    ${prev}    Set Variable    ${current}
    \    ${current} Evaluate    ${current} + ${temp}
    [Return]    ${prev}

*** Test Cases ***
test case 1
    [Timeout]    60
    # this string argument will be automatically converted
    ${fib}    Fibonacci    10
    Should Be Equal    ${55}    ${fib}
    BuiltIn.Log    ${SOME_NUMBERS}

test case BDD # TODO write more tests
    Given Precondition Is Met
    When Action Is Performed
    And Other Action Is Performed
    Then Result Is Checked

```

Listing 1.1: Robot code example

2. Robot log blocks

This sample Robot log shows all test results highlighted:

```
Suite Executor: Robot Framework 4.0.dev1 (Python 3.9.0 on win32)
=====
Testcases
=====
Testcases.HelloWorld
=====
Hello World | PASS |
-----
Failed test | FAIL |
This is reason for failed testcase
-----
Testcases.HelloWorld | FAIL |
2 tests, 1 passed, 1 failed
=====
Testcases | FAIL |
2 tests, 1 passed, 1 failed
=====
Output: C:\RobotTest\testcases\output.xml
Log: C:\RobotTest\testcases\log.html
Report: C:\RobotTest\testcases\report.html
```

Listing 2.1: Robot log example

3. Robot code and log inline

This is some text with `log To Console Hello RobotFW AIO` inline Robot code.

This is some text with `>git status` inline log.

4. Message boxes

4.1 Information



Info

This is a box which informs you about something!

4.2 Warnings



Warning

This is a box which wants to warn you!

4.3 Good Practice

We can jump to this text of the good practice box



Good

This is a box which wants to tell you what is good practice!

5. Robot Syntax description

Robot Syntax	*** Keywords ***			
	Fibonacci			
	[Arguments]		\${n}	
	[Documentation]		Returns n-th fibonacci number	
	\${prev}		Set Variable	\${0}
	\${current}		Set Variable	\${1}
	:FOR	\${i}	IN RANGE	\${n}
	\	\${temp}	Set Variable	\${prev}
	\	\${prev}	Set Variable	\${current}
	\	\${current}	Evaluate	\${current} + \${temp}
	[Return]		\${prev}	

6. Links

[Link to Good Practice Box Text](#)

link to [section 4.3](#)