

Today we will learn:

1. What are variables in RobotFramework
2. Types of Variables
3. How to create variables
4. How to Refer variables

Useful TIPS

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What are Variables

Variables are elements used to store values that can be referenced by other elements

RobotFramework has 3 types of variables

SCALAR

LIST

DICTIONARY

we can also use

ENVIRONMENT variables

Step 1 : Open RIDE

Step 2 : Create a Test Case for login

<http://opensource.demo.orangehrmlive.com/login>

Step 3 : Create a SCALAR variable for url and refer in TestCase

syntax : \${VariableName}

Step 4 : Create a LIST variable for username and password and refer in TestCase

syntax : @{VariableName}

Step 5 : Create a DICTIONARY variable for username and password and refer inTestCase

syntax : &{VariableName}

Environment

%{variable name}

Useful TIPS

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1. If a non-existent variable is used in test-data, the keyword using it will fail

2. We can set variables from command line

3. Variables are case-insensitive

4. As best practice use uppercase variable names for global variables

And lowercase variable names for local variables

5. Built in variables – <http://robotframework.org/robotframework/latest/RobotFrameworkUserGuide.html#built-in-variables>

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