RNXInt

Introduction to test automation using Ranorex

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RNXInt - Version: 1

🕐 2 days Course

Description:

This course will teach you how to use Ranorex to automate you test case and get the most out of it.

Intended audience:

The course is targeted for testers who want to start working with Ranorex, or that have already started working with it but want to extend their knowledge of the tool.
Because Ranorex is a commercial product, it is recommended to take the course only if your company already decided to purchase the product and work with it.
This course does not require any programming knowledge.

Prerequisites:

Objectives:

Understand the benefits and limitations of automated tests vs manual tests
Be able to create automated tests using Ranorex
Be able to refactor automated tests in Ranorex to be more maintainable

Topics:

Overview on test automation

- Types of automated tests
- Benefits of automated tests
- Limitations of automated tests

Overview on Ranorex

- Benefits
- Supported UI technologies

Creating the first test in Ranorex

- Creating a new Ranorex project
- Recording the test
- Adding validation
- Running the test

Understanding the structure of the project

- Test Suite (rxtst files)
- Recording modules
- The object repository
- Module Groups

Recording modules

- Editing a recording module

- Actions overview
- Action properties
- Creating a recording module from scratch

Test Suite structure

- Arranging the test cases in a suite using folders
- Adding Setup and Teardown
- Understanding Error Behavior

Best practices for structuring the tests

- Creating small modules
- Using Module Groups
- Splitting large modules into module groups

The object repository and the Element Browser

- RXPath and the Element Browser
- Arranging the elements in the repository
- Creating multiple repositories

Using variables

- Variables overview
- Using variables inside a recording module
- Using variables as input and output parameters
- Using variables in RXPath
- Global parameters
- Binding variables to data sources for Data Driven tests

º Creating Reusable modules using variables

Advanced topics

- Using Code to perform addition actions
- Converting recording modules to code
- Running the tests using Ranorex Agent