Acceptance Testing with ReqnRoll

Duration: 2 days **Price: € 1499**

Open Schedule

Acceptance Testing with ReqnRoll

Audience Course Acceptance Testing with ReqnRoll

The course Acceptance Testing with ReqnRoll is intended for C# developers, Test Automation Engineers and Quality Engineers who are involved in Behavior-Driven Development (BDD).

Prerequisites Course Acceptance Testing with ReqnRoll

Knowledge of the fundamentals of C# and the basic concepts of Behavior Driven Development.

Realization Training Acceptance Testing with ReqnRoll

Demo sessions by the trainer, practical exercises and discussion of practical cases.

Certificate Acceptance Testing with ReqnRoll

After successfully completing the course, participants will receive a certificate of participation in Acceptance Testing with ReqnRoll.

Content Course Acceptance Testing with ReqnRoll

In the course Acceptance Testing with ReqnRoll, participants learn to use the open source ReqnRoll BDD framework to write and execute acceptance tests in a C# and .NET environment. ReqnRoll supports the latest versions of .NET and is the successor to the SpecFlow framework.

ReqnRoll Intro

This module introduces ReqnRoll as a modern replacement for SpecFlow. It covers Acceptance Test Driven Development (ATDD), Visual Studio integration, installation, configuration, and core concepts such as user stories, scenarios, and features.

Gherkin Keywords

Participants learn about Gherkin syntax and keywords like Feature, Background, Scenario, Given, When, Then, And, But, and Scenario Outlines. Writing clean and understandable feature files is emphasized.

Step Definitions

This module explains how to map Gherkin steps to automation code. Topics include step definition files, templates, parameterizing with regular expressions, using the features and format options, and sharing data across steps.

Data Driven Testing

Learners explore how to parameterize tests using Scenario Outlines and Data Tables. Topics include raw methods, maps in tables, implementing data-driven steps, and debugging failed scenarios.

ReqnRoll Hooks

This module introduces hooks such as Before, After, Around, and Step hooks (BeforeStep and AfterStep). Tagged hooks and lambda-style syntax for defining hooks are demonstrated.

ReqnRoll Tags

Participants learn to use tags for grouping scenarios, scoping hooks, ignoring tests, and documenting features. Tag expressions and tag inheritance are also covered.

Advanced Topics

Advanced content includes migrating from SpecFlow, CI/CD pipeline integration, interpreting test reports, debugging tests, and optimizing performance.

Optional: NUnit

This optional module introduces NUnit integration with ReqnRoll. Topics include assert statements, test fixtures, annotations, test suites, parallel execution, and parameterized tests.

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Locations
Houten, Amsterdam, Rotterdam, Eindhoven, Zwolle, Online

Modules Course Acceptance Testing with ReqnRoll

Module 1: Reqnroll Intro	Module 2: Gherkin Keywords	Module 3: Step Definitions
ReqnRoll Intro Acceptance Test Driven Development Evolution From Specflow Cucumber for .NET Visual Studio Integration Installing ReqnRoll ReqnRoll Configuration Mocking and Stubbing User Stories Scenarios Features	What is Gherkin? Gherkin Syntax Feature Files Gherkin Keywords Feature Keyword Background Keyword Scenario Keyword Given and When Keyword Then and And Keyword But Keyword Scenario Outlines	Mapping Gherkin Steps Step Definitions Step Definition File Step Template Automation Script Step Implementation Parameterizing Steps Using Regular Expressions features Option Sharing Data format Option
Module 4: Data Driven Testing	**Module 5: ReqnRoll Hooks**	**Module 6: ReqnRoll Tags**
Parameterization Scenario Outline Executing Examples Data Tables Raw Methods Maps in Data Tables Test Step Implementation Matching Steps Failed Steps	What are Hooks? Scenario Hooks Before Hook After Hook Lambda Style Around Hook Step Hooks BeforeStep and AfterStep Tagged Hooks	What are Tags? Scenario Subset Scoping Hooks Tag Placement Tag Inheritance Tag Expressions Run Scenario Subset Ignoring Scenarios Tags for Documentation
Module 7: Advanced Topics	**Optional Module 8: NUnit**	
Migration from SpecFlow Migration challenges Continuous Integration Reqnroll in CI/CD pipeline Interpreting Test Reports Debugging Reqnroll Tests Performance Optimization	NUnit Integration Assert Statements Fixtures Annotations Test Suites Parallel Execution Parameterized Tests	

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