SpecFlow Acceptance Testing

Duration: 2 days	**Price: € 1299**

Open Schedule

Audience Course Acceptance Testing
The course Acceptance Testing with **SpecFlow** is targeted at testers, developers and others who want to use SpecFlow and Gherkin for the specification of automated tests.

Prerequisites Acceptance Testing with SpecFlow
Experience with testing and/or programming in C# or Java is strongly recommended to participate in the course Acceptance Testing with SpecFlow.

Realization training Acceptance Testing
The theory is explained by means of presentations and demos. Scenarios are implemented as exercises in C# with the Visual Studio development environment. Theory and practice are interchanged. Course times are from 9:30 to 16:30.
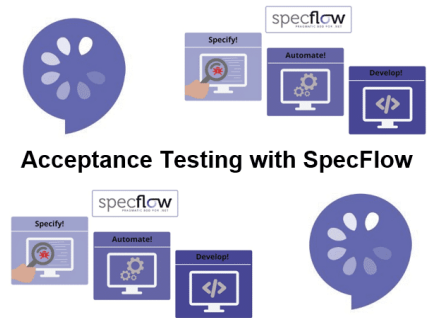
Certification Acceptance Testing with SpecFlow
After successful completion of the course, the participants receive an official certificate Acceptance Testing with SpecFlow.

Acceptance Testing with SpecFlow

Content Course SpecFlow Acceptance Testing

In the course Acceptance Testing with SpecFlow it is discussed how the open source framework SpecFlow in combination with the scenario language Gherkin can be used to write the specifications for automated acceptance tests.

SpecFlow BDD
SpecFlow, also called Cucumber for .NET, is a Behavior Driven Development tool with which test scenarios are drawn up in common language in consultation with the customer and end user. The scenarios are also intended for developers and serve as input for the generation of automated test scripts in a programming language and test framework.

Gherkin Feature Files
In the course Acceptance Testing with SpecFlow attention is paid to the compilation of Feature files, the syntax of the Gherkin specification language and the creation of a template file for the step definitions. Various SpecFlow configuration options are explained.

SpecFlow Hooks
Furthermore, Data Driven testing with SpecFlow and the parameterization of tests are discussed. The application of hooks that are performed before, after or during a test step is also on the course schedule.

SpecFlow Integration
Finally attention is paid to SpecFlow tags, SpecFlow expression language and the integration with the NUnit Test Framework. The course Acceptance Testing with SpecFlow uses C# as the programming language and NuGet for downloading SpecFlow and NUnit dependencies.

Modules Course SpecFlow Acceptance Testing

Module 1 : SpecFlow Intro	Module 2 : Gherkin Keywords	Module 3 : Step Definitions
SpecFlow Intro	What is Gherkin?	Step Definitions
SpecFlow Configuration	Gherkin Syntax	Step Definition File
Visual Studio Integration	Feature Files	Step Template
Acceptance Test Driven Development	Gherkin Keywords	Automation Script
ATDD for .NET	Feature Keyword	Step Implementation
Cucumber for .NET	Background Keyword	SpecFlow Options
Project Requirements	Scenario Keyword	dryRun Option
Mocking and Stubbing	Given and When Keyword	monochrome Option
User Stories	Then and And Keyword	features Option
Scenarios	But Keyword	glue Option
Features	* Keyword	format Option

Module 4 : Data Driven Testing	Module 5 : SpecFlow Hooks	Module 6 : SpecFlow Tags
Parameterization	What are Hooks?	What are Tags?
Scenario Outline	Scenario Hooks	Scenario Subset
Executing Examples	Before Hook	Scoping Hooks
Data Tables	After Hook	Tag Placement
Raw Methods	Lambda Style	Tag Inheritance
Maps in Data Tables	Around Hook	Tag Expressions
Test Step Implementation	Step Hooks	Run Scenario Subset
Matching Steps	BeforeStep and AfterStep	Ignoring Scenarios
Failed Steps	Tagged Hooks	Tags for Documentation

Module 7 : Extending SpecFlow	Module 8 : NUnit and MSTest	
SpecFlow+	NUnit Integration	
SpecMap	MSTest Integration	
Automapper	Assert Statements	
SpecFlow.Assist	Assert Class	
Scoped Bindings	Fixtures	
Multiple Bindings	Annotations	
Context Injections	Test Suites	
SpecFlow Tables	Suite in Suite	
SpecFlow Report Generation	Parallel Execution	
SpecFlow and Pickles	Parameterized Tests	