

Acceptance Testing Training

A Collection of Three Courses

CD Ltd has a collection of 3 courses, in which Dave Farley demonstrates, through a mix of theory and worked examples from real-world projects, the practices and techniques of a BDD-approach to Acceptance Testing. Learn to analyse problems in a way that helps to determine which product features to develop, learn to write better stories and specifications, reduce reliance on manual testing and produce better outcome-focused software for your users.

Each course has been designed to meet the needs of different roles in the Software development process. Pick the course that is right for you!

Understanding Acceptance Testing

For entrepreneurs and leaders, domain experts and specialists. Learn to create better requirements that communicate business goals and ideas for new features, with your technical colleagues, leading to resilient better-designed software.

Acceptance Testing with BDD

For Product Owners, QA/Testers, BAs and Technical Leads. Learn techniques to analyse problems, find Stories and Examples, so you can write Specifications for new software that are understandable, stable and resilient to change.

ATDD & BDD: From Stories to Executable Specifications

Our most technical course on Acceptance Testing, for Developers, Programmers, Engineers and Technologists who turn ideas for new products into software. Learn to translate Stories and Examples into Executable Specifications, and practise techniques for building durable tests and infrastructure for Automated Acceptance Testing.

SHOULD I START WITH THE FIRST COURSE AND PROGRESS TO STUDY ALL THREE?

No. These courses are not a progression from 'basic' to 'advanced'. They each contain the same core content, with additional modules tailored to suit the different roles involved in software development. You only need the one course that's the best fit for you.

Or, you can buy a combination of courses, to suit the different members of your team, whatever their role in writing requirements, coding and testing.

Course Content

These three courses explore “Acceptance Testing”, “Behaviour Driven Development (BDD)” and “Specification by Example” in the context of Dave Farley’s “Four-Layer Model”. What tools and techniques are effective? How we can avoid the common pitfalls which can lead to tests that are difficult, fragile, slow and prone to intermittent failure.

Through a mix of theory, practical exercises and worked examples, we demonstrate the practices and techniques of high-level functional testing using "Executable Specifications" as the model for the behaviour of a system, and use this as a guiding principle for the development process.

These courses start with the questions - What is Acceptance Testing? and How do we implement it across our organisation? and conclude by looking at how we create effective, efficient test cases in complex systems.

Understanding Acceptance testing includes:

- [The team roles and responsibilities of Acceptance Testing](#)
- [Defining the Behaviour of the System](#)
- [Event Storming - Understanding Your Problem](#)
- [Capturing & Translating Requirements](#)
- [Specification by Example](#)
- [How Test First Improves Design,](#)
- [Properties of Good Acceptance Tests](#)
- [What to Test, and](#)
- [Techniques to write requirements, or "specifications" that describe WHAT we want the system to do, and not HOW it will do it.](#)

In the **Acceptance Testing with BDD** course, we cover all these topics and develop these ideas and techniques further - exploring the link between an effective, story-based, approach to requirements and practising the skills to map from Story to Acceptance Test.

We share real world examples of Executable Specifications and set some problems for you to practise writing tests using these techniques:

- [Story-Mapping](#)
- [Domain Specific Language](#)
- [Story-Mapping - Organising Requirements](#)
- [Test First and TDD](#)
- [Three Practical Exercises in Story-Mapping and Finding Stories & Examples](#)
- [Video Demonstrations of Writing Stories as a Team](#)

In **ATDD & BDD: From Stories to Executable Specifications**, we progress further, using Dave Farley's "Four-Layer Approach" to organising and developing testing infrastructure to make tests easy to write, easy to understand, and flexible in the face of system change. We cover more technical and tricky topics, such as:

- [Acceptance Tests & BDD](#)
- [The Language of Exec Specs](#)
- [Building a DSL for Testing](#)
- [Test Isolation](#)
- [Protocol Drivers and Stubs](#)
- [Testing Asynchronous Systems](#)
- [Testing Time](#)
- [Dealing with Intermittent Tests](#)
- [Managing Test Isolation, Intermittency and Asynchrony](#)

The course concludes by looking at the scope of Acceptance Testing and Test strategy - how to build effective, efficient test cases in complex systems.