



TRAINING COURSE OUTLINE

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Agile Software Development for Practitioners – 3 Days

Agile methods promotes a move away from the inefficiencies of creating and following a big, detailed up-front design, and instead advocates an emphasis on planning and prioritising “just enough” to deliver in short iteration cycles.

Agile enables organisations to be responsive to change and enables them to plan, prioritise and evolve the best solution - through concentrated, high quality cycles of testing, coding and refactoring, driven by requirements or ‘user stories’ within a high level architecture.

Drawing on all leading Agile methods including eXtreme Programming, Scrum, DSDM (Dynamic Systems Development Method) Atern, the Agile/Open Unified Process and Lean Software Development, this course focuses on the day-to-day practices and techniques that may be employed by an Agile Project team for more effective Agile software development.

Audience

This course is intended for anyone involved in an Agile Software Development project team; including Analysts, Architects, Developers, Testers and Business Customer/Users. It is also suitable for anyone supporting or managing an Agile Project team who requires a detailed understanding of the practices and benefits of Agile Software Development.

Content

- Agile Business Analysis
- Requirements and User Stories
- Prioritisation, Estimating and Iteration Planning
- Agile Architecture and Refactoring
- Daily Scrums and Project Retrospectives
- Coding Standards
- Test Driven Development - TDD
- Code Refactoring
- Automated Testing
- Unit, System and Integration Testing
- User Acceptance Testing - UAT
- Test Automation
- Documentation in Agile
- Deployment

Additional Details

Duration 3 days

Setup Laptop projection; flip charts; space for groups of three or four to work together in comfort.

Options This course can be delivered with a focus on any chosen method or combination of methods: generic Agile, Lean, Scrum, DSDM Atern, the Agile/Open Unified Process or any client-specific local practices.