



AGILE FOR LEGACY APPLICATIONS AND BAU

Course Description

Each of us has a different intuitive idea of what constitutes a “legacy” application, but we probably agree that one characteristic of a legacy application is that it’s hard to change. How does one deal with legacy applications in an Agile world? How does Agile work in the mainframe and Cobol world? Furthermore more that 60% of IT budgets are spent on maintenance and support or ‘business as usual’ (BAU) as some call it. How can Agile be used effectively in this ‘lights-on’/ production support space?

This course will look at ways you can effectively use agile practices in projects dealing with legacy applications and in the ‘BAU’ space. It will also look in-depth at ways of dealing with the challenges faced by Agile teams in the legacy and mainframe worlds.

Course Outline

Legacy Challenges?

- What is legacy?
- What are the key legacy challenges and how do they manifest themselves
- How can we deal with some of these challenges?

Agile in the Production support world

- How do you use Agile in a production support environment
- What are the benefits of doing this
- What are the challenges of Agile in a production support environment

Agile requirements and planning in the legacy space

- Suitably sizing stories in the legacy world
- Suitably sizing iterations in the legacy world
- Traditional legacy documentation and Agile

Agile design challenges for legacy

- How much design should be done
- Where should design be done
- How should design be done in the legacy world
- Who should do the design in the legacy world

Agile development challenges for legacy

- Multiple developers using the same mainframe module
- Shared development environments
- Unit testing in the mainframe world
- TDD in the legacy space
- Refactoring and pair programming

Agile Testing challenges for legacy

- Exposing and dealing with technical debt
- Continuous integration in the mainframe world
- Regression testing tips in the legacy space

Tips and tricks for working Agile in the legacy, mainframe and production support world



Learning Objectives

To learn the techniques and best practices of running Agile projects in a legacy and production support environments.

Target Audience

This course is appropriate anyone involved in the maintenance or extension of an application.

This includes Business and Systems Analysts, Architects, Software Engineers, Systems Engineers, Testers and Test Analysts and Project Managers.