

Agile Fundamentals

Introduction



Stephen Haunts

@stephenhaunts | www.stephenhaunts.com

Course Audience

Developers

Project Managers

Senior IT and
Business Management

Course Overview

Waterfall Development
and its Problems

What is Agile?

Common Agile
Misconceptions

Course Overview

The Benefits of Agile

Extreme
Programming

Scrum Framework

Waterfall Development and Its Problems

Waterfall methodology

What is waterfall? Advantages and disadvantages

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Waterfall methodology

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V-Model methodology

What is the V-Model? Advantages and disadvantages

What Is Agile All About?

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What is agile and why would we consider it?

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The agile manifesto

What are the manifesto's core values and principles?

Common Agile Misconceptions

There are many common misconceptions
Misconceptions can be disruptive to agile adoption

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Misconceptions can be disruptive to agile adoption

What are the common misconceptions?

Why are they wrong?

The Benefits of Agile

Benefits to the development team
Why does agile benefit a development team?

The Benefits of Agile

Benefits to the development team

Why does agile benefit a development team?

Benefits to the business

Why does agile benefit your business?

Extreme Programming

What is extreme programming?

Explanation of extreme programming and its history

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Key concepts of extreme programming

Activities, Principles, Values and Rules

Scrum

What is Scrum?

Explanation of scrum and its history

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Explanation of scrum and its history

Key concepts of Scrum

Scrum values, roles, artifacts and activities