

Continuous Delivery - Better Software Faster Course Prospectus

Purpose

Get the benefits of Continuous Delivery for your software, your team and your business. Understand the foundational principles, learn the CD mindset, and evaluate your practice against the essential techniques, so you can improve and transform your software development process to get fewer bugs, quicker releases, less stress and higher quality code, and have more FUN doing it!

Objectives

- Understand the elements of Continuous Delivery from first principles, to “get the CD Mindset”.
- Practise the essential techniques to implement a Continuous Delivery approach and build Better Software Faster.
- Understand how an efficient Deployment Pipeline will organise your software development efforts, to move quickly and reliably.
- Learn about examples from organisations who have transformed their businesses, so you can adopt practical models to implement Continuous Delivery.
- Assess your current Continuous Delivery capability, and get a targeted report from Dave Farley to guide you to make progress through continuous improvement.

Content

Continuous Delivery is a holistic approach practised by many of the most successful businesses on the planet! This course encompasses technical, organisational and cultural performance and will teach you the Continuous Delivery techniques you need to deliver quality software into the hands of your customers more quickly.

Explore why CD is the way to develop better software faster, and is better for business. And then go through the essential elements that you need to implement CD for your software, your team and your organisation:

- [Achieve repeatability and reliability](#)
- [Applying scientific principles](#)
- [The Deployment Pipeline](#)
- [Reducing the Cycle Time](#)
- [Automated Testing](#)
- [Automation - Release to Production](#)
- [Controlling the Variables](#)
- [Working in Small Steps](#)
- [Making Evidence-based Decisions](#)
- [Working in Small Autonomous Teams](#)
- [Agility in Practice](#)

Conclude with an on-line self-assessment tool, where you can rate how well you are currently working with Continuous Delivery, and get a tailored report from Dave Farley offering targeted advice to help you make progress.