

# SCHEDULE OF WORKSHOPS AND TUTORIALS

**Update Your Team's Skills  
with these Deep-Dive Workshops**

**Organised by:**



# Blockchain Masterclass

12 September 2017, Dublin; 4 October 2017, London;  
16 October 2017, Amsterdam

Presenter: Franco De Vita, *BlockchainOrganiseren*



## Background:

The Masterclass deals with the main elements of Blockchain and the many possibilities offered by this new technology. New developments in this area are discussed.

The theory will be illustrated by Blockchain specific use cases (Government, Supply chain, Energy, Insurance and the more). Some use cases are impeded by legacy or by regulation, this will be discussed in plenary sessions.

The main goal is to provide the audience the necessary handles to assess at strategic level what is the added value of Blockchain, whether Blockchain can be used for a specific use case and what are the consequences.

## Programme:

- ✓ Introduction to Blockchain
- ✓ History
- ✓ What is Blockchain
- ✓ How does Blockchain work
- ✓ Permissionless vs. Permissioned Blockchain
- ✓ Smart Contracts & Smart Oracles
- ✓ Use cases

## Interaction with audience can be enhanced by:

- ✓ Kahoot
- ✓ Plenary discussion
- ✓ Assignment "Blockchain use case"



**Franco De Vita** Senior Interim Professional: 30+ years of experience, resulting in a very solid base in managing People, Expectations and Processes. Capability in managing technical organizations and large scale IT projects.

**For in-house delivery of this workshop for your teams,  
contact: [stuti@unicom.co.uk](mailto:stuti@unicom.co.uk).**

## Ticket Prices for Dublin

Super Early Bird until 11 August:	€225
Early Bird until 31 August:	€325
Standard:	€425

## Ticket Prices for London

Super Early Bird until 18 August:	£225 + VAT
Early Bird until 8 Sept:	£325 + VAT
Standard:	£425 + VAT

## Ticket Prices for Amsterdam

Super Early Bird until 25 August:	£225 + VAT
Early Bird until 15 Sept:	£325 + VAT
Standard:	£425 + VAT

**Book Here**

20% discount on the total price when booked together with the Summit. Four for three offer applies with this discount.

# Data Visualization Workshop

29 September 2017 , London

Presenters: Duncan Clark and Mark Wilcock



## Part 1: Data Visualization Charts, maps exploration and story telling

### Morning: How to Make Stunning Interactive Data Visualisations And Stories

This hands-on workshop will show participants how to use the next-generation Flourish data visualisation and storytelling system to easily produce agency-quality charts, maps, globes, explorers and more. Thousands of companies are on the waiting list to use Flourish; participants at this workshop will get a free account weeks before the public release.

- ✓ Session 1: Overview of Flourish. Background, tour and demo.
- ✓ Session 2: (hands on): Making visualisations. Creating charts, maps, globes and surveys.
- ✓ Session 3: (hands on): Marking stories. Combining multiple visualisations into an animated story/presentation.

**Requirements:** a laptop for making projects.

**Presenter:** Duncan Clark, *CEO Kiln, the creators of Flourish*



**Duncan Clark** is co-founder and CEO of multi-award-winning data visualisation studio Kiln, the creators of the Flourish data storytelling platform. Before working full-time on visualisation Duncan was a data journalist and consultant editor at the Guardian, an author and publisher (Profile, Penguin Books) and an honorary researcher (UCL).

## Part 2: Data Analysis and Visualization with Power BI

### Afternoon: Data Analysis and Visualisation with Power BI – Beginners Hands-On Workshop

This hands-on workshop is an introduction to data analysis and visualisation, aimed at beginners. We'll be using Power BI, a popular tool for data preparation, transformation and visualisation from Microsoft. We'll practice a set of guided exercises to load some interesting datasets, quickly explore the data, then transform and visualise it to gain some insights.

**Requirements:** a laptop for making projects.

**Presenter:** Mark Wilcock, *Independent Consultant/Data Scientist*



**Mark Wilcock** is an independent consultant specialising in the analysis, reporting and visualisation of data. He is a Microsoft MVP (Most Valuable Professional). He is the organiser of London Business Analytics Groups, a popular meetup.

**For in-house delivery of this workshop for your teams,  
contact: [stuti@unicom.co.uk](mailto:stuti@unicom.co.uk).**

4 people attend for the price of 3, use the coupon code "DV443" when booking.

## Ticket Prices

Early Bird until 18 August  
Standard:

£295 + VAT  
£395 + VAT

**Book Here**

For combined price of the conference "Data Visualization" and the workshop, please contact to [info@unicom.co.uk](mailto:info@unicom.co.uk)

# Using AWS to Create a Scalable, Available and Secure Environment

18 October 2017, London; 16 November 2017, Dublin; 13 December 2017, Manchester;  
26 February 2018, Brussels; 18 April 2018, London

Presenter: Josh Dvir, Devops Architect & Managing Director@DevopsPro



With AWS as the leading public cloud provider today you can run all your applications easily and securely.

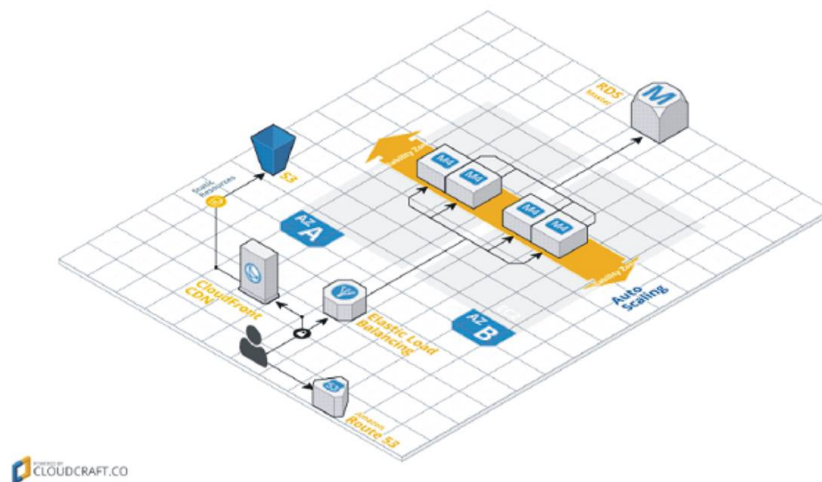
You will learn the foundation AWS services like EC2, VPC, ELB, Auto Scaling Groups, to more advanced managed services by AWS like RDS, ElastiCache, AWS ES and more.

This hands-on workshop introduces and applies a number of simple but powerful tools to enable non-invasive governance in a heterogeneous and empowered lean-agile delivery organisation.

In this workshop we will take a simple web application and we will create a scalable, highly available and secure environment for it.

We will show how to manage deployments, rollbacks and how to manage backups of the application data.

**The design will look like this:**



**This workshop contains the following activities:**

- ✓ Working with the AWS UI – creating instances, load balancers, managing security groups and more.
- ✓ Working with the AWS CLI – using the CLI you have access to all AWS services and metadata you'll ever need, you can create, edit, delete and manage all AWS resources.
- ✓ Common challenges surrounding high availability, scaling and security. By the end of the day you will understand and know how to use AWS core services, we will use services that help us manage our applications easily and simplifies deployments.

**By the end of the day you will understand and know how to use AWS core services, we will use services that help us manage our applications easily and simplifies deployments.**

This seminar is intended for beginners / intermediate delegates who aim to require knowledge and experience with AWS services.

**Intended Audience**

- ✓ Operation engineers
- ✓ IT engineers
- ✓ System administrators
- ✓ Devops engineers
- ✓ Software developers

# Using AWS to Create a Scalable, Available and Secure Environment

## Workshop Agenda

- ✓ Introduction to AWS services:
  - **Regions + AZ**  
Show a map of AWS regions around the world  
Explain that every region is divided to ~4 Azs
  - **S3**  
Explain the idea of object store  
Explain the SLA and how it is backed up around regions
  - **VPC**  
Explain the Concept, why use a VPC  
Explain the concept of VPC peering.  
Show a bubble of the structure and basic networking (subnets per Simple DNS explanation.
  - **ELB**  
Load balancing as a service by AWS
  - **Autoscaling Groups**  
Explain the concept of elasticity in the cloud
  - **Security Groups**  
Explain the concept of stateless “gate” in front of ec2
  - **EC2 + EBS**  
The heart of AWS, explain the concept of AWS virtualization (hypervisor, shared tenancy etc...)
  - **RDS**  
Just relational DB service by AWS
  - **CloudWatch**  
Monitoring, logging and events triggers of ALL services
  - **IAM**  
Explain the concept of groups, users, roles and policies  
How a role and policy are being consumed and why is it important to differentiate services and permissions.  
Explain the concept of groups, users, roles and policies
  - **Elasticbeanstalk**  
AWS service that creates a full application architecture using other AWS services.
- ✓ Microservices – Microservices today has to be highly available, scalable, must have an easy deploy mechanism with little configuration and fast deployment.
- ✓ Create a web application using Docker on AWS using Elasticbeanstalk as a wrapper for EC2, ELB, EBS, RDS, Autoscaling Groups, Security Groups and more.

## Sectors:

- ✓ Software Enterprises
- ✓ Financial sector
- ✓ Media companies
- ✓ Telecom
- ✓ Government
- ✓ Retails
- ✓ E-commerce
- ✓ IT companies

## Who should attend:

- ✓ Software operations engineers
- ✓ Developers
- ✓ IT system administrators
- ✓ Deployment and reliability engineers
- ✓ Devops engineers



# Using AWS to Create a Scalable, Available and Secure Environment

## Prerequisites:

✓ Laptop



**Josh Dvir** is the father of 2 sweet girls, a software engineer and an open source contributor.

He has a vast experience in building large scale web applications and helping people to develop their professional path with the confidence to learn new things on a continuous basis and be proud of their achievements.

Previously, Josh established a few startups and served as a VP R&D in a few software companies.

He holds knowledge and experience in DevOps, Linux, Continuous Integration and Delivery.

His expertise also includes Cloud computing, Monitoring, Linux Containers, Version Control, Issue Tracking, Code Review, Development process, Application performance, Analytics, Auto Scaling and Durability.

Josh is a public speaker and invests his time to share his knowledge about how to overcome technical and business gaps by adopting the right solutions and practices.

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contact: [stuti@unicom.co.uk](mailto:stuti@unicom.co.uk).**

## Ticket Prices for London

Super Early Bird until 18 Aug:	£325 + VAT
Early Bird until 15 Sept:	£425 + VAT
Standard:	£525 + VAT

## Ticket Prices for Dublin

Super Early Bird until 15 Sept:	€390
Early Bird until 16 Oct:	€490
Standard:	€590

## Ticket Prices for Manchester

Super Early Bird until 13 Oct:	£325 + VAT
Early Bird until 13 Nov:	£425 + VAT
Standard:	£525 + VAT

## Ticket Prices for Brussels

Super Early Bird until 15 Dec:	€390
Early Bird until 26 Jan:	€490
Standard:	€590

## Ticket Prices for London

Super Early Bird until 16 Feb:	£325 + VAT
Early Bird until 16 March:	£425 + VAT
Standard:	£525 + VAT

**Book Here**

# Value Driven Agile: How to Deliver Values and Qualities Early, Frequently and Continuously

30 October 2017, London

Presenter: Tom Gilb, *Methods Inventor and Author*



Agile, as usually taught is a framework, and you are expected to tune it to your needs. Most versions of agile do not explicitly teach you how to deal with IT system qualities and other values. The result, if you do not take action, is usually focus on delivering an IT system, or even worse 'code'. The average agile failure rate is 40% (Sutherland), and Scrum says they have 'only' 19% project failure (Sutherland). Failure means that you did not deliver the quality and values stakeholders expect within budget and deadline. IT systems should in our opinion have near zero failure rate. But then we have add something that most people do not have in place. This addition is explicit targeting of numeric stakeholder values and qualities; together with management of the deadline and budget.

1. Overview: Agile supplements to Scrum.
2. Quantified Value and Quality Requirements: business results focus.
3. Quantification of all strategies and architecture: technology must serve business results.
4. No Cure No Pay Contracting: agile contracting for value not code & work.
5. Dynamic Design to Cost: agile quality, value and cost management.
6. Advanced Product Owner Responsibilities and Capability: much better requirements and design than conventional agile offers.
7. Summary: Management Policy for Value Driven Agile.

**Please bring, if possible, a laptop or tablet etc** so you can access fully the presentation and other documentation, as well as tools for smart advanced quality and cost decision-making and communication or presentation.



**Tom Gilb and Kai Gilb** have, together with many professional friends and clients, personally developed the Agile methods they teach. The methods have been developed over five decades of practice all over the world in both small companies and projects, as well as in the largest companies and projects. Their website [www.Gilb.com/](http://www.Gilb.com/) offers blogs, videos, books, papers, slides, and cases about Agile and other subjects.

His new (digital only) book 'Value Planning' 2016 is available digitally ([leanpub.com/ValuePlanning](http://leanpub.com/ValuePlanning), and [gilb.com](http://gilb.com) (discount for participants))

Tom has guest lectured at universities all over UK, Europe, China, India, USA, Korea – and has been a keynote speaker at dozens of technical conferences internationally. He did a TEDx talk in Trondheim in 2013.

Tom is an Honorary Fellow of the BCS.

**For in-house delivery of this workshop for your teams,  
contact: [stuti@unicom.co.uk](mailto:stuti@unicom.co.uk).**

## Ticket prices

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Early Bird until 30 Sept:	£325 + VAT
Standard:	£425 + VAT

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Four for three offer applies with this discount.

# Managing Successful Test Automation

30 October 2017, London; 13 February 2018, Manchester;  
26 April 2018, Brussels; 14 June 2018, Dublin

Presenters: Seretta Gamba, Mark Fewster

Many organisations have invested a lot of time and effort into test automation but they have not achieved the significant returns that they had expected. Some blame the tool that they use while others conclude test automation doesn't work well for their situation. The truth is often very different. These organisations are typically doing many of the right things but they are not addressing key issues that are vital to long term success with test automation.

This workshop describes the most important issues that you must address, and helps you understand and choose the best approaches for your organization—no matter which automation tools you use. Management issues including responsibilities, automation objectives and return on investment are covered along with an explanation of the pros and cons of different scripting approaches.

The target audience for this tutorial is people involved with managing test automation who need to understand the key issues in making test automation successful. Technical issues are covered at a high level of understanding; there are no tool demos!

## Content:

### Session 1:

Test automation objectives  
Responsibilities  
Pilot project  
Measuring test automation  
Return on Investment (ROI)

### Session 2:

Objectives of scripting techniques  
Scripting approaches  
Domain specific test language.

## Test Automation Management Patterns

### Laptops or tablets required for this half of the workshop

There are many problems in automating system level test execution. The surprising thing is that many people encounter the same problems, yet usually they are not aware of common solutions that have worked well for others – these are the “patterns”.

Although unit test patterns are known elsewhere, our patterns address more general issues. They cover the categories of management, process, design and execution to help recognize common test automation issues and show how to identify the appropriate patterns to solve the problems. Issues such as UNREALISTIC EXPECTATIONS or HIGH MAINTENANCE COST are addressed by patterns such as CLEAR GOALS, MAINTAINABLE TESTWARE and MANAGEMENT SUPPORT.

The tutorial uses a mix of lecture, exercises and group discussion to explore the patterns and find solutions for common issues. A few selected patterns are covered in depth, and there is time for attendees to address the issues and problems they most want to learn more about.

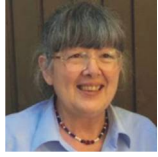
## Outline of workshop:

- ✓ Introduction & attendee problems
- ✓ TestAutomation Issues and Patterns
- ✓ Using the TestAutomation Patterns Wiki
- ✓ Patterns in depth:
  - MANAGEMENT SUPPORT
  - SET CLEAR GOALS
  - MAINTAINABLE TESTWARE
  - DEPUTY
- ✓ Exploring of issues and patterns most relevant to attendees



# Managing Successful Test Automation

## Presenters:



**Seretta Gamba** has forty years' experience in development and fifteen in test automation. After going through all the usual developer roles, in 2001 she was put in charge of test automation. She developed a framework that enabled her company to quickly get excellent results. Having talked about the framework in a couple of conferences she met Dorothy Graham and was invited to write a chapter in the book, *Experiences of Test Automation*. With Dorothy Graham she has been developing the TestAutomation Patterns Wiki and is now writing a story book about the patterns.



**Mark Fewster** has over 30 years of industrial experience in software testing across test management, test techniques and test automation. He has provided consultancy and training in software testing, published papers and co-authored two books with Dorothy Graham, "Software Test Automation" and "Experiences of Test Automation". Mark has spoken at numerous national and international conferences and has participated on the ISTQB working group responsible for the advanced level certification for test automation engineers. Mark is the Director of Grove Software Testing Ltd., formerly Grove Consultants, offering ISTQB accredited training and licensed courseware, and test automation management consultancy.

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contact: [stuti@unicom.co.uk](mailto:stuti@unicom.co.uk).

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Standard:	£525 + VAT

## Ticket Prices for Manchester

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Early Bird until 19 Jan:	£425 + VAT
Standard:	£525 + VAT

## Ticket Prices for Brussels

Super Early Bird until 23 Feb:	€390
Early Bird until 23 Mar:	€490
Standard:	€590

## Ticket Prices for Dublin

Super Early Bird until 13 Apr:	€390
Early Bird until 18 May:	€490
Standard:	€590

[Book Here](#)

# Disciplined Agile in a Nutshell

1 November 2017, London

Presenter: Mark Lines, *Enterprise Agile Coach, Disciplined Agile Consortium*

Agile transformation is hard because cultural change is hard. It's not one problem that needs to be solved, but a series of hundreds decisions affecting lots of people over a long period of time that affects relationships, processes, and even the state of mind of those working within the change.

Disciplined Agile (DA) is unlike any other framework, because it's based on empiricism, industry data and adoption of proven practices. The result is a huge wealth of structured information that allows you to map your challenges into a tree structure of proven strategies that other people have found to work in practice. In effect you can apply the DA framework to identify process improvements that reflect the actual situations faced by your teams.

This workshop focuses on how to apply the DA framework to deliver sophisticated agile solutions in the enterprise. The DA framework builds on the existing proven practices from agile methods such as Scrum, Extreme Programming (XP), Lean software development, Unified Process, and Agile Modeling to include other aspects necessary for success in enterprise-class settings. Filling in the gaps left by mainstream methods, DA provides guidance on how to effectively plan and kickstart complex projects as well as how to apply a full lifecycle approach, with lightweight milestones, effective metrics, and agile governance.

This one-day workshop is not technical and is suitable for all team members. Group exercises reinforce the principles learned. The workshop is valuable for anyone who wants to understand how agile solution delivery works from end-to-end or anyone tasked with moving from traditional approaches to agile, particularly in enterprise settings. The day earns you 7PDU / contact hours.

## Audience:

- ✓ IT practitioners new to agile who want to get an effective start at agile solution delivery
- ✓ Existing agile practitioners who want to take it to the next level
- ✓ Senior IT Management who want to gain a deep understanding of how to take a disciplined approach to agile solution delivery
- ✓ Agile practitioners who seek the designation of Certified Disciplined Agilist (CDA) or a Certified Disciplined Agile Practitioner (CDAP)
- ✓ PMI-ACP aspirants or current certification holders – PMI is the world's largest not-for-profit membership association for the project management profession. PMI-ACP (PMI Agile Certified Practitioner) 'was' created for those who believe in and apply agile principles and practices on projects. It requires a combination of training, experience and an exam.

## What You'll Learn

- ✓ Discover how agile solution delivery works in enterprise-class settings
- ✓ Learn how to avoid costly "agile beginner mistakes" by starting with a full delivery lifecycle
- ✓ Learn how all aspects of software delivery – architecture, design, testing, programming, leadership, quality assurance, data administration – come together in a cohesive whole
- ✓ Discover how to tailor your agile process to reflect the actual situation you find yourself in
- ✓ Learn how people in traditional roles can transition into an agile team

## Additional Benefits

- ✓ One complimentary Certified Disciplined Agilist (CDA) test attempt when written within 30 days of the workshop end date, a \$100 US value
- ✓ Upon workshop completion you are able to claim 7 PDU/Contact Hours, Category 3 from the Project Management Institute (PMI)
- ✓ Attendees earn the designation of Disciplined Agilist

# Disciplined Agile in a Nutshell

## Outline

1. Introduction to Disciplined Agile (DA): Learn about the four delivery lifecycles supported by DA; how DA is a hybrid that shows how proven practices from a range of sources fits together; how to take a flexible, non-prescriptive approach to agile development; the importance of being enterprise aware.
2. Disciplined Agile roles: Team Lead (ScrumMaster), Product Owner, Architecture Owner, Team Member, Stakeholder + five more optional scaling roles.
3. Inception Phase: Covers key activities for initiating a DA team, including initial requirements modelling, initial architecture modelling, initial release planning, strategies for your physical and virtual work environments, initial risk identification, and driving to a shared vision with your stakeholders.
4. Construction Phase: Describes many technical strategies for building consumable increments of your solution, including test-driven development (TDD), acceptance TDD, how to initiate an iteration/sprint, look-ahead modelling and planning, spikes, regular coordination meetings, continuous integration, continuous deployment, whole-team testing, parallel independent testing, information radiators, Kanban boards, burn up charts, and many more. In this module we also look at agile construction from a traditional point of view, showing how activities such as architecture, analysis, design, testing, management, and user experience (UX) are addressed all the way through the lifecycle.
5. Transition Phase: Overviews strategies for releasing the solution to your stakeholders.  
Summarizing the Workshop: A Retrospective

## Workshop Logistics

- ✓ Level: Introductory
- ✓ Length: One day – 7 hours of classroom time plus breaks
- ✓ Approach: For each major topic in the agenda there will be instruction and group work
- ✓ Prerequisites: Basic concepts of agile methods such as Scrum

**For in-house delivery of this workshop for your teams,  
contact: [stuti@unicom.co.uk](mailto:stuti@unicom.co.uk).**

## Ticket prices

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<b>Early Bird until 30 Sept:</b>	<b>£325 + VAT</b>
<b>Standard:</b>	<b>£425 + VAT</b>

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Four for three offer applies with this discount.

# Product Owner: Enterprise Skills Workshop

2 November 2017, London

Presenter: Mark Lines, *Enterprise Agile Coach, Disciplined Agile Consortium*



## Outline

This one day workshop teaches participants how to maximize the effectiveness of business working with IT to fulfill the agile promise of early and frequent delivery of value to your customers and other stakeholders. The Disciplined Agile (DA) framework extends the Product Owner role as described in Scrum to focus on other factors critical to the success of sophisticated and large agile projects. This workshop helps Product Owners understand the breadth of their responsibilities and how to work with delivery team and other stakeholders in order to deliver successful product using the DA framework.

## Audience

- ✓ This non-technical workshop is suitable for anyone wishing to represent the business on agile projects in the role of Product Owner or other stakeholder.

## Benefits

- ✓ Attendees earn the designation of Disciplined Agilist

## Outline

- ✓ What does it mean to be a Product Owner?
  - Why Product Owners?
  - The responsibilities of a Product Owner
    - What Product Owners are not responsible for (and why)
    - Strategic and tactical responsibilities
  - The Product Owner mindset
  - Who do Product Owners need to work with?
  - The workflow of product ownership
  - Organizing your time inside and outside of the delivery team
- ✓ What does it mean to be a Product Owner?
  - Creating a product vision
    - Initial requirements envisioning
    - Release planning
    - Product roadmapping
  - Writing epics and stories
  - Negotiating priorities with stakeholders
  - Embracing scope change
  - Look-ahead modelling: Grooming the work to be done
  - Demonstrating your solution
  - Technical debt: Why you must care
  - Budgeting, initial estimating, and working with team estimates
  - Understanding the current state via agile and lean metrics
- ✓ Product ownership in the enterprise
  - Working in a large program
  - Product owner teams
  - Chief Product Owners (CPOs)
  - Outsourced teams
  - Geographically distributed stakeholders
  - Geographically distributed delivery teams
  - Working in a complex domain
  - Coordinating functional dependencies with other teams
  - Working with Product Management

## Workshop Logistics

- ✓ Length: One day – 7 hours of classroom time plus breaks
- ✓ Approach – For each major topic in the agenda there will be instruction followed by hands-on group work. The workshop has an emphasis on learning through discussion and experiential exercises.

# Product Owner: Enterprise Skills Workshop

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contact: [stuti@unicom.co.uk](mailto:stuti@unicom.co.uk).

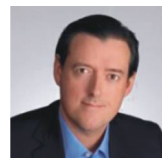
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Four for three offer applies with this discount.



**Mark Lines** is an Enterprise Agile Coach for Scott Ambler + Associates. He is co-creator of the Disciplined Agile delivery (DAD) framework and co-author with Scott Ambler of several books on the framework. Mark is a frequent speaker at agile conferences around the world and blogs about Disciplined Agile at [DisciplinedAgileDelivery.com](http://DisciplinedAgileDelivery.com). He is also President and Founding Member of the Disciplined Agile Consortium (DAC), the certification body for Disciplined Agile. He can be reached at [mark\[at\]scottambler.com](mailto:mark[at]scottambler.com) and tweets [@mark\\_lines](https://twitter.com/mark_lines)

An agile enterprise increases value through effective execution and delivery in a timely and reactive manner. Such organizations do this by streamlining the flow of information, ideas, decision making, and work throughout the overall business process all the while improving the quality of the process and business outcomes. This talk describes, step-by-step, how to evolve from today's vision of agile software development to a truly disciplined agile enterprise. It briefly examines the state of mainstream agile software development and argues for the need for a more disciplined approach to agile delivery that provides a solid foundation from which to scale. It then explores what it means to scale disciplined agile strategies tactically at the project/product level and strategically across your IT organization as a whole. Your disciplined agile IT strategy, along with a lean business strategy, are key enablers of a full-fledged disciplined agile enterprise.

Along the way Mark will describe his experience with organizations around the world that have successfully adopted agile and lean for their teams while at the same time transforming their culture across the organization to streamline these agile initiatives.

## Disciplined Agile Consortium

Disciplined Agile Consortium (DAC) is the governing body for certification in the Disciplined Agile (DA) 2.0 process decision framework. We offer training and certification services to those requesting to become certified instructors, coaches and partners. DAC supports the evolution of DA, a pragmatic and realistic process decision framework for delivering sophisticated agile solutions for enterprise-class organizations. It fills in the gaps left by mainstream methods by providing context-sensitive guidance. DA 2.0 shows how the various activities such as solution delivery, operations, enterprise architecture, portfolio management, and many others work together.





# Tutorial: Practical Operability for Developers and Testers

1 November 2017, London; 16 November 2017, Dublin;  
28 November 2017, Amsterdam; 13 February 2018, Manchester

Presenters: Matthew Skelton and Rob Thatcher, *Skelton Thatcher Consulting*



## Tutorial Outline

In this one day tutorial, we explore practical, tried-and-tested, real world techniques for improving operability with many kinds of software systems, including cloud, Serverless, on-premise, and IoT:

- ✓ Logging as a live diagnostics vector with sparse Event IDs
- ✓ Operational checklists and 'Run Book dialogue sheets' as a discovery mechanism for teams
- ✓ Endpoint healthchecks as a way to assess runtime dependencies and complexity
- ✓ Correlation IDs beyond simple HTTP calls
- ✓ Lightweight 'User Personas' as drivers for operational dashboards

These techniques work very differently with different technologies. For instance, an IoT device has limited storage, processing, and I/O, so generation and shipping of logs and metrics looks very different from the cloud or Serverless case. However, the principles – logging as a live diagnostics vector, Event IDs for discovery, etc. – work remarkably well across very different technologies.

Attendees will gain insights into operability and why this is important for modern software systems, along with practical experience of techniques to enhance operability in almost any software system they encounter. Learning objectives are reinforced through worked examples and exercises.

No computers or laptops are necessary for this tutorial.



**Matthew Skelton** has been building, deploying, and operating commercial software systems since 1998. Co-founder and Principal Consultant at Skelton Thatcher Consulting (<http://skeltonthatcher.com/>), he specialises in helping organisations to adopt and sustain good practices for building and operating software systems: Continuous Delivery, DevOps, aspects of ITIL, and software operability.

Matthew curates the well-known DevOps team topologies patterns at [devopstopologies.com](http://devopstopologies.com) and is co-author of the books Database Lifecycle Management (Redgate, 2015), Continuous Delivery with Windows and .NET (O'Reilly, 2016), and Team Guide to Software Operability (Skelton Thatcher Publications, 2016).



**Rob Thatcher** has substantial experience helping organisations to build effective technical operations, support, and delivery teams, and design and operate effective IT architectures. With Director-level experience in the financial services sector, his focus is on building high availability and high performance environments in on-premise deployments, hosted private cloud environments, and public cloud services. Rob is co-author of the book Team Guide to Software Operability.

# Tutorial: Practical Operability for Developers and Testers

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# Lean-Agile Governance: Assessing the Health and Status of Lean-Agile Enterprises and Teams

28 November 2017, Amsterdam; 18 April 2018, London

Presenter: Roly Stimson, Ivar Jacobson



## Introduction

Lean and Agile comes in many flavours and is applied with varying degrees of rigor and formality at many different levels (team, project, program, value-stream, portfolio, enterprise).

A key challenge is how to maintain good governance, with appropriate oversight and risk coverage, to ensure that investments are well-directed and protected, but without impeding responsiveness or delaying customer value, thereby diminishing their overall value and effectiveness.

This hands-on workshop introduces and applies a number of simple but powerful tools to enable non-invasive governance in a heterogeneous and empowered lean-agile delivery organisation.

## Topic

Lean-Agile Governance: Assessing the Health and Status of Lean-Agile Enterprises and Teams

## Target Audience

- ✓ Team Leads / Agile Coaches / Facilitators / “Scrum Masters”
- ✓ Quality / Compliance / Governance Professionals
- ✓ IT Managers / Sponsors / Leaders
- ✓ Lean-Agile Program/Project Managers (Release/Solution Train / Value Stream Engineers)
- ✓ Process Improvement Change Agents / Process Groups / Process Engineers

## Presenter



**Roly Stimson** is an experienced IT consultant with 30 years' experience in applying software methods to complex development challenges. For the last 15 years he has been involved with iterative, incremental, agile and lean methods. He has contributed to the development of SEMAT's Essence standard, and IJI's Essence-based Agile Essentials and Agile at Scale practices.

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## Benefits & Take-Aways

- ✓ Deploy clear and objective indicators of the status and health of any endeavour
- ✓ Ensure transparency of status irrespective of chosen methodology (waterfall, lean, agile, ...)
- ✓ Define method-neutral quality gates for effective but non-intrusive lifecycle governance
- ✓ Enable local-empowerment and flexibility of lean-agile practices without losing transparency
- ✓ Objectively assess the coverage and adequacy of locally-tailored lean-agile ways-of-working
- ✓ Use self-assessments to enable teams to inspect and adapt lean-agile working practices
- ✓ Take-away ready-to-use enterprise and team health and status indicators and tools.

# Lean-Agile Governance: Assessing the Health and Status of Lean-Agile Enterprises and Teams

## Workshop Content

- ✓ You will learn how you can apply an industry-standard framework (Essence) to:
  - Establish the status of any Lean-Agile endeavour (Program/Project/Team)
  - Deploy simple but comprehensive method-neutral quality checks and gates
  - Rapidly assess any endeavour's state of health (actual versus desired status)
- ✓ You will use essential practices to learn how you can:
  - Empower teams to define their own locally-tailored lean-agile ways-of-working
  - Enable full transparency of approach (all teams are "saying what they do")
- ✓ You will apply lean-agile practice assessments to:
  - Assess quality of practices (are teams "doing what they say")
  - Drive inspect-and-adapt improvement cycles at the team, cross-team and organisation level.

**For in-house delivery of this workshop for your teams,  
contact: [stuti@unicom.co.uk](mailto:stuti@unicom.co.uk).**

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