

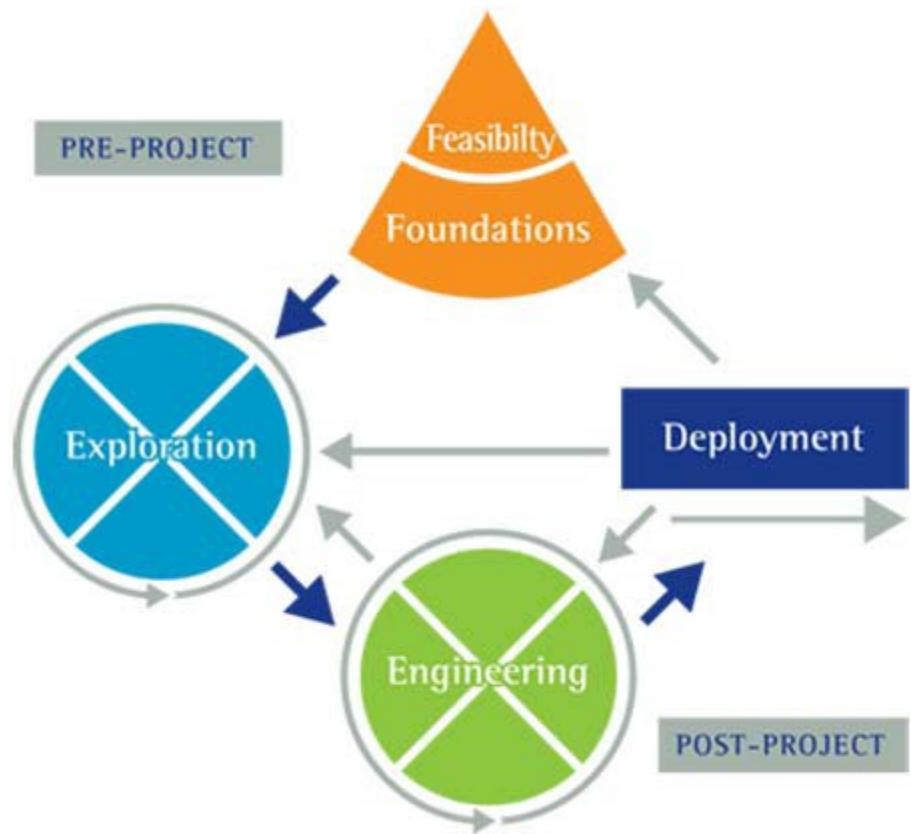
An Agile
Essentials
Course

Agile Testing:

Proactive testing to ensure quality in an
Agile environment

21 October 2015, London

www.unicorn.co.uk/agiletesting



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Background:

In traditional ‘waterfall’ software development projects, the activities that fall under the banner of ‘testing’ – unit, module and integration testing; system testing and user acceptance testing; performance, security and resilience testing; etc. – are usually well defined and clearly understood. However, on an agile project, when ‘production ready’ code is being produced iteratively, how to structure effective testing is less obvious. Test managers and test analysts face many challenges, including:

- How do I create a test plan and test scripts while requirements are still evolving? (Indeed, should I still aim to create test plans and scripts, or is there a better way?)
- When do I start testing? Do I need to change the way I test? What alternate strategies could I employ?
- Is there actually a role for an ‘independent tester’ on an agile project, or should developers and users perform all of the testing?
- How will regression testing be viable when there is a never ending set of changes to incorporate and test?
- How can I ensure that quality is maintained given the inherent pace of development that comes with an agile approach? Will I need to compromise?

Software quality remains as important as ever in agile software development, and without a clear testing strategy there is a substantial risk that the benefits of agile will not be realised.

Benefits of attending:

In this practical, compact one-day workshop – the fourth in our Agile Essentials series – we examine what makes for effective testing on an agile project. For those new to functional testing the aim is to provide guidance and outline some basic techniques; for more experienced test analysts and test managers we assess the different testing challenges an agile project throws up, to help you decide what changes will be needed to your testing processes throughout the software development life cycle. The workshop will draw on real-life case studies, going beyond the theory of agile to explore what actually happens in an agile project, which testing strategies and techniques work, and which do not! At the end of the day delegates will be able to answer the following questions:

- What are the main agile methodologies and how are they implemented in practice?
- How will agile impact on my current testing processes and team structure?
- What is the role of an independent test analyst on an agile project? When and how can independent testing add value?
- How do I ensure quality on an agile project? How do I measure it?
- What are the common mistakes made when testing on an agile project and how should I avoid them?

Delivered in a highly interactive style with a pragmatic focus on ‘what works’, this workshop is aimed at anyone who needs to understand or play a testing role on an Agile project, and will be especially valuable to experienced tester analysts who have experience and understanding of ‘traditional’ testing processes.

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Topics Covered:-

■ What is Agile?

- ◊ Evolution of Agile
- ◊ Agile principles
- ◊ Most popular current Agile methodologies
- ◊ Waterfall vs. Agile – similarities and differences

■ Where does Agile work well?

- ◊ Project type / size / criticality
- ◊ Corporate culture and ethos
- ◊ People considerations

■ Review of traditional test processes

■ Agile test strategies

- ◊ Test Driven Development
- ◊ Static testing
- ◊ Structural testing
- ◊ Exploratory testing

■ Implementation of an Agile test process

■ Implementation of an Agile Test process

- ◊ Where testing fits within an Agile lifecycle
- ◊ Planning testing on an Agile project
- ◊ The role of the independent tester in Agile
- ◊ Evolve requirements by the creation of test scenarios
- ◊ Where testers add value
- ◊ Different test phases applicable to Agile
- ◊ Monitoring and reporting test progress
- ◊ Automated testing
- ◊ Understanding team dynamics

- ◊ Determining the appropriate test process for your organisation

■ Understanding the Quality needs

- ◊ How is quality defined
- ◊ When is ‘complete’ really ‘complete’ – what constitutes ‘finished’
- ◊ Test driven development
- ◊ Testing strategies

■ Testing tools

- ◊ Common tools used
- ◊ How automated should your testing be

- ◊ Common issues and lessons learned

Who should attend:-

- Test Managers
- Testers
- Test Consultants
- Developers
- Project Managers
- Programme Managers
- QA Engineer
- Senior Development Programme Manager
- Head of Quality
- Software QA Test Analyst

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1st Delegate

Dr/Mr/Ms/Mrs.....First Name.....
Surname.....
Position.....
Head of Department.....

Please book me on this event

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2nd Delegate

Dr/Mr/Ms/Mrs.....First Name.....
Surname.....
Position.....
Head of Department.....

Registration Fee:

1 Day Workshop:
£550.00 + VAT

Registration Details:

The registration fee for the training course or the event covers the following: attendance, copy of the documentation and materials, examinations where applicable and light refreshments. Accommodation is not included unless otherwise specified. Joining instructions will be sent to you approximately one week before the event (if for any reason these are not received, please contact UNICOM).

PAYMENT TERMS:

Payment is required in advance of the event or at the latest, paid at the event. All invoices carry a 10% surcharge, which is payable if the fee remains unpaid on the day of the event and 30 days thereafter; should the invoice remain unpaid beyond 30 days and up to 45 days the surcharge increases to 15% and if unpaid after 45 days the surcharge increases to 20%. For credit card payments a 2.5% fee amount is charged or for American Express cards the fee is 3% of the total amount.

CANCELLATION AND SUBSTITUTION TERMS:

What happens if I have to cancel? If you confirm your **CANCELLATION** in writing up to fifteen (15) working days before the event or training start date and if the invoice has already been paid you will receive a refund less a 10% + VAT service charge; if the invoice has not been paid at that point you the a credit note for the existing invoice will be raised and a new invoice raised for the 10% +VAT service charge – the service charge invoice is due for payment by the original event / training start date. Regrettably, no refunds can be made for cancellations received less than 15 working days prior to the event and the invoice will remain due.

SUBSTITUTIONS are welcome at any time – there is no fee for sending a substitute delegate on any event or training. If it is more than 15 working days but less than 5 working days before the course or training start date, you may TRANSFER your registration to a future date within a 6 month period. If it is less than 15 working days to the event /training start date you can still TRANSFER your booking to a future event future date within 6 months but an additional transfer fee of £125+VAT per person per event day will be charged (e.g. the transfer fee for a 2 day training is £250+VAT), invoices for transfer fees are due for payment within 7 days of the invoice date Invoice. As we cannot guarantee that exactly the same event or training will be available, the transfer will be open to any other UNICOM event taking place within six months from the date of the original event.

TRANSFERS are not accepted less than five (5) working days before the event or training unless there are exceptional circumstances and the acceptance of the transfer is at the discretion of UNICOM. Where a transfer has been made and a future date selected, the standard cancellation terms and conditions apply to the transferred booking just as if it were a new booking. UNICOM reserves the right to amend the event / training content programme if necessary and cannot guarantee repeats of the same event or training. All transfers and cancellations must be made in writing either by email or letter and are only valid when confirmed by email or on writing by UNICOM. Transfers and cancellations are not accepted by telephone.

INDEMNITY:

Should for any reason outside the control of UNICOM Seminars Ltd, the venue or the presenters change, or the event be cancelled due to but not exclusively to industrial action, adverse weather conditions, an act of terrorism, presenter illness or other reasons beyond its control UNICOM Seminars Ltd will make reasonable endeavour to reschedule, but the client hereby indemnifies and holds UNICOM Seminars Ltd harmless from and against any and all costs, damages and expenses, including attorneys fees, which are incurred by the client as a consequence beyond the attendance fee due to UNICOM. The construction validity and performance of this Agreement shall be governed by all aspects by the laws of England to the exclusive jurisdiction of whose court the Parties hereby agree to submit.

INVOICE TOTAL

I enclose a cheque made payable to UNICOM Seminars
 Please charge my: VISA MasterCard Switch American Express

Card No.

Expiry Date: /

Purchase Order

Please invoice (include invoice address)

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Signature.....



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