

Just In Time (JIT) Testing: Workflow, Organization and Getting Things Done!

Duration

2 days

Instructor

Robert Sabourin

Class Limit

20 students

Prerequisite

None

Price

On-site

Please contact SPC
for pricing (contact
information on page 2)

Public Training

\$1,095 (2 days)

*Discount available for
early registration

Materials Provided

- Student manual containing the course slides
- Student handouts with class exercises

Things change, especially in the software business. Turbulent development projects experience daily requirements changes, changes to user interfaces, and the continual integration of new functions, features, and technologies. Keeping testing efforts on track while reacting to fast-changing priorities, technologies and requirements can often seem nearly impossible.

Just-in-Time (JIT) Testing: Workflow, Organization and Getting Things Done! is a highly interactive two-day workshop that explores effective techniques to manage and track software testing in chaotic environments. You will learn how exploratory, scripted, automated and performance testing can be successfully and systematically implemented in many different contexts.

This seminar focuses on real techniques applied to real projects; the approaches discussed have been applied to many different software projects. Commercial off the shelf (COT) applications can be tested with JIT Testing techniques. Agile, Iterative or Waterfall approaches have all benefited from JIT testing to help get things done.

Numerous examples will be used throughout the workshop to demonstrate how JIT testing can complement more traditional approaches. Examples are drawn from many sectors including Insurance, Banking, Telecommunications, Medical Software, Multilingual Computing, Security Software, amongst others.

This is an excellent course for testers, developers, test leads or managers interested in learning how to get testing done effectively in turbulent development projects.

Learning topics include:

- Test planning and organization techniques
- Exploratory testing
- Deciding how to focus testing
- Tracking
- Scheduling
- Triage

Intended Audience

This seminar will benefit anyone involved in software testing including Test Leads, Developer Leads, Managers and Executives. Managers will learn an array of techniques to manage and track software testing in chaotic environments—specifically projects with continuously changing requirements and shifting priorities. Members of the development and testing teams will learn how, even while working with minimal information, to develop tests that converge the product development effort.

TRAINING

Just In Time (JIT) Testing: Workflow, Organization and Getting Things Done!

Instructor

Robert Sabourin has more than twenty-five years of management experience, leading teams of software development professionals. A well-respected member of the software engineering community, Robert has managed, trained, mentored, and coached hundreds of top professionals in the field. A popular writer and conference speaker, he frequently delivers keynote presentations and session tracks on software engineering, SQA, testing, management, and internationalization. The author of *I am a Bug!*, the popular software testing children's book, Robert is an adjunct professor of Software Engineering at McGill University

Outline

- How to be Prepared
- Testing Ideas
 - Sources
 - Capturing
 - The lifecycle of a testing idea
 - What not to test
- Triage
 - Roles and responsibilities
 - Triage concerns
 - Triage through project lifecycle
 - How to implement triage
 - Adapting to context
- Regression
 - Did we really fix the bug
 - Did we accidentally break something?
- Development Lifecycle
 - Requirement workflow
 - Bug workflow
 - Configuration management
 - Project types
 - Agile approaches
 - Waterfall
 - Rational Unified Process
 - Examples from real projects
- Status Management and Reporting
 - Passing tests
 - Failing tests
 - Blocked tests
 - Delayed tests
 - When test should be run again
 - Elaboration states
 - Metrics
 - Coverage
- Exploratory Testing
 - Definitions
 - Balancing acts
 - Session based exploratory testing
 - Example process implementations
 - Accountability
- Automation
 - Tools
 - Techniques
 - What is good enough?
 - What is just enough?
 - Disposable automated tests
- Summary & Wrap Up



TRAINING

For more information on this or other SPC Springboard courses, please visit www.spcspringboard.com or e-mail SPC at info@spc.ca

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