

Test Estimation: Size is Not Enough

Duration

1 day

Instructors

Trevor Atkins

Class Limit

20 students

Prerequisite

None

Price

• *On-site delivery*

Please contact SPC
for pricing

(contact information
on page 2)

• *Public Training*

\$595 (1 day)

*Discount available
for early registration

Materials Provided

- Workbook
containing class
notes and class
exercises

Course Description

What makes a good test estimate good? There is more than one approach to test effort estimation and some will fare better in different circumstances than others. It is important that you approach the task in a systematic manner with a defined yet flexible technique.

Learn the do's and don'ts of successfully estimating for testing from Trevor Atkins, principal consultant of Silverpath Technologies and founder of QA Labs. His direct experience on hundreds of testing projects across a variety of industries and development methodologies has allowed him to determine, through repeated application, what is key to include in a re-usable test estimation framework.

In this course we will also examine how to structure a test estimate for rapid negotiation and buy-in with stakeholders, and how to move your estimation from a simple size calculation to one that substantiates both the test strategy and the overall project plan.

Intended Audience

This seminar is ideally suited to software testing professionals and project managers wanting to learn about estimating the testing phase of software development. Through a combination of presentations, group and class discussions, and hands-on exercises, this one-day course will explore the guiding concepts and principles, tools and techniques specific to estimating test projects. Software developers, project managers, testers, product managers, business analysts, and customer representatives will all benefit from the instructor's approach based on highly successful real-life experiences.

Instructor

Trevor Atkins is Principal Consultant with Silverpath Technologies Prior to that he was the west-coast Regional Director of Quality Services with UST Global and was a founder/VP Operations of QA Labs Inc., once the largest independent software testing company in Canada.

Trevor has been involved in literally 100's of software projects over the last 14+ years and has a demonstrated track record of achieving rapid ROI for his customers and their business. Experienced in all project roles, Trevor's primary focus has been on planning and execution of projects and improvement of the same, so as to optimize quality versus constraints for the business.

TRAINING

Test Estimation: Size is not Enough

Course Objectives

- Define what makes a “good” test estimate and discuss solutions to the challenges of achieving this quality of estimate
- Discuss the Top Ten do’s and don’ts of estimating for testing
- Develop a “fit-for-use” estimation strategy that can rapidly provide options for constraint and risk analysis, and informed decision-making
- Describe how to apply that estimation strategy to answer the questions of what budget, schedule and resources are needed for each option
- Demonstrate a test estimation framework you can start using right away

Modules Outline

- What is a “good” estimate for testing?
- Common challenges in test estimation
- Top Ten do’s and don’ts of estimating for testing
- Developing the test estimation framework that is right for you
 - Components of calculating an estimation of size
 - Estimation by project phase
 - Incorporating multipliers, risk, and uncertainty
 - Recursive nature of estimating testing
- Determining budget, scheduling, and resource requirements
- Predictive ability of a test estimation framework (test coverage and residual defects)
- Driving on-going improvements with historical data (estimates and actuals)



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TRAINING