

Ross Collard's Developing Workable Test Plans

Duration

2 days

Instructor

Roland Stens

Class Limit

20 students

Prerequisite

None

Price

On-site:

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

Public Training:

\$995 (2 days)

*Discount available for early registration

Materials Provided

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

Testing often consumes 25% to 35% of the entire software development and maintenance budget, but on average only catches 80% of the bugs. In addition, testers are often unhappy with the intense work pressures and what they perceive as a “can’t win” atmosphere. Effective testing is vital to organizations, and writing effective test plans is an essential survival skill for testing & QA professionals.

The primary objective of this workshop is to learn how to develop a test plan, and how to actually get organized and ready for a test project. This will be done through hands-on practice where participants will actually work through a case study in a series of small-team exercises, in order to draft a test plan for a very realistic project.

The case study for this workshop begins: “Congratulations! (or condolences)—You have just been appointed the test team leader for a new, mission-critical project for your organization”. The application uses client/server, Web, wireless and database technology (this application and the situation background are provided in the course material). The senior managers are confident you will do a good job, and have asked you to give them a detailed presentation on how you will proceed. Your presentation has been scheduled for next week.” Participants in this workshop will discuss why test planning is important, review the outline of a typical test plan, examine the major issues in developing a test plan, and tackle these issues in a series of exercises, based on a realistic case study.

Intended Audience

This seminar is intended for systems testers and quality assurance professionals, systems analysts and designers, software engineers and programmers, project leaders, auditors, and users who are involved in systems testing.



TRAINING

Developing Workable Test Plans

Instructor

Ross Collard is president of Collard & Company, and specializes in software testing and quality assurance. His consulting assignments have included strategic planning for technology, managing large software development projects, and development of software engineering practices. His clients have included Amazon.com, American Express, Boeing, General Electric, Hewlett Packard, IBM and NASA. Ross has an MS in Computer Science from the California Institute of Technology and an MBA from Stanford University.

Roland Stens is an independent consultant based in Vancouver who specializes in QA and testing—particularly performance and robustness testing. His broad background in programming, system analysis, database and network management, testing and project/test management enables him to relate to all the issues that play during the software development lifecycle.

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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Outline

- Introduction
- The Importance of Test Planning
- System Testing Process Overview
- How to Write a Test Plan: Questions to Ask
- Test Plan Template
- Exercises
 - Understanding the Background and Context
 - Constituencies and Test Objectives
 - Test Scope and Priorities
 - Risk Strategy
 - Test Entry & Exit Criteria
 - Test Resources
 - The Test Project Work Plan
 - Contingencies
 - Test Plan Format and Organization



TRAINING

