



# **RAPID SOFTWARE TESTING**

## **FOCUSED: RISK**

Risk-based testing means organizing test strategy around suspected product risks. This means testers perform risk analysis before, during, and after tests are performed: before tests to guide the test process, during tests to adjust the strategy, and after the product is released to learn about risks that were missed in the original planning. Risk-based testing is a powerful way to focus testing and to justify the time and energy it takes to test deeply.

This seminar focuses on risk-analysis as it relates to testing and fits within the Rapid Software Testing methodology. So, we use risk heuristics and focus on assessment rather than measurement of risks, since software risks cannot be measured except in rare situations. Risk assessments are socially constructed, but we show how that process can and should be done systematically and be grounded in evidence.

This is a one-day seminar that is taught online or onsite.

### **Goals of RSTF-Risk**

The primary goal of this seminar is show you how to confidently perform systematic product risk analysis.

### **Who Should Take This Training**

This Rapid Software Testing Focused class is for you if:

- You are responsible for test strategy in your project.
- You lead people who are responsible for test strategy in your project.
- You want to learn how to be responsible for test strategy in your project.
- You are struggling to explain and defend the focus of your software testing.
- You struggle to persuade the team to fix important problems in a timely way.
- You are concerned that your testing may not be oriented on finding the bugs that really matter.



**For more information, upcoming classes, locations and registration: [rapid-software-testing.com](http://rapid-software-testing.com)**

**James Bach: [satisfice.com](http://satisfice.com)**

**Michael Bolton: [developsense.com](http://developsense.com)**



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## **Main Topics Covered**

During the class you will perform a risk analysis on at least one product; and during the seminar we strive to accommodate students' specific needs and questions in class discussions and lectures. The general topics we'll cover include:

- The headlights analogy as a framework for understanding risk-based testing.
- How mental models control risk analysis.
- How beliefs about risk are socially constructed.
- Heuristics of product risk analysis.
- The cyclic and incremental process of risk analysis.
- How to tell a compelling risk story.
- Why we assess risk but cannot measure risk.
- How to evaluate if testing is good enough.
- How to evaluate if the product is good enough.

## **How RSTF Compares to Our Other Classes**

- Rapid Software Testing Explored (RSTE) presents the methodology of Rapid Software Testing with brief practical exercises and Socratic discussion. Although management topics such as estimation or developer relations often come up, these are not given much class time.
- Rapid Software Testing Applied (RSTA) focuses less on the explaining and demonstrating the concepts and skills of RST, and more on experiencing the core elements of it. RSTA includes long exercises where you will test part of a real product, followed by debriefings. The class is taught in an online format (ten webinars over three days) or in a classroom 2-day or 3-day format.
- Rapid Software Testing Managed (RSTM) is a class for managers and other leaders who seek to apply Rapid Software Testing methodology or are otherwise working to improve testing on an organizational level. It focuses on the deployment of RST, so it's more focused on organizational issues rather than people issues.
- Rapid Software Testing Coached (RSTC) is a class for test leads, coaches, and managers who guide testing without necessarily doing it themselves. It focuses on how to build testing skills on the job, so it's more focused on people issues rather than organizational issues.

## **What Students Should Bring**

Bring a laptop that connects to the Internet. You will be testing.