

Exploratory Testing Essentials

½ day hands-on workshop with exercises, pair and ensemble testing

Exploratory Testing is a skilled multidisciplinary style of testing. It treats test design, test execution and learning as parallel, mutually supportive activities, to find things we don't know we don't know. Exploratory testing isn't new but it has evolved further in agile projects with regression test automation. Great test automation is created through exploratory mindset, and there's a place for throwaway automation in exploratory testing. With exploratory testing, we make the best possible use of our limited time with intelligent testing that delivers results!

This workshop sets out to clarify through shared experiences from exercises what it means to do exploratory testing. We look at what it is and how it is done, and why should you care to include the exploratory testing perspective in your projects.

Your skill to self-manage your testing work and your learning – making learning and reflection a habit – is what differentiates skilled exploratory testing from randomly putting testing activities together. Exploratory testing frames the thinking about the system, and engulfs the idea of creating artifacts to support testing. An hour of testing can be completely different in contents and *you* control the contents

Contents:

Opening of the Day: Learning Goals

The Brief Basics to Exploratory Testing: Better tests and better testers!

- Exercise on Testing Mathematics: Need for Intelligent Testing

Session: How Would You Test a Text Field?

- Pair Testing of a Text Field Application
- The Essentials: Idea Generation and Notetaking, Coverage

Session: How Would You Test an API?

- Mob Testing of an API
- The Essentials: Automation as Documentation, Coverage

Session: How Would You Test a Large Integrated System with UI?

- Mob Testing of an Application
- The Essentials: Intent and Serendipity

The Essential Theory Summarized

- Intent and Serendipity
- Self-Management and Generating Ideas
- 3 Scopes of Exploratory Testing