

Exploring The Value of Exploratory Testing

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What is Exploratory Testing?

Exploratory software testing

- is a style of software testing
- that emphasizes the personal freedom and responsibility
- of the individual tester
- to continually optimize the value of her work
- by treating
 - test-related learning,
 - test design,
 - test execution, and
 - test result interpretation
- as mutually supportive activities
- that run in parallel throughout the project.

-cognitive
engagement

-selfmanagement

~~Technique~~

~~Activity~~

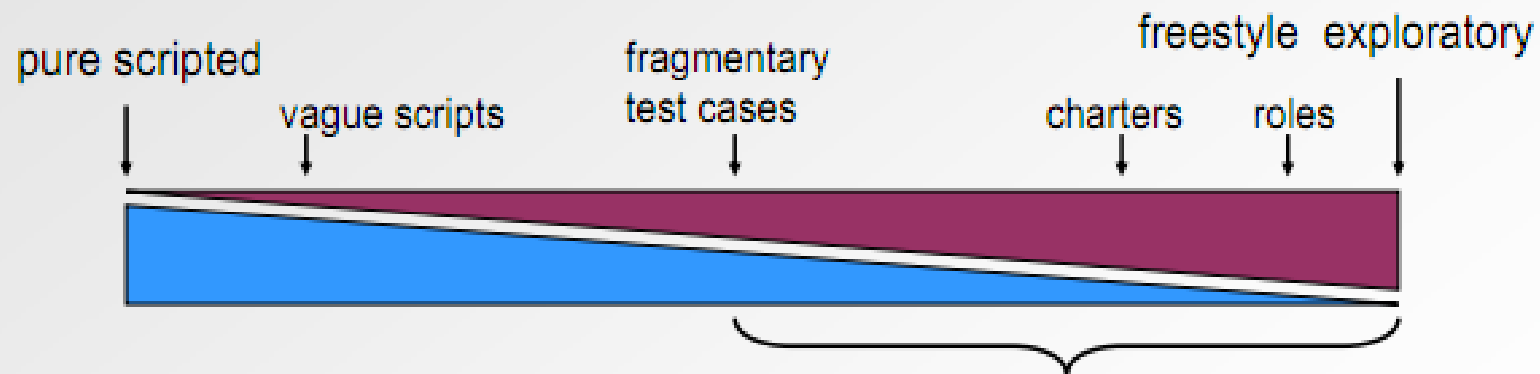
~~Phase~~

-Know Your Mission

-Improve continuously

-Reframe Your Testing

Mixing Scripting and Exploration



When we say "exploratory testing" and don't qualify it, we mean anything on the exploratory side of this continuum.

More Exploratory or Scripted?

- elements of design, execution, interpretation, and learning are performed **by the same person**;
- the design, execution, interpretation, and learning **happen together**, rather than being separated in time;
- the tester is **making her own choices** about what to test, when to test it, and how to test
- everything that has been learned so far, including the result of the last test, informs the tester's **choices about the next test**;
- the tester is focused on **revealing new information**, rather than confirming existing knowledge about the product;
- in general, the tester is **varying aspects** of her tests rather than repeating them, except where the repeating aspects of the test are intended to support the discovery of new information.

Pros:

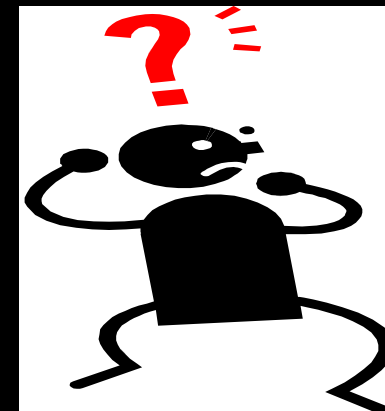
- Careful thinking;
- Can be reviewed;
- Reusable;
- Easily Reframing



Scripts

Cons:

- Result comparison;
- Time consuming;
- Risky areas



Thank You !

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