Keeping Your Sanity With User Interface Automation

Orlando Code Camp

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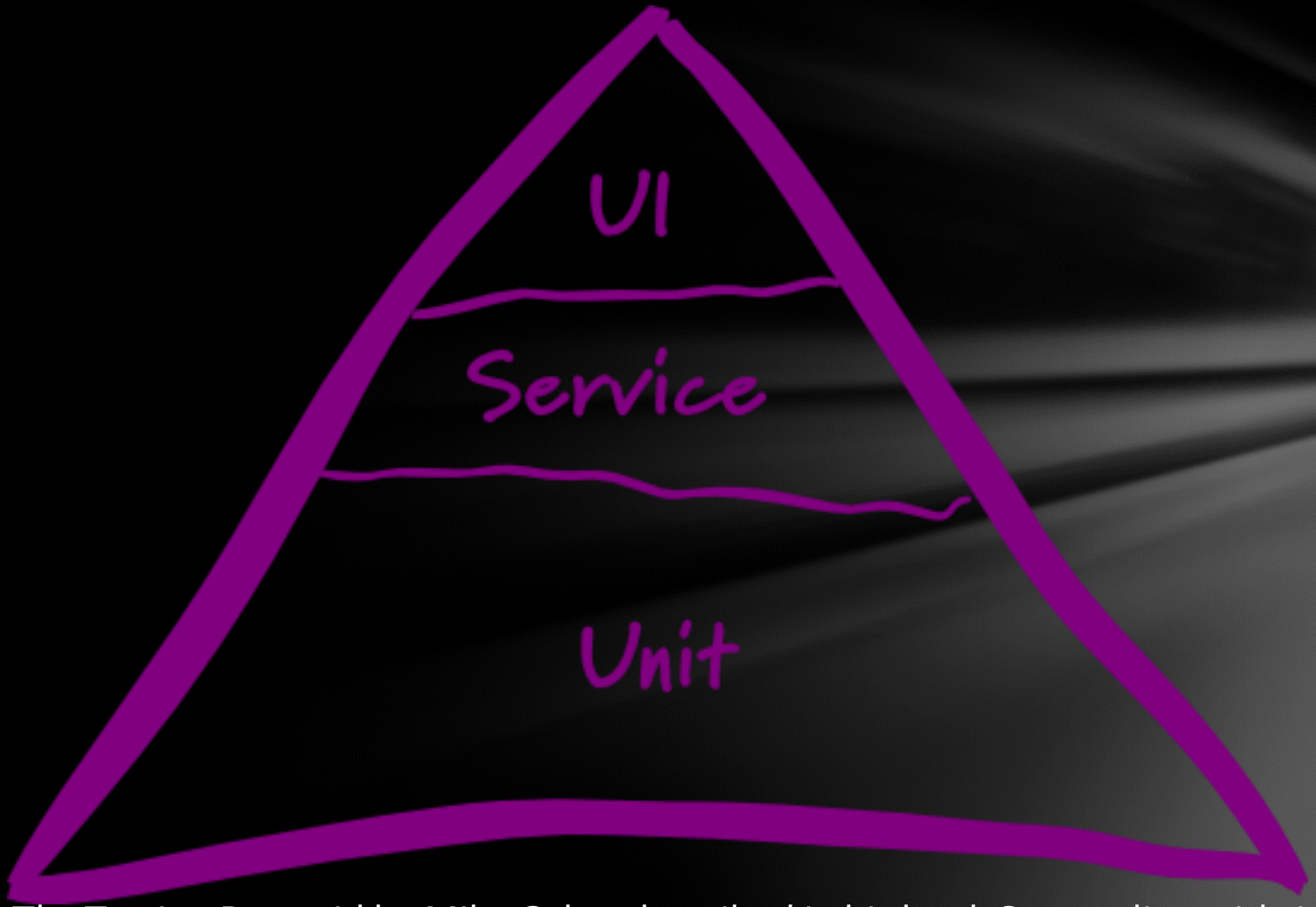
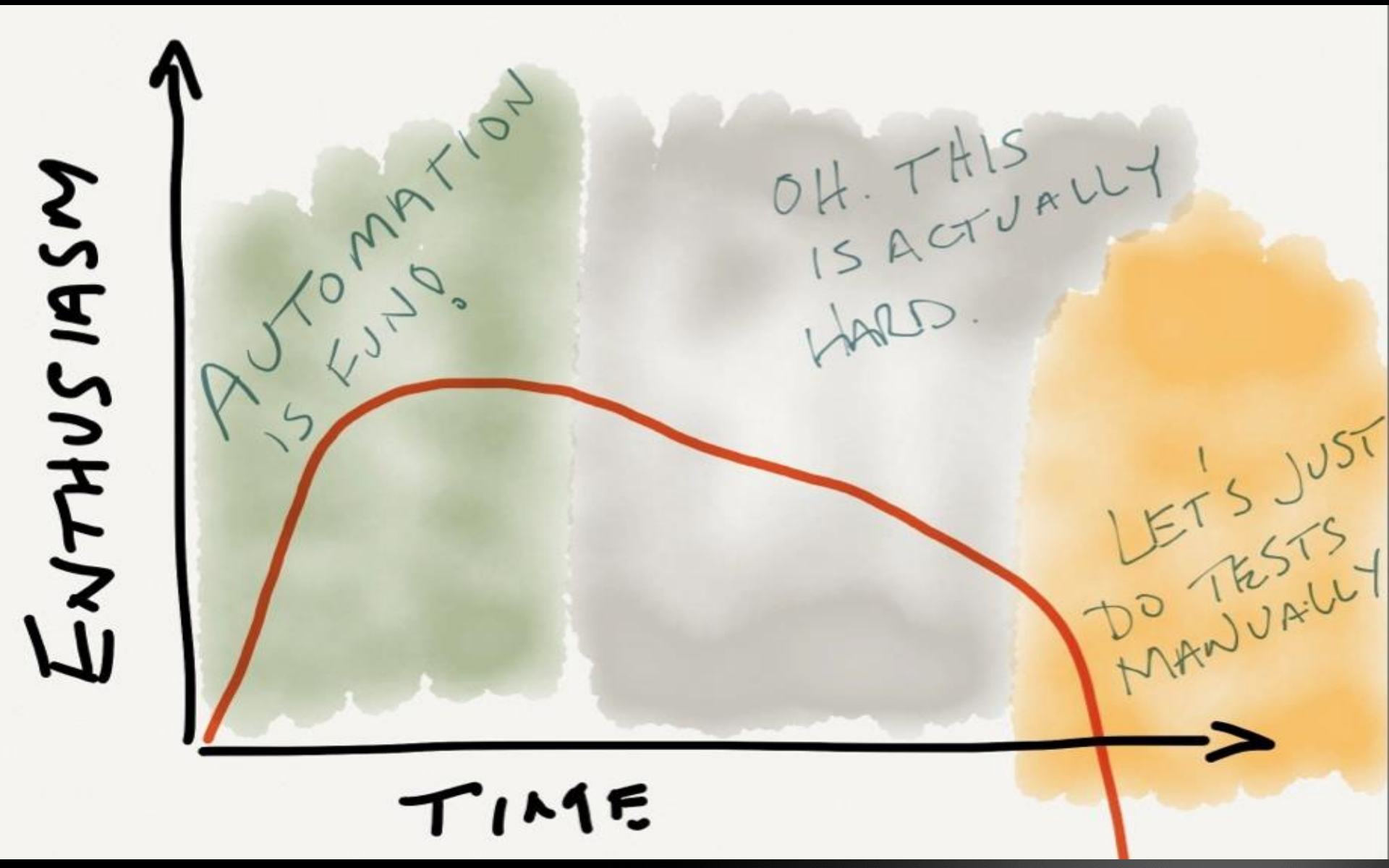


The Testing Pyramid by Mike Cohn, described in his book Succeeding with Agile


ENTHUSIASM
TIME
AUTOMATION IS FUN.
OH. THIS IS ACTUALLY HARD.
LET'S JUST DO TESTS MANUALLY

Common Pain Points

- Locators
- Dynamic content
- Organization

Locators

Dude, where's my stuff?

- Let's talk about the DOM
- XPath
- Show me your ID
- CSS

A Day in the Life of a Web Page…

- Load a page
- Wait for User Input
- Load a page
- The Browser knows when the page is loaded

…but then along came AJAX

Dynamic Content

Wait for it…

Don’t Sleep!

What did you expect?

Get Organized

Separation of Concerns

(or "Keep your framework out of my tests")

Data and Configuration

Test Case Granularity - No dependencies

Setup and Cleanup

Use your Test Runner's capabilities

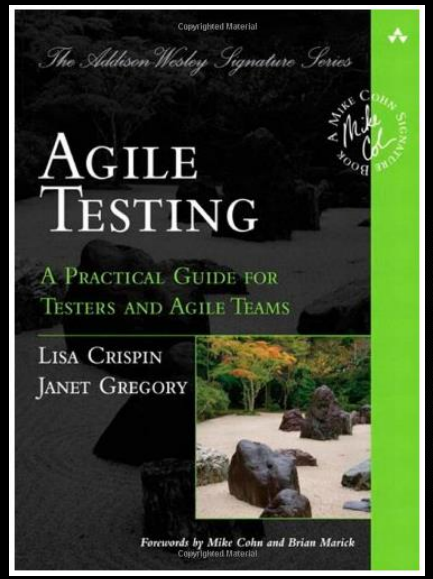
Recommendations

Use the concepts

There are No Best Practices

Determine what works in your systems

Resources



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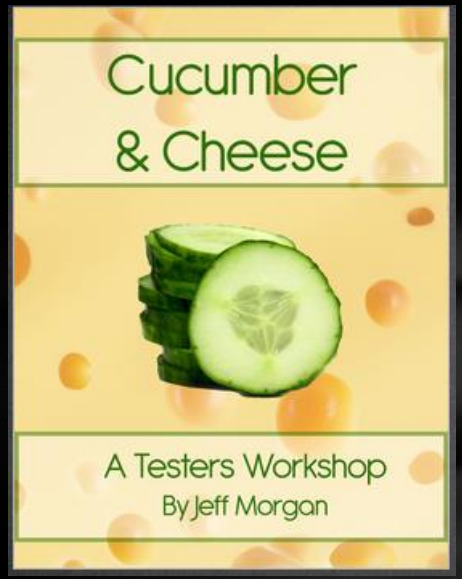

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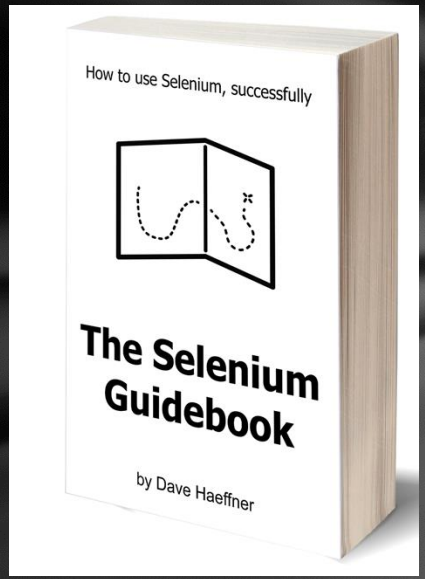

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Pluralsight courses by John Sonmez:

- Automated Web Testing with Selenium
- Creating an Automated Testing Framework With Selenium