Legacy

maaretp

Exploring Pipelines

Maaret Pyhäjärvi

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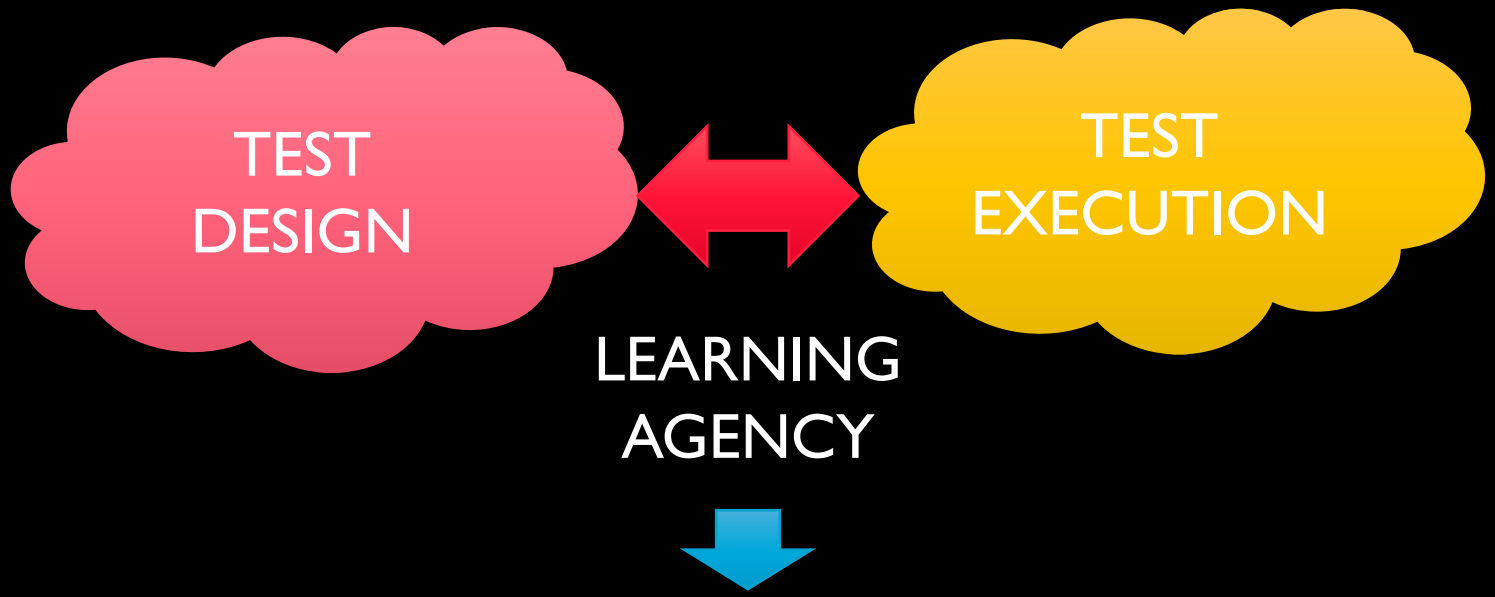
Exploratory Testing



IMPACTFUL RESULTS

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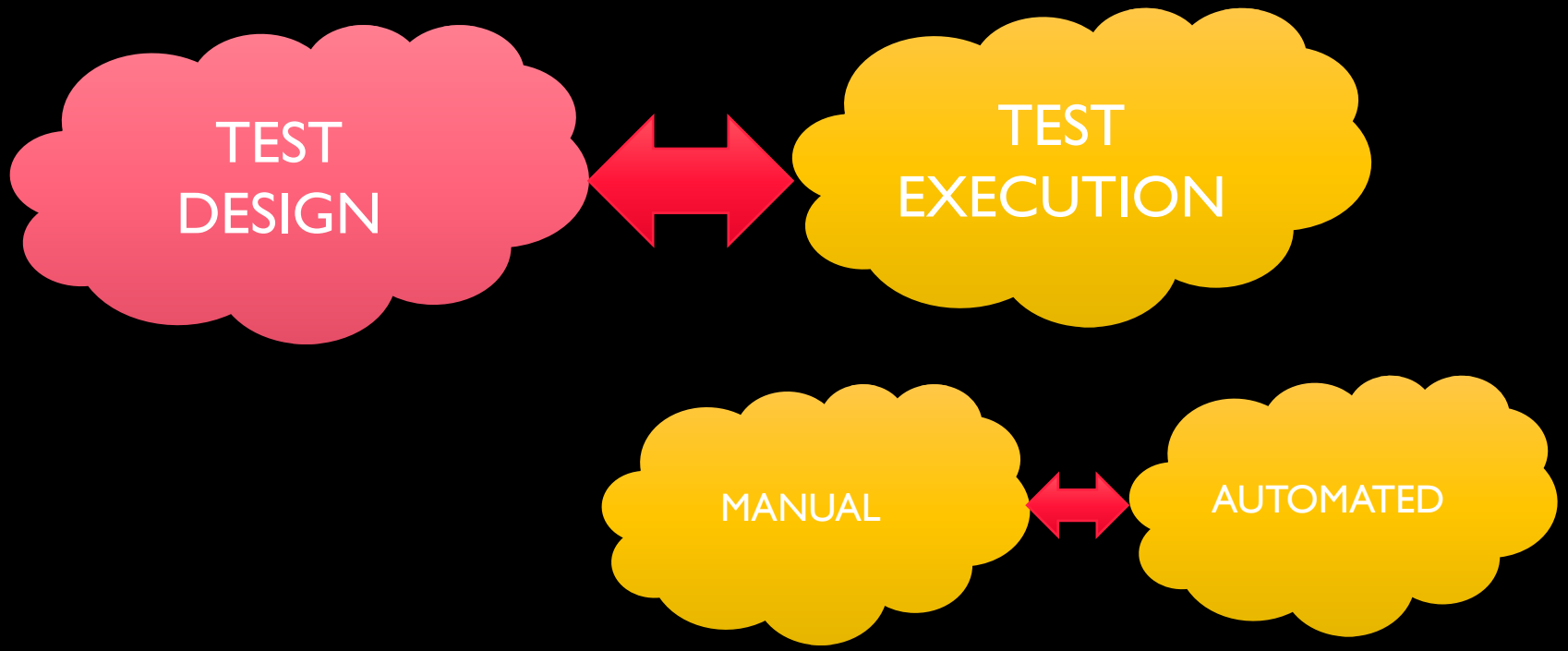
Exploratory Testing



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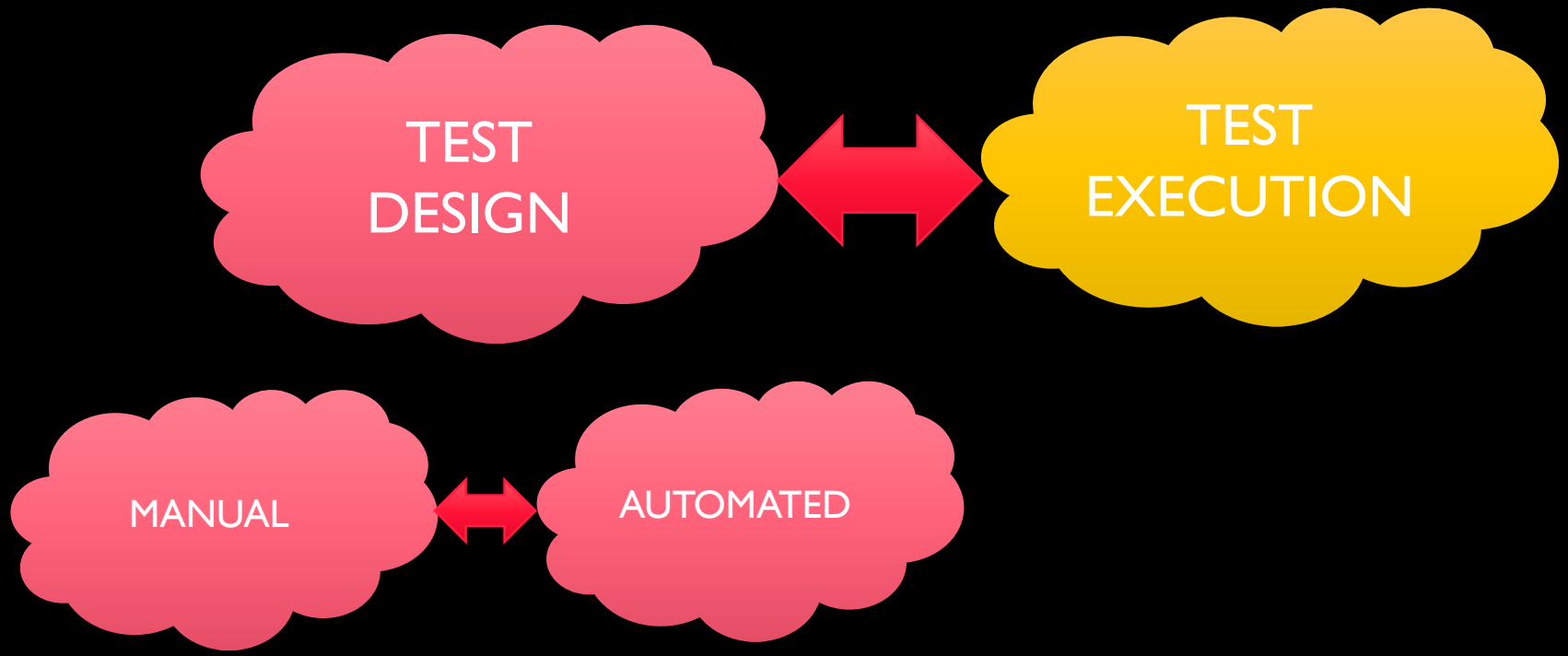
Exploratory Testing



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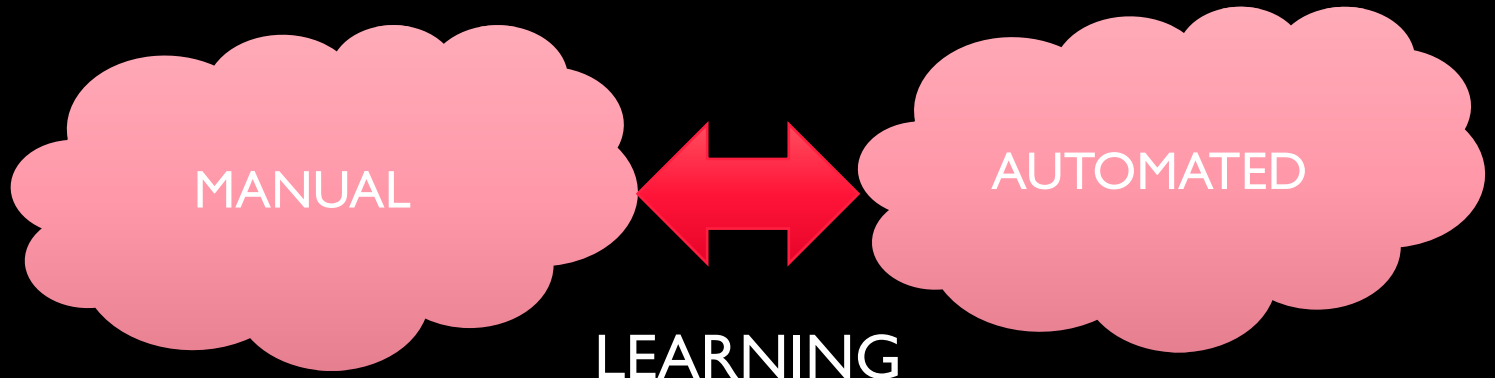
Exploratory Testing



LEARNING AGENCY

IMPACTFUL RESULTS

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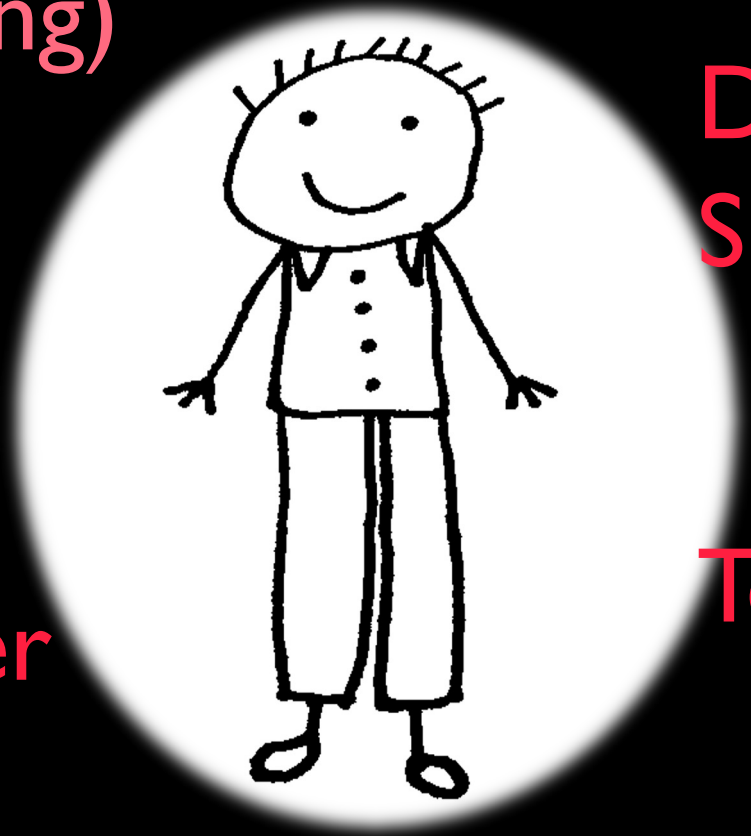
(Engineering)
Manager

Domain
Specialist



(Polyglot)
Programmer

Tester

Ops

(Exploratory)
Tester

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Content Warning

Food: Animals

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Metaphorically Speaking

Idea from
@HannesLindblom

15 $/kg

450 $/kg

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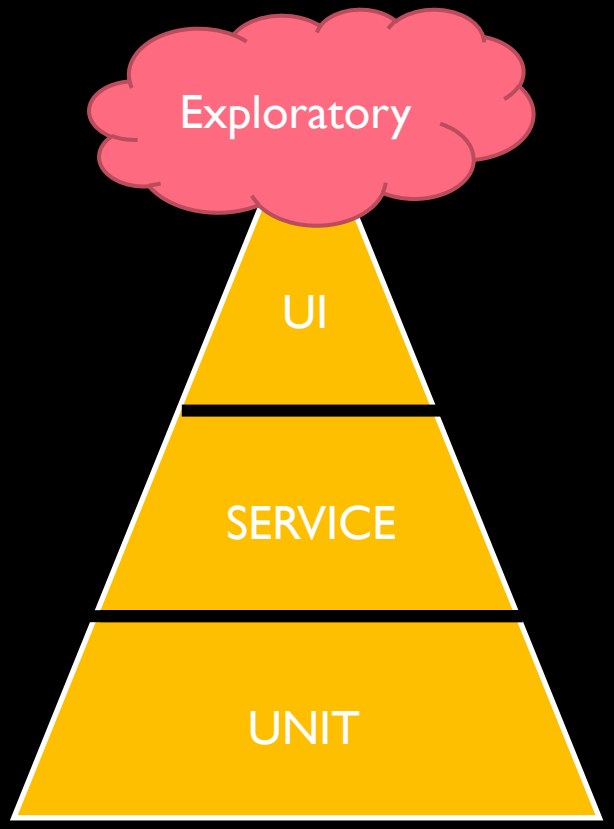
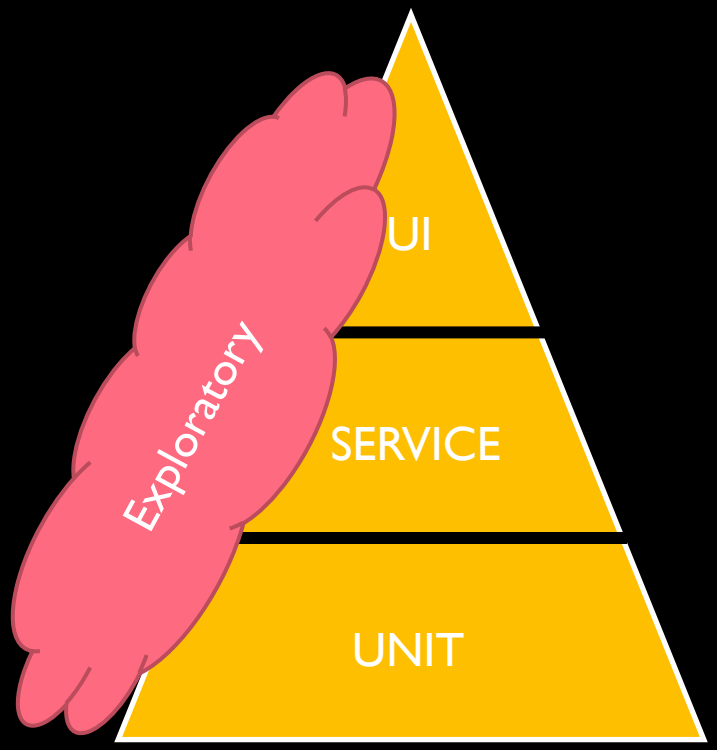
Sprinkle On Top Exploratory Testing



Contemporary Exploratory Testing



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Pipelines

Connecting pieces of automation with automation

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Exploring All The Way...

Single line
→See it fail
→First test
→Same test but variables
→Same test but templates
→Failing test with a bug
→Spec to tests
→Guess the values that are likely to fail
→Multiple browsers
→Runs in CI

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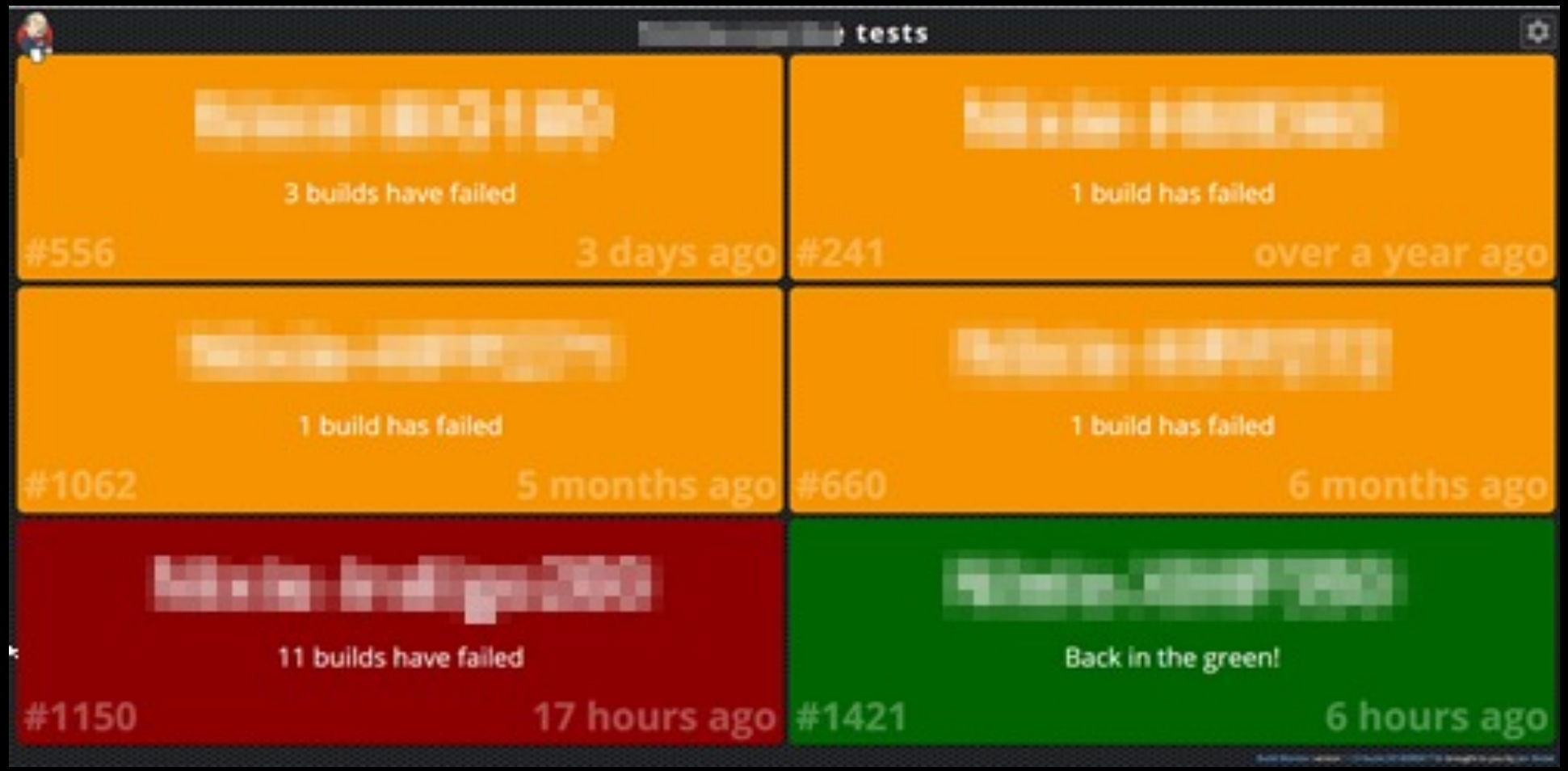
From a Piece of Code...

test.robot

```
*** Settings ***
Library     Browser
Test Setup          Default Setup
Test Teardown       Default Teardown
Test Template       Verify Word Text

*** Variables ***
${URL}      https://www.exploratorytestingacademy.com/app/

*** Test Cases ***
Test1    nothing     1    0
Test2    to be or not to be      6    2
Test3    The cat is my only pet    6    1
Test4    The cat is Garfield     4    1
Test5    be, being, been, am, is, isn't, are, aren't, was, wasn't, were, and weren't.    13    12
Test6    I'm, you're, we're, they're, he's, she's, it's, there's, here's, where's, how's, what's, who's, aint's, that's.    15    15
Test7    ${EMPTY}    0    0

*** Keywords ***
Verify Word Text
    [Arguments]     ${input text}      ${word count}      ${discouraged count}
    New Page    ${URL}
    Fill Text       css=#inputtext  ${input text}
    Click    css=#CheckForEPrimeButton
    Get Text    css=#eprimeoutput    ==    ${input text}
    Get Text    css=#wordCount       ==    ${word count}
    Get Text    css=#discouragedWordCount  ==    ${discouraged count}

Default Setup
    New Browser            chromium    headless=${FALSE}

Default Teardown
    Close Browser
```

To Code in Pipeline(s)



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Connecting Automation with Automation

I. On Schedule | On Trigger | On Demand
II. Upstream | Downstream
III. Visualize!
IV. Repeatability.

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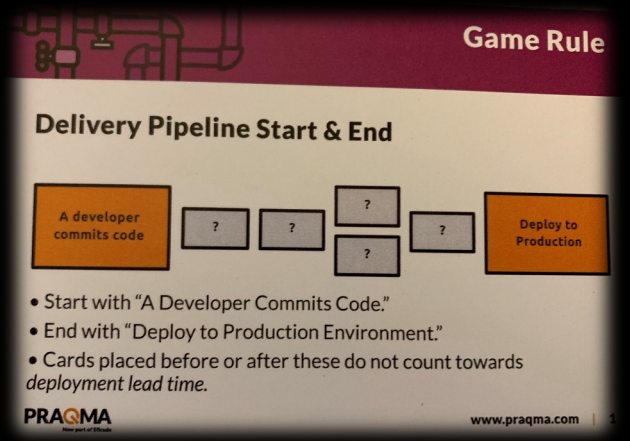
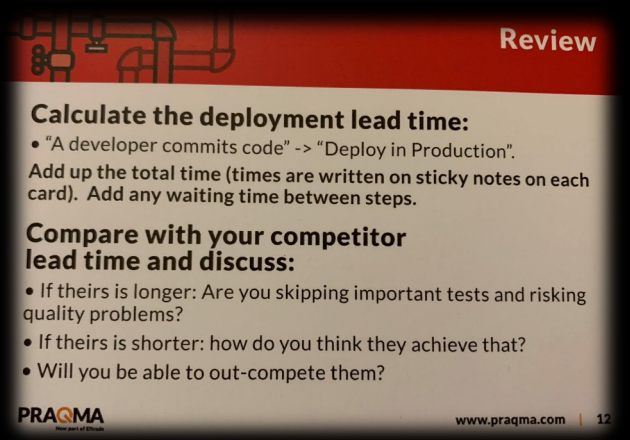
Created by Emily Bache

Based on work by Abby Bangser





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Experiences

Daily releases without test automation.

Full code pipelines.

Rebuilding through exploring.

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Incremental, incomplete, learning

Work towards flow of TA value - small streams become a significant pool over time. Moving for better continuously matter, not starting well or perfect.

Something imperfect but executable is better than great ideas and aspirations. Refactor to reveal patterns.

https://visible-quality.blogspot.com/2021/02/in-search-of-test-automation-strategy.html

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DevOps

Turning more things into code.

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Maaret Pyhäjärvi (from Finland)

EuroSTAR TESTING EXCELLENCE AWARD 2020

AGILE TESTING DAYS MIATPP Most Influential Agile Testing Professional Person 2016

tivi 100 ICT-influencers in Finland 2019 - 2022

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(please connect with me through Mastodon or LinkedIn)

#PayToSpeak #TechVoices
#EnsembleTesting #EnsembleProgramming #StrongStylePairing
#ExploratoryTesting #TestAutomation
#ModernAgile
#ContemporaryExploratoryTesting

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Exploratory Testing
https://exploratorytestingacademy.com

Ohjelmistotestaus ry

TECH VOICES
https://techvoices.org

Se TIVIA

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