



Test Automation

Tony Godwin
Instructor Introduction



Anthony “Tony” Godwin

- BS in CS
- Thirty years as a Software Engineer
 - Developer
 - “Software Development Engineer in Test” (SDET)
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How many plates...

- Products under active development
 - D&B Hoover
 - D&B Hoovers for CRM
 - Salesforce
 - Microsoft Dynamics
 - Eloqua
 - D&B Hoovers Mobile Client
 - D&B Hoovers DataVision
- Legacy products
 - Avention Open Connector
 - Avention GBB
- Developer to Tester ratio
 - 20 developers
 - 6 testers
 - 3 developers for each tester*
- Velocity
 - two week sprints
 - number of tickets in a sprint
 - Enhancements
 - bug fixes
 - technical debt
 - amount of code changed
- Number of environments
 - Development
 - Continuous integration – dev1
 - Staging
 - Special projects (ES6)
 - Production
- Changes to environment
 - Etc. etc. etc.



What I do every day...

- What failed?
 - Look at test results from automated regression
 - Open defects
 - Fix broken tests
 - Ask DevOps about an environment
- Status meetings (Agile Process)
 - Agile Standup
 - Sprint Review
 - Sprint Planning
- JIRA Tickets (Manage Work)
 - Create Tickets
 - Review Tickets
 - Update Tickets
- Document Test
 - Enhancements
 - I am paid to think
 - What has value
 - How is it used
 - Can someone else run this test?
 - Test Rail
- Test Stuff
 - Manual Tests
 - Run Automated Tests
 - Special projects
- Write Automated Tests



Read Three Blog Posts

"Test Pyramid" by M. Fowler -

<https://martinfowler.com/bliki/TestPyramid.html>

"Just Say No to More End-to-End Tests" by M. Wacker =

<https://testing.googleblog.com/2015/04/just-say-no-to-more-end-to-end-tests.html>

"Making End-to-End Tests Work" – A. Sutton –

<https://www.symphonious.net/2015/04/30/making-end-to-end-tests-work/>



Questions?