Quality is never an accident; it is always the result of high intention, sincere effort, intelligent direction and skilful execution; it represents the wise choice of many alternatives.

William A Foster
Agility In Testing: Agile Testing and Selenium

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'Agility' in Testing: Agile Testing and Selenium
Agile does not mean “No” documentation
“Give me all the features” is not a user story
Agile is flexible requirements
Agile is More Co-operation

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Rapid Delivery
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Agile Testing is...

“Should have tested Early”

“...You mean you’re going to test it on a guinea pig now?”
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Test from Customer Perspective

How the customer explained it
How the analyst designed it
How the programmer wrote it
How the business consultant described it

How the project was documented
What operations installed
How the customer was billed
How it was supported

What the customer really needed

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Very Important

Test often

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Very Important

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Exercise -1

Before
- Include 5 minute warm up
- Check blood sugar

After
- Include 5 minute cool down
- Check blood sugar
You are part of a team with couple of developers and business analyst working on a cutting edge web application involving databases, flash, AJAX and what not. This application is being developed in Agile fashion, how would you approach testing for this?
Is this how you feel

Things are changing every day, existing features are changing continuously, we did not estimate bug fixes and how do I know if we are good enough to go live?
Same old Story, isn't it?

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Tester is locked in an endless loop

In other words, Togo won’t hit Joe and Joe won’t hit Togo unless they take a poke at each other when I start socking Joe.

Business

 Developers

Testers

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Is there any right way?

Pair up with Business

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Testers automate while Developers are working on code
Interactive Testing

KNOW?

FEEL?

...DO?
How great softwares are delivered?

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Testers can be in control!!

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Exercise 2

Let's do the same exercise and see what you would change and how would you do it better?
Challenges of Agile Automation

- Frequent Changes
- Limited resources
- Automation Time
- Delivery Time
- What you have faced?

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Tester

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Make Your Automation
Adaptable to Changes
Robust
Trustworthy
Visible & Actionable
Integrated with CI
What else??
And how do we do that with Selenium?

- Explore your options
- Separation of Concern
- DRY & KISS
- Invest in DSL
- Use developers
- What else??

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Some Helpful Tips

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Quick & dirty is not always bad.
Monitor your application

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Prioritize and classify

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Questions??

How can we help you?

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