


# What Makes an “Agile” Developer?

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# Agile?

- ▶ What is “Agile” anyway? What does it mean?
- ▶ Agile Manifesto – we value:
  - Individuals and interactions over processes and tools
  - Working software over comprehensive documentation
  - Customer collaboration over contract negotiation
  - Responding to change over following a plan
- While there is value in the items on the right,  
we place more value on the items on the left.

# Agile Developers

- ▶ Agile developers usually have these traits
  - ▶ Adaptable, flexible, embraces change
  - ▶ Team-oriented rather than individual contributor
  - ▶ Self-directing
  - ▶ Honest, courageous, responsible
  - ▶ Customer-focused
  - ▶ Desire to deliver valuable, quality software
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# Techniques

- ▶ Some process-based techniques
  - Scrum (project management)
  - eXtreme Programming (development)
  - LEAN (process improvement)
- ▶ Some development techniques
  - Test-Driven Development
  - Continuous Integration
  - Rapid Release/feedback cycle
  - Real-time code reviews (pair programming)
  - “Done” Criteria
  - Automated acceptance tests

# Tools

- ▶ Some of the most effective tools are low-tech:
  - Pen, Sticky note, 3x5 card
  - White board, cork board
- ▶ Others may be more technical:
  - Rally / ScrumWorks / Version 1 (Collaboration)
  - Wiki / SharePoint (Knowledge share / repository)
  - Cruise Control / ANT / TFS / etc. (Continuous integration and build systems)
  - xUnit frameworks / FIT (Fitness) (test automation)

# Agile Spirit – Not Letter of Law

- ▶ There is no one set prescribed “agile” method or process that will work for every team.
- ▶ *BE FLEXIBLE.*
  - But, not to the point of breaking...
- ▶ When in doubt, go back to the Manifesto...
- ▶ Honor the customer, the team, the company, and yourself.
- ▶ Focus on delivering value and it’s hard to go too far wrong.

# Summary

- ▶ Be flexible...
- ▶ Do what it takes...
- ▶ Please your customer...
- ▶ Be good to your team and yourself...
  
- ▶ and you might just BE Agile!

▶ Thanks!

