Enterprise Continuous Delivery
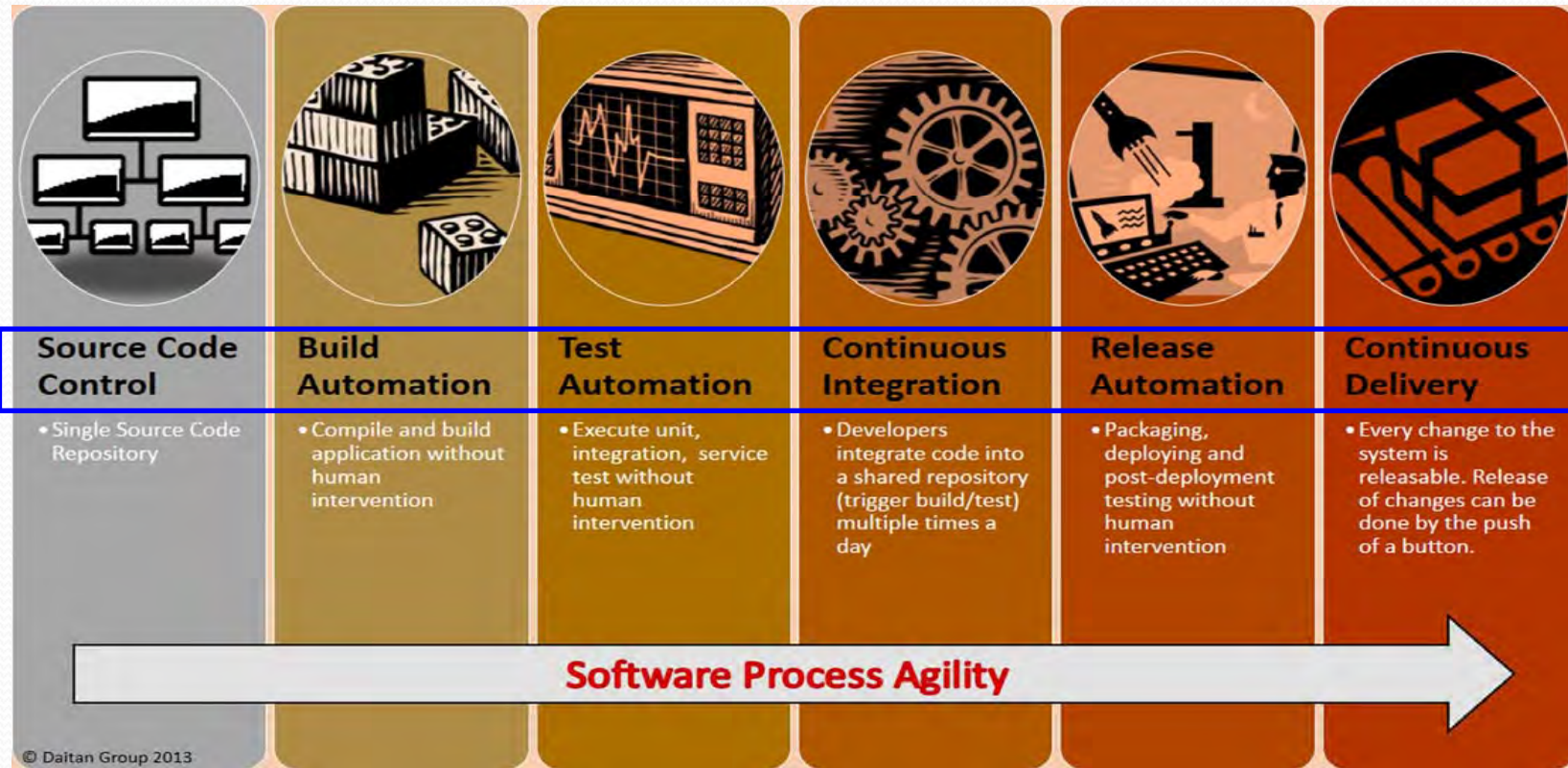
- Created by Jez Humble of ThoughtWorks in 2011
- Includes CM, build, testing, integration, release, etc.
- Goal is one-touch automation of deployment pipeline

Source Code Control
- Single Source Code Repository

Build Automation
- Compile and build application without human intervention

Test Automation
- Execute unit, integration, service test without human intervention

Continuous Integration
- Developers integrate code into a shared repository (trigger build/test) multiple times a day

Release Automation
- Packaging, deploying and post-deployment testing without human intervention

Continuous Delivery
- Every change to the system is releasable. Release of changes can be done by the push of a button.

Software Process Agility

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CoQ
- 80% MS Tst
- 8/10 No Val
- $24B in 90s
- Rep by CD
- Not Add MLK

Humble, J., & Farley, D. (2011). *Continuous delivery*. Boston, MA: Pearson Education.
Duvall, P., Matyas, S., & Glover, A. (2006). *Continuous integration*. Boston, MA: Addison-Wesley.
Ohara, D. (2012). *Continuous delivery and the world of devops*. San Francisco, CA: GigaOM Pro.