

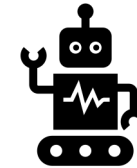
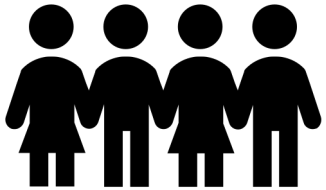
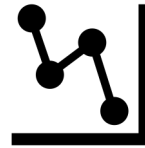
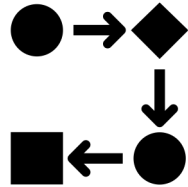
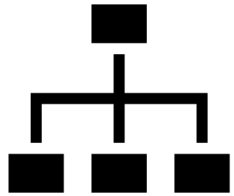


Keeping Software Quality at Pace With Digital Transformation

Rosalind Radcliffe
Distinguished Engineer

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What is Software Quality



Not deterministic of software quality

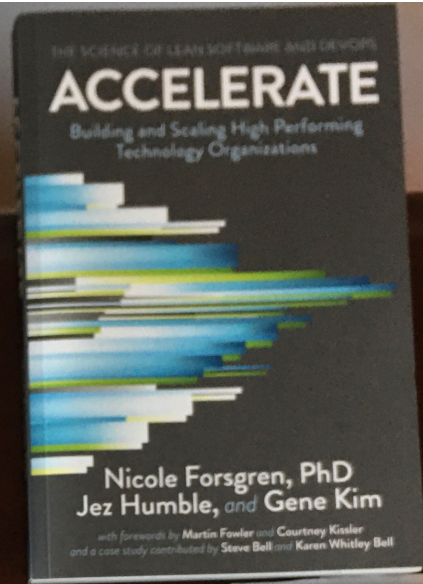
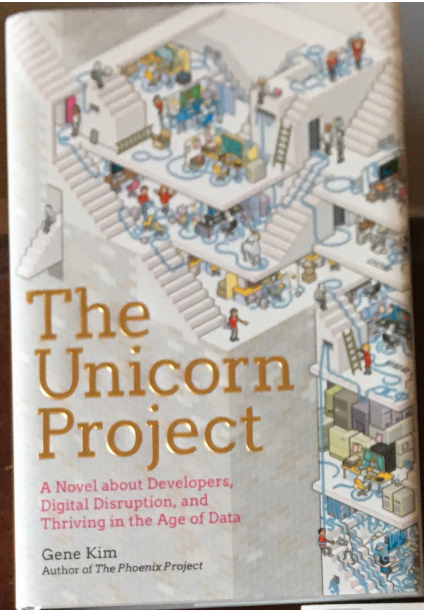
- Agile training, security training, doing training
- Application architecture
- Platform or Language of application
- Lines of code / code complexity
- Simply Test Coverage

Software Quality

- Code
 - Testing
 - Architecture
 - Coding Standards
 - Tools
- Process
 - Testing
 - Code Review
 - Tools
 - Operational Metrics
- Team
 - Culture
 - Happiness

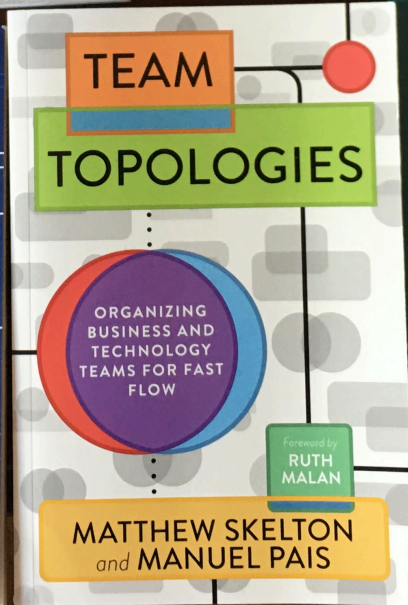
Testing

- Not the only factor
- You can't test in Quality
- Over testing is as possible as under testing
- People will do what you measure so watch what you measure or change the measurements regularly
- Early pre deployment – fast feedback
- Test Data – drives tests
- Repeatable, reliable, fewer more valuable
- Automated when ever possible



Books to read

New one – Coming soon –
Software Quality for the
Enterprise





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