THE THINKING TESTER

EVOLVED

Elisabeth Hendrickson

Blog: testobsessed.com

Twitter: @testobsessed

Available from:
http://www.slideshare.net/ehendrickson/presentations

Slides Last updated July 17, 2012

THE END?

CHANGES: BUSINESS APPROACHES

BUILD

MEASURE

LEARN

THE LEAN STARTUP

How Today's Entrepreneurs Use Continuous Innovation to Create Radically Successful Businesses

ERIC RIES
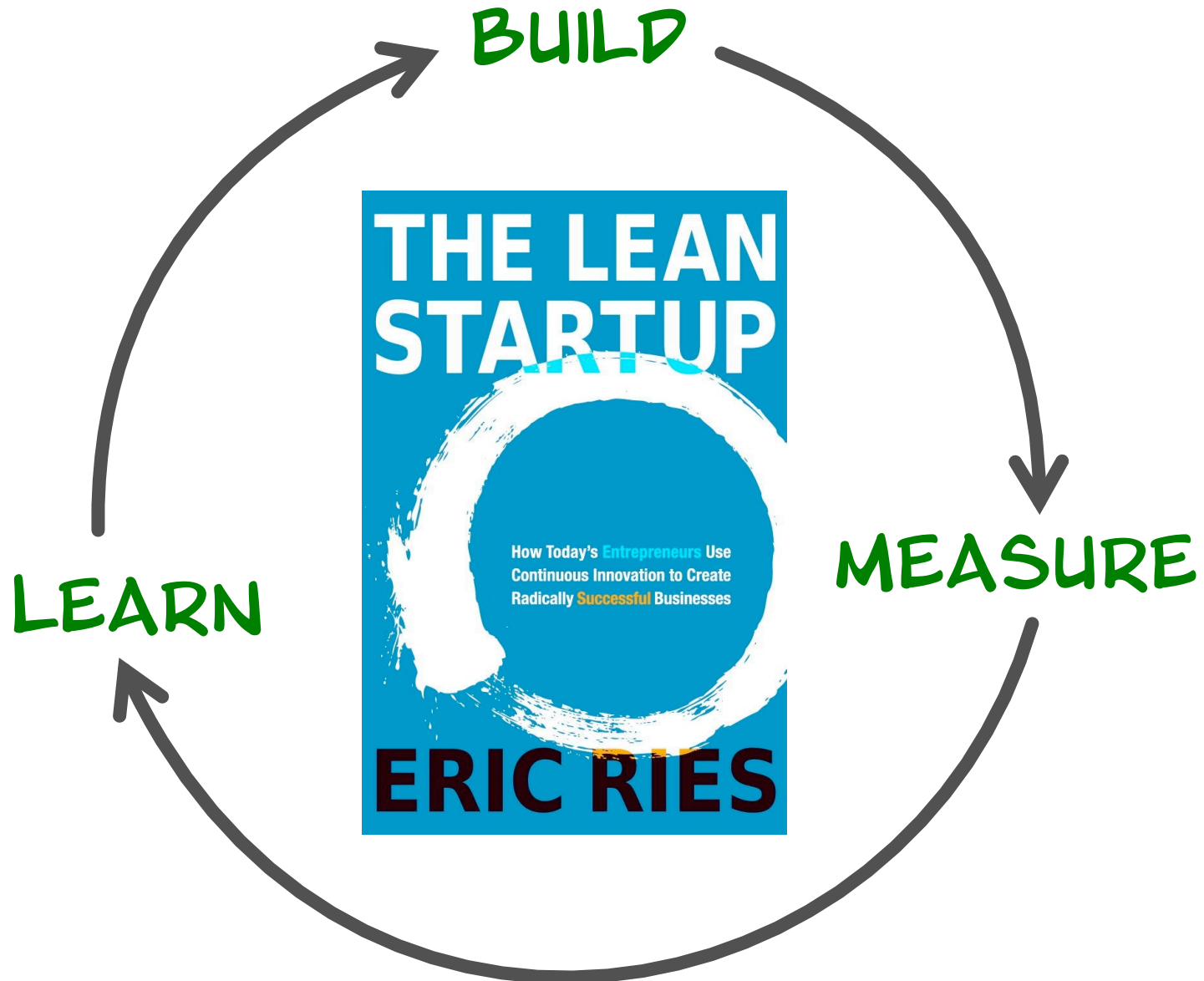
CHANGES: TECHNOLOGY
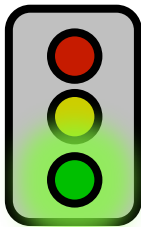
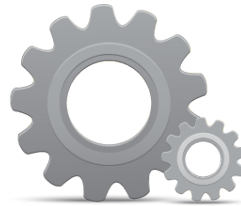## PRODUCT ARCHITECTURE
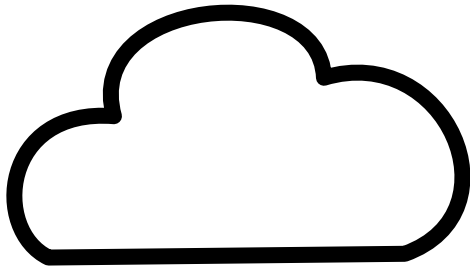
CLOUD
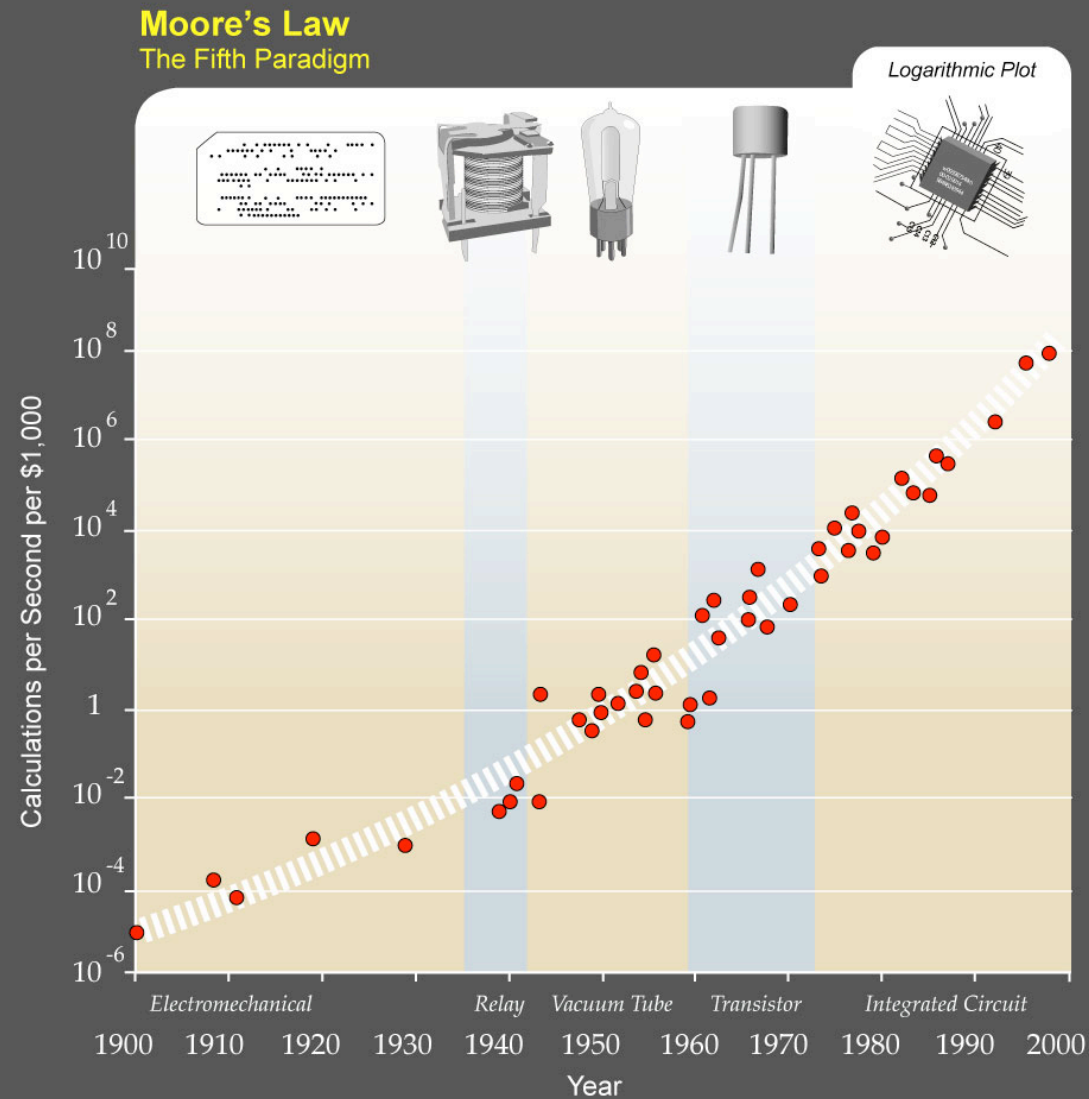
open source initiative ™

MOBILE

INFRASTRUCTURE TOOLS

CI

TEST & OPERATIONS AUTOMATION

ENVIRONMENT MANAGEMENT

CHANGES: THE PACE OF CHANGE

Source: Wikimedia Commons, courtesy of Ray Kurzweil
See http://www.kurzweilai.net/the-law-of-accelerating-returns

CHANGES: DEVELOPMENT CYCLES

THEN: PHASED CYCLES. SPECIALISTS IN SILOS. MONTHS OR YEARS BETWEEN RELEASES
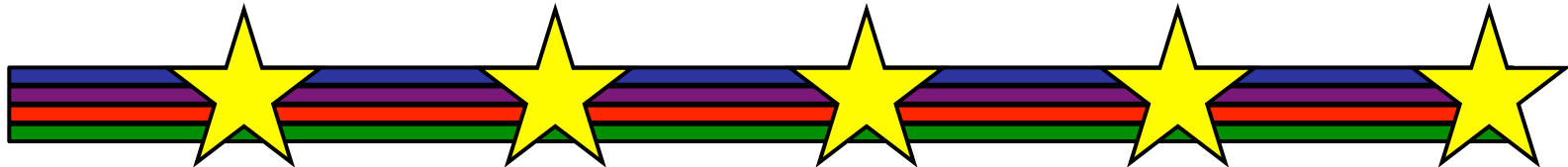
ANALYZE
DESIGN
IMPLEMENT
TEST
RELEASE!

NOW: SHORT ITERATIONS. CROSS FUNCTIONAL TEAMS COLLABORATING. RELEASE CYCLES MEASURED IN DAYS, WEEKS.

CHANGES: TESTER JOBS

A survey of job advertisements:

In 2010: we examined 187 ads. Of those, 112 (60%) required programming skills. Another 39 (20%) listed programming as a nice to have. That's 80%.

In 2011: we examined 164 ads. 102 (62%) required programming. Another 38 (23%) listed it as a nice to have. That's 85%.

In 2012: Anecdotally, 100% of the 4 ads on the job board at this conference (as of this AM) either required or desired programming.

Conclusion: testing as a profession is changing.

http://testobsessed.com/2011/12/2nd-annual-qatest-job-posting-study/

RE-FRAME

Image courtesy of greckor
http://www.flickr.com/photos/gregcutler/3701708470/
Licensed Under Creative Commons Attribution

TESTING:

ANY ACTIVITY THAT YIELDS EMPIRICAL EVIDENCE ABOUT THE EXTENT TO WHICH OUR INTENTIONS, OUR IMPLEMENTATION, AND THE ACTUAL BUSINESS NEEDS ARE ALIGNED.

TESTED =

CHECKED **+** EXPLORED

A VARIATION ON BRIAN MARICK'S AGILE TESTING QUADRANTS

	✔ CONFIRM	INVESTIGATE
BUSINESS	BUSINESS-FACING EXPECTATIONS	RISKS TO INTERNAL QUALITY ATTRIBUTES
TECH-NOLOGY	TECHNOLOGY-FACING EXPECTATIONS	RISKS TO INTERNAL QUALITY ATTRIBUTES

THE THINKING TESTER

ANALYTICAL,
RELENTLESSLY CURIOUS,
OBSERVANT,
SKEPTICAL,
EMPIRICIST,
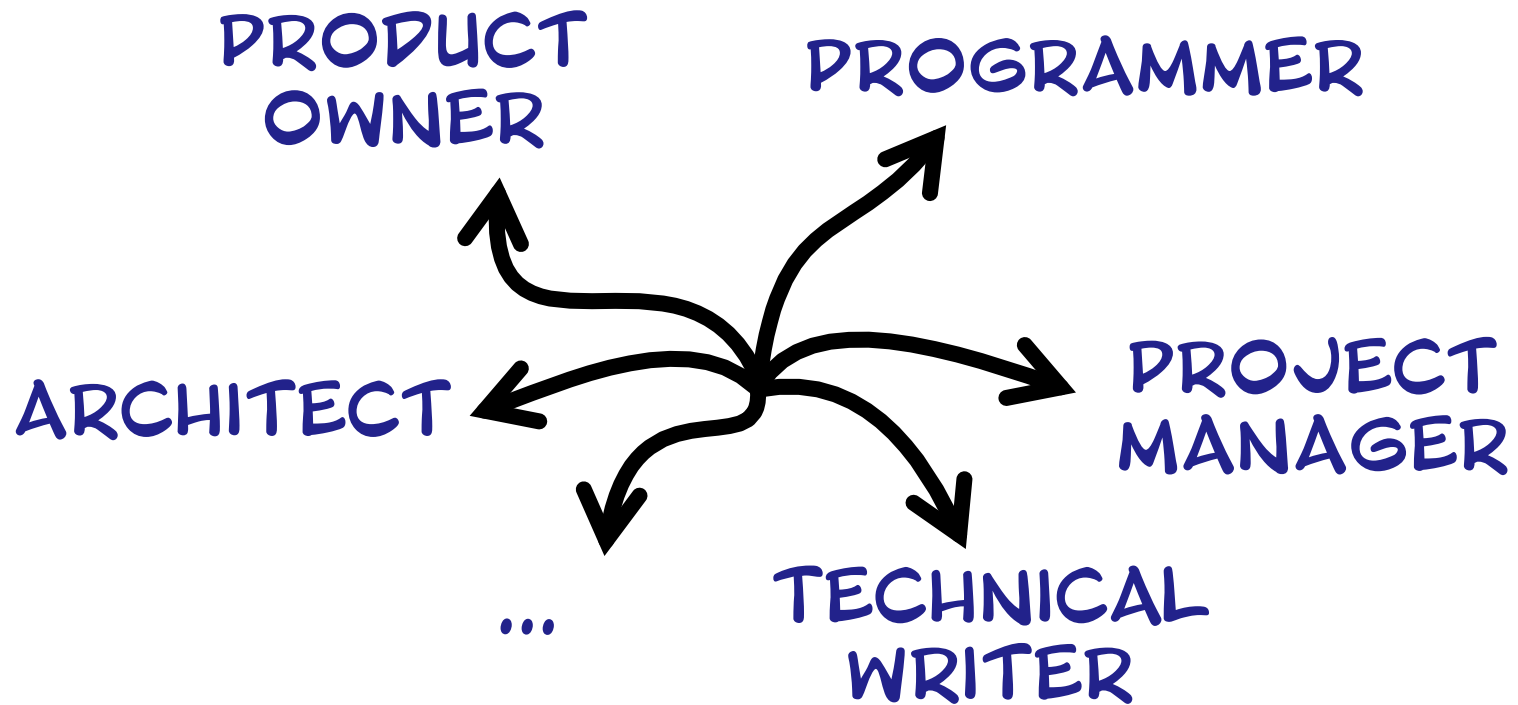CRITICAL THINKING
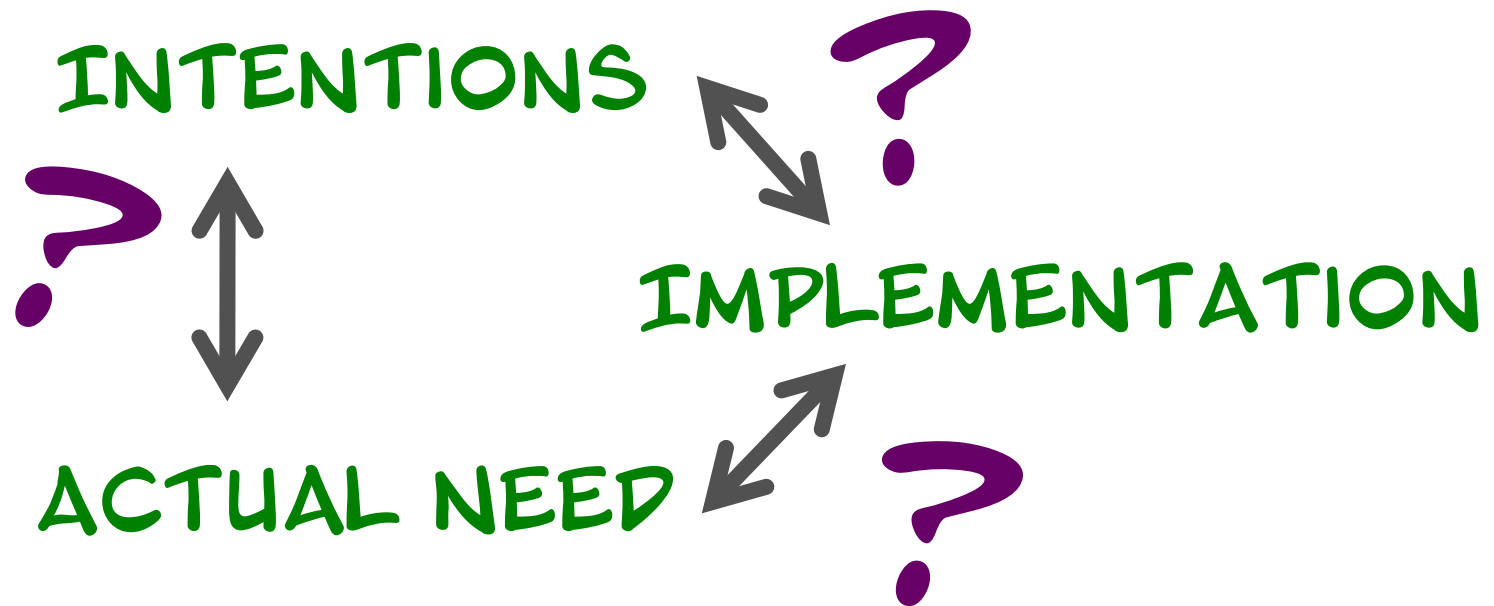INVESTIGATOR.

WE'RE NOT "JUST" TESTERS

PRODUCT OWNER

PROGRAMMER

ARCHITECT

PROJECT MANAGER

...

TECHNICAL WRITER

Image courtesy of Brian Snelson
http://www.flickr.com/photos/exfordy/123112078/
Licensed Under Creative Commons Attribution

TESTING IS SO IMPORTANT THAT EVERYONE DOES IT.

INTENTIONS

?

?

IMPLEMENTATION

ACTUAL NEED

?

THE THINKING TESTER, EVOLVED

SEES TESTING AS A TEAM ACTIVITY

SEEKS TO CONTRIBUTE & SUPPORT THE TEAM IN GATHERING EMPIRICAL EVIDENCE ALONG ALL DIMENSIONS

APPLIES TESTING SKILLS IN PERFORMING ANY ACTIVITY

PUSHES FOR EARLIER TESTING AND TIGHTER FEEDBACK LOOPS

MEETS THEIR STAKEHOLDERS WHERE THEY LIVE

TESTING IS NOT DEAD.

BUT THE CONTEXT CONTINUES TO EVOLVE, AND SO DO WE.

Image courtesy of Nana B Agyei
http://www.flickr.com/photos/nanagyei/4576996659/
Licensed Under Creative Commons Attribution