## **10 Tips for Successful Agile Transitions**

Joshua Kerievsky joshua@industriallogic.com QCON, San Francisco November, 2007



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Tip #1: Begin All Transitions with a Readiness Assessment Tip #2 – Leverage The Power Of Non-Technical AND Technical Practices



### Huh?!?!



Tip #3: Evolve By Learning A Little Of Everything

work

play



# Whole Enchilada Transition



## **Broad Brushstroke Transition**



Tip #4 Educate the Organizational Antibodies

### Educating The Antibodies



### How Would You Sell Pair-Programming?

- Don't sell it!
- Sell the risks of Solo Programming
  - Tunnel Vision (Frog-In-A-Well) Syndrome
  - Less Productivity
  - Less Knowledge Transfer
  - Longer Times Fixing Defects
  - Less Code Re-Use
  - Poorer testing
  - Etc..

### Removing Risks



### Tip #5 Business Trumps Process

(most, but not <u>all</u> of the time)



## Tip #6 Engage The Entire Organization

#### Management

Executives & Board Members, Product & Product Line Management, Sales & Marketing Management, Project & Functional Management, QA Management

#### Support

Coaches, Software Services, Facilities, Human Resources, Legal, Auditors, Finance, 3rd party vendors

#### Customers

Product and/or Project Manager, Domain Experts , Analysts (market, technical, etc.), Testers/QA, End Users / Beta Sites, Sales, Marketing & Service Support, Usability Experts, Technical Support, Educational Services

#### Development

Programmers, Technical writers, Database Designers & Administrators, Architects

Doftware Delt Ina PANEL A PROJECT COMMUNITY PROJECT COMMUNITY PANEL 1 Customers Julie - Product Manager - Hardware - KAMRAN -Dir - Quality Anecement + GOLDOWNERS Loune - Lead application specialist -ANDREW - Product Regulatory affairs - Nadia - MET ID application Specialist -JOE JOINT VENTURE DIRECTOR CONTENT - KED THE MAD - Director product Development Nich - Software Product Monager - JOHN Applied Bio-Software Manages · Gary I mpey - Tealmical Marketing Scott Software Monager PIBRRE - UP, Operationis - Byron - Product Manager / Marhating - STEVE - application Speciality - monager -HEATHERS Certawriting user Experience Manager RECTON -Dan - applied Biosystems Software Manager CONTENT - Carmoi - real-world user - Tom (REMO, CARMEN) USER experience - JIMS. - Yver Perearch S wentig -Shengping - epilication research COACHES - Eva Research Scientist TECH WRITING -GUNJAN - Jeff Z Metaloherin Speciality JANET team leaf - Chris - Francework Emergent Coach -JOSH - Rob - Francework - Ray - Framework - Declan CUS consultant - Shengping - MET ID Developer PRODUCT TEST -BRIAN MANAGERS - LEANNE tester -Sidonia application Developer IT Support - RON - Project Manager - Hai -Heatter R -DALIA - Software Lead / Emergent coach - application Developer - Jim Bohanon BIDADALYST Daveloper - Victor - Friedrich - Laison to ANALYST More Customere SOFTWARE OLYPLITY ASSURANCE CUSTOURS OFTWARE SUPPORT SSLER - Fiona - Produce nonager- Handware - Crustal -HARVEY -Tamara - Product Manager-Handware renotecl Unisting Diedaws/Mersh Genard Hopefgortner Univor Geneva ning. Ellipt - Lovisetta METABOLISM specialists am. -alicio Oblite EXLOF

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## Tip #7 Pick A Big Important Project!



### Tip #8 – Handle The Scaling Problems



### Serialized Knowledge Transfer



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### eLearning To The Rescue



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### Parallel Knowledge Transfer







### XP/Agile Yields Results Faster





### XP/Agile Productivity Improvement

	Previous Performance	Current Performance	Percentage Improvement
Cost	\$2.8 Million	\$1.1 Million	61%
Schedule	18 Months	13.5 Months	24%
Defects	2,270	381	83%
Staffing	18	11	39%

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### Tip #10 - Fail Fast!



### **Failing Fast**

FIT brings domain experts, analysts, testers and programmers into a test-driven development cycle that yields executable specifications.

FIT is a monumental achievement in software development because it utterly succeeds in uniting the actions of those who analyze, specify, test and program software systems.

FIT is an innovative tool that succeeds wildly in uniting the actions of those who analyze, specify, test and program software systems.

By guiding how domain experts, analysts, testers and programmers collaborate on the creation and validation of simple, tabular-based examples of business rules, FIT has fundamentally changes the way quality software gets built.

By providing a simple, effective method for creating and automating tabular examples of business rules, FIT has significantly improved how domain experts, analysts, testers and programmers collaborate to produce quality software.

# THANK YOU!