

Adopting and Adapting Agility

FROM
"HOW"
TO
"WHY"

David Hussman – DevJam

DevJam Agility



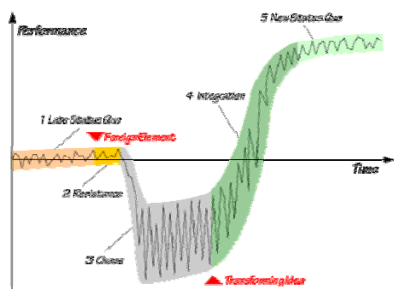
Questions?

Please!

Expectations and Experience

How To Fail

Fail to Respect the Cost of Change



Change must happen *with* people and not *to* them

"This is what you should do"



Prescriptive over Descriptive



"This is what I have seen work"

Certification Over Experience



**How To Succeed
(sustainable agility)**

1) Ask Why?

Take A Position

"We are uncovering better ways of developing software by doing it and helping others do it. Through this work we have come to value:"

- Individuals & interactions over processes & tools
- Working software over comprehensive documentation
- Customer collaboration over contract negotiation
- Responding to change over following a plan

"... there is value in the items on the right, we value the items on the left more."

<http://agilemanifesto.org>

Continuously Learn (Kaizen)

Find & Stop Wasteful Activities

Why embrace agility?

What are your goals?

What are your challenges?

2) Invest in Education

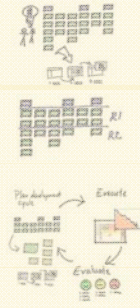
Embrace Learning

Read a book

Take a course

Draw on people's experience

DevJam U (how we teach agility)



The diagram shows a cyclical process flow: Plan/develop/ship -> Evaluate -> Evaluate -> Plan/develop/ship. It includes icons for a person, a grid, a task wall, and a velocity chart.

Creating Community and Common Vision	
Form Communities	(Chartering)
Compose a Product	(Backlogs - Personas - User Stories)
Create an Eco-System	(Iteration 0 - Common Workspace)
Prioritizing and Planning	
Product Releases	(Releases - Priorities - Estimates)
Iterative Delivery	(Iterations - Stories/Tasks - Estimates)
Iterative Delivery and Tuning	
Staying Connected	(Daily Standup - Common Workspace)
Tracking Progress	(Task Wall - Burnchart - Velocity)
Technical Agility	(Continuous Integration - Test Driven)
Delivering Value	(Acceptance Test - Story Sign Off)
Tuning and Improving	
Validating Progress	(Iteration Review)
Reflect and Improve	(Retrospective)

Make the Process Work for You

Evolve	↑	(ri)
Improvise		(ha)
Practice		(shu)

(Shu) Fundamentals



The diagram shows a spiral of increasing visibility from the center outwards. The spiral is divided into concentric layers: Continuous, Daily, Iteration, Release, and Strategy. The word 'VISIBILITY' is written vertically along the spiral. An arrow points from the center towards the top right, labeled 'Agility is...'. Another arrow points from the center towards the bottom right, labeled 'Delivery'. The spiral is surrounded by various agile practices and values like 'simplicity', 'transparency', 'unity', 'adaptability', 'collaboration', 'communication', 'flexibility', 'learning', 'experimentation', 'iteration', 'continuous integration', 'test driven', 'daily standup', 'task wall', 'burn chart', 'velocity', 'backlog', 'user stories', 'personas', 'chartering', 'common workspace', 'acceptance test', 'story sign off', 'iteration review', 'retrospective', 'daily standup', 'task wall', 'burn chart', 'velocity', 'continuous integration', 'test driven', 'acceptance test', 'story sign off', 'iteration review', 'retrospective'.

Which practices will you use and why?

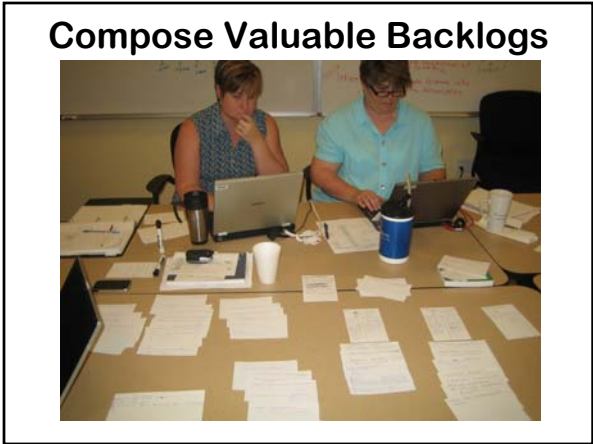
3) Be Prepared (pre-production)

Make Your Transition Testable

Define value being added

Track progress of value added

Iteratively review progress



Create Informative Workspaces



Sprint 0 Task List

- Web project skeleton - Done
- NAnt Build - 50%
- Cruise Control Setup - 0%
- Nuke & Pare - 0% - Bob
- Web site Frameworks - Bob in progress 10%
- Load/stress Testing
- MVC?
- Transaction Mgmt.
- Concurrency
- Laptop Setup - 40%
- Developer Setup Doc - D

Validate

Technical

Readiness

Focus on Products

Who Are Your Buyers?

What Are Their Needs / Interests?

What Other Investments Are Needed?

4) Find A Groove (Ha)





Practice Pragmatic Tasking



Balancing Specialists & Generalists

Keep Meetings Meaningful

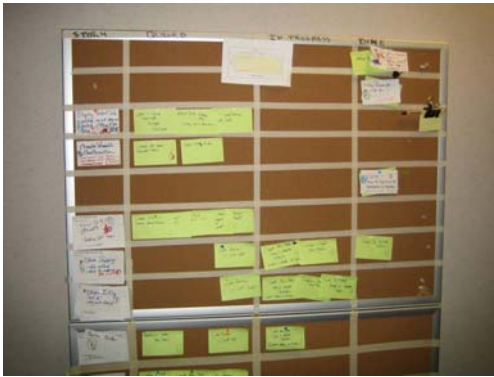


Standing is the Easy Part

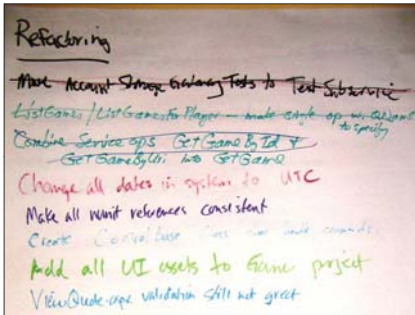


Promote New Ideas

Start Important Discussions



Practice Practices



Manage Technical Debt

Measuring Adoption Value

Which practices are being used?

Are they adding value?

How could you help improve a practice?



6) Reflect and Tune (Ri)

Discuss “Done” Often



Celebrate Success



Face the Music

Questions?

DevJam

Developing And Coaching Agility

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