

Lean & Agile



Jeremy Lightsmith

Best Practices



<http://en.wikipedia.org/wiki/Cynefin>

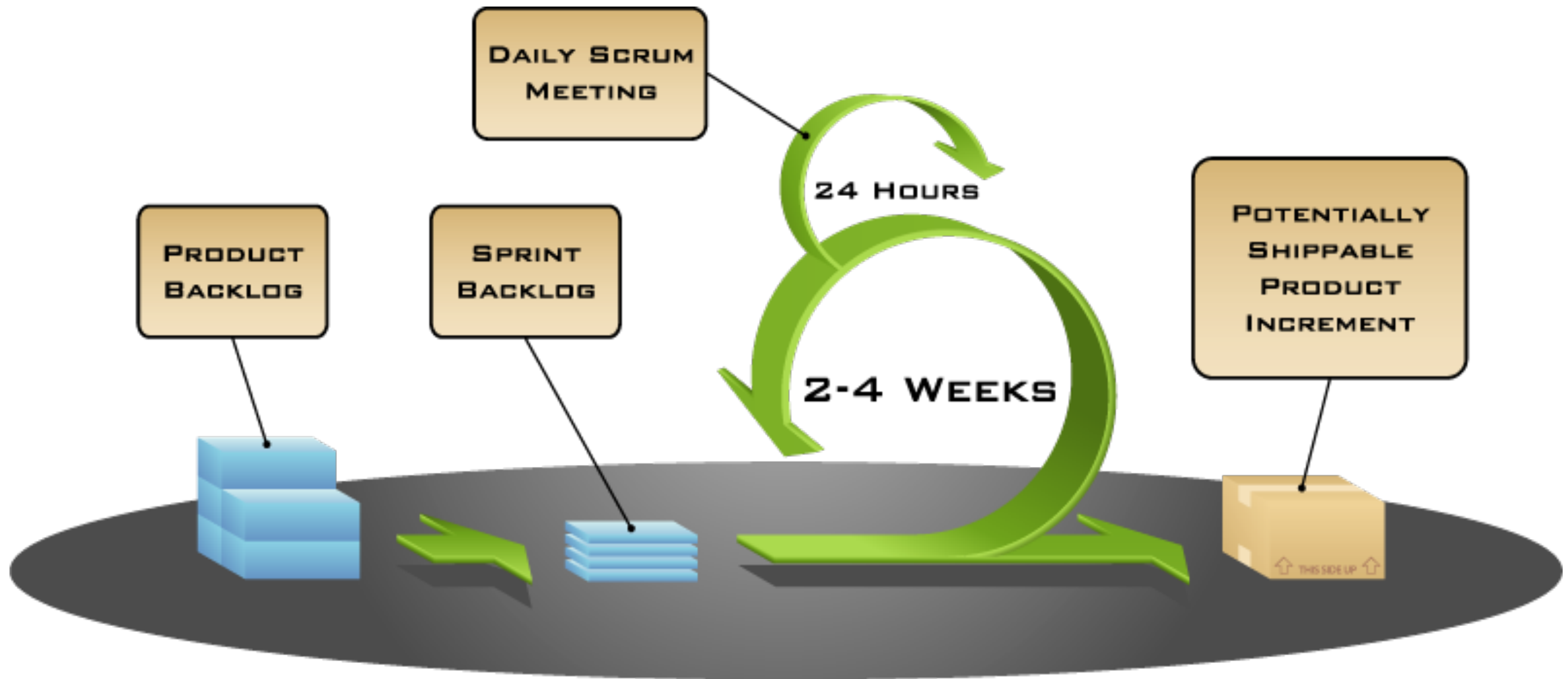
Agile ~ Scrum + XP

Manifesto for Agile Software Dev.

W
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G
A

- INDIVIDUALS AND INTERACTIONS OVER PROCESSES AND TOOLS
- WORKING SOFTWARE OVER COMPREHENSIVE DOCUMENTATION
- CUSTOMER COLLABORATION OVER CONTRACT NEGOTIATION
- RESPONDING TO CHANGE OVER FOLLOWING A PLAN

<http://hypergogue.net/2010/07/30/sexier-skunkworks/>



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<http://www.mountangoatsoftware.com/scrum/figures>

You Ain't Gonna Need It

Inspect & Adapt

Iterative Development

Self Organization

Refactoring
Pair Programming
Test Driven Development
Continuous Integration
Evolutionary Design

to win...

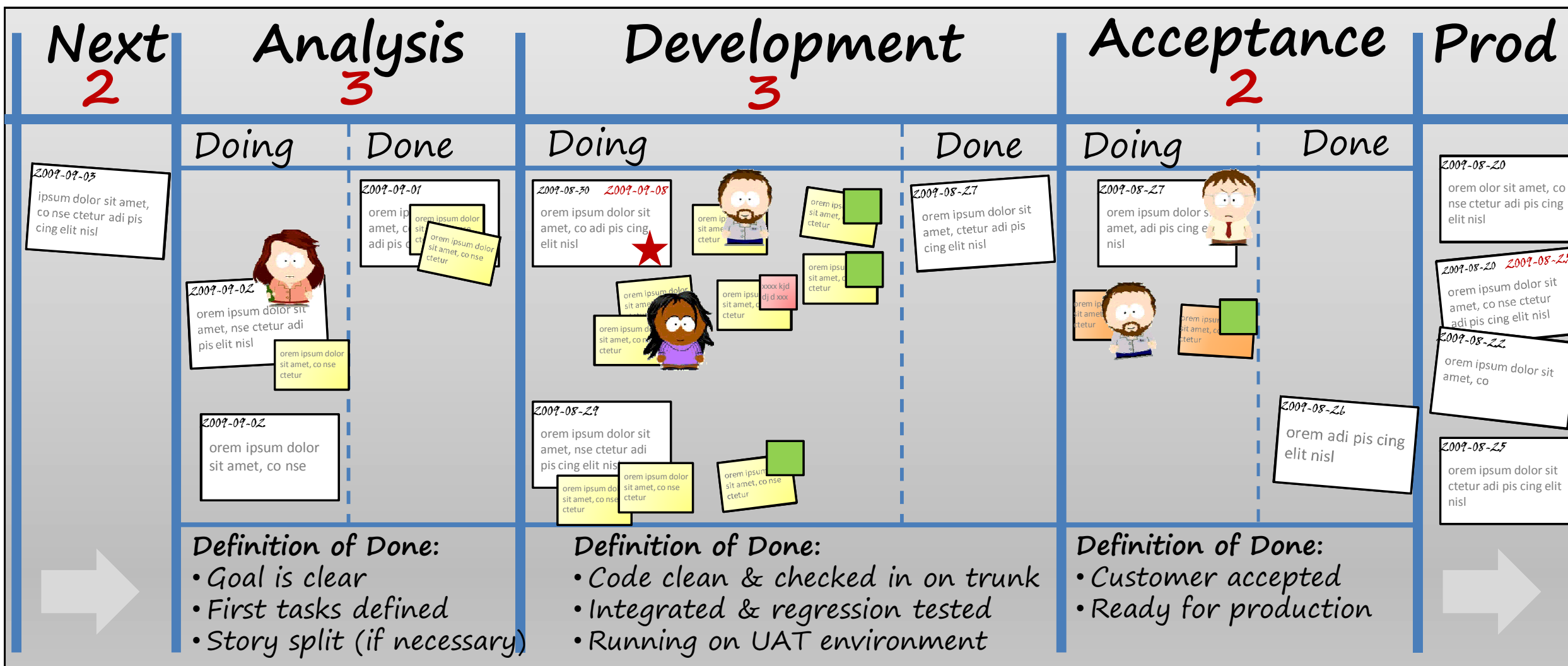
**maximize how much you
deliver over a timebox
minimize defects**



=> LEAN => Kanban



=> Lean Startup[®]



Feature / story

Date when added to board

Hard deadline (if applicable)

2009-08-20 2009-09-30
(description)

★ = priority

★★ = panic

Who is analyzing / testing right now

Task / defect

(description) = task (description) = defect

(description) = completed

(description) Why = blocked

(description) = who is doing this right now

What to pull first

1. **Panic features** ★★
(should be swarmed and kept moving. Interrupt other work and break WIP limits as necessary)
2. **Priority features** ★
3. **Hard deadline features** (only if deadline is at risk)
4. **Oldest features**

Manage the flow of work

- by reducing waste
- using visual controls

Limit work in process

Pull Systems

Just in Time

Optimize the whole

Plan, Do, Check, Act

to win...

maximize delivered value
minimize number of
things in your system and
how long they are there

Kanban Boards



<http://personalkanban.com/>



http://www.agileproductdesign.com/blog/2009/kanban_over_simplified.html

@diggrin

Other

Release 2

Release 1

On Deck (4)

In Process (4)

Review (4)

Deployed

Sign out
Status
(from login)

Intro
State

Facebook
Fan

Scaled
Ranking

iPhone
App

FAQ

More
Sticky

Test
Login

FB
Twitter

Home Page
Copy

Pitch
Deck

Recruit
mail

Security
50 users

Cache
Fav
Info

Link 2
Mobile
Web App

Throttling
i +

Blog

Market
Research
- complete

Make
Friends
w/ Digi

Friend
Finder

Remote
Ranking

Logging
in

About
Copy

Feasibility

Handouts
- make your
own handouts

Names

Create
Text
Copy

Facebook
Connect

Send
Tests

UI -
week
work

Everyone
Logs In

NEED
Custom
Login
(NOT 4sq)

WHO ARE
EARLY
ADOPTERS?

What's in
Version 2

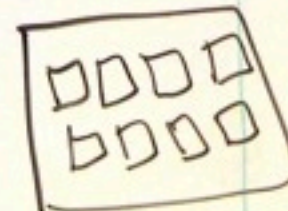
See how
everyone
in location

Mobile
Sign up

Picture &
Text

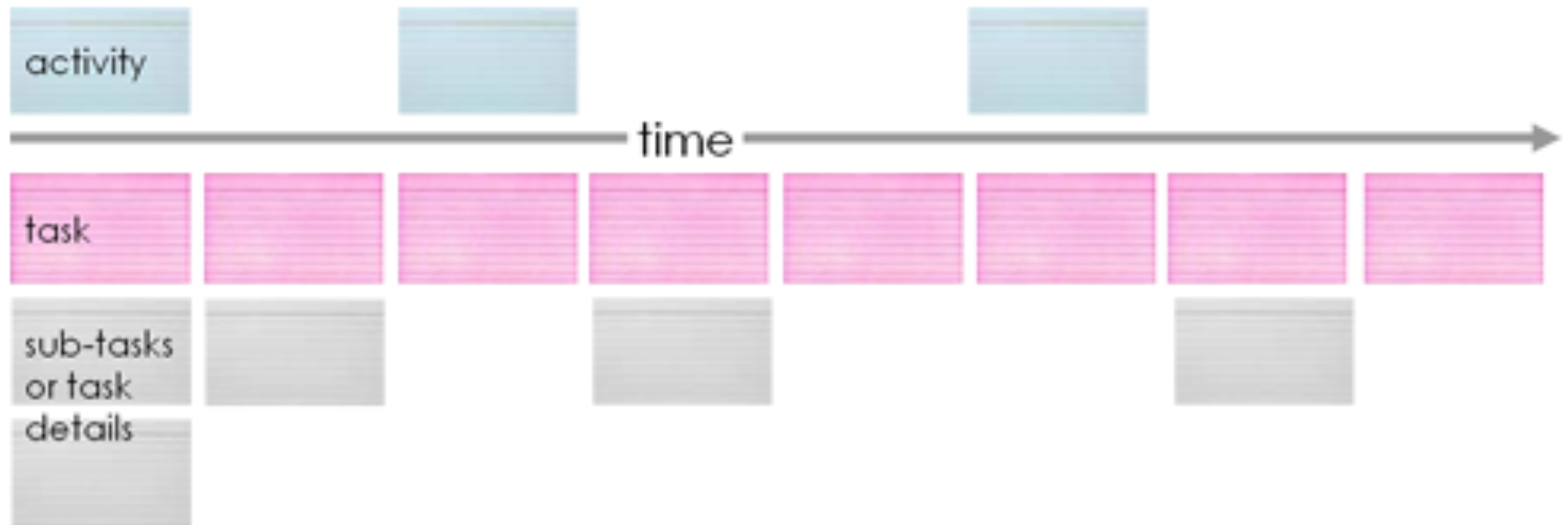
Strenger
Guns

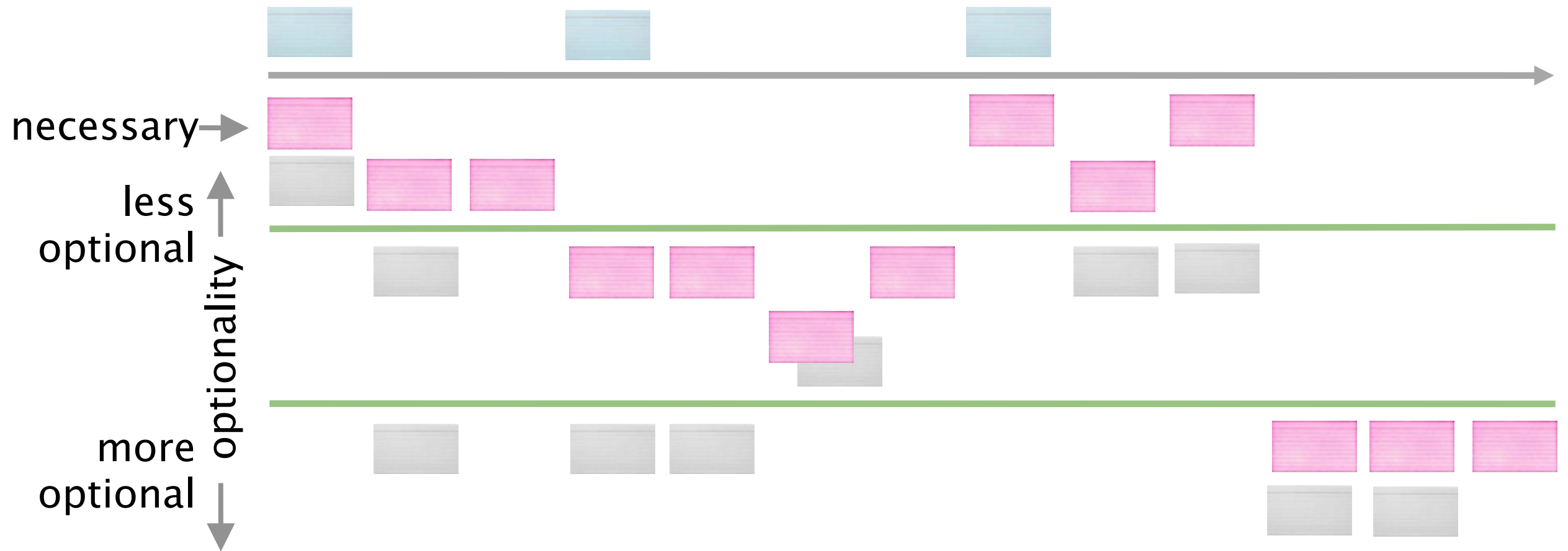
Various
USE CASE
SCENARIOS



Twitter

Story Mapping





Standups

Retrospectives

keep

Pass the Stewie
AB Cheating
Stories
4 projects



get rails background 64~

naming conventions cheatsheet

Command

"

visual flow chart (pass stewie)
" what you don't see

Market Git
Cloud
couple years dev

"this isn't going 2 make any sense 4 an hour 1/2"

send 2
everyone
here

The
Pragmatic
Programmers

Agile Retrospectives

Making Good Teams Great



*Esther Derby
Diana Larsen*

<http://www.pragprog.com/titles/dlret/agile-retrospectives>

???'s

About me



I spend most of my time & energy building highly performant software development teams.

A seasoned agile coach, trainer & facilitator, I work hard to create environments where teams can discover how they work best. I have a deep understanding of agile, and am constantly looking for better ways to share knowledge and collaborate.

Find me (and this presentation) @
<http://jeremylightsmith.com/>

- Jeremy Lightsmith