Methodology à la Carte

ACCU 2013 Conference
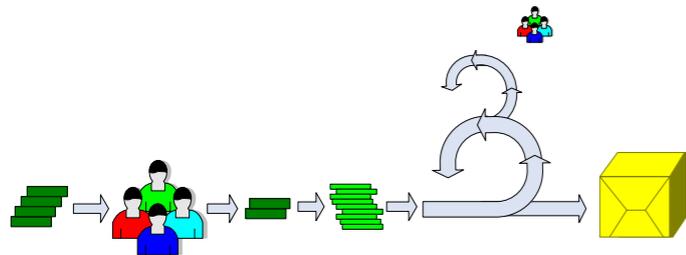
Giovanni Asproni

email: gasproni@asprotunity.com
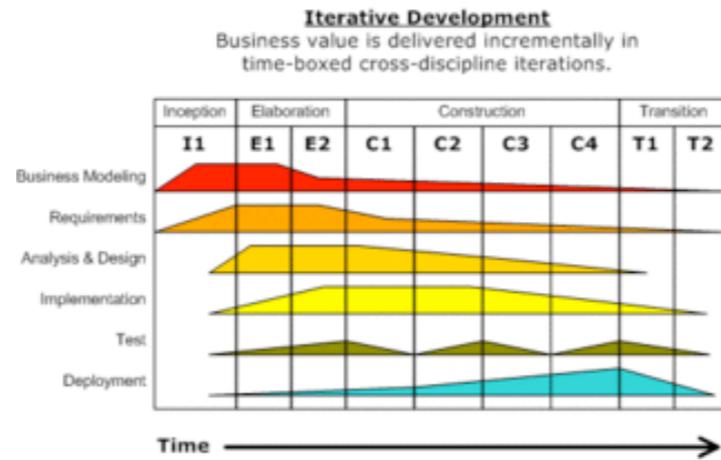twitter: @gasproni
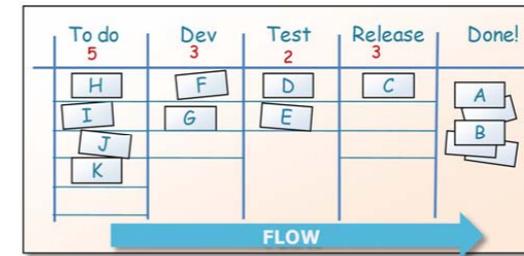linkedin: http://www.linkedin.com/in/gasproni

Scrum, Kanban, RUP, Evo, DSDM, etc., are Only **a** Beginning. Start with one of them if you like, but **change anything** that is **not working** for you.
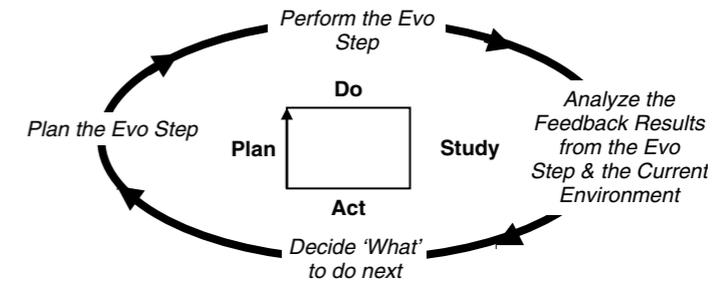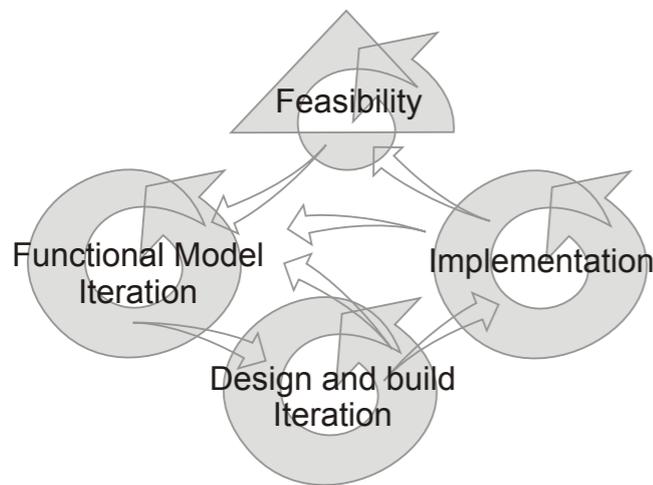
Scrum

Iterative Development
Business value is delivered incrementally in time-boxed cross-discipline iterations.

RUP

Kanban

Evo

DSDM

Custom

eXtreme Programming

Methodology

"Your "methodology" is everything you regularly do to get your software out. It includes who you hire, what you hire them for, how they work together, what they produce, and how they share. It is the combined job descriptions, procedures, and conventions of everyone on your team. It is the product of your particular ecosystem and is therefore a unique construction of your organization."
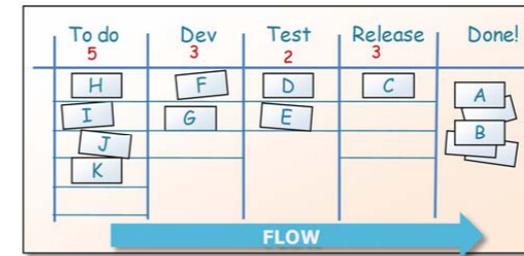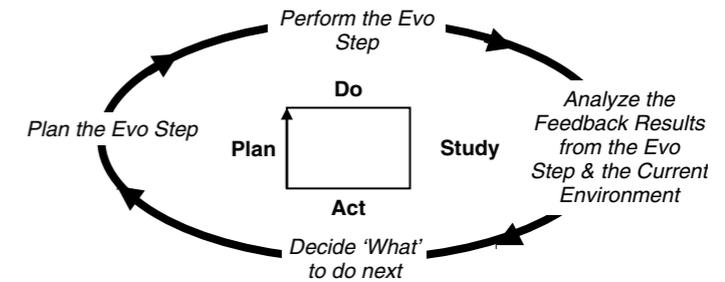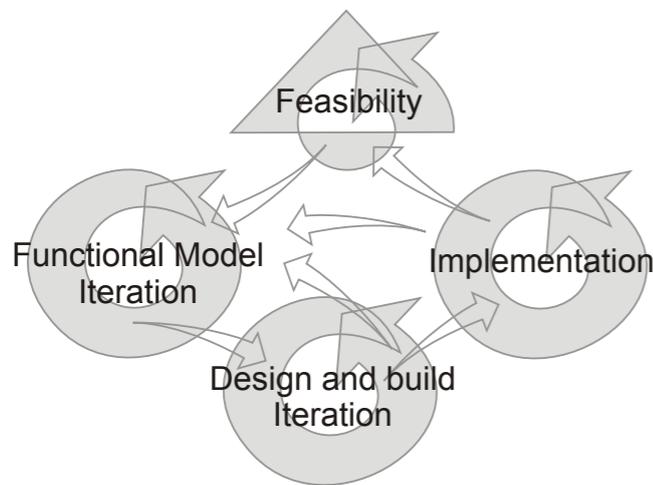
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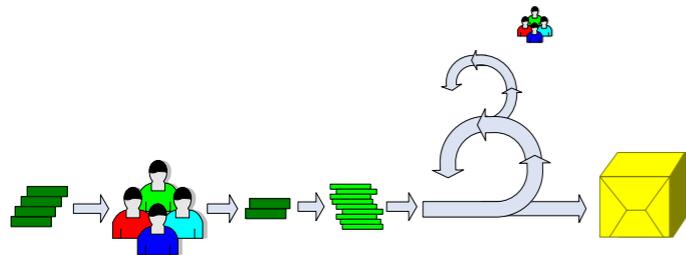
Scrum

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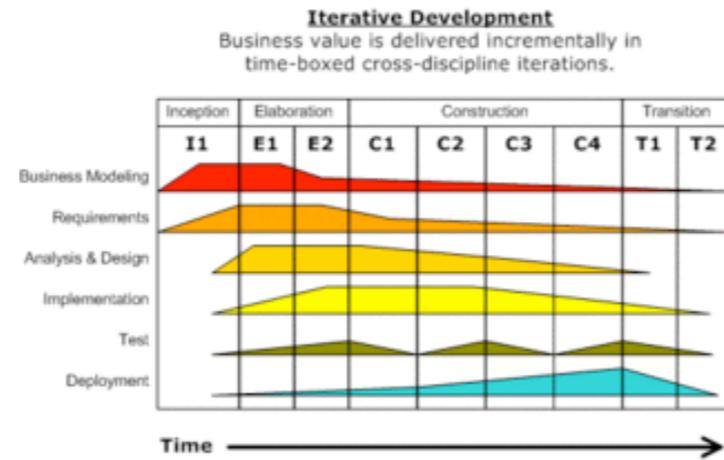
DSDM

Custom

eXtreme Programming

The Never-ending Software Methodology Debate

1. Start: Waterfall is the mainstream methodology

2. The mainstream methodology shows some limitations

3. Somebody proposes a new, or lesser-known, or almost forgotten methodology and shows how it addresses the limitations at step 2 (and how it's better than Waterfall, of course)

4. After a long argument, heavily based on personal opinions, and often light on facts, the methodology at step 3 becomes the mainstream one

5. Go to step 2

Context

Company culture

Team culture

Skills

Customer culture

Preferences

Product

Budget

Time

Methodology and context are interlinked

Tools and practices come from the same set

Different methodologies just mix and match tools and practices differently

A pattern language?

Getting started

Conjecture

If the situation is messy, anything that reduces the mess will greatly improve the situation.

Second Conjecture

If the situation is good, improvements will give a smaller bang for the buck.

Getting Started

- Set your goals

- Understand the context

- Choose a set of practices to implement

- Inspect and adapt

A Big Problem

It is very difficult to come up with a certification scheme to make money out of it

à la carte |ˌä lä ˈkärt, lə|

adjective

(of a menu or restaurant) listing or serving food that can be ordered as separate items, rather than part of a set meal.
• (of food) available on such a menu.

adverb

as separately priced items from a menu, not as part of a set meal: *wine and good food served à la carte*.

ORIGIN early 19th cent.: French, literally **'according to the (menu) card.'**

Two examples and a counterexample

Small team working on a bioinformatics application

Team coordinating the work of 7 other teams for an investment banking application
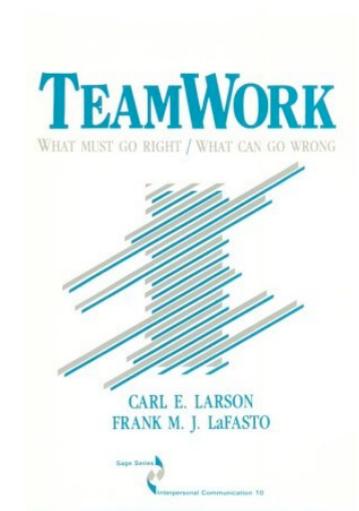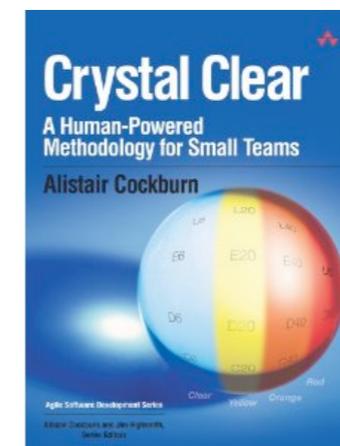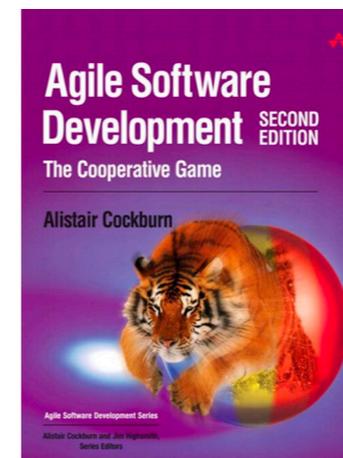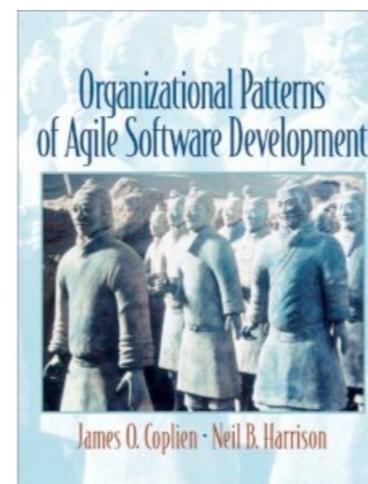
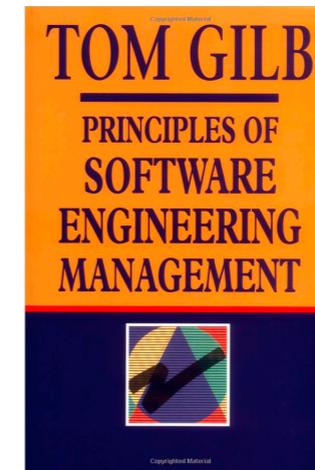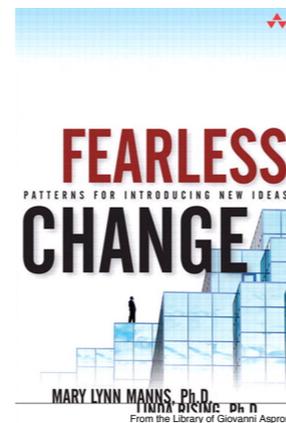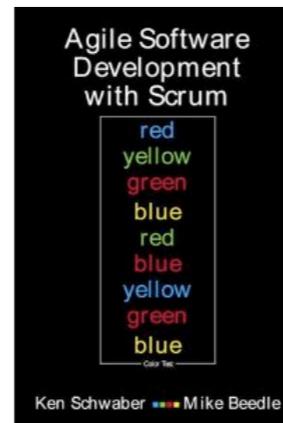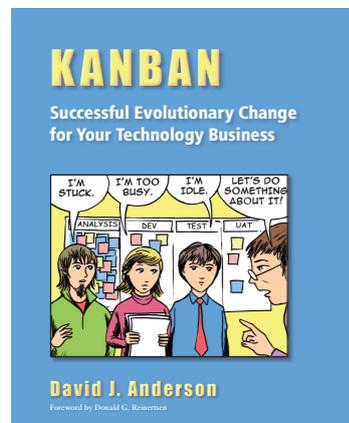Team doing eXtreme Programming by the book

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Links

- http://www.agilemanifesto.org

- http://www.agilealliance.org

- http://www.dsdm.org

- http://www.gilb.com/Project-Management

- http://limitedwipsociety.ning.com

- https://www.scrum.org/ScrumGuides.aspx

- http://www.scrumalliance.org

- http://asprotunity.com/papers.html

Some Books
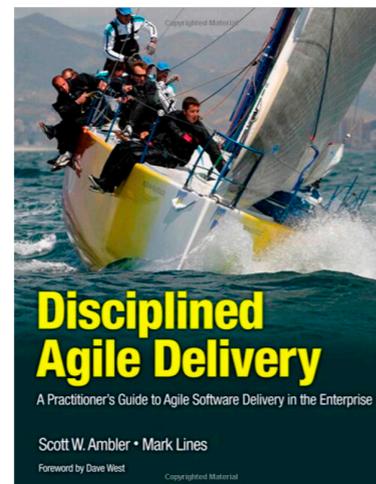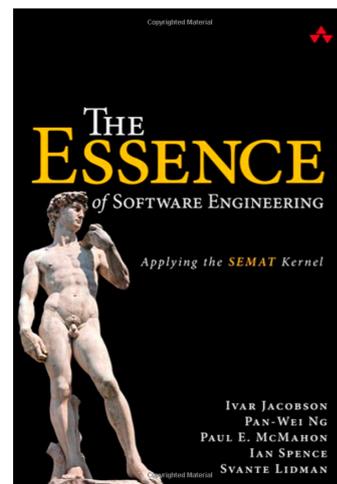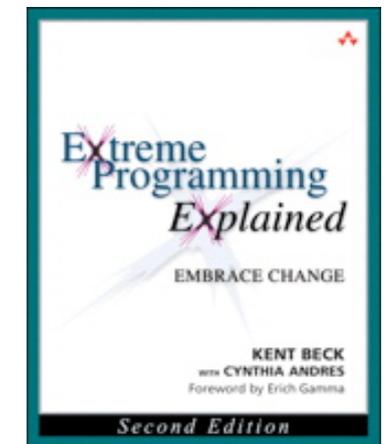
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  - https://commons.wikimedia.org/wiki/File:DSDM_Development_Process.svg

  - http://en.wikipedia.org/wiki/File:Question_mark.png

  - http://www.devzombie.com/pages/xp-extreme-programming

  - http://www.openscience.org/blog/?p=287

  - http://www.infoq.com/minibooks/kanban-scrum-minibook