

Introduction in Agile Methodologies

part 2

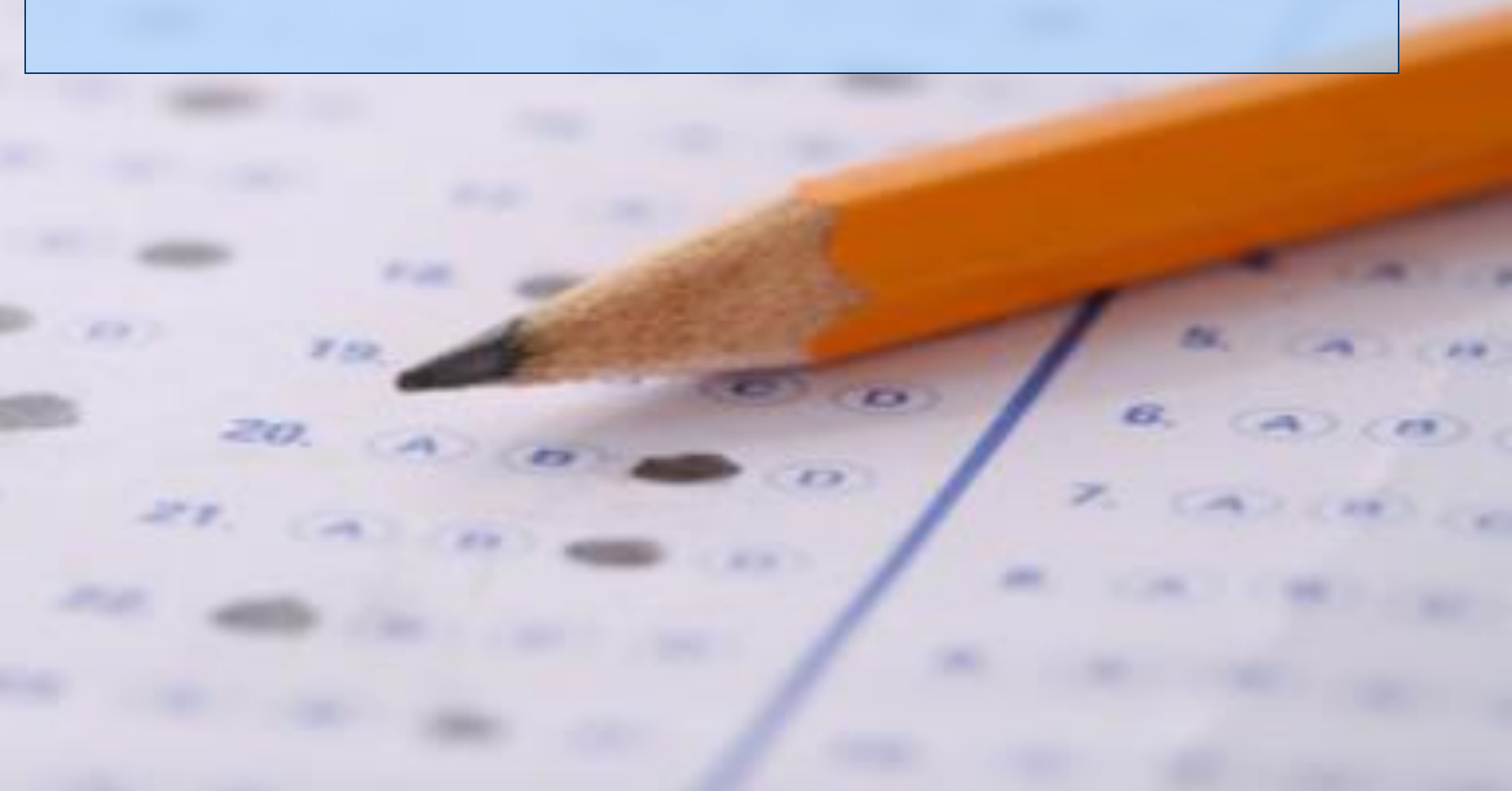
2

Course structure

- Agile Methodologies - Overview
- Scrum
- Extreme Programming
- Kanban
- Crystal
- The Agile Unified Process

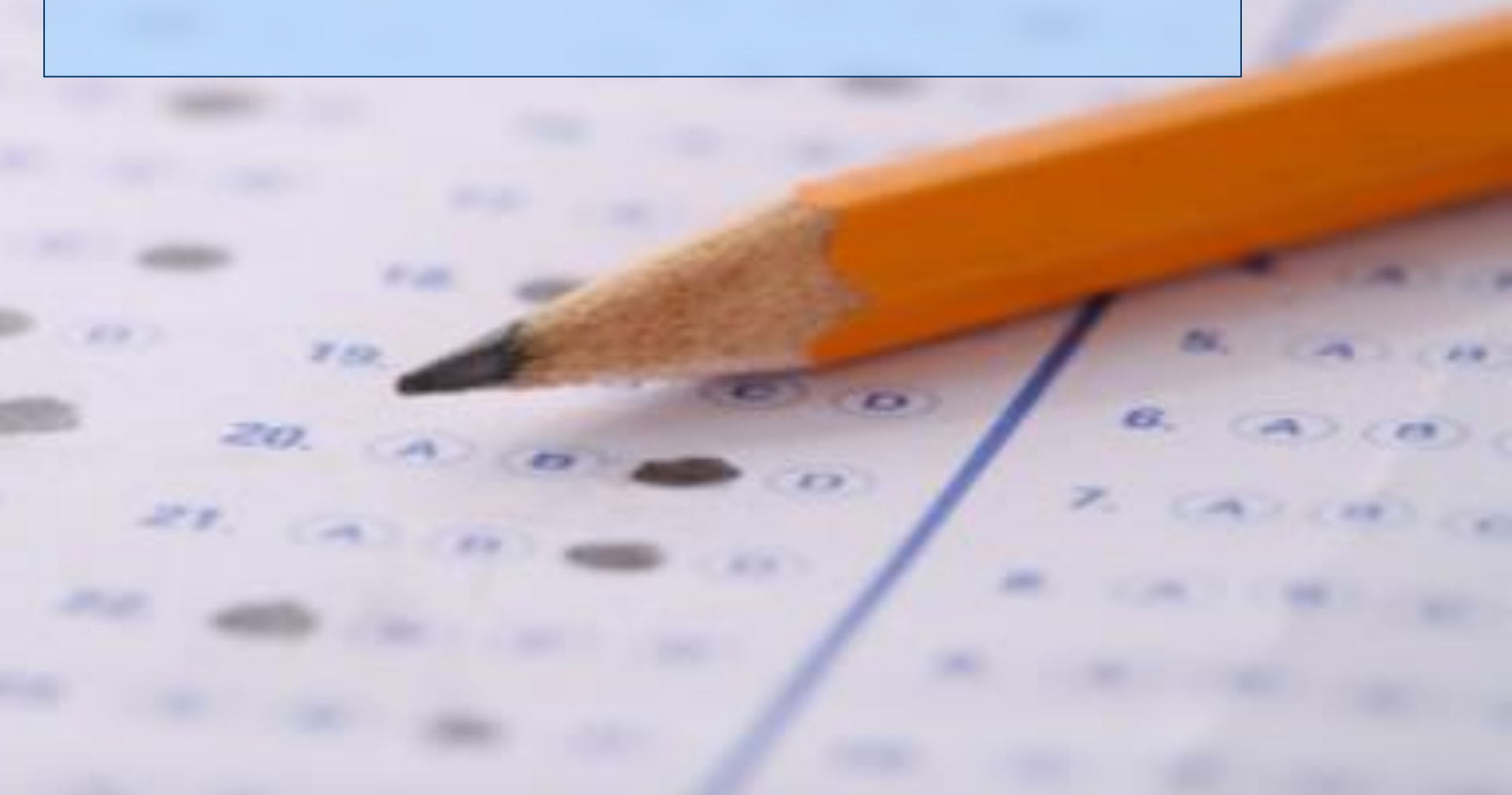
Presentation – optional, +2 points

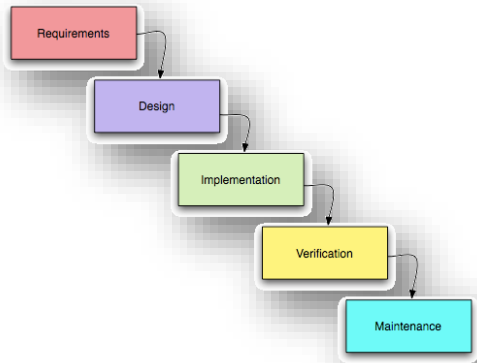
- When? - seminar (last 4 weeks)
- What? - own experience
- How? - *Powerpoint* presentation



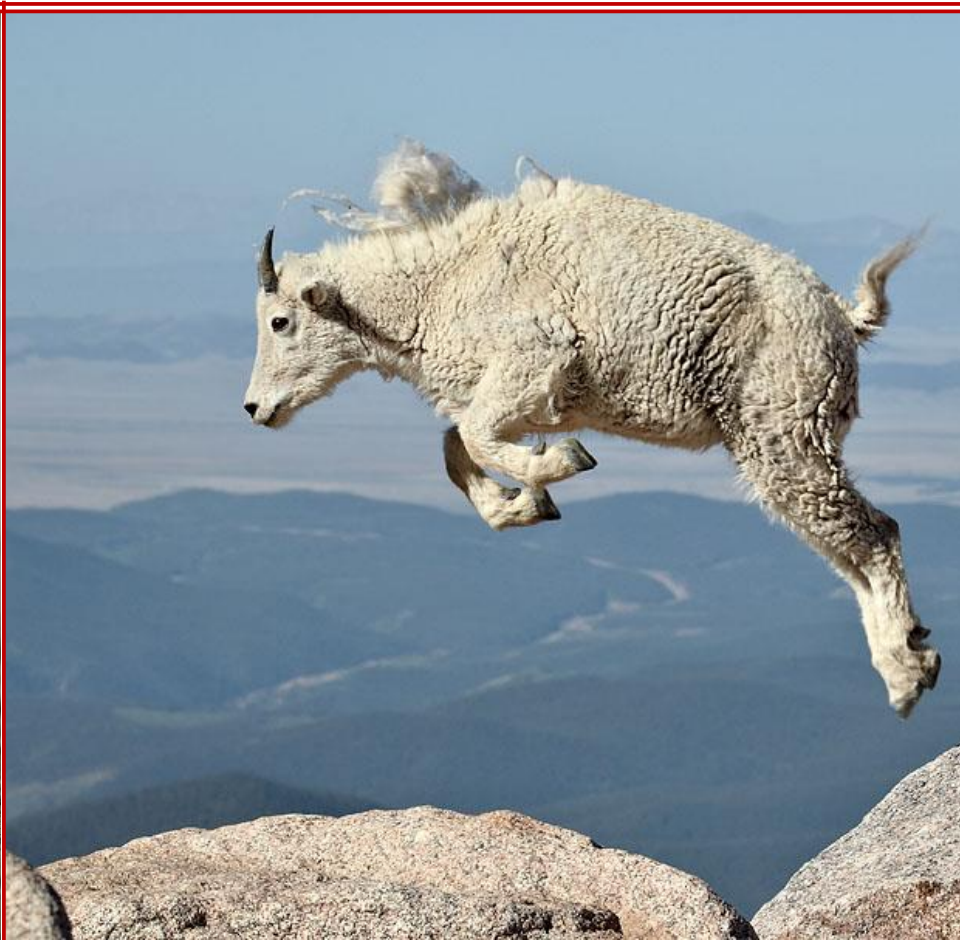
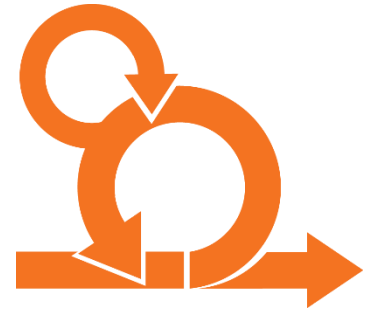
Test

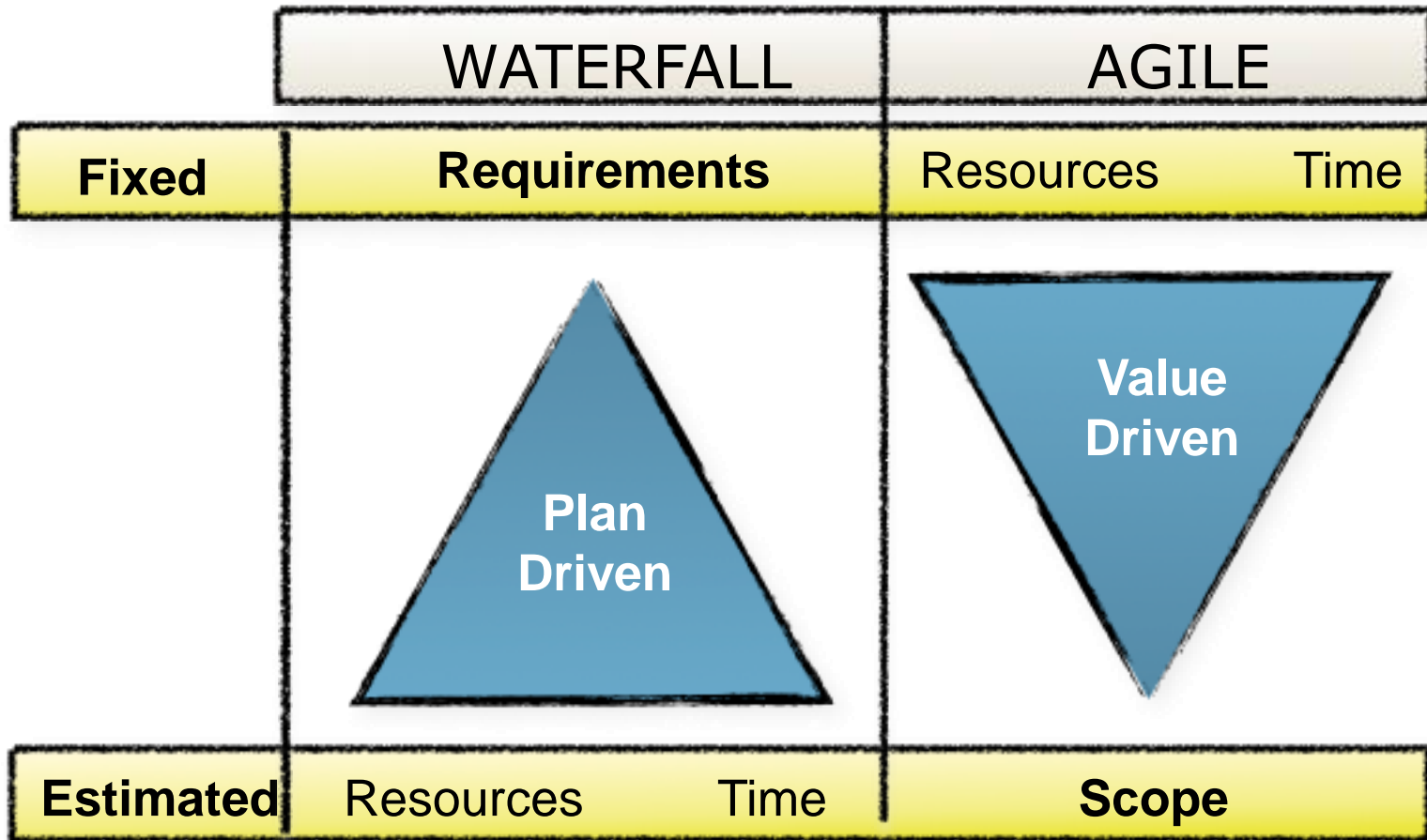
- When? - session
- What? - multiple choice test
- How? - written

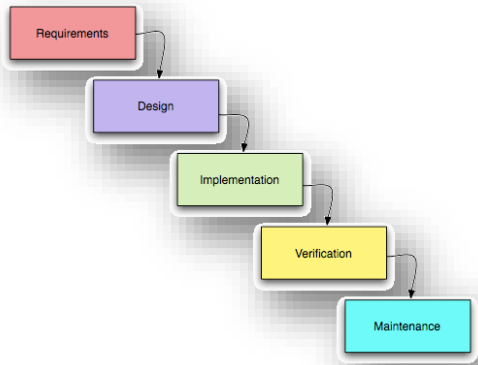




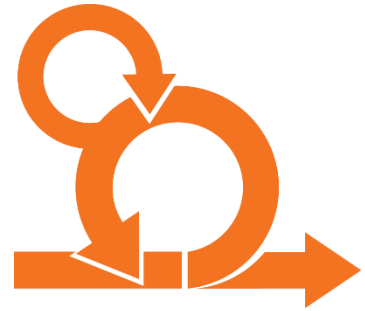
Overall picture







Change

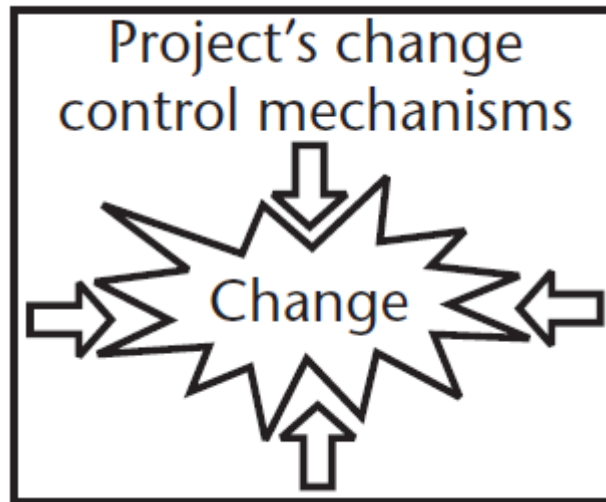


■ Incomplete specifications

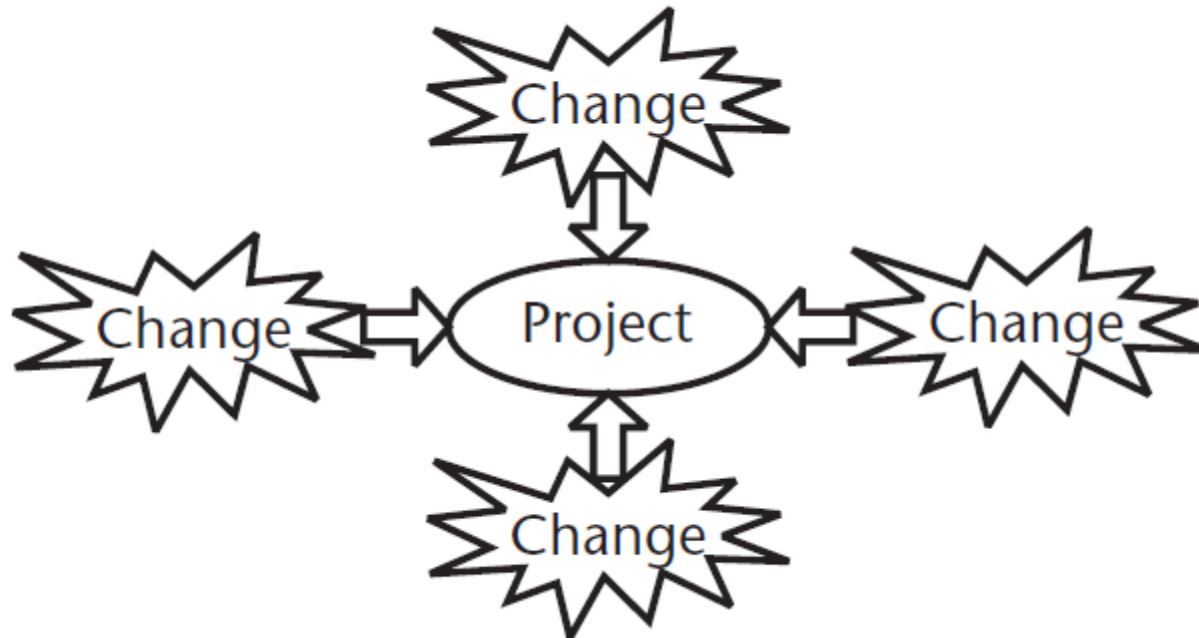


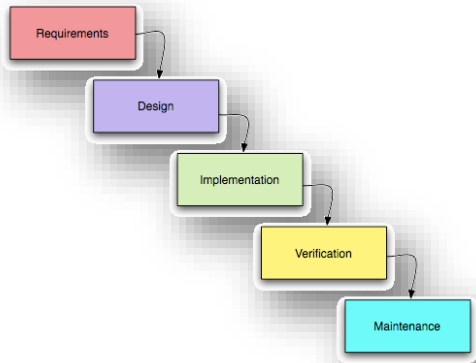
■ Significant estimation errors

Controlling Change

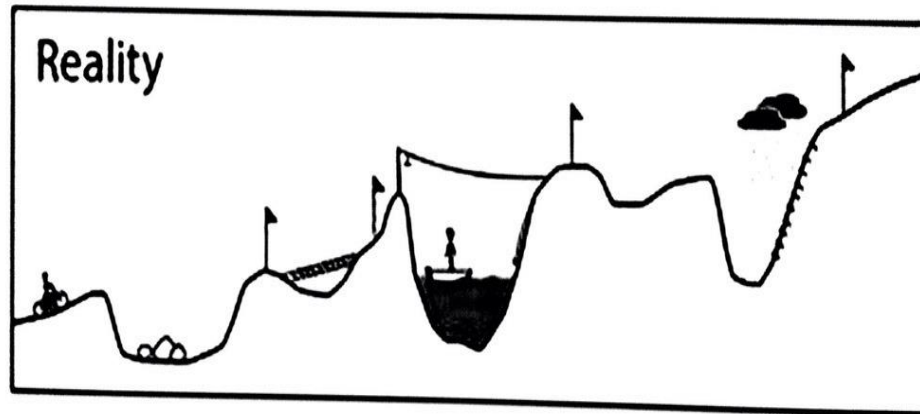
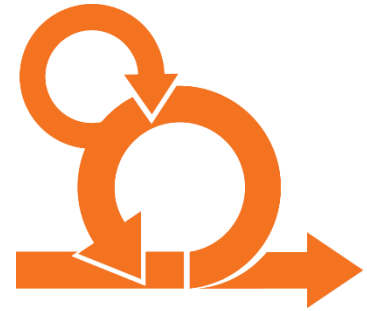


Reacting to Change

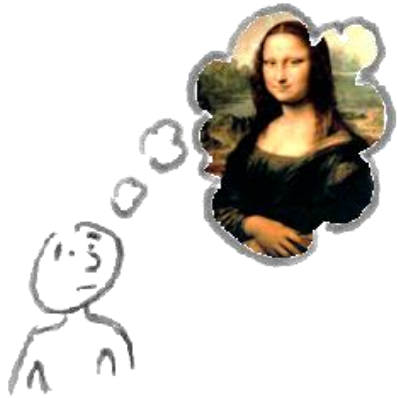




Planning



Plan-driven

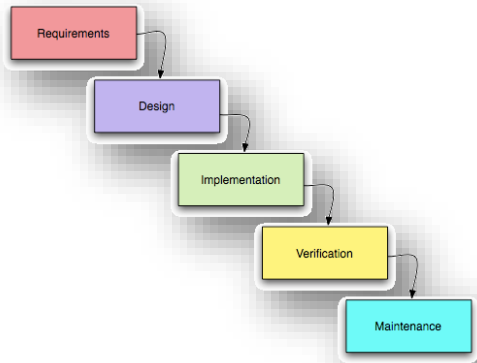


Evolutionary

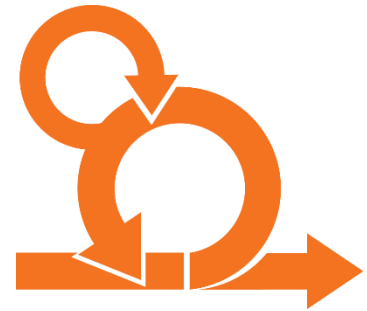




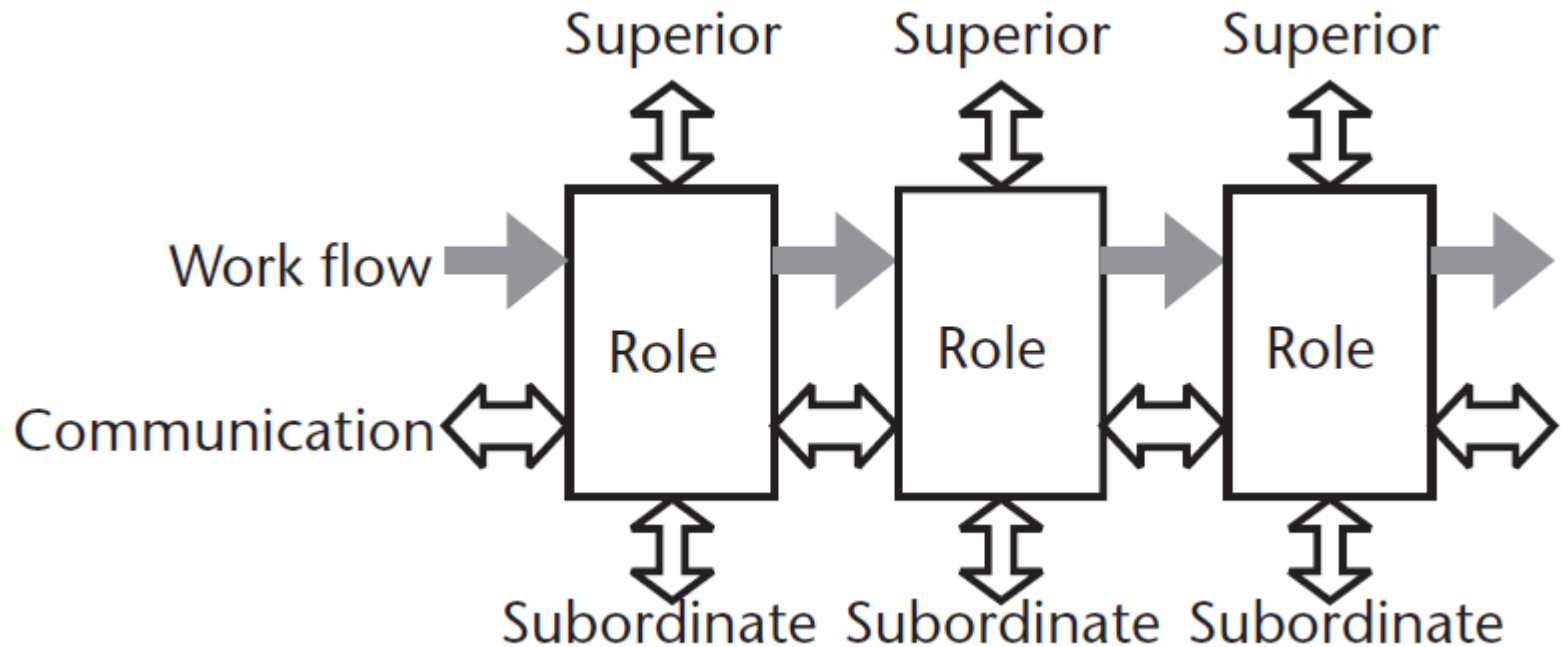
"Tahitians at rest" Paul Gauguin



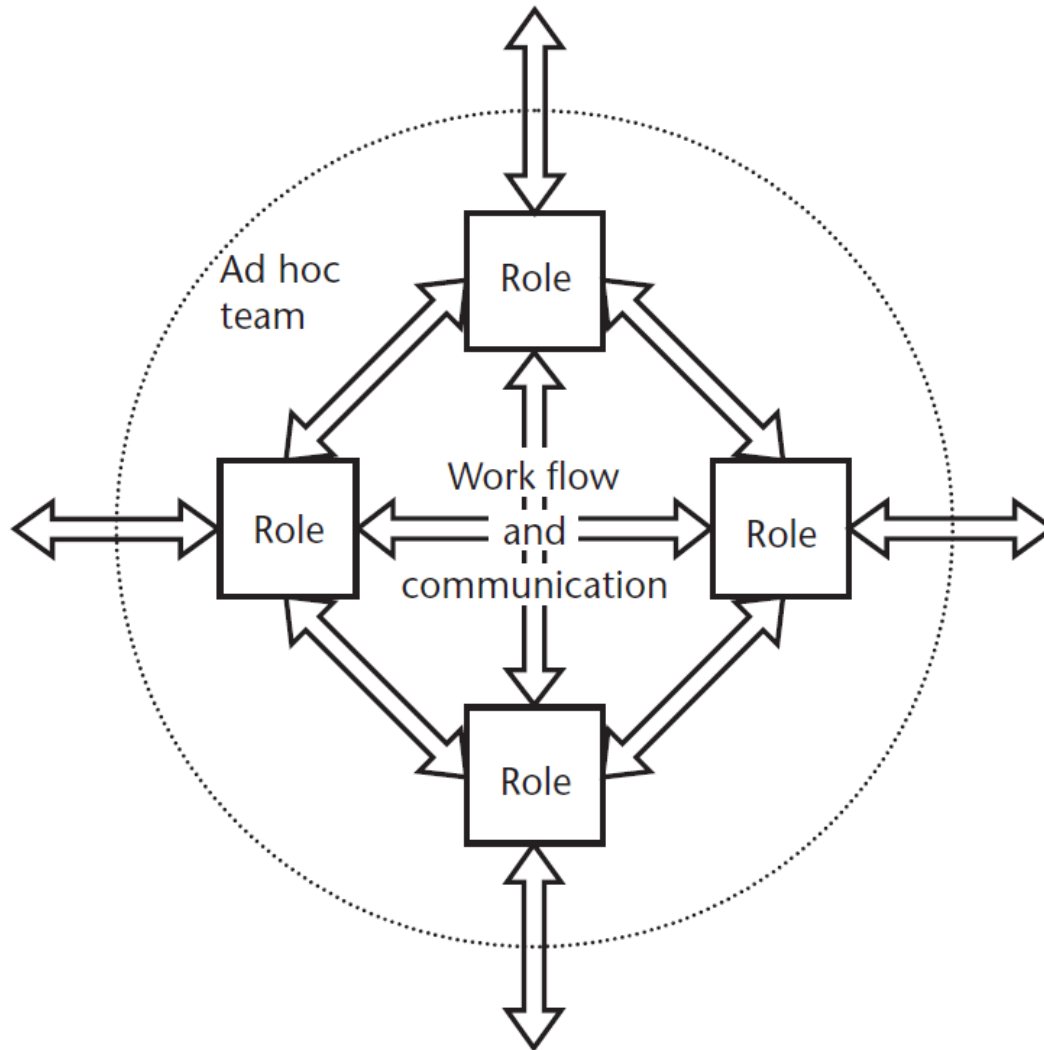
Communication

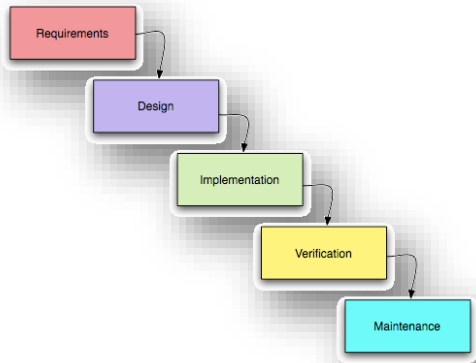


Hierarchical Organization

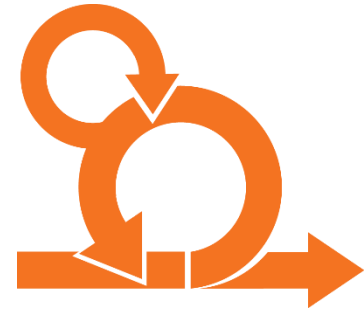


Cooperative Organization

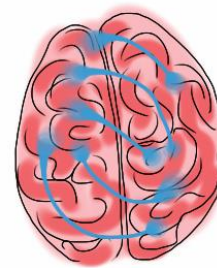
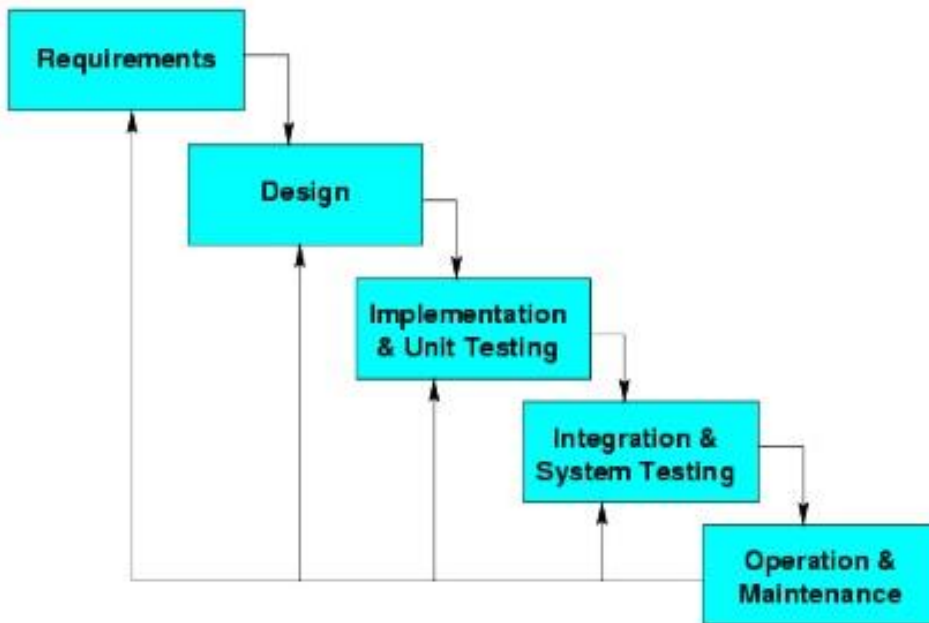




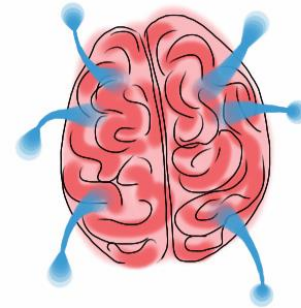
Learning



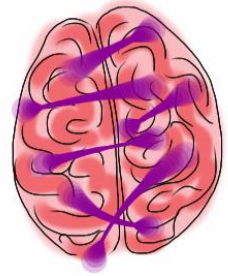
gell facilitated by @caorosa



Learn



Unlearn

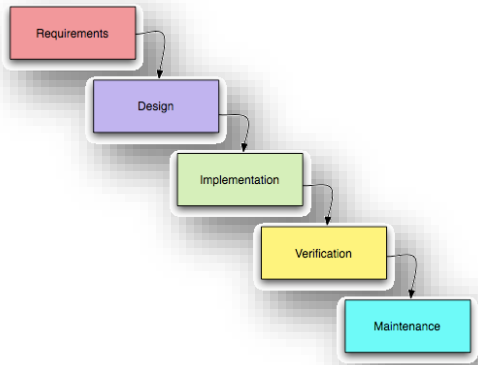


Relearn

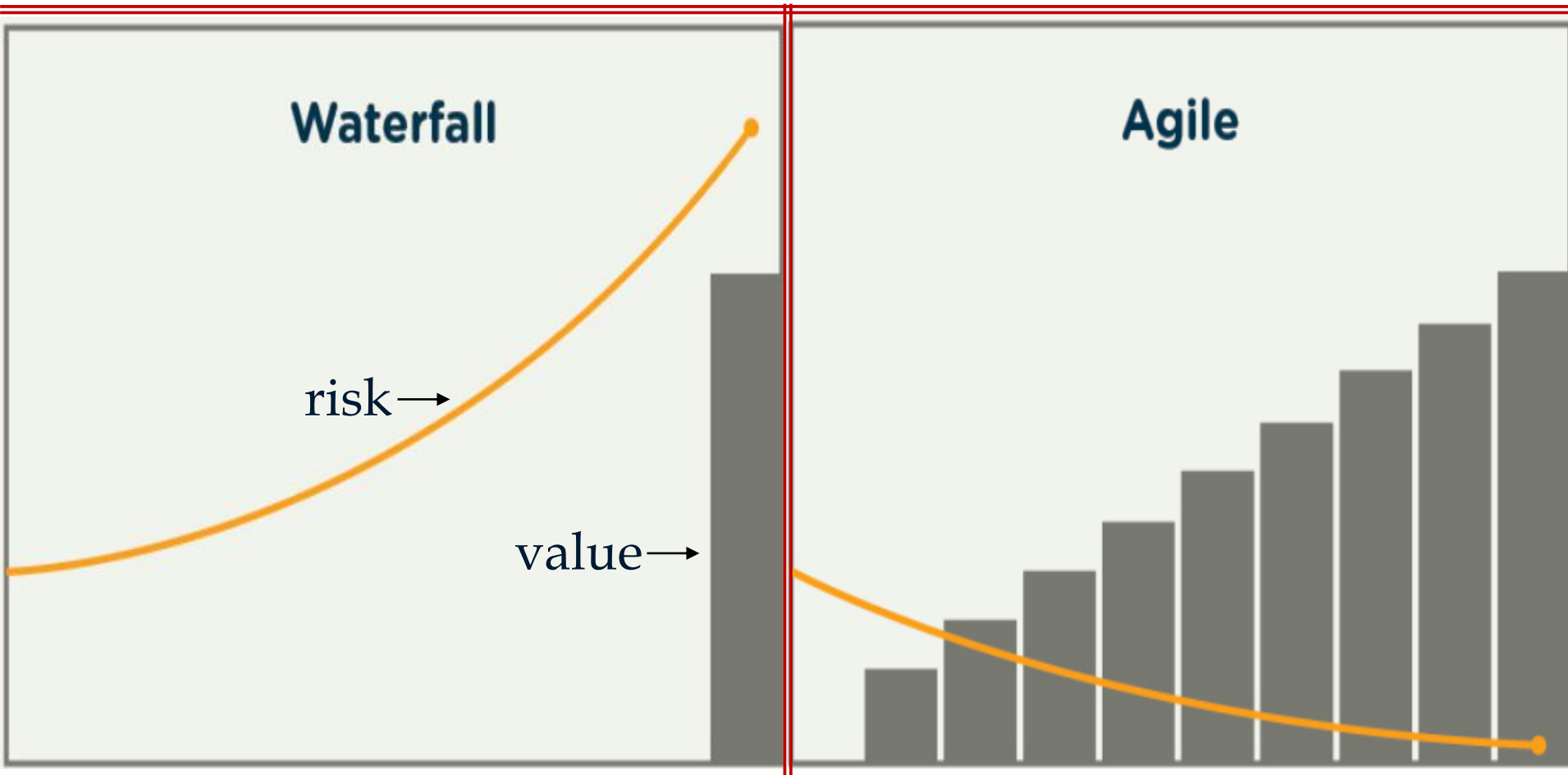
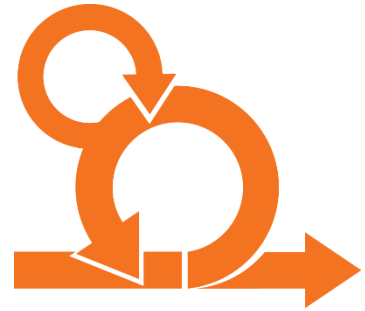
— Toffler
as cited in
"NOW YOU SEE IT"
by @CathyNDavidson

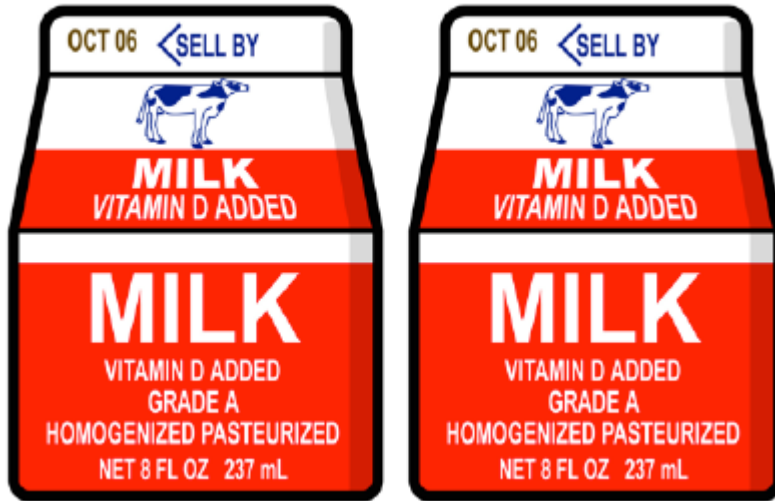


The Backwards Brain Bicycle



Value vs Risk

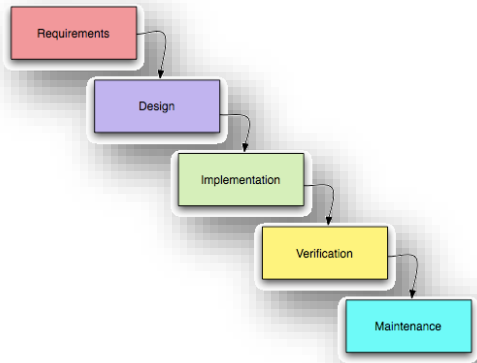




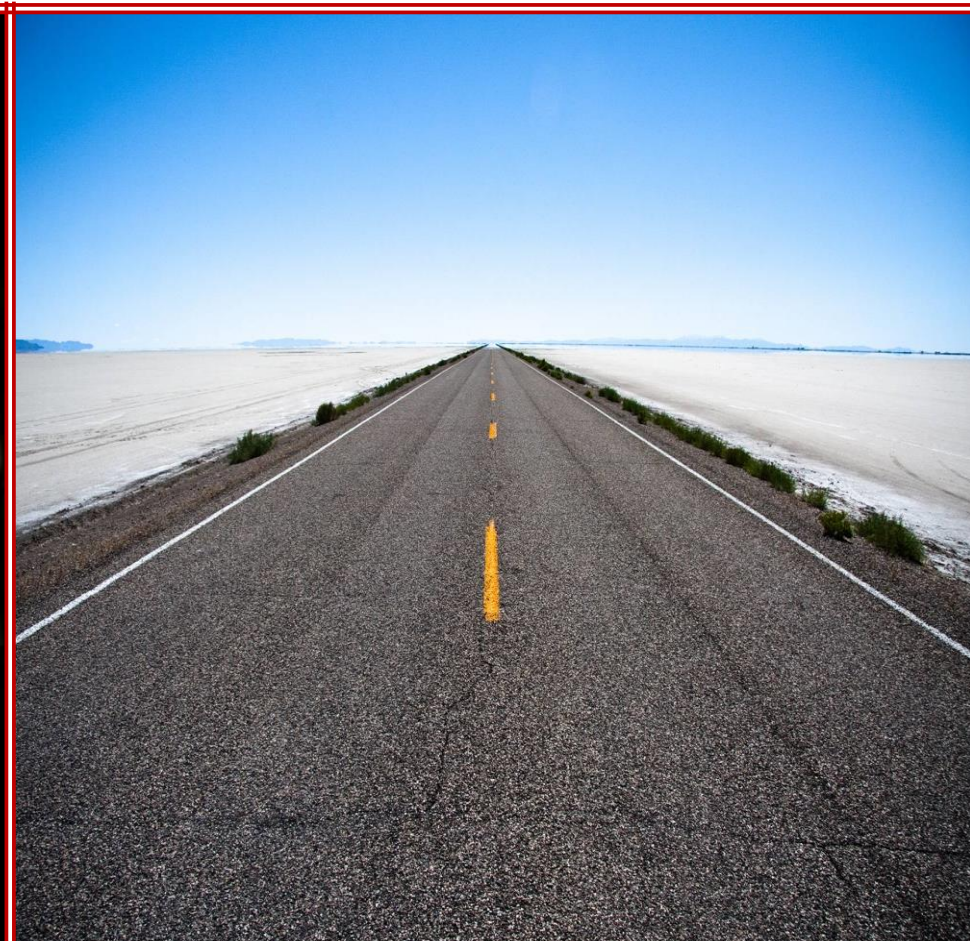
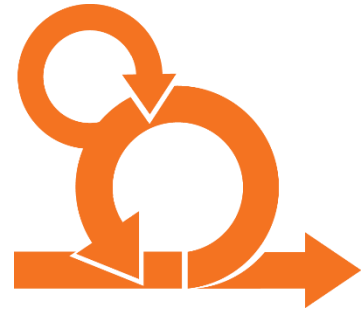
Software is cheapest in
lots of SMALL cartons



Milk is cheapest in
BIG cartons



Definition



Search Results for "Web Browser" Sort By: Relevance

Showing page 1 of 13.

Moodle
Moodle is a Course Management System (CMS), also known as a Learning Management System (LMS).
23,239 weekly downloads

Moodle is a Course Management System (CMS), also known as a Learning Management System (LMS). It is a Learning Environment (VLE). It is available at <https://moodle.org/>

Last Updated: 3 days ago

4.7
★★★★★

Download Now

WebTorrent
Webtorrent is a web based GUI written in JavaScript for Bit Torrent Library. It is designed for server applications.

Webtorrent is a web based GUI written in JavaScript. Installation of desktop bt clients are not required.

Last Updated: 2013-04-17

PerlLORD - A web-wrapper for the Perl interpreter
Web wrapper for the Perl interpreter. The program converts ANSI C to Perl and runs it through a Perl interpreter.

Web wrapper for the Perl interpreter. The program converts ANSI C to Perl and runs it through a Perl interpreter.

Last Updated: 2013-02-25

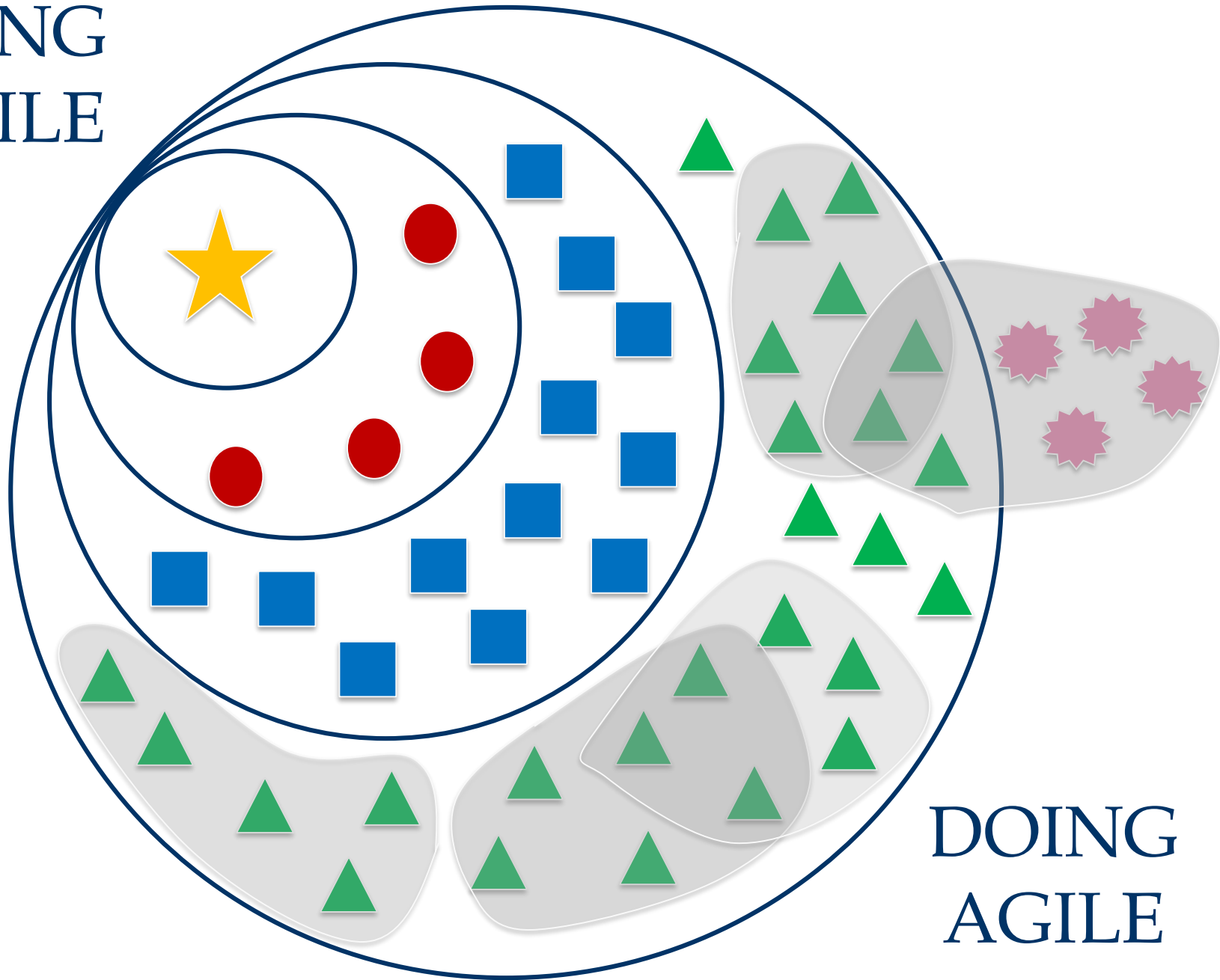
Moodle
Weekly downloads: 23,239
Last update: 3 days (16 Jan)

Web Torrent
Weekly downloads: 0
Last update: 17 April 2013 (9mths)

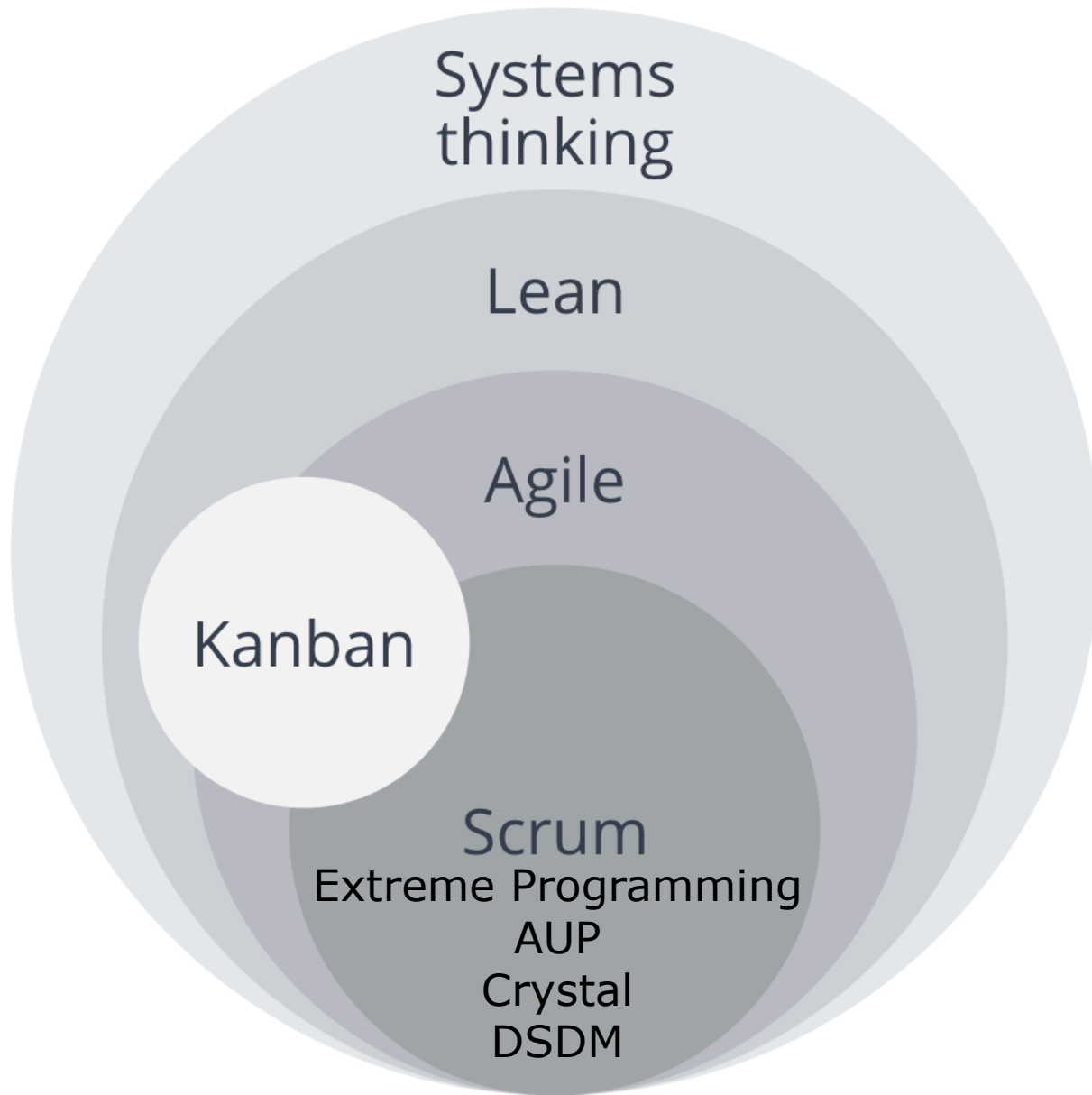
PerlLORD
Weekly downloads: 0
Last update: 25 May 2013 (8mths)

- 1.If they use it, it will change
- 2.Only dead software stops changing

BEING
AGILE



DOING
AGILE

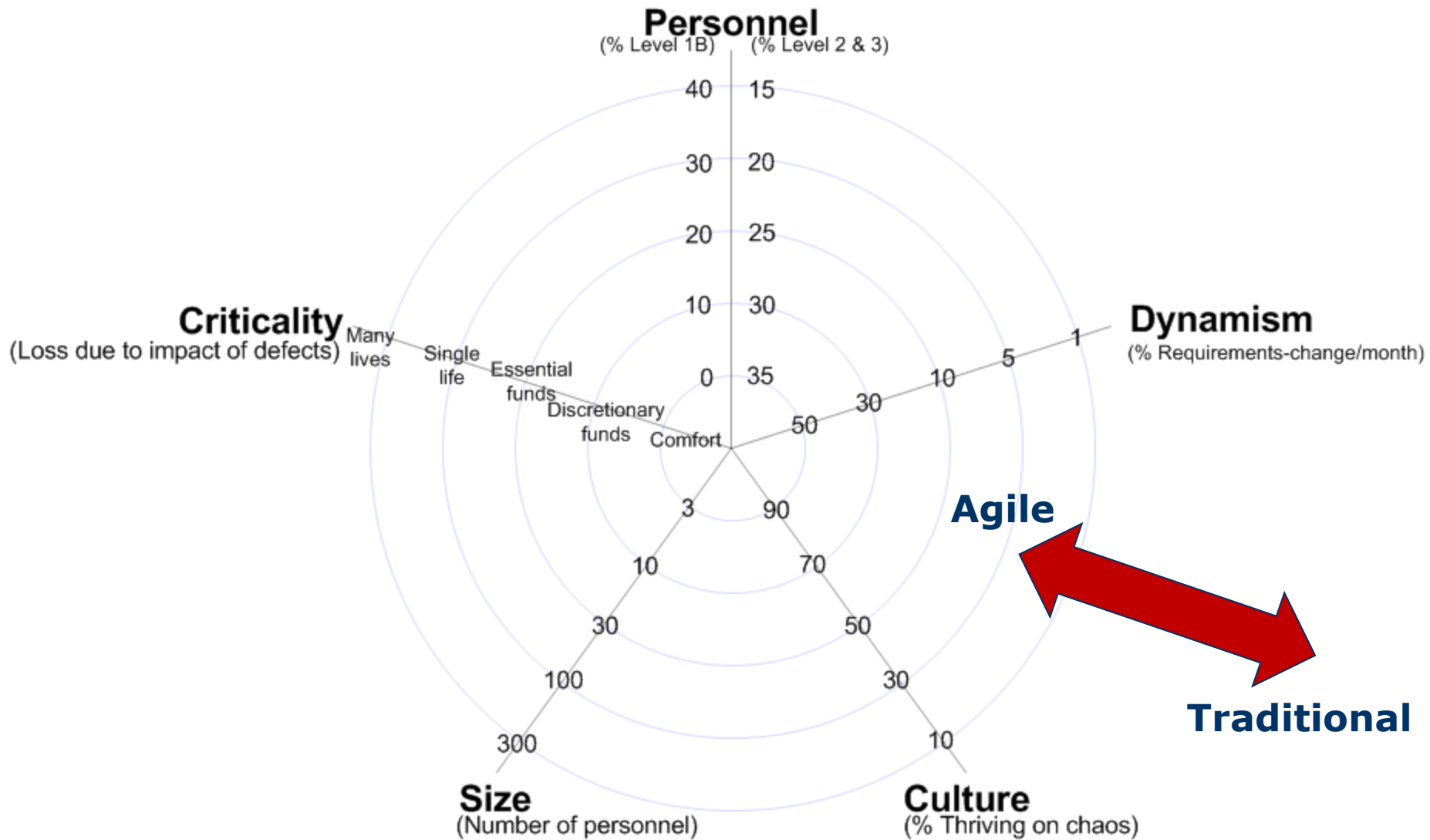


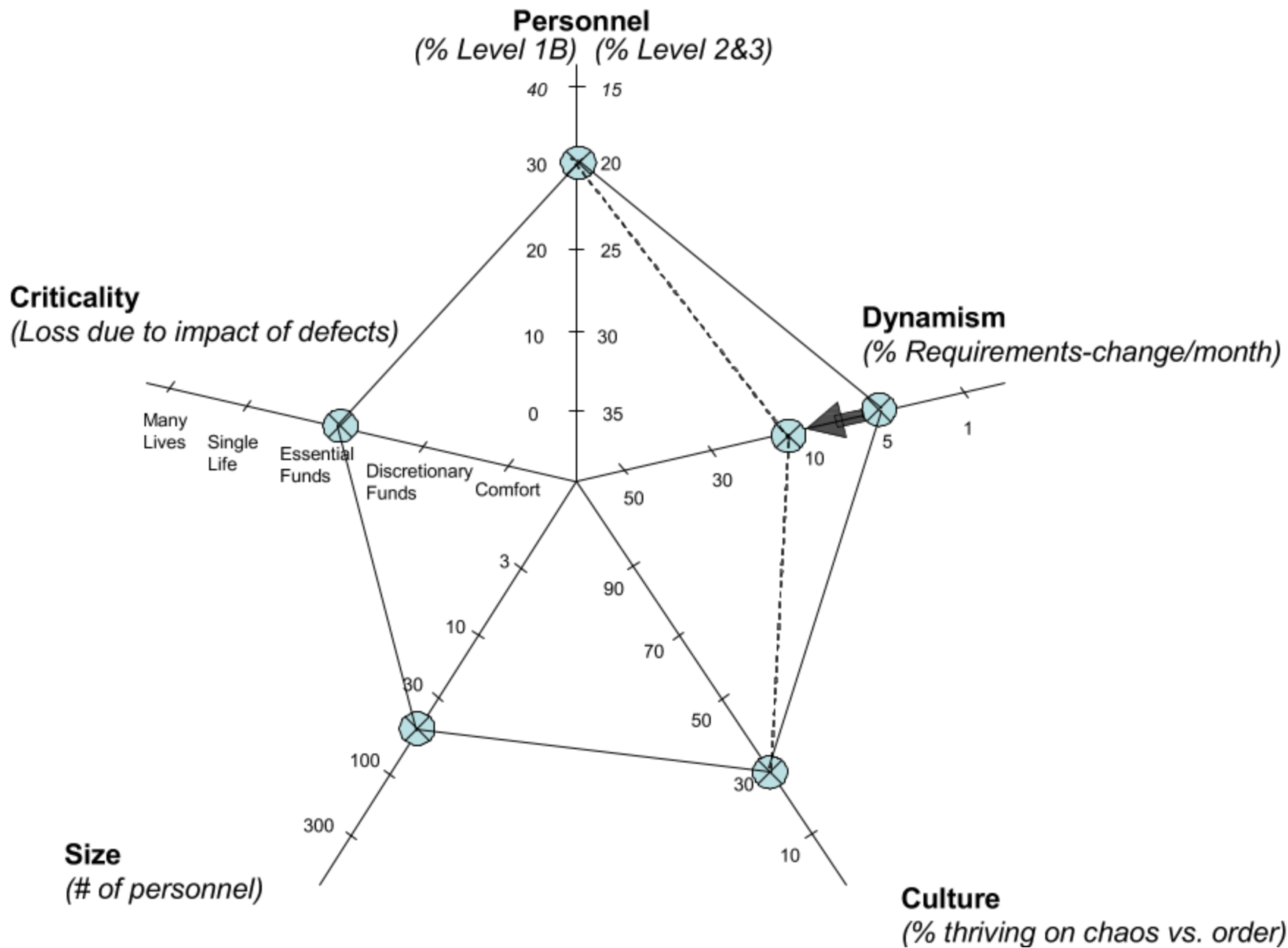
[illegible]

Levels of Software Method Understanding and Use

Level	Characteristics
3	Able to revise a method (break its rules) to fit an unprecedented new situation
2	Able to tailor a method to fit a precededented new situation
1A	With training, able to perform discretionary method steps (e.g., sizing stories to fit increments, composing patterns, compound refactoring, complex COTS integration). With experience can become Level 2.
1B	With training, able to perform procedural method steps (e.g. coding a simple method, simple refactoring, following coding standards and CM procedures, running tests). With experience can master some Level 1A skills.
-1	May have technical skills, but unable or unwilling to collaborate or follow shared methods.

Factor	Agility Considerations	Discipline Considerations
Size	Well-matched to small products and teams. Reliance on tacit knowledge limits scalability.	Methods evolved to handle large products and teams. Hard to tailor down to small projects.
Criticality	Untested on safety-critical products. Potential difficulties with simple design and lack of documentation.	Methods evolved to handle highly critical products. Hard to tailor down to low-criticality products.
Dynamism	Simple design and continuous refactoring are excellent for highly dynamic environments, but a source of potentially expensive rework for highly stable environments.	Detailed plans and Big Design Up Front excellent for highly stable environment, but a source of expensive rework for highly dynamic environments.
Personnel	Requires continuous presence of a critical mass of scarce Cockburn Level 2 or 3 experts. Risky to use non-agile Level 1B people.	Needs a critical mass of scarce Cockburn Level 2 and 3 experts during project definition, but can work with fewer later in the project—unless the environment is highly dynamic. Can usually accommodate some Level 1B people.
Culture	Thrives in a culture where people feel comfortable and empowered by having many degrees of freedom.	Thrives in a culture where people feel comfortable and empowered by having their roles defined by clear policies and procedures.





“We can never direct a living system, only disturb it and wait to see the response...”



Christopher Avery

We can't know all the forces shaping an organization we wish to change, so all we can do is provoke the system in some way be experimenting with a force we think might have some impact, then watch to see what happens.”