

Agile network course

Be Agile, my friend

“Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or European Education and Culture Executive Agency (EACEA). Neither the European Union nor the granting authority can be held responsible for them.”



What is agility?



Co-funded by the
European Union

Empty your mind.

Free yourself from forms.

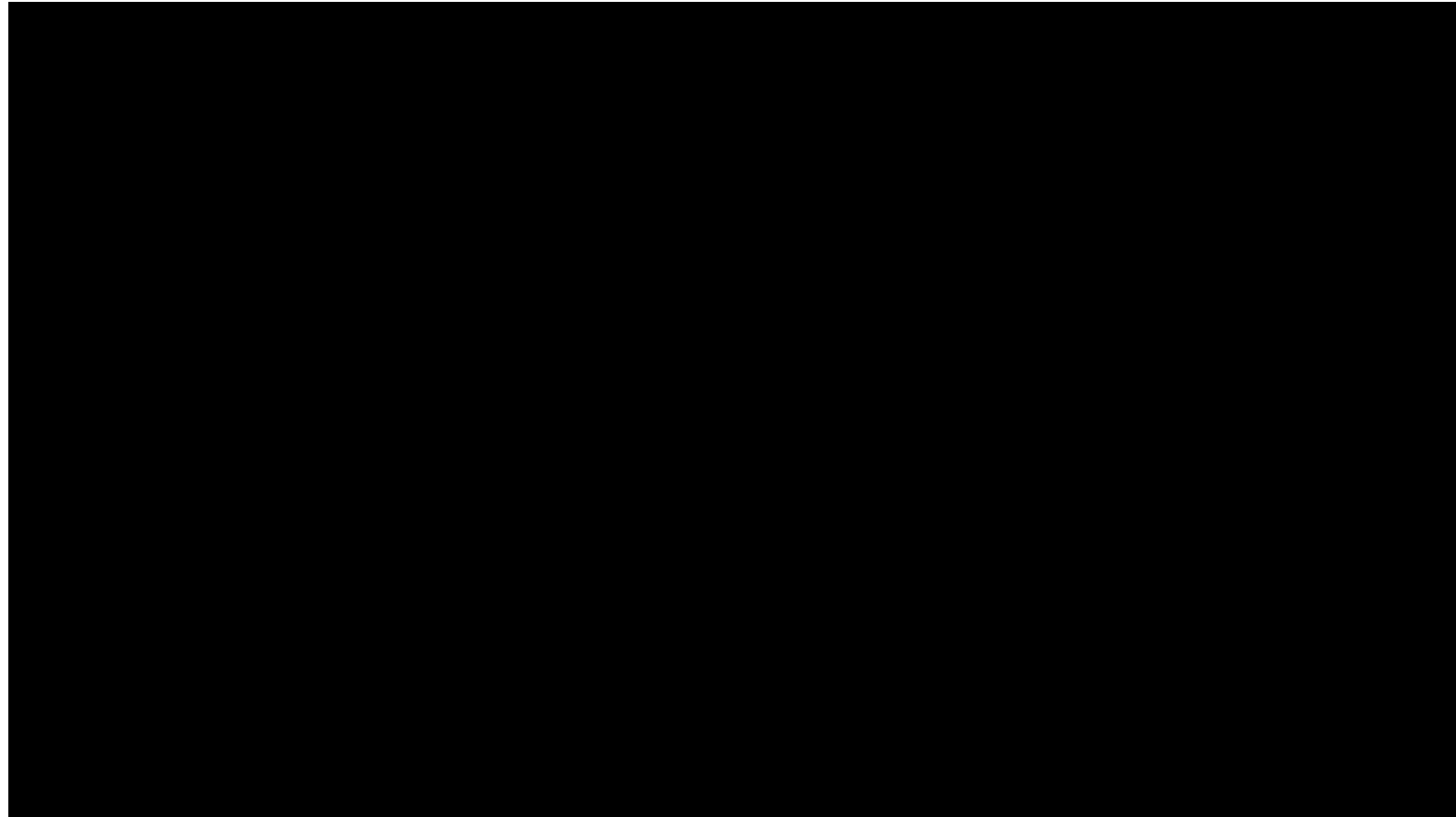
Like water.

Put water in a bottle and it
becomes the bottle.

Put it in a teapot and it
becomes the teapot.

Water can flow... or it can
bang.

Be water, friend.



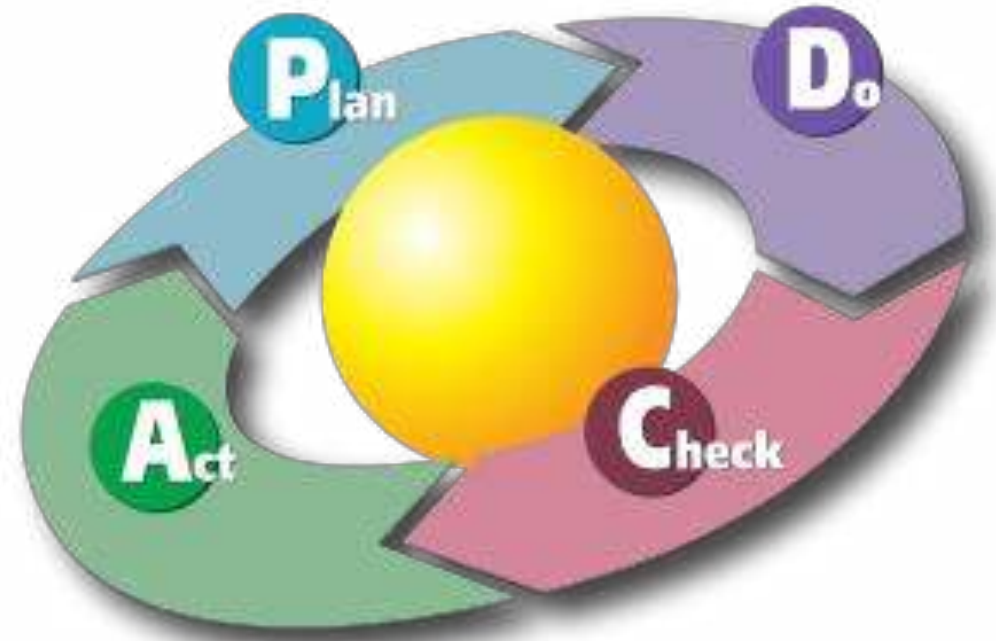
UNIVERSITAT
POLITÈCNICA
DE VALÈNCIA

LEAN: KAIZEN

- KAI: Change
- ZEN: Good

The goal: changes for the better

The method: a mechanism for **continuous improvement.**



<https://en.wikipedia.org/wiki/PDCA>

The difference between involved and committed



By Clark & Vizdos

© 2006 implementingscrum.com

Plan vs Minimum Viable Product



Advantages

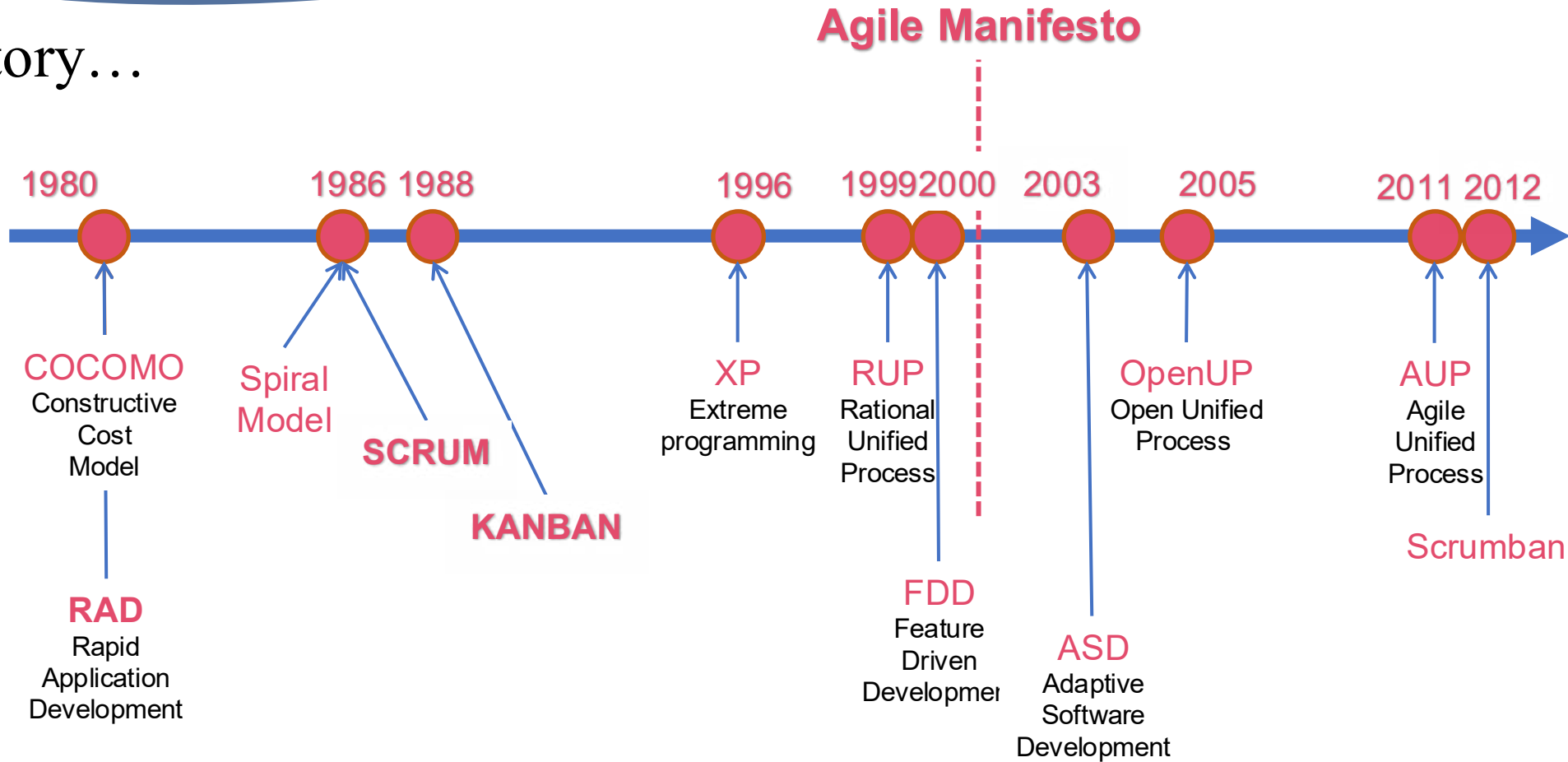


Disadvantages



What is agility?

The history...



- Basis of the manifesto

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

Through this work we have come to value:

Individuals and interactions over processes and tools

Working software over comprehensive documentation

Customer collaboration over contract negotiation

Responding to change over following a plan

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

<https://www.geeksforgeeks.org/agile-manifesto-for-software-development/>



Customer
Satisfactions



Changing
Requirements



Frequent
Delivery



Communicate
Regularly



Face-to-face
communication



Measure work
progress



Development
process



Good
Design



Measure
progress



Support team
member



Continue
Seeking Result



Reflect and
adjust regularly

- Twelve principles
- Are they applicable to all areas?
- Is it necessary to follow all twelve?

12 Principles of Agile Manifesto for Software Development:



The Manifest starts in the software development environment

01 Our highest priority is to satisfy the customer through early and continuous delivery of valuable software.

02 Welcome changing requirements, even late in development. Agile processes harness change for the customer's competitive advantage.

03 Deliver working software frequently, from a couple of weeks to a couple of months, with a preference to the shorter timescale.

04 Business people and developers must work together daily throughout the project.

05 Build projects around motivated individuals. Give them the environment and support they need, and trust them to get the job done.

06 Agile processes promote sustainable development. The sponsors, developers, and users should be able to maintain a constant pace indefinitely.

07 Working software is the primary measure of progress.

08 The most efficient and effective method of conveying information to and within a development team is face-to-face conversation.

09 Continuous attention to technical excellence and good design enhances agility.

10 Simplicity—the art of maximizing the amount of work not done—is essential.

11 The best architectures, requirements, and designs emerge from self-organizing teams.

12 At regular intervals, the team reflects on how to become more effective, then tunes and adjusts its behavior accordingly.

The manifesto
can be adapted to
any style,
company, action,
etc.



- Do you know any agile methods?
- Do you think agility can be applied to your entrepreneurial ecosystem?



Inspirations (AKA references)



Co-funded by the
European Union

Main Menu

- Home
- Agile Software News
- Agile Software Knowledge
- Agile Wiki
- Agile RSS Feed

Agile Software Development

Methods & Tools

- Scrum Expert
- Agile Tutorials and Videos
- Agile Tools
- TestDriven.com
- Open Source Scrum Tools
- Continuous Integration Tools
- Continuous Integration
- Tutorials
- Agile Conferences
- Agile Blogs
- Scrum Articles
- Waterfall Alternatives

Agile Software Development

The agile software development portal provides resources about agile software development approaches like Extreme Programming (XP), Scrum, Test Driven Development (TDD), Feature Driven Development (FDD), Behavior Driven Development (BDD), DevOps, Lean Software, Kanban. It discusses also agile practices: refactoring, pair programming, continuous integration, user stories, iterative development, product owner, sprint, product backlog, daily standup meeting, retrospectives, continuous delivery.

Agile Software Development Articles

- [2014/10/26] Fighting Prejudices against Agile
Adopting new software development approaches like Agile and Scrum is always a challenge. There is a natural tendency for part of an organization to resist changing and some prejudices exist against agile, mostly due to a lack of knowledge.
- [2013/2/12] Free Scrum Tools
A lot of the open source projects for Scrum tools have been abandoned recently. In a recent article, the ScrumProject web site has published an article listing the commercial scrum tools that you can use for free, either after downloading them or on a hosted basis.
- [2013/12/11] Transitioning to agile and scrum
In a recent article on ScrumProject.com, Nancy Jones, VP Global Product Strategy at ESI international, discusses "How Organizations Transition to agile and scrum". She gives her viewpoint on agile and scrum adoption in large corporation, both on the "soft" (culture) and "hard" (best practices) side of agile. She also:
- [2013/6/5] Agile analysis
The goal of this book is to provide an adaptation of the agile development approach to the specific characteristics of Datawarehouse (DW) and Business Intelligence (BI) systems development. The book is divided into two parts. The first focuses on agile project management techniques and delivery team contribution. The second part focuses on the...
- [2011/11/3] Lean integration
The book is divided in three parts. The first part provides an overview of Lean integration. The second part introduces the seven Lean integration principles and the last part discusses lean integration competency areas.

<http://www.devagile.com/>



<http://www.agilealliance.org/>



<http://www.extremeprogramming.org/>



<http://www.scrumalliance.org/>



UNIVERSITAT
POLITÈCNICA
DE VALÈNCIA