

Agile in a Nutshell

with a spice of Lean

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 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.
2001 - Agile Manifesto

Why Agile

What we don't know we don't know

What we know we don't know

What we know in the beginning

Waterfall - or "Faith Driven Development"

Agile - or "Incremental Development"

crisp

mia.kolmodin@crisp.se

Free download: blog.crisp.se

Ways of Working

Waterfall Approach

Business Analysis, Architecture, Interaction Design, Graphic Design, Development

Experts doing all their work, then handing over, never looking back. When problems arise it is too late to rethink.

Agile Approach

Fail Fast 2 Succeed Sooner

Learn, Measure, Build

T-shaped people

50% of knowledge gets lost in handoffs

X-functional Team effectively solving problems together.

Teamwork to find Value

Usable, Sellable, Feasible, Valuable

Modern Agile

Make People Awesome, Experiment & Learn Rapidly, Deliver Value Continuously, Make Safety a Prerequisite

Incremental Delivery

	1	2	3
GUI			
Client			
Server			
DB schema			

Product Backlog

PO owns the PB.

The Scrum Team

The awesome X-functional Team, Co-located, with mandate to make decisions on business- & user value and tech solutions. They have the competences needed to build and ship it.

Product Owner, UX, Tester, Backend Dev, Frontend Dev, Content Social Media

Sprint Backlog

Prio	To do	Doing	Done

User Story, Task, DoD

Sprints

Agile Heartbeat - Cadence

Week 1, Week 2

- Daily Standups 15 min
- Backlog Refinement to find Value
- Sprint Planning
- Sprint Goal
- Demo
- Retrospective

Working Agreement

Discovery, Delivery

To Be Agile

Less visible - more powerful

More visible - less powerful

Mindset, Values, Principles, Practices, Tools and Processes

Move towards learning organisation

Requires structural and cultural change

Can be adopted in command and control

Cynefin

Complex, Complicated, Chaos, Obvious

Probe, Sense, Respond, Emergent, Sense, Analyze, Respond, Good Practices, Act, Sense, Respond, Novel, Sense, Categorise, Respond, Best Practises

DISORDER

Iterative Design over Big up front Design

Experimentation over Elaborate Planning

Customer Feedback over Intuition

Collaborative work over one Hero

Agile Union by AWA, Simon Powers

Cynefin by Dave Snowden

Modern Agile by Joshua Kerievsky