

Note: This is the draft of what I will put on A3 sheets. I publish these to give easy access to the links.

A whole new world

A quick overview of "Agile"

Why am I here?

<http://www.finding-marbles.com/>
@findingmarbles on Twitter

What will I ~~cover~~ graze?

- Lean
- Agile
- Kanban
- Scrum
- Software Craftsmanship
- Lean Startup

What problems does agile try to solve?

Software projects that are

- Over time
- Over budget
- Poor quality

- Changes are expensive
- Not what the client needs

Lean [Management | Production | Thinking]

1. Eliminate Waste
2. Waste = Everything that doesn't add value
3. Balance Flow
4. Don't Overload

Ultimate Goal: Throughput

Agile Software Development

1. Individuals & Interactions > Processes & Tools
2. Working Software > Extensive Documentation
3. Customer Collaboration > Contract Negotiation
4. Embracing Change > Following a Plan

12 Principles behind it:

<http://agilemanifesto.org/principles.html>

Ultimate Goal: Add value

Kanban

Adapted for Software Development by David Anderson

1. Visualize the workflow
2. Limit WIP
3. Manage Flow
4. Make Process Policies Explicit
5. Improve Collaboratively (using models & the scientific method)

<http://www.crisp.se/kanban>

Scrum

1. Visibility

- Fixed Iterations
- Fixed Rituals
 - Planning
 - Daily Standups
 - Review
 - Retrospectives
- 3 Roles

2. Inspect & Adapt

Very prescriptive

http://www.scrumalliance.org/learn_about_scrum

Shared Elements

- Respect for people
- Direct Communication
- Learning
- Push -> Pull
- Short feedback loops

Software Craftsmanship

1. Clean code
2. Deliberate practise
3. Livelong learning
4. Teaching the next generation

"Definition" by Markus Gärtner (@mgaertne)

<http://www.mgaertne.de/2011/11/was-ist-software-craftsmanship/>

Lean Startup

Lean Thinking applied to the entrepreneurial process

The blog post by Eric Ries that started it all:

<http://www.startuplessonslearned.com/2008/09/lean-startup.html>

Suggested Reading

- "The Goal" by Goldratt; on Systems Thinking
<http://www.amazon.de/Goal-Process-Ongoing-Improvement/dp/0884271781/>
- **"Kanban vs Scrum – How to make the most of both"** by Henrik Kniberg

Questions?

Links: <http://finding-marbles.com/talks>