



From ... to Scrum

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About me



- Currently: **Java dev** at comSysto GmbH
- **8+** years of experience
- Worked in 3 companies before - Java dev, tester, CI/CD guy, educator, all rounder...
- A lot of projects (backend, frontend, CI, education)
- Holding several certificates (Java, Spring, Scrum Master)
- Areas of interest: Java, CI/CD, lean & agile

Agenda

- What about Scrum thing and ... ?
- Benefits of Scrum I've found
- Organization
- Technical part (writing code, code reviews, version control, CI/CD)
- Social part (team/people, mindset)
- Conclusion

What about Scrum thing and ...?

- 3 companies before comSysto GmbH
- way of working so far - ...
 - the same?
 - always same mistakes
 - I couldn't believe some of those
 - people not so keen to improve constantly
 - "I am super developer, my code is the best"
 - management without long term vision
- found very agile environment - Scrum

The current project setup



HIBERNATE



ANSIBLE



Benefits of Scrum I've found (1)

- Sprint
 - 2-3 weeks long
 - small chunks of work
 - outcome and delivery at the end of every sprint
 - feedback
- Scrum team = Dev Team + SM + PO
- Dev team
 - trust
 - self-organization
 - pulling work, not pushed to us

Benefits of Scrum I've found (2)



Image source:
meetings/

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Benefits of Scrum I've found (2)

- Meetings
 - always participated in “pointless never end” meetings
 - first impression: “way to many meetings”
 - distraction for dev activities
 - but not written law - skip sometimes
 - every meeting has its purpose
 - Scrum non-standard meetings

Daily standups

- the same time every day - reference point
- 15 min max (or reduce it to it)
- transparency
 - good way of see who is/will doing what
- impediments visible
- get the info

Daily Scrum: Focus on story priority

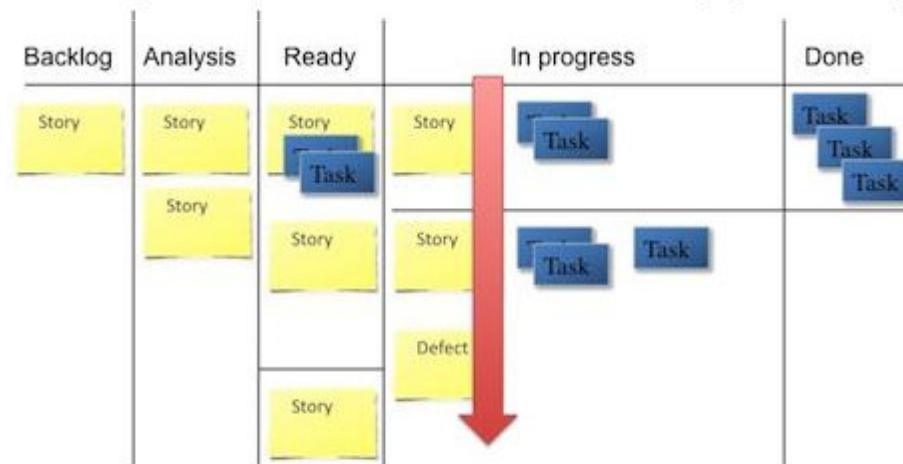


Image source: agile42.com

Backlog refinement

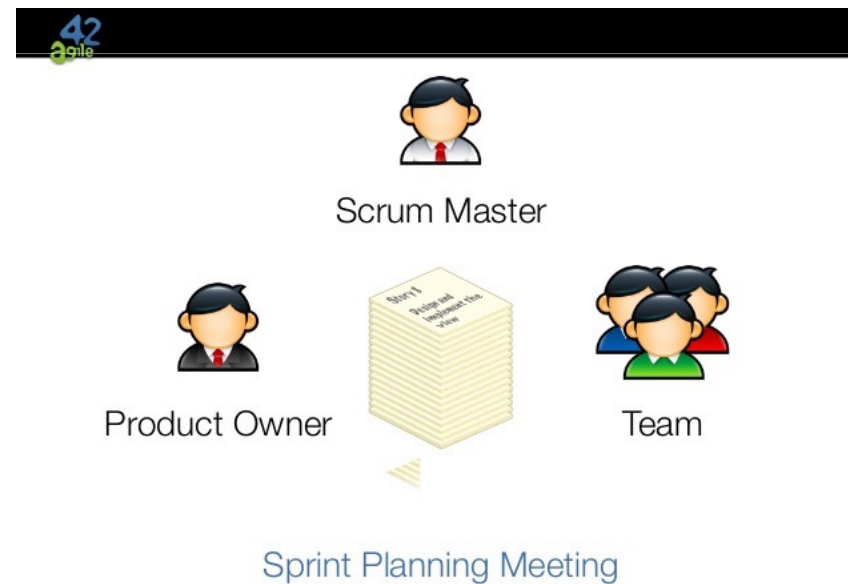
- at the beginning: “it is time to code”
- upcoming work from backlog
 - problems later if not participating
 - Planning poker
- 4-6 times per sprint
- 90 minutes
- discussion
 - discuss stories with right people
 - ask questions, get answer



Image source: agile42.com

Sprint planning

- taking stories from the Backlog
- Dev team + SM + PO
- agree on commitment
- plan activities
- analyzing risk



Sprint review

- Present the outcome of work to PO
- Get instant feedback
 - communication during the Sprint
 - at the review meeting
 - no waiting for 4-6 months for feedback

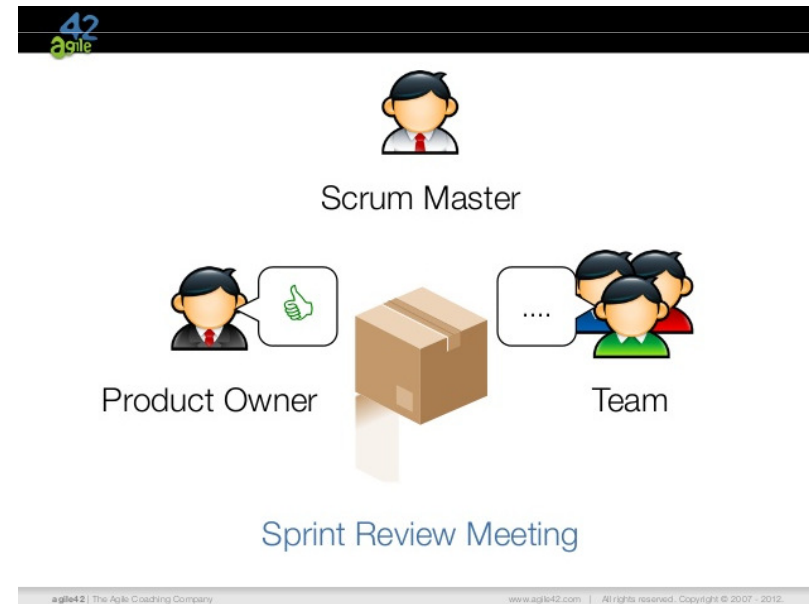


Image source:

Sprint retrospective

- What went well?
- What was not well?
- How can we improve?
- Measures to improve
 - no doing the same mistake on and on
- Improvement groomings

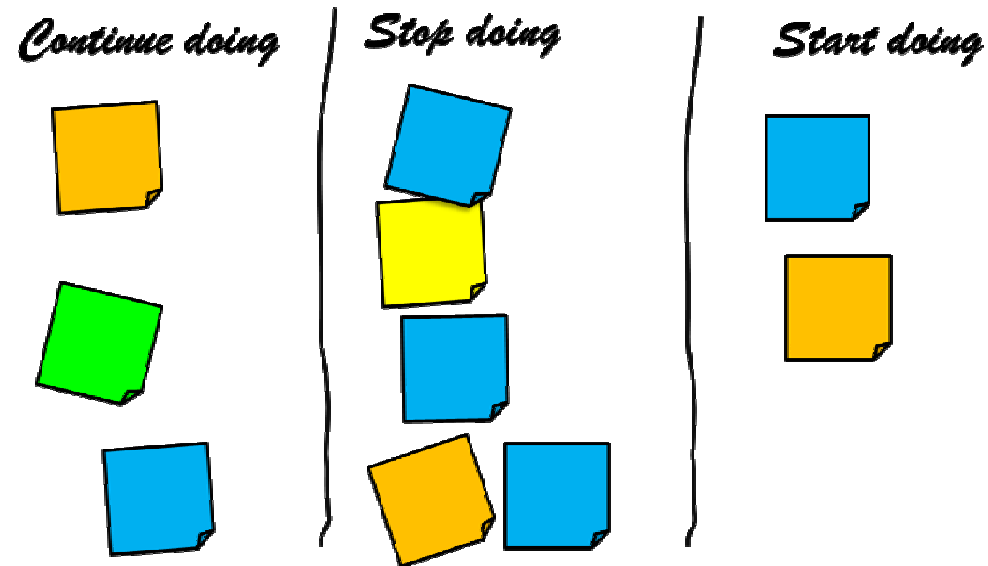


Image source: <http://mattagile.com>

Not so Scrum related...

Organization

- Team setup
 - distributed in 4 locations
- Collaboration
 - Jira + Confluence
 - Previous experience:
 - “Don’t bother us with Jira”
 - funny SVN hook hack
 - Handling tasks, issues, stories, agreements, documentation
 - *Delivering working software* (one of Agile values)
- Meetings

Technical part

- Writing code with tests (integration, unit...)
 - no build with skipping tests
- Code reviews
 - get and provide knowledge (not only formality)
 - no need to convince people in benefits
- Version control
 - Git - branching a lot (Bitbucket)
 - no need to go into SVN vs Git discussion
- CI/CD
 - no need to convince people in benefits
 - Ansible
 - Bamboo + Bitbucket (DEV, TEST, SIT, REF)
 - Jenkins (PROD)

Social part

- Team (1 SM, 2 POs, 7 DEV, 3 QA)
- people (junior-senior)
- mindset
 - Previous:
 - previously spent time in convincing people
 - Now:
 - different now, no need to convince
 - open for changes and improvements
 - **CI, CD, Tests, code review are must**

Conclusion

- Change your mindset
- Collaborate and be transparent...
- Improve
- Tests are “must have”
- Clean code
- CI/CD is “must have”

Change & Improve



Transparency



Image

Collaboration



Image

Tests are must have



Image source: <http://dr>

Clean code is must have

```
<!DOCTYPE html>
<html id="home-layout">
  <head>
    <meta charset="utf-8" content-type="text/html" />
    <title>Code Pro</title>
    <script src="js/th <3 and AFDKO -->" />
    <meta name="keywords" content="san
    mon, open
    <link href="styleshe
  </head>
  <body>
    <div id="main">
```




Image sour

Clean code is must have



Image source: <http://gaurav.in/>

Q & A

Cross-funktionale, outcome-orientierte Produktteams



Lean Java Expert



Lean Java Expert



Lean Java Expert



Product Owner



Lean UX Expert



DevOps Engineer



Data Engineer



LEAN & AGILE DEVELOPMENT



PRODUCT CONCEPTION & UX EXPERTISE



CONTINUOUS SOFTWARE DELIVERY & CLOUD SERVICES



BIG DATA & POLYGLOT PERSISTENCE