

Still, it is worth it

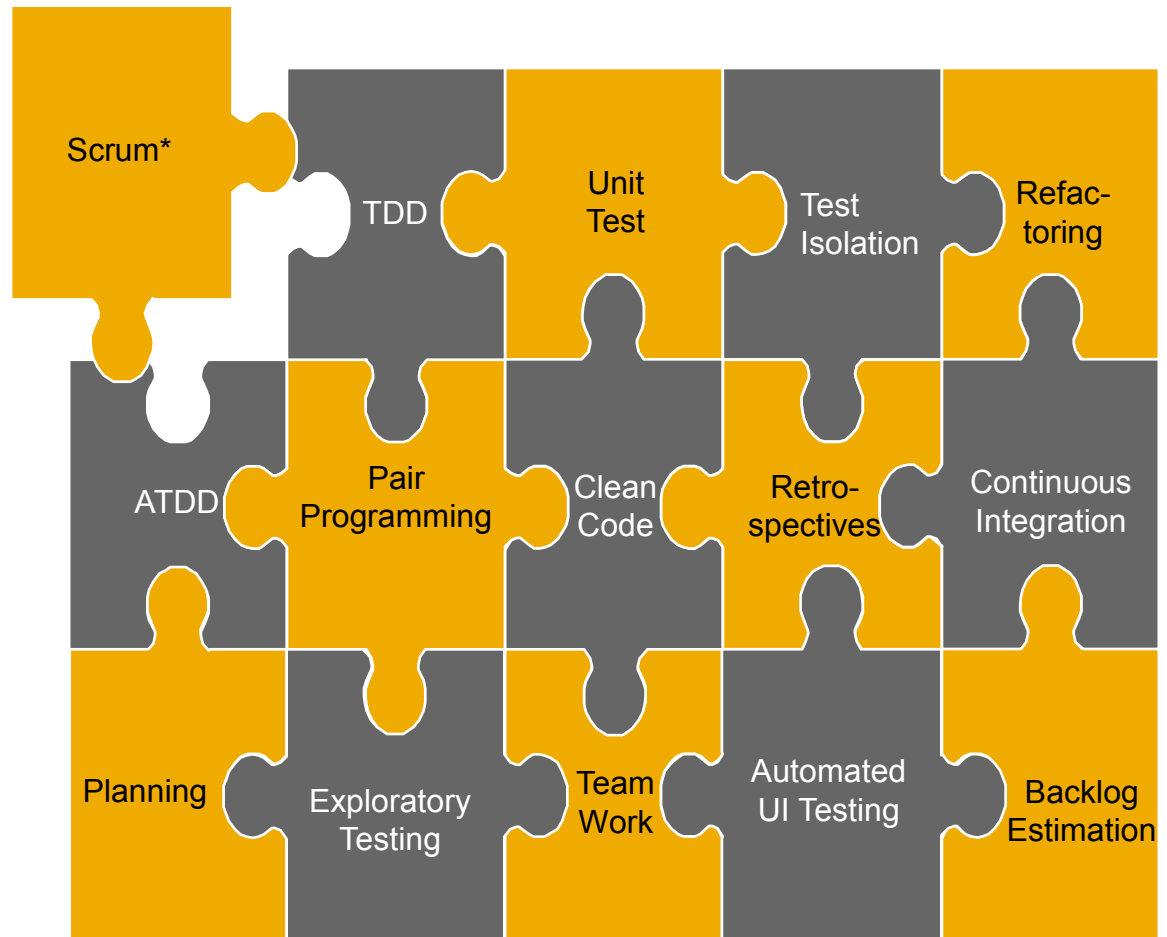
Simona Dumitru (SAP AG), Fahd Al Fatish (andrena objects ag), Ralf Pannemans (SAP AG)
May 10, 2012



What is Agile Software Engineering?

Agile Software Engineering

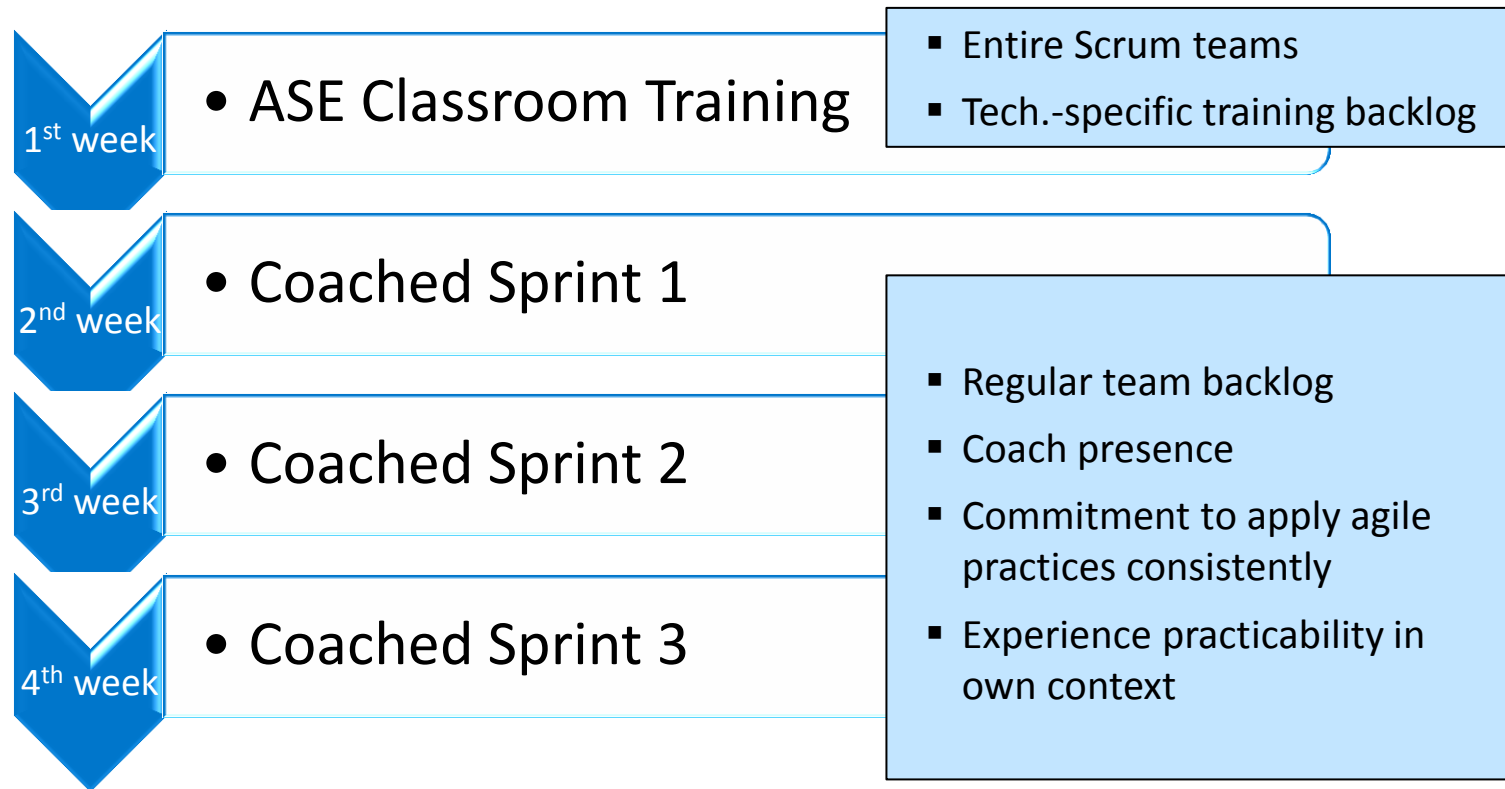
- comprises the values, principles and technical practices
- that a developer needs to know
- to work successfully in a lean and agile context.



* Scrum or any other agile / iterative process

ASE Education

We offer an **ASE education** consisting of one class-room training week and three on-the-jobsite coaching weeks.



Inspect 3 Months later!

Status 2011

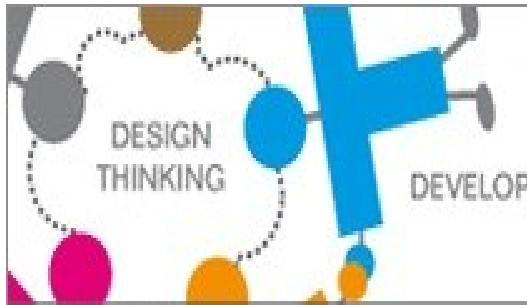
&

2012

-
- **1500 developers trained in ASE**
 - **available technology stacks:
ABAP, Java Web, Java Eclipse**
 - **ASE enabling of big SAP Labs:
Walldorf, Bangalore, Sofia,
Ra'anana, Montreal**
 - **ASE: basic education + community
+ advanced education offerings**
 - **Internal studies of ASE impact**
 - **target 2000 additional developers**
 - **add C/C++, C#, Javascript**
 - **ASE location enabling:
Palo Alto, Vancouver, Shanghai, Paris**
 - **focus on sustainability:
follow-up support for trained teams**
 - **Research publication on ASE impact**

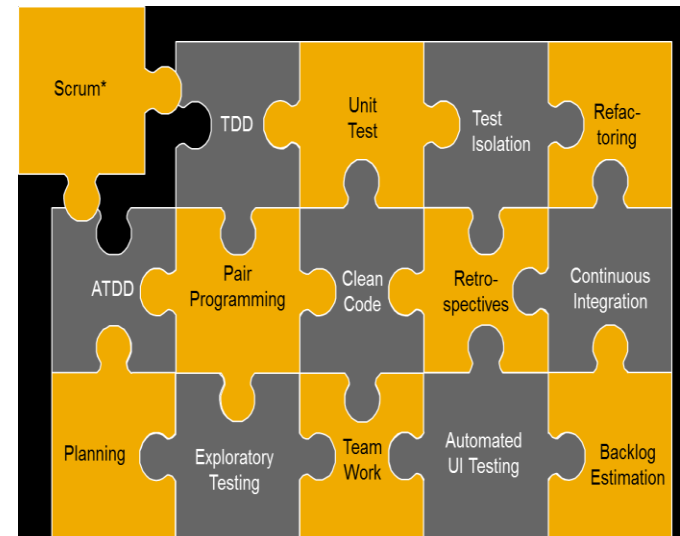
Two dimensions of success

Do the Right Thing



Design Thinking

Do It Right



Agile Software Engineering

About Us

- ✓ Product: **SAP Web Channel Experience Management**
- ✓ Web Application to do **Sales, Service and Marketing over Internet**
- ✓ 9-8 Team of Ten doing Scrum since 2009 (stable and cross functional).
- ✓ Application mostly written in Java



2009 - Introduction of Lean / Scrum

- ✓ Self Empowerment
- ✓ „Quality > Scope“ Mindset
- ✓ Continuous Improvement Process



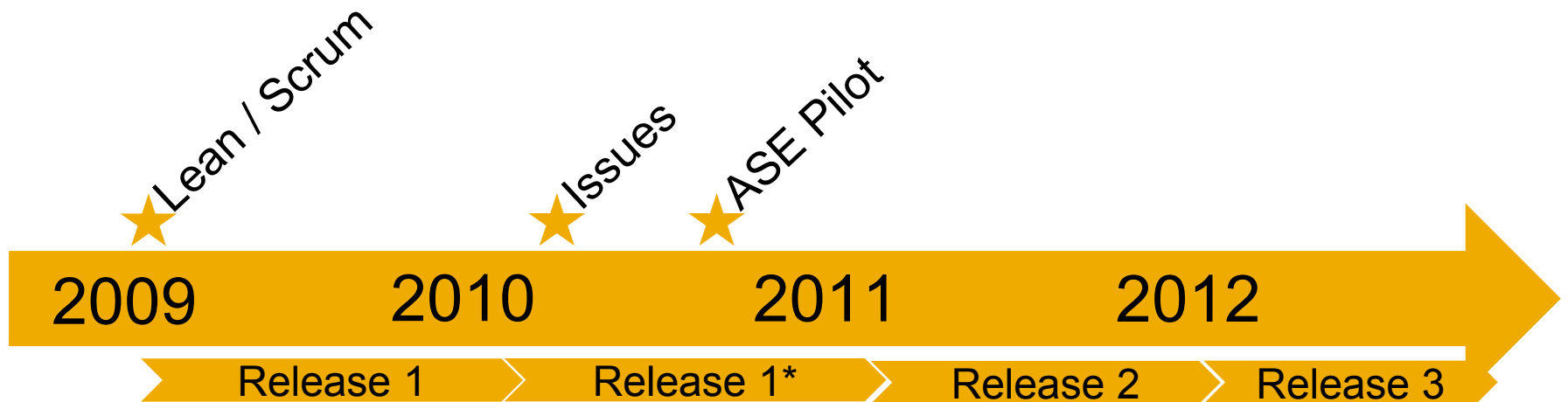
2010 – Scrum is not enough

- Usable Software
- Test Automation
- Stable Test System



2010 – First ASE Pilot

- ✓ Entire Team
- ✓ 1 Week Training
- ✓ 3 Weeks Coaching

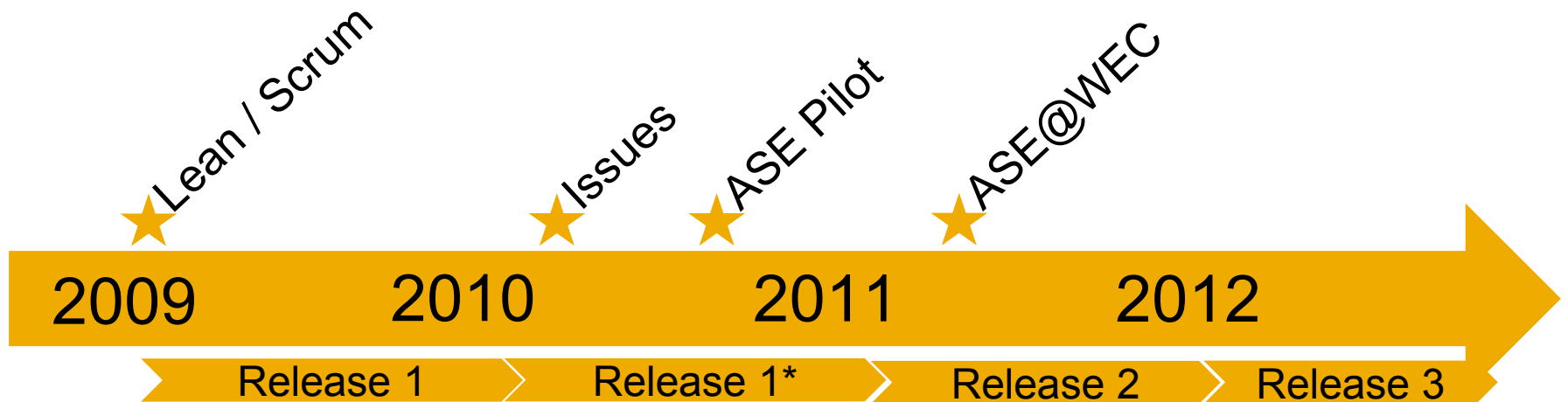


2011 – Rollout ASE Training

Focus on: ✓ Continuous Integration

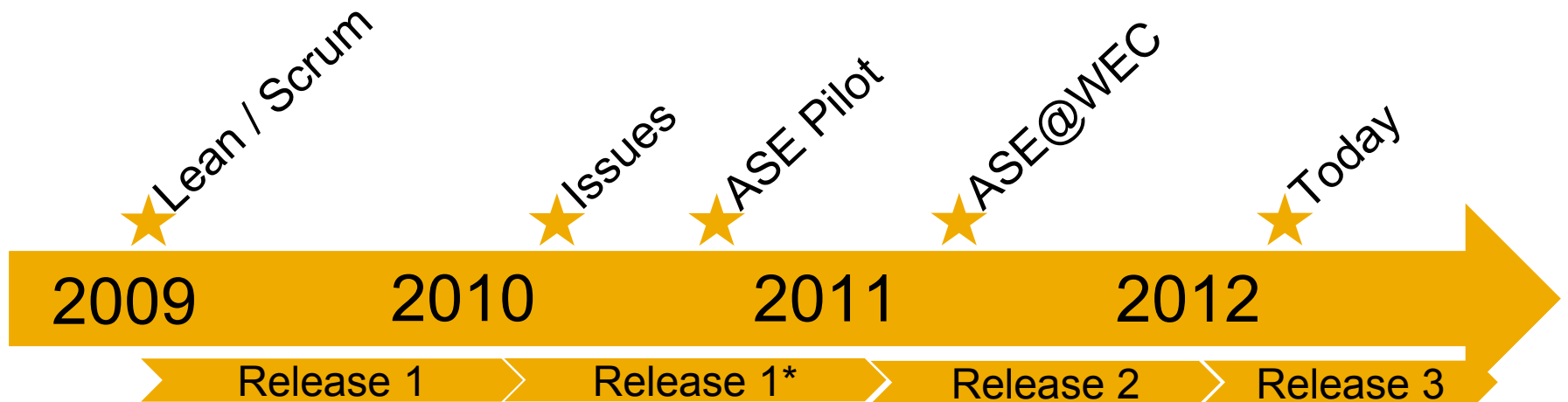
✓ TDD

✓ Pair Programming



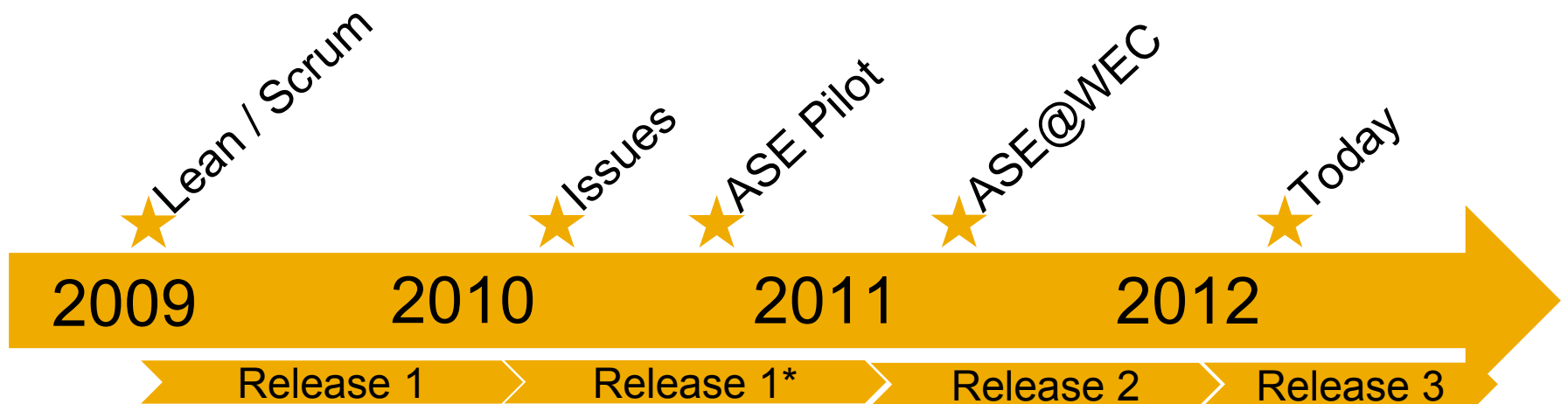
2012 – Today (Manager View)

- ✓ Usable Software
- ✓ Customer Feedback
- ✓ Reliability



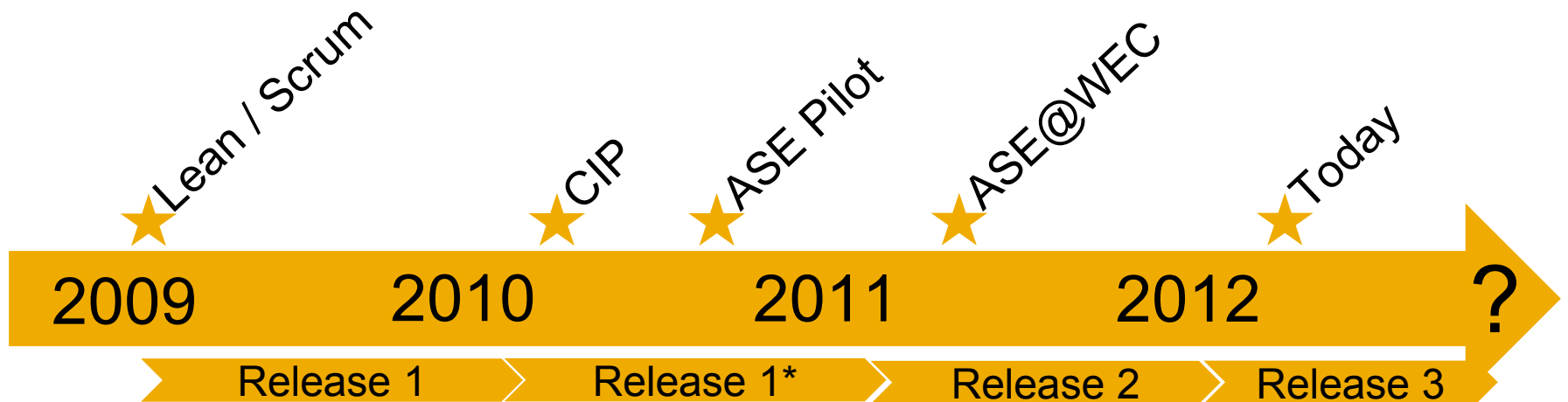
2012 – Today (Developer View)

- ✓ Automated Integration Tests
- ✓ More Stable Code-Line
- ✓ Team Building



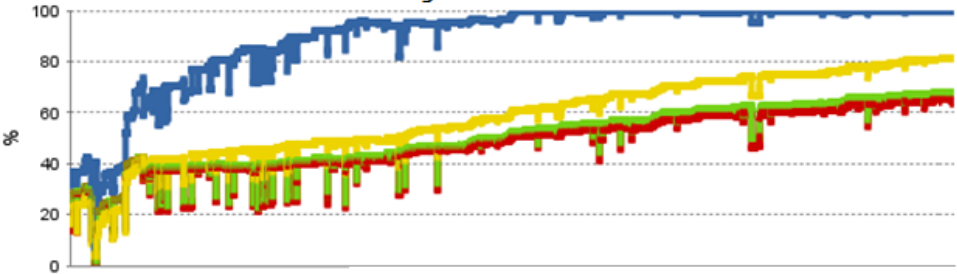
What is next?

➤ Agile Retrospective

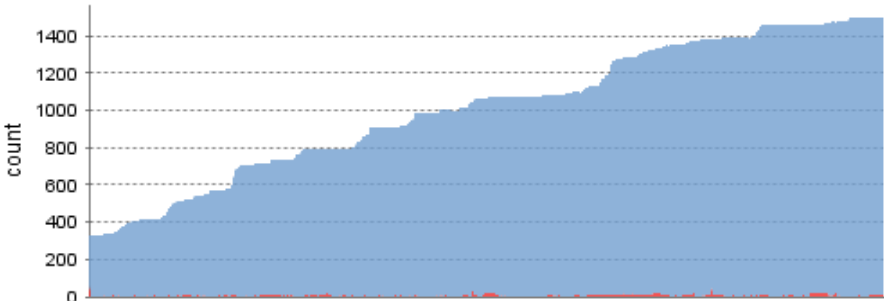


Achievements / Summary

Code Coverage Trend



Test Result Trend





Thank You!