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**OUM, SCRUM, and XP - combined for flexible solution delivery
EMEA Winter Code Camp 2008**

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Agenda

- Motivation
- Well known development strategies
- Powerful combination
- Few words about SCRUM



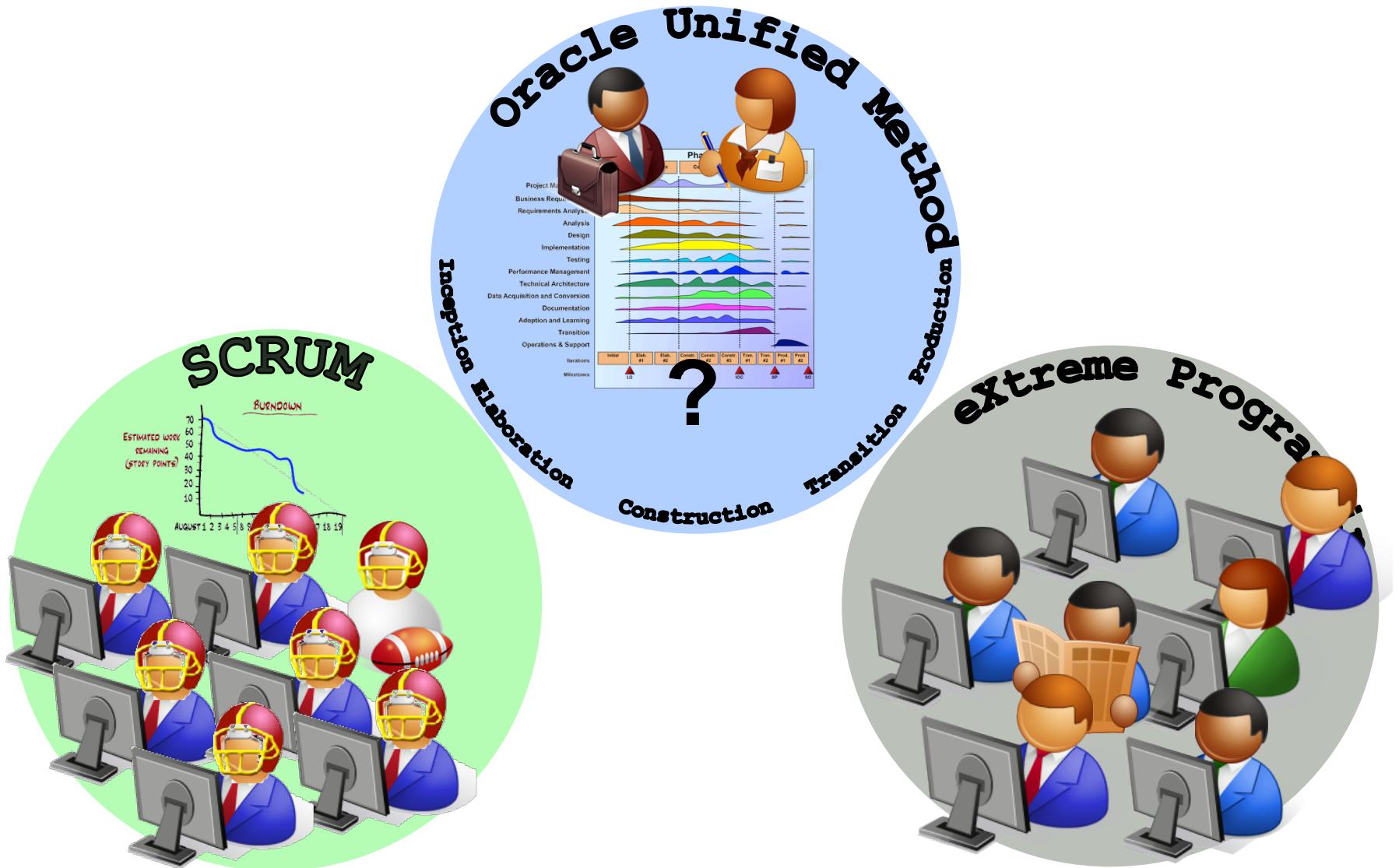


Motivation

To be able to prepare, produce, and deliver high quality software on time and budget in a changing business environment



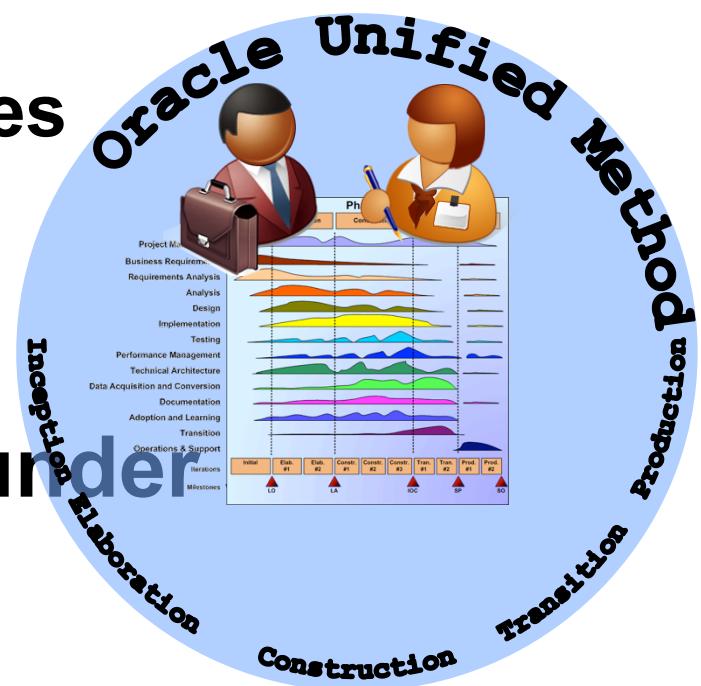
Well known development methods



Oracle Unified Method

- deep analysis of customer needs
- solid architecture, project plan, and docs
- progress controllable by tracking many deliverables
- iterative – ready for changes
- able to outsource coding phase

Success guaranteed! (under cirtumstances)



eXtreme Programming

- customer drives the project
- no money lost on deep analysis
- cool workplace for cool people
- produce the best code you ever saw

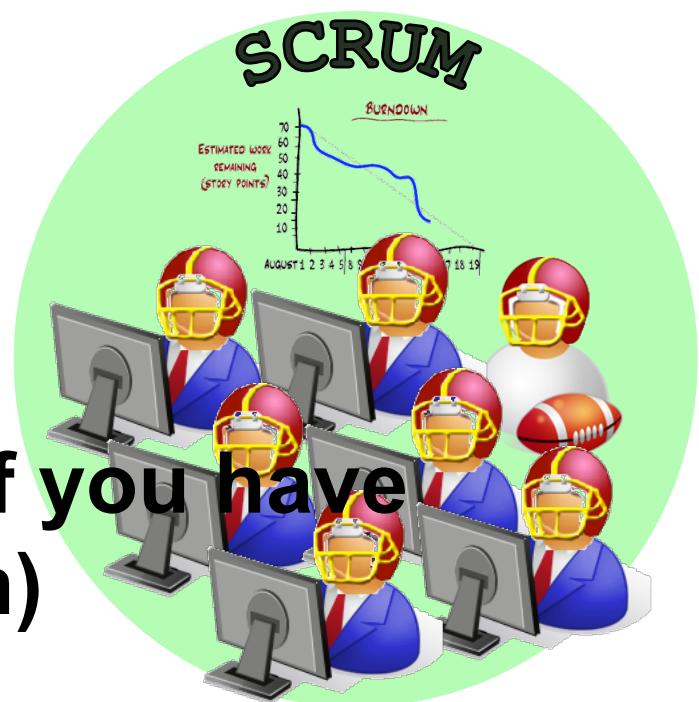


Success guaranteed! (if your
and team are really good)

SCRUM

- self organizing team
- frequent product increments
- clear communication channels
- early risk detection
- prepared for changes

**Success guaranteed! (if you have
real fighters in the team)**



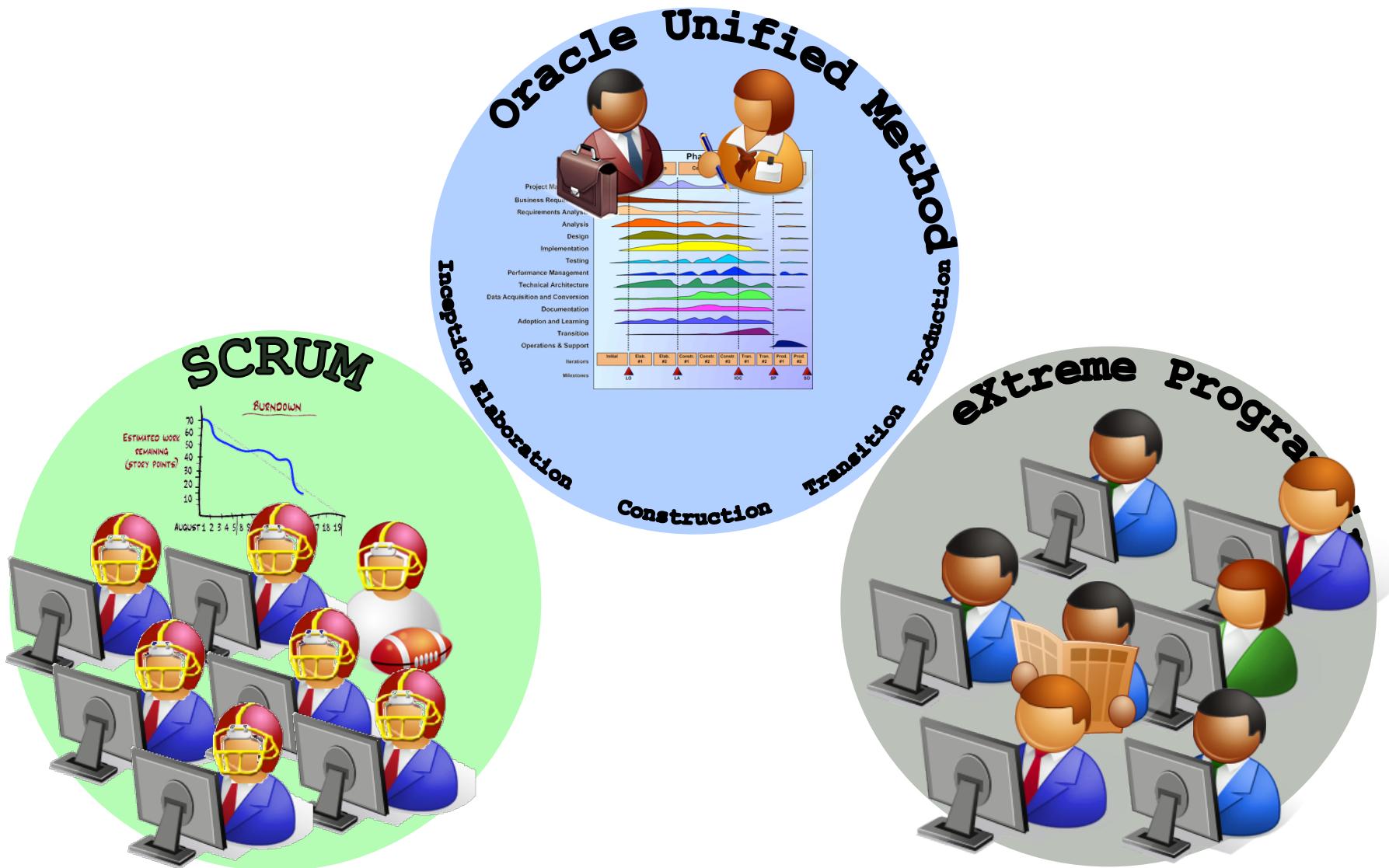
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- **But there are no . . .**
 - **perfect plans**
 - **perfect customers**
 - **perfect developers**
 - **perfect teams**

What to do then?

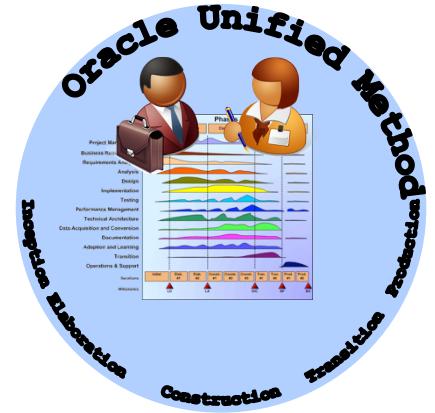
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Let's combine OUM, SCRUM, and XP



Let's take maturity from OUM

- Well known on market as RUP based, stable, and mature methodology for software project delivery
- Management framework of complete software development life-cycle
- Forget about
 - trying to fill every proposed document
 - Use Case based calculation for final estimations
 - guidelines to drive construction phase
 - ideal quality of deliverables
 - putting low level development tasks in project plan



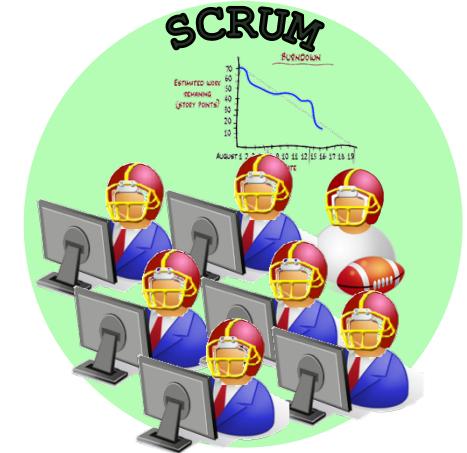
Add quality code assurance from XP

- Promise to deliver high quality code
- Open, informal, and non direct communication
- Share skills and knowledge
- Knowledge radiators
- Code signed by author
- Common ownership of project's code
- Unit tests
- Continuous builds
- Forget about
 - XP management style
 - work in pairs
 - on site customer



And finally add SCRUM

- Stable requirements inside interaction
 - Well defined software deliverables
 - Clear and open communication channels
 - Clear delivery schedule
 - Team commitment
 - Customer trust
-
- Forget about
 - short term subcontracting



Final formula

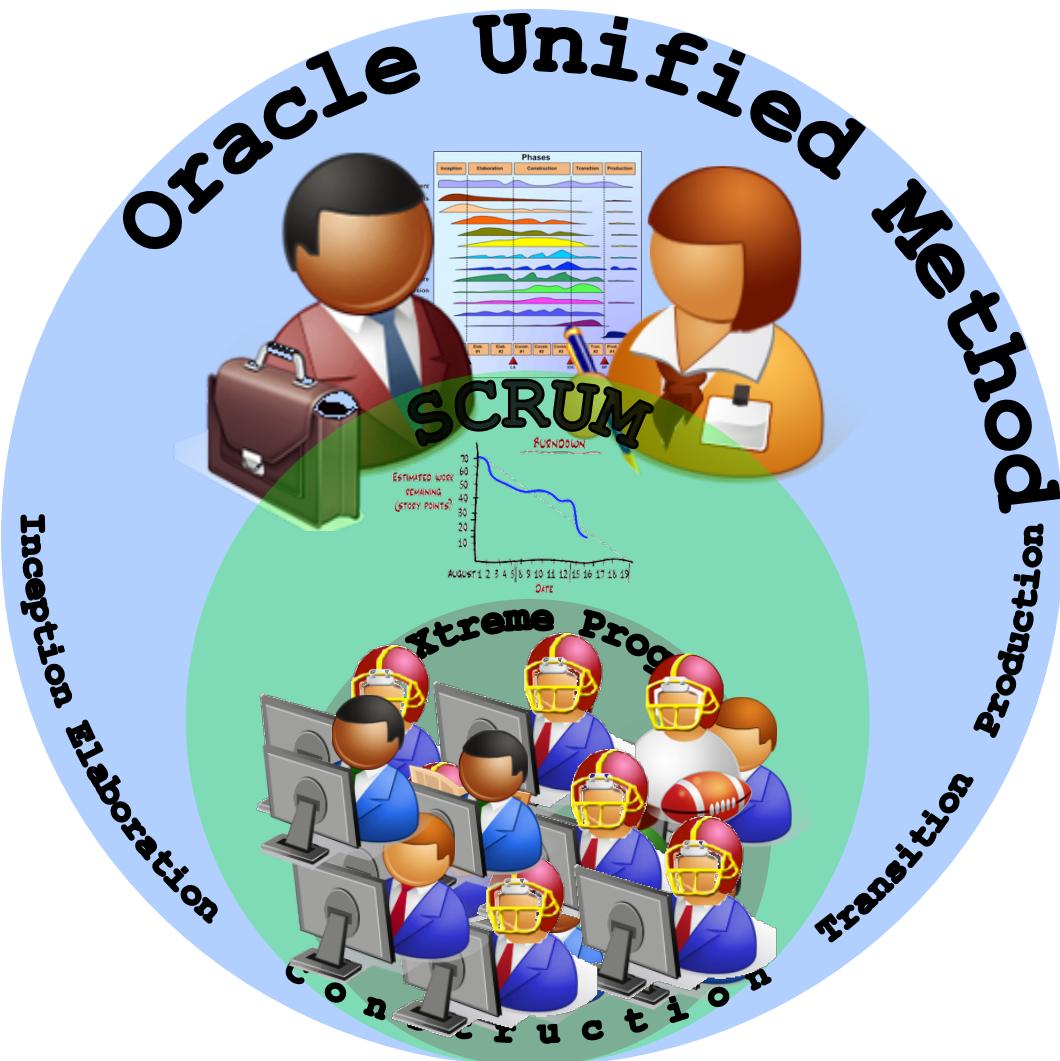
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Let's smartly combine OUM, SCRUM, and XP

OUM
process
framework

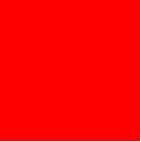
SCRUM
management
strategy

XP
development
practices



Why SCRUM is so special? (quickly)

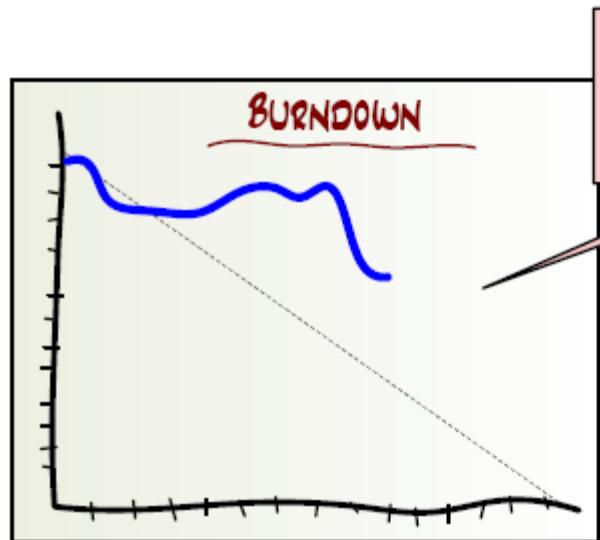
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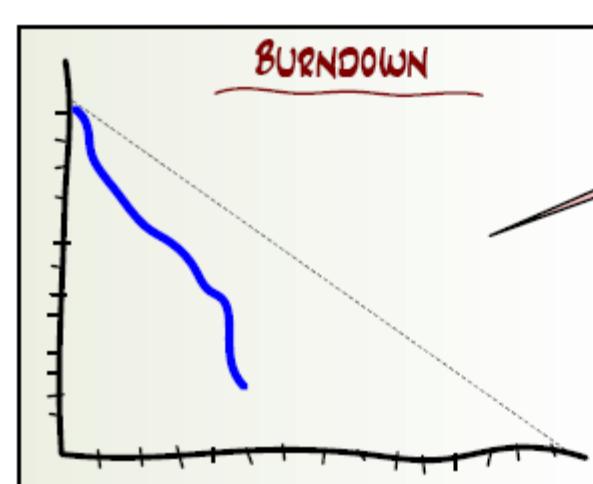
Initial estimation and daily re-estimation done by developers



Early recognition of missing a deadline



OUCH! Need to
remove some
backlog items from
the sprint



Need to add some
backlog items to the
sprint.

<http://www.crisp.se/henrik.kniberg/ScrumAndXpFromTheTrenches.pdf>

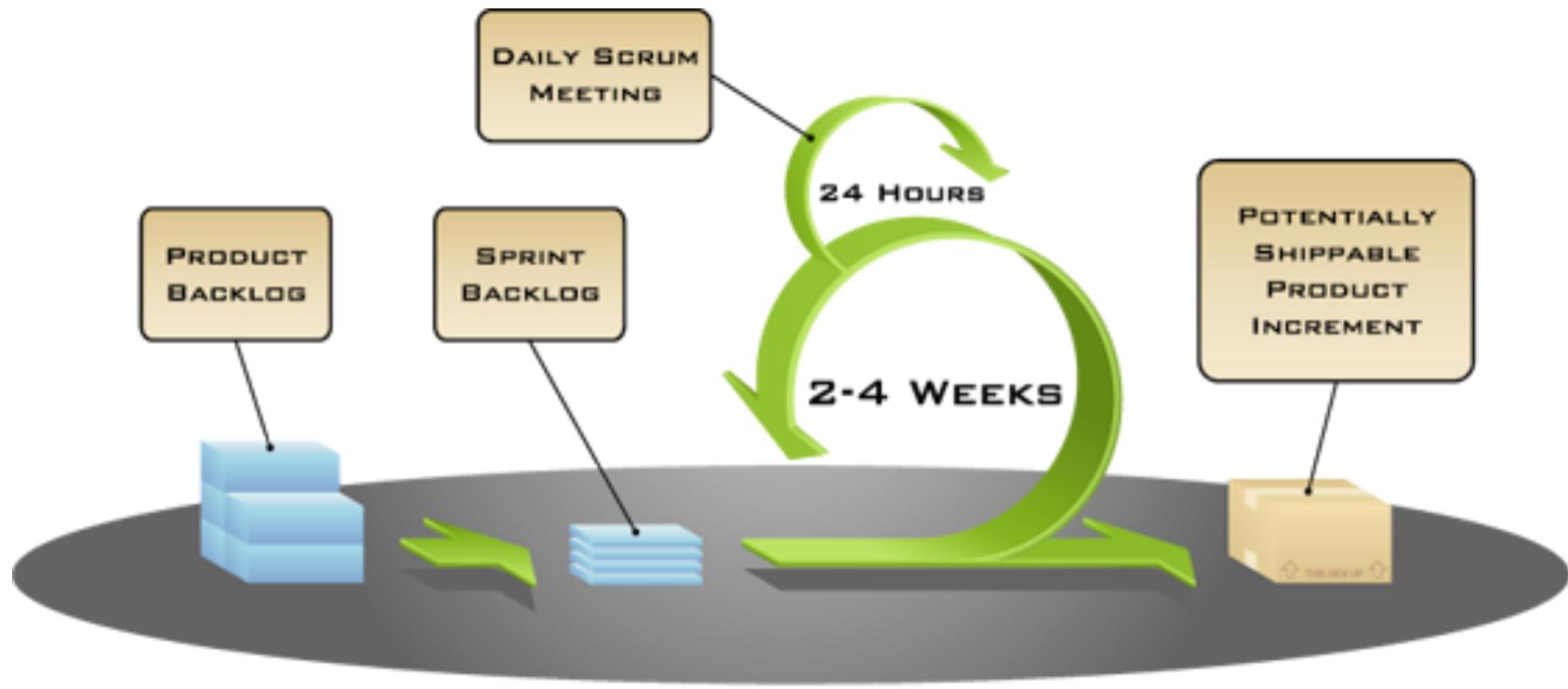
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Three questions asked everyday

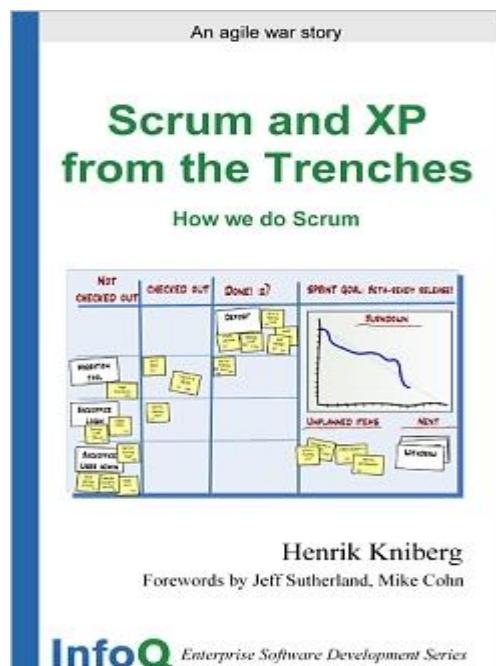
- What have you done yesterday?
- What will you do today?
- Are there any problems in on-time delivery ?

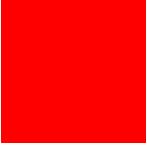


Big picture of SCRUM



More information?





Thanks!





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