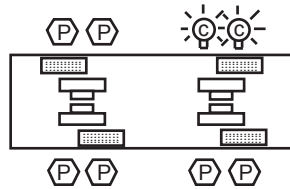


Extreme Programming Overview

team interaction

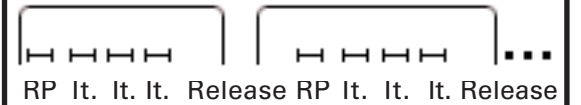
- Team Practices**
- Whole team sits together in one room
 - Work at a sustainable pace
 - Integrate many times per day
 - Share a common vision and vocabulary
 - Reflect regularly
 - Converge on a coding standard

An XP Room
Dynamic pairs write all production code



Any pair can change any code

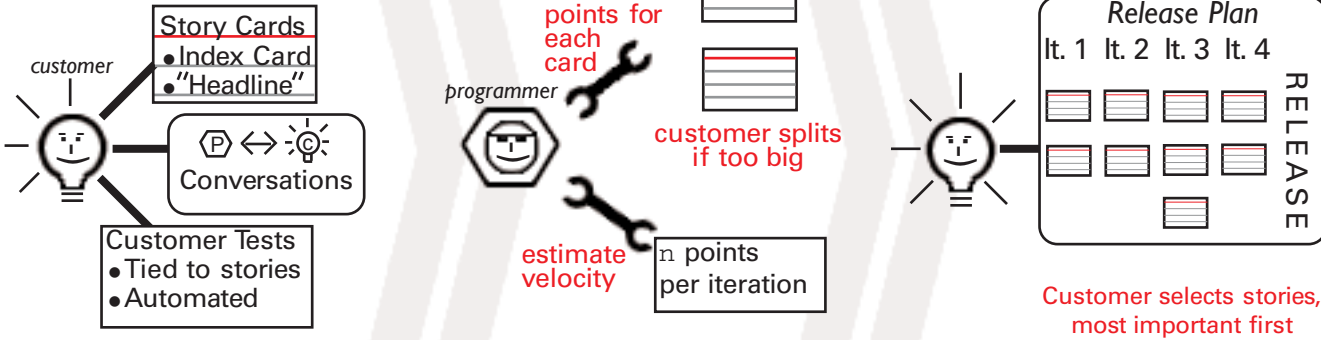
overall schedule



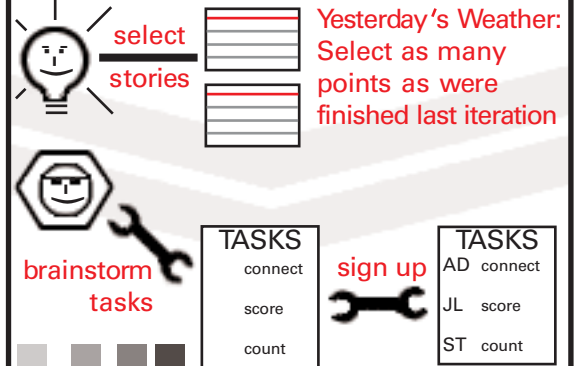
RP=Release Planning (1-3 weeks)
It.= Iteration (fixed length, 1-3 weeks)
Release to users every 1-3 months



release planning



iteration planning

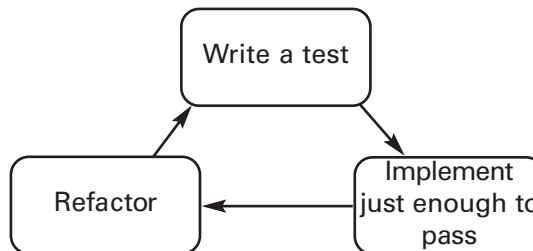


programming

Design Philosophy

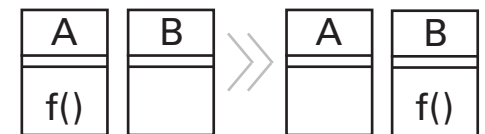
- Design is evolutionary and emergent
- Pay as you go: Build just enough to meet today's requirements
- Keep design as simple as possible (but no simpler)
- High quality is both a side effect and an enabling factor
- The code says everything "once and only once"

Incremental Test-First Programming



Cycle takes 5-15 minutes

Refactoring Stepwise design improvement via safe transformations



Example: Move Method