

Personal Software ProcessSM

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What is a process?

A sequence of steps to do a job

E.g.

- Chemical Process
- Manufacturing Process

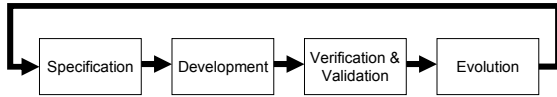
Why do we need a process?

- We want to improve how we do our jobs
- We have to commit to datelines
- If we work on a team, coordination is necessary

A defined, measured, and planned process

What is Software Process?

A set of activities for developing software



What is Personal Software Process (PSP)?

A software development process for individual

What is beyond PSP?

- Personal Software Process (PSP) develops personal skills
- Team Software Process (TSP) develops team skills
- Capability Maturity Model Integration (CMMI) develops organization skills

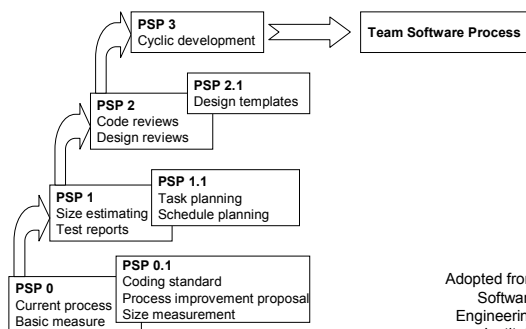
What is required from us?

- Discipline = activity or exercise that develops or improves skill
- It takes **effort**, **perseverance**, and **time** to develop engineering skill

Components of PSP

- Personal measurement
- Personal planning
- Personal quality
- Personal improvement

Where do we begin?



Adopted from
Software
Engineering
Institute

PSP0: Baseline Process

- Provide frameworks for your task
- Gather data on your work

Benefits

- Convenient working structure
- Measurement framework
- Foundation for improvement

Let's the game begin