

CMMI: Project Monitoring and Control



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The WHAT: Project Monitoring and Control

SG 1: Monitor the Project Against the Plan

SG 2: Manage Corrective Action to Closure

The HOW (part 1): industrial practices

The HOW (part 2): real-life examples



[Dev10]

SG 1: Monitor the Project Against the Plan

SP 1.1: Monitor Project Planning Parameters



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The WHAT: Project Monitoring and Control

The HOW (part 1): industrial practices

- Extreme Programming

- SCRUM

- Rational Unified Process

The HOW (part 2): real-life examples

The HOW (part 1): industrial practices



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[AB06]

The HOW (part 1): industrial practices

Extreme Programming



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The HOW (part 1): industrial practices

SCRUM



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Overview

- ▶ **agile** software-engineering process
- ▶ **iterative**: thinking in *sprints* of 2-4 weeks
- ▶ **slim**: 3 *roles*, 4 *artifacts*, small set of *rules*
- ▶ **communicative**: daily meetings, planning, reviews (but less paperwork)

The HOW (part 1): industrial practices

Rational Unified Process



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The WHAT: Project Monitoring and Control

The HOW (part 1): industrial practices

The HOW (part 2): real-life examples
at Hochschulrechenzentrum, TU Darmstadt
at dimetis GmbH
at BASF IT-Services

The HOW (part 2): real-life examples

at Hochschulrechenzentrum, TU Darmstadt



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The HOW (part 2): real-life examples

at dimetis GmbH



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