



Learn to integrate software processes into your company culture

AU9845 FL

# Defining and Deploying Software Processes

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Del Mar, California, USA

**CONNECT THE PROCESS WORLD TO YOUR PROJECT SCHEDULES**

**Defining and Deploying Software Processes** enables you to create efficient and effective processes that let you better manage project schedules and software quality. The author's organized approach details how to deploy processes into your company's culture that are enthusiastically embraced by employees, and explains how to implement a Web-based process architecture that is completely flexible and extensible.

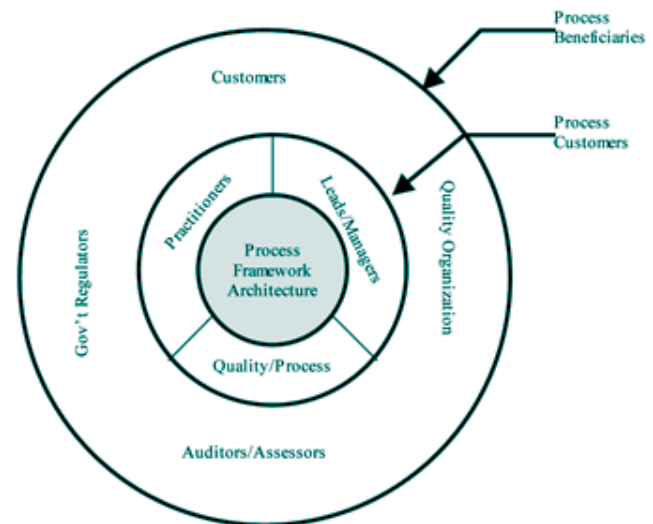
Divided into four sections, the book defines the software process architectural model, then explores how this model is implemented. It addresses both the importance of the Web in deploying processes and the importance of a version-controlled repository tool for process management.

The third section examines the use of the software process model. The author focuses on classes of process users, metrics collection and presentation, schedule creation and management, earned value, project estimation, time-card charging, subcontract management, and integrated teaming.

The final section discusses deployment of the model into an organization, outlining how to rapidly confront pain issues, process group creation and charter, process champion development, pilot and measure the model, and prepare for external model appraisal, e.g., SCAMPI.

## FEATURES

- Connects software processes directly to the real world of software life cycle execution
- Provides a complete process framework model in which a company can place process elements with full traceability throughout
- Offers a tight coupling of process improvements to software project management
- Addresses repeatability, quality, and software configuration management controls
- Allows disciplined connectivity to SCM, quality gates for work products, and metrics data collection



**Process stakeholders.**

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