Software.Process.Management
software processes that fit your business needs

Distributed Software Development: Successful Collaboration in Distributed Teams, Offshore Projects, and Outsourcing

Training Description

Overview

This training introduces fundamental approaches for distributed software development, from selection of an external partner to successful approval of results. It presents important processes, organizational structures, and methods. Emphasis is placed on designing effective collaboration between distributed project participants.

Target Groups

Project Management, Senior Technical Staff, Line Management

Level

Entry & Advanced

Contents

- Successful collaboration in distributed development
- Variants of distributed development:
  - Distributed teams
  - Collaboration across organizational entities
  - Offshore development
  - Outsourced development
- Selection of a distributed development variant
- Organizational and processes design for distributed development
- Success factors for distributed projects
- Identifying and fixing collaboration issues

Duration

2 Days

Maximum Number of Participants

12 Persons

Summary

Most software projects today include some aspects of "distributed development": Collaboration across different sites or departments, delegating work packages to external partners (i.e., outsourcing), or transferring tasks to offshore service providers, for instance in eastern Europe or Asia. Successful completion of such projects requires new approaches and principles that go beyond traditional software development.

Project management and project participants in distributed development must deal with the following questions:

- What kinds of distributed development organization exist?

- How well does a specific development organization fit its given context?

- How can a team be established across different sites, organizations, and national cultures?

- What are the key success factors for distibuted development?

- How can collaboration issues be detected early?

- How can problems in distributed projects be identified and fixed?

This training introduces fundamental approaches for distributed software development, from selection of an external partner to successful approval of results. It presents important processes, organizational structures, and methods. Emphasis is placed on designing effective collaboration between distributed project participants.

Example cases from industrial practice train appropriate behavior in critical situations. Participants learn how to systematically set up distributed development and lead it to success.

Trainer CVs

Dr. **Andreas Birk** is founder and principal consultant of Software.Process.Management. He helps organizations to optimally align their software processes with their business goals. His focus areas are requirements, test management, and software process improvement.

In more than fifteen years in the software industry, Andreas Birk has built a profound understanding how software and IT contribute to sustained business success. He publishes in renowned IT journals and speaks regularly at international conferences.

Hartmut Schäfer is a coach, trainer, and consultant, who supports IT organizations to optimally organize distributed software development. Hartmut Schäfer has more than 15 years of experience as a project lead and developer for industrial software products. For more than 5 years, he set up and led supplier management at a software development organization of a global technology enterprise. He has gained extensive experience in organizing outsourcing, nearshore and offshore development as well as subcontracted development.