

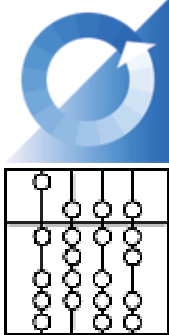
Tool Support and Requirements Management in Distributed Projects

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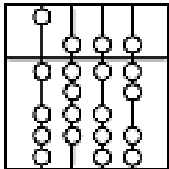
Munich, August 27 2007

The business of offshoring



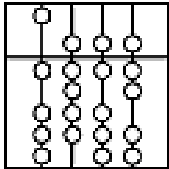
- Strategic / organisational:
 - “Banks can save 8-12% of their overall costs, and insurers as much as 10-15%.” (Deutsche Bank Research (2004))
 - Virtual teams: at IBM, 40% of the workforce has no office at the company. At AT&T approximately 30% of managers have no defined geographic location
- Economic / political:
 - Decrease of internal value creation (e.g. Porsche: 10 to 20%)
 - “Follow the customer” and time-to-market as market(ing) necessity
 - “IBM has established a massive research park in Beijing largely devoted to Linux development.”
 - “Microsoft Research Asia has devoted the bulk of its research efforts in China to improving search and data mining technologies.” (Darryl Taft)
 - Global value chain instead of “extended workbench”

The problems of offshoring



- *Tooling:*
 - support global development project with tools in an appropriate way
 - Are the tools for project management or workflow-support different to those used in on-site projects?
- *Process support:*
 - What does an adequate process for distributed development look like and how should it be supported by tools and techniques?
- *Economic aspects:*
 - How can we evaluate the efficiency of geographically dispersed requirements engineering, also compared to on-site projects?
 - Return on Investment in dedicated tools in distributed development
- *Project management:*
 - Which methods and tools can help to plan, control and track a project?
 - Are risk management or workflow management different to on-site projects?
- *Collaboration and communication:*
 - How do RE and software development need to be organized when teams are spread over two or more sites?
 - How can projects achieve efficient collaboration?
 - lessons learned on tools and infrastructures for RE, development or test

Agenda



09:30 – 11:00

Introduction

Daniel Paulish: “Methods, Processes & Tools for Global Software Development“

Tuomas Niinimäki: “Communication Tools in Globally Distributed Software Development Projects”

11:00 – 11:30 Coffee Break

11:30 – 13:00

Rupert Stuffer: “Management of distributed Projects in the Automotive Industry”

Matthias Heindl: “Requirements Management Infrastructures in Global Software Development - Towards Application Lifecycle Management with Role-Oriented In-Time Notification”

Agenda



13:00 – 14:00 Lunch

14:00 - 15:30

Crescencio Bravo: "A Groupware System for Distributed Collaborative Programming: Usability Issues and Lessons Learned"

Harold Ossher: "Distributed Development across the Lifecycle with Jazz"

Tobias Kuipers: "Monitoring the Quality of Outsourced Software"

15:30 – 16:00 Coffee Break

16:00 - 18:00

Marco Lopes: "MAIS: an Awareness Mechanism for Change Identification on shared Models"

Chintan Amrit: "Exploring Coordination Structures in Open Source Software Development"

Miles Herrera: "A Framework for designing integrated Tool Support for globally distributed Software Development Teams"

Celine Laurent: "A Sensitivity Analysis Approach to Select IT-Tools for Global Development Projects"