Tutorial

Distributed Engineering Teams – Lessons from Industry

Call for Participation

Venue:
ICGSE 2015 in Ciudad Real, Spain

Summary:
Successfully managing distributed projects on an industry scale has rapidly become a key competence for any engineering manager. Challenges vary, be it collaborating in distributed teams, handling cultural diversity and multisite projects, optimizing remote capacities, or managing suppliers. The vast majority of global activities do not deliver to targets, and half of them fail. The diversity of cultures, suppliers and products require dedicated practices and tools to overcome these challenges. This tutorial of renowned industry expert Christof Ebert summarizes concrete experiences and guidance from industry. It looks to techniques and tools for successfully handling global software development and sourcing. Dr. Ebert offers many practical hints and concrete explanations to make distributed teams and projects a success. Session attendees can raise specific questions from industry practice or academic research to get first-hand insight into state of practice as well as new thoughts and trends that will shape the future of global software and IT.

Target Audience:
- Developers and engineers who need to make their collaborative teams more effective.
- Industry Software, R&D and IT managers who want to succeed with distributed development, sourcing and products.
- Project managers and project teams wanting to improve their distributed projects.
- Product managers and R&D managers.
- Procurement interested in making sourcing of development partners more effective.
- Suppliers trying to understand best practices and what needs drive their clients.
- Academic researchers who need to get the latest trends from industry.
Value:
The tutorial is embedded to the “Industry Day” at ICGSE and provides concrete industry experiences from globally distributed projects, covering sourcing models, rightshoring and captive development. It covers topics such as managing people in distributed sites, managing a project across locations, mitigating the risk of offshoring, processes for global development, practical outsourcing guidelines, communication and effective collaboration technologies. Based on the author's vast experiences through the past two decades in setting up and managing global engineering sites, it shares best practices from companies of different size, organization layout, cultures and industries around the globe. Most relevant, the tutorial highlights concrete strategies to survive in a globally dispersed work environment.

Key Take-Aways:
The tutorial is useful for several purposes, namely
- Hands-on experiences with opportunities, lessons learned, and risks.
- Practical insights for industry practitioners and managers.
- Helping each single reader to improve his global software activities.

Duration:
3 hours

Prerequisites:
none

Level:
Intermediate, Expert
The tutorial addresses industry practitioners and academic research who want to fast ramp up on current best practices in distributed development

Biography Christof Ebert:

Christof Ebert is managing director at Vector Consulting Services. He supports clients around the world to sustainably improve product strategy and product development and to manage organizational changes. Prior to that, Dr. Ebert held global management positions for ten years at Alcatel-Lucent, most recently the global responsibility for software platforms. Over the years he had set up several offshoring sites and supported numerous companies in mitigating global software engineering and outsourcing risks and thus getting concrete benefits from such programs. A trusted advisor for companies around the world and a member of industry boards, he is a professor at the University of Stuttgart, and authored several books including his most recent book “Global Software and IT” published by Wiley. Many Fortune 100 companies have already used his competence to improve their performance and competitiveness. He leads the Steering Board of the IEEE ICGSE conference series.

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Book: “Global Software and IT” and promotion code: www.vector.com/global-software