

Call for Papers

GREW'07 – www.bth.se/grew07
Munich, Germany, August 27th, 2007
Submission deadline: May 11, 2007

held in conjunction with the International Conference on
Global Software Engineering ICGSE 2007

Submissions

Four types of papers are solicited:

- full papers (4-8 pages),
- position papers (4-6 pages),
- industrial problem statements (4-6 pages)
- industrial experience reports (4-6 pages)

Submissions shall be sent to tony.gorschek@bth.se

Paper format: IEEE CS proceedings format
(8.5" x 11" two-column format – see www.bth.se/grew07)

Important Dates

Submission deadline: May 11, 2007
Notification of acceptance: May 30, 2007
GREW Program Ready: May 31, 2007
Early Registration deadline: June 9, 2007
(www.inf.pucrs.br/icgse/)

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Contact

For any further requests, please contact: tony.gorschek@bth.se

Overview

Distributed multi-site software product development is increasingly becoming commonplace as companies become global not only in terms of customer base, but also with regards to large parts of the software product development that is spread over continents and cultures. Distribution is driven by that it enables companies to leverage their resources, and to draw on the advantage of proximity to customers and markets during large-scale software development.

The potential opportunities, however, come with new challenges for the product planning, management and development organizations of a company that affect requirements engineering of software products. The threat of defect increase and overruns in multi-site development has been documented in literature. According to industry experience reports, some of the main problems are attributed to heterogeneous understanding of requirements and substantial differences in domain understanding and interpretation. This is compounded by the fact that multi-site development usually is detrimental to informal communication between stakeholders such as product managers, experts, and developers, as these roles are often separated geographically.

The goals of this workshop is to identify, report, discuss, and address the challenges associated with requirements engineering (RE) and product management (PM) from two main perspectives:

- PM/RE for Global Software Development – assuring that the handling of requirements and products are effective and efficient in relation to a global/distributed development environment where development is conducted over multiple sites, and
- Distributed PM/RE – the activities associated with PM and/or RE are conducted globally over multiple sites, and the development may be conducted in one single site or distributed around any number of sites.

We encourage submissions on any aspect of this topic, but we particularly welcome submissions that address how globalization is affected by or affects the areas of:

- Product Management and Product Planning (incl. e.g. product roadmaps / product strategies)
- Requirements Engineering (e.g. distributed elicitation, analysis & negotiation, management, stakeholder identification and management etc)
- Release Planning (including multiple releases over time) and Requirements Selection (including prioritization and/or value-added approaches)
- Challenges that global and distributed RE poses to project managers
- Product Lifecycle Aspects (handling of requirements and products over time) and Product Integration
- Early effort and cost estimation of global projects, proposal writing and legal aspects
- Risk management, progress tracking, quality control
- Requirements Validation (including e.g. reviews/inspections in distributed teams etc)
- Pre-project/Pre-implementation (continuous) Planning and Development Activities
- Product Lines, e.g. scoping and management
- Enabling Communication of Requirements in Multi-site Development (coordination of distributed requirement analyst teams, requirement change propagation, analyst-to-developer collaboration)
- Requirements Hierarchies in Large-scale Systems (e.g. customer / product / system / subsystem requirements; aspects of comprehension; distributed vs. centralized collection and refinement, consistency)
- Tool Support for Distributed RE/PM
- Economic and Management Implications (with focus on product management and requirements engineering aspects, including e.g. metrics for measuring success of a distributed process, cost and effort estimation etc)
- Experiences and Case Studies of product management in Multi-site Development (esp. industrial experiences and applications)
- Considerations of how Agile Methods and other Light-weight Processes and Methods may be utilized in this context

Case studies, experience reports and industrial problem statements are particularly encouraged.