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Call for Participation 1st Workshop on Implementing Product Line Engineering in Industry: Feedback to research from the field

In conjunction with the
9th International Conference on Product Focused
Software Process Improvement (PROFES 2008)
June 23 - 25, 2008, Frascati, Rome, Italy
<http://www.profes08.uniroma2.it/>

Introduction

Software product line engineering refers to methods (tools and techniques) for creating sets of similar software systems by taking advantage of their commonalities and predicted variabilities. After successfully installing product line engineering in practice, organizations typically experience a great improvement with respect to productivity or quality.

Product line engineering is a proactive and strategic approach towards software reuse that requires the involvement of whole organizations to be successful. Implementing product line engineering in practice thus corresponds to identifying a strategy that transforms an existing organization into an organization that is fully centered around their product line(s). Although this transformation impacts nearly everything in an organization, it is often realized in an incremental way to manage risks and to ensure that production continues during the change process.

Goal

This workshop aims at a great collection of experience reports in implementing product line engineering in practice. The reports should expose best practices and typical challenges of transferring product

line technology into practice. During the workshop we will also try to identify proven first steps that make a first, successful step towards the ultimate vision of product line engineering.

Therefore, we are particularly interested in discussing industrial experiences gained in the following areas:

- Initiating product line adoption.
- Estimating or monitoring the ROI of product line technology
- Managing organizational changes and issues while adopting product line technology

Format

The workshop will be based on 6-7 invited talks. The workshop participation will be open but limited in number (i.e.20-30 people).

Organizing Committee

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