Call for Tool and Demonstration Proposals

Ronny Kolb, Honeywell, SPLC 2009 Demonstrations and Posters Chair

Tools and the automation achieved through them are an important aspect of efficiently implementing software product lines in industrial practice and further improving productivity.

We are soliciting demonstrations of academic, open source, in-house, and commercial tools that support and automate specific aspects of product line engineering such as feature modeling, variant management, derivation and generation of products, product line testing, and so forth. Demonstrations of original, novel tools for some purpose, new versions of existing tools with a clearly identifiable new contribution, as well as customized extensions of standard tools are welcome. Commercial tool vendors are encouraged to demonstrate their tools together with an industrial customer using concrete examples.

In addition to demonstrations of practically applying product line engineering using (tailored) standard or product-line-specific tools, we are interested in
- approaches and results of evaluating and selecting product line tools
- integration of product line tools with general software development tools
- integration of product line tools in existing single-system tool chains
- extensions of standard product line tools for specific needs
- integrated solutions for the whole product line life cycle

In addition to tool demonstrations, we are interested in demonstrations of industrial practice for various activities in the product line engineering life cycle. Demonstrations are aimed at showing state of the practice in implementing product line engineering and exchanging practical experiences and challenges. Provided there is evidence of use in actual practice, process definitions and/or simulations using tools such as the Eclipse Process Framework (EPF) or IBM’s Rational Method Composer (RMC) can be presented.

All those who wish to demonstrate a product-line-related tool or industrial practice should send their proposal of up to two pages in a free format to Ronny Kolb (ronny.kolb@honeywell.com) by March 6, 2009. Proposals will be evaluated beginning March 6, 2009 and will continue until the deadline for camera-ready copy. A one-page paper about each accepted demo will be published in the conference proceedings.