Preface

The fundamental premise of product line engineering (PLE) is that the investment in a family of products pays off later by allowing systematic, efficient derivation of products. This should be automated as much as possible, which can be achieved via model-driven engineering (MDE) techniques. Research in PLE and MDE has many intersections. PLE leverages MDE to specify variability, domain concepts, configurations and more. (Semi-) automated product derivation requires mappings between the models on different abstraction layers and model transformations to derive an implementation from a configuration.

In addition, latest research shows the increasing need for concepts to deal with very large and evolving systems. Product lines can no longer rely on an immutable scope but need to be considered as evolving systems which can span over organisational boundaries. Thus, there is a need to apply and investigate latest concepts from MDE like model-driven evolution and co-evolution, consistency management, multi-paradigm modelling, etc.

In this workshop we aimed to bring together researchers and practitioners to foster the exchange of concepts and ideas between them to address these challenges.

This book compiles the proceedings of the second edition of the MDPLE workshop. Out of 12 submissions, 7 were selected for publication. Each submission was reviewed by at least three program committee members.

The organisers also invited Øystein Haugen, SINTEF and University of Oslo, an internationally renowned speaker, to deliver the keynote address to the workshop participants.

May 2010

Patrick Heymans, Itay Maman,
Andreas Pleuss, Julia Rubin,
Goetz Botterweck
The MDPLE 2010 Organisers

Organisation

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Andrzej Wasoswki, IT University Copenhagen, Denmark

Reviewers

Cleve Anthony, Alexander Gruler, Alexander Harhurin, Wolfgang Heider, Kim Lauenroth, Mark Rzepka, and Germain Saval

Workshop Organisers

Goetz Botterweck, Lero, University of Limerick, Ireland
Patrick Heymans, University of Namur, PReCISE, Belgium
Itay Maman, IBM Haifa Research Lab, Israel
Andreas Pleuss, Lero, University of Limerick, Ireland
Julia Rubin, IBM Haifa Research Lab, Israel

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