

Fourth International Workshop on Model Driven Development of Advanced User Interfaces

<http://www.medien.ifi.lmu.de/mddau2009/index.html>

Organized at
IUI 2009
Sunday, February 8th, 2009
Sanibel Island, Florida, USA

Theme

Model Driven Development (MDD) is an important paradigm in Software Engineering. In MDD, applications are specified systematically using abstract, platform-independent models. The models are then transformed into executable code for different platforms and target devices. Model-driven techniques become ever more prominent in any kind of application, such as multimedia and Web, ubiquitous and automotive applications.

The workshop will be a platform for discussing the modeling of advanced user interfaces, such as interfaces supporting complex interactions, visualizations, multimedia representations, multimodality, adaptability or customization. It will contribute to a better integration of knowledge from the Human-Computer Interaction community and the Software Engineering community. Guiding principle is the demand for a flexible composition of various different models to support the model-driven development of user interfaces with a high degree of usability and customization

Workshop Format

The workshop takes one half day during the IUI 2009 conference. The workshop will consist of a limited number of short paper presentations followed by in-depth discussions on selected topics.

Topics of Interest

We solicit papers addressing one or more of these issues:

- Models required for modeling (specific aspects of) advanced or non-standard user interfaces clearly stating their added value for the targeted applications compared to the relevant models discussed in literature.
- Adaptation and customization mechanisms for model transformations leading to tailored user interfaces with a high degree of usability.
- Integration of informal techniques and tools from traditional UI design, i.e. by transformations from/to (non-trivial) UI design tools and different kinds of prototypes.
- Project experience on user interface development using a model-driven development approach.
- Problems and requirements on model-driven engineering emerging from the application area of model-driven user interface development.

Important Dates

Paper submission	November 29, 2008
Notification of acceptance	December 19, 2008
Final paper	January 30, 2009

Submissions

Short papers must not exceed 4 pages in ACM style and address one or more of the above topics. Submissions with in-depth discussion of one topic are preferred above submissions with a broader topic. Usage of an illustrative example is encouraged. Both academic position papers and industrial experience papers are solicited.

All submitted papers will be reviewed by members of the program committee. All accepted papers will be published electronically as CEUR proceedings.

Program Committee

- Birgit Bomsdorf, University of Hagen, Germany
- Paolo Bottoni, University of Rome, Italy
- Kai Breiner, Fraunhofer IESE, Germany
- Gaele Calvary, University Joseph Fourier, France
- Larry Constantine, University of Madeira, Portugal
- Anke Dittmar, University of Rostock, Germany
- Peter Forbrig, University of Rostock, Germany
- Daniel Görlich, German Research Center for Artificial Intelligence (DFKI), Germany
- Heinrich Hußmann, University of Munich, Germany
- Youn-kyung Lim, KAIST, South Korea
- Kris Luyten, Hasselt University, Belgium
- Gerrit Meixner, German Research Center for Artificial Intelligence (DFKI), Germany
- Philippe Palanque, University Paul Sabatier, France
- Fabio Paternò, C.N.R. Pisa, Italy
- Andreas Pleuß, University of Munich, Germany
- Angel Puerta, RedWhale Corp., USA
- Stefan Sauer, University of Paderborn, Germany
- Robbie Schäfer, Mettenmeier GmbH, Germany
- Orit Shaer, Wellesley College, USA
- Gerd Szwillus, University of Paderborn, Germany
- Jan Van den Bergh, Hasselt University, Belgium
- Jean Vanderdonckt, Université catholique de Louvain, Belgium
- Detlef Zühlke, German Research Center for Artificial Intelligence (DFKI), Germany

Organization

- [Gerrit Meixner](#) (main contact), DFKI, Germany
- Andreas Pleuß, University of Munich, Germany
- Jan Van den Bergh, Hasselt University, Belgium

- Heinrich Hußmann, University of Munich, Germany
- Stefan Sauer, University of Paderborn, Germany
- Daniel Görlich, DFKI, Germany
- Kai Breiner, Fraunhofer IESE, Germany