

First International Workshop on Model-Driven Software Migration (MDSM 2011)

Satellite Event of IEEE CSMR 2011,
March 1-4 2011, Oldenburg, Germany

Call for Papers

I. BACKGROUND

Model-driven Software Development (MDSD) and Software Migration are two different approaches that had been under research separately. In recent years, researchers found interesting analogies between both fields.

While model-driven approaches aim at transforming assets between different levels of abstraction, software migration aims at converting legacy systems into new technologies without changing functionality. Here, software migration can benefit from model-driven approaches by using the techniques to abstract, transform and concretize legacy systems again.

However, both fields of research are not yet entirely understood. Neither is the combination of both fields examined very well. The MDSM workshop will bring together latest research in the field of model-driven software migration approaches.

II. GOALS AND TOPICS

The MDSM workshop will bring together researchers and practitioners in the area of model-driven approaches supporting software migration to present and discuss state-of-the-art techniques as well as real-world experiences to stimulate further model-driven migration research activities.

The scope of the MDSM workshop includes, but is not restricted to, the following topics:

- Modeling languages, query languages and transformation languages
- Domain Specific Languages for software migration
- Model-integration in repositories
- Model-driven architecture reconstruction or migration
- Model-driven code migration
- Software migration by transforming legacy code
- Model-driven software renovation
- Tools and methods for model-driven migration
- Design patterns for model-driven software migration
- Experience reports

III. ORGANIZATION

The MDSM workshop will be held during the CSMR 2011 (<http://se.uni-oldenburg.de/csmr2011>) main conference on March, 1st 2011. The workshop sessions will consist of thematically grouped paper presentations with plenty of time for discussions. The length of the workshop (half day or full day) depends on the number of high-quality submissions.

IV. SUBMISSION

In addition to full papers, position papers and discussion papers of work-in-progress are welcome. Workshop papers will be published online on CEUR (<http://ceur-ws.org>) with ISSN and will be distributed to the conference participants via USB stick. All papers must be in English and are to be submitted online in Adobe Acrobat (PDF) format via the CSMR-MDSM submission site (<http://www.easychair.org/conferences?conf=csmr2011mdsm>). They have to adhere to the IEEE 8.5" x 11" two-column format (<http://www.computer.org/portal/web/cscps/formatting>). Full papers may not exceed four pages. Exceeding submissions will be rejected without review.

A. Important Dates

Abstract submission	Dec 17th 2010
Paper submission	Jan 5th 2011
Notification of acceptance	Jan 21st 2011
Camera-ready paper submission	Feb 4th 2011
Workshop date	Mar 1st 2011

V. ORGANIZERS

Workshop Chairs:

- Wilhelm Hasselbring, University of Kiel, Germany
- Andreas Fuhr, University of Koblenz-Landau, Germany
- Volker Riediger, University of Koblenz-Landau, Germany

Program Committee:

- Andy Schürr, Technische Universität Darmstadt, Germany
- Anthony Cleve, INRIA-Lille, France
- Filippo Ricca, DISI, University of Genoa, Italy
- Harry Sneed, Anecon GmbH, Austria
- Jaques Klein, University of Luxemburg
- Jürgen Ebert, University of Koblenz-Landau, Germany
- Rainer Gimnich, IBM Frankfurt, Germany
- Rocco Oliveto, University of Salerno, Italy
- Romain Robbes, University of Chile
- and others

VI. CONTACT

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