



OCLApps 2006: OCL for (Meta-)Models in Multiple Application Domains

<http://st.inf.tu-dresden.de/OCLApps2006>

ACM/IEEE 9th International Conference on Model Driven Engineering Languages and Systems

Organizing Committee and Program

Committee Co-Chairs:

Dan Chiorean
Babes-Bolyai University,
Cluj-Napoca, Romania
(contact)

Birgit Demuth
Technische Universität
Dresden, Germany

Martin Gogolla
University of Bremen,
Germany

Jos Warmer
Ordina, The Netherlands

Dates:

Submission: 01-08-2006

Notification: 15-08-2006

Program Committee:

Thomas Baar
EPFL Lausanne,
Switzerland

Tony Clark
Xactium, United
Kingdom

Andy Evans
Xactium, United
Kingdom

Robert France
Colorado State
University,
USA

Heinrich Hussmann
LMU Munich, Germany

Richard Mitchell
Inferdata, USA

Octavian Patrascoiu
LogicaCMG,
United Kingdom

Mark Richters
EADS, Germany

Shane Sendall
Switzerland

Peter Schmitt
Universität Karlsruhe,
Germany

Burkhardt Wolff
ETH Zurich, Switzerland

CALL FOR PAPER

Objectives. In recent years, MDA and associated MDE methodologies, approaches and languages emphasized the role that OCL has to play in MDE development. Beyond using OCL in specifying assertions and operations, new approaches and visions reveal beneficial usage of OCL to specify model behavior, compilation and evaluation of models, model transformation, and code generation. All these usages concern modeling languages in general, and UML in particular, as a modeling language.

This workshop solicits research contributions and experience reports related to the adequacy of OCL specifications to the mentioned usages, OCL refactoring and extensions in order to support new usages of OCL specifications and new applications domain.

Topics. Topics of interest include, but are not limited to:

- OCL as a textual formalism for specifying (meta-)models, irrespective of the abstraction level.
- Use of OCL in Domain Specific Languages (DSLs).
- Use of OCL in specifying model behavior. Extensions required for this usage. Examples of applications.
- Using OCL expressions in specifying aspects.
- OCL usage for navigating and querying models and databases.
- OCL as a neutral standard for specifying multi-tier applications.
- Tools supporting model compilation and execution.
- OCL and Model Transformations. Needed extensions. Experience reports.
- Using OCL specifications in metamodeling. Completeness and correctness of well-formedness rules.
- OCL and business process modeling
- OCL and ontology modeling. Experience reports on OCL usage in the Semantic Web application domain.
- Experience reports on OCL usage in profile specification and profile usage in application domains. OCL for the implementation of domain specification languages.
- Aspects needing to be clarified in OCL specifications, for example the semantics of undefined values and the evaluation of expressions containing undefined values, or overriding OCL expressions.

Workshop Format. The workshop continues the series of OCL workshops held at previous UML/MoDELS conferences: York (2000), Toronto (2001), San Francisco (2003), Lisbon (2004) and Montego Bay (2005). Similar to its predecessors, the workshop addresses both people from academia and industry. The aim is to provide a forum for exchanging views on OCL with regard to the visions of MDA and MDE, languages and methodologies. Furthermore, the workshop fosters research groups working on important research domains like Semantic Web or Business Process Modeling to consider the usage of OCL and to specify language needed extensions. The workshop will include short (about 15 min) presentations, parallel sessions of working groups, and sum-up discussions.

Paper Format and Publication. Full papers should be 5-15 pages in length. Authors should use the Springer LNCS style and procedure, see:

<http://www.springer.com/east/home/computer/lncs?SGWID=5-164-7-72376-0>

Preliminary proceedings will be available at the workshop. Also, the accepted papers will be published online at: <http://st.inf.tu-dresden.de/oclportal/> (the OCL Portal) and <http://planetmde.org>. The organizers are in the process of contacting international publishers in order to publish polished versions of workshop papers. A revised version (considering the feedback from reviewers and the event) of the two best papers nominate after the workshop, will be published by Springer LNCS series in the MoDELS'06 Workshop Proceedings.

Paper Submission. Papers must be submitted by email as postscript or pdf documents to Dan Chiorean (chiorean@cs.ubbcluj.ro). The Program Committee will review the submissions and select papers according to their relevance and interest.