Proceedings of the Workshop
Ocl4All: Modelling Systems with OCL
at MoDELS 2007

Preface

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The requirements that the modelling community wants to see supported by OCL now go far beyond its initial requirements. When OCL was conceived it was designed as a language for supporting precise modelling. The advent of the MDA (Model Driven Architecture) vision and the rapid acceptance of MDE (Model Driven Engineering) approaches emphasize new application domains (like Domain Specific Languages or Semantic Web). This increase in new modelling languages causes a need for new OCL-like languages for systems modelling, frequently developed as extensions to the original.

As this year's special focus, the OCL workshop recognised that OCL is used as a basis for many text-based navigation languages. The workshop brought together the community that defines these extensions in order to consolidate the experiences, successes and failures involved in doing so. The workshop discussed the potential for redesigning or at least restructuring the OCL standard definition in order to better facilitate and support third-party extensions to the language. The workshop aimed to look specifically at how to apply the key software engineering principles of modularity and reuse to the definition of OCL.

The workshop was organized as a part of the MoDELS 2007 Conference in Nashville, Tennesee, USA. It continued the series of OCL workshops held at previous UML/MoDELS conferences in York (2000), Toronto (2001), San Francisco (2003), Lisbon (2004), Montego Bay (2005) and Genova (2006). This EC-EASST volume contains improved papers of the papers already published on-line. The workshop organizers are grateful to authors for their effort to polish their papers. Last but not least, we are grateful to the members of the Program Committee, the additional referees, all participants of the workshop and to the EC-EASST editors for their support.

David Akehurst, Martin Gogolla, and Steffen Zschaler   November 2007

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