Proceedings of the Sixth OCL Workshop
OCL for (Meta-)Models
in Multiple Application Domains
(OCLApps 2006)

Preface

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Conceived as a formalism meant to support unambiguous and detailed modeling using UML (Unified Modeling Language), OCL (Object Constraint Language) needs adaptation to changes expressed in the modeling community. The requirements that the modelers want to see supported today by OCL go far beyond its initial requirements. The advent of the MDA (Model Driven Architecture) vision and the rapid acceptance of MDE (Model Driven Engineering) approaches emphasize new application domains (like Semantic Web or Domain Specific Languages) and call for new OCL functionalities.

Apart from the requirements asked by application domains, technologies, visions and paradigms used in modeling, the formalisms and techniques currently used have to support development of large scale applications. Therefore, efficiency represents another important feature that tools supporting OCL must provide. The OCL is required to ensure a fine balance between the use of language in specifying models realized in early life-cycle phases and the rigor asked by the strong relationship with formal languages. Fixing ambiguities reported from the OCL specification without affecting the above mentioned balance is also important.

Today, promoting OCL needs a conjoint support from both the research community and the industry. The main target of the OCLApps 2006 Workshop was to organize a debate forum joining people from research and industry able to present an updated state of the art in this domain, to contribute to the OCL dissemination and use.

The workshop was organized as a part of MoDELS/UML 2006 Conference in Genova – Italy, continuing the series of OCL workshops held at previous UML/MoDELS conferences in: York (2000), Toronto (2001), San Francisco (2003), Lisbon (2004) and Montego Bay (2005).

This ECEASST volume contains 10 improved and extended papers out of the 18 papers already published in the workshop proceedings as a technical report of Technische Universität Dresden. We are grateful to authors for their effort to improve and polish the versions presented, according with the feedback received and the workshop discussions.

Last but not least, we are grateful to the members of the Program Committee and to the ECEASST redactors for their support.

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