Preface

The second workshop on Model-Driven Engineering (MDE) for and in the Cloud was held on 30 September 2014 at UP Valencia, Spain co-located with the ACM/IEEE 17th International Conference on Model-Driven Engineering Languages and Systems. Model-Driven Engineering (MDE) elevates models to first class artefacts of the software development process. MDE principles, practices and tools are also becoming more widely used in industrial scenarios. Many of these scenarios are traditional IT development and emphasis on novel or evolving deployment platforms has yet to be seen. Cloud computing is a computational model in which applications, data, and IT resources are provided as services to users over the Internet. Cloud computing exploits distributed computers to provide on-demand resources and services over a network (usually the Internet) with the scale and reliability of a data centre.

Cloud computing is enormously promising in terms of providing scalable and elastic infrastructure for applications; MDE is enormously promising in terms of automating tedious or error prone parts of systems engineering. There is potential in identifying synergies between MDE and cloud computing. The workshop aimed to bring together researchers and practitioners working in MDE or cloud computing, who were interested in identifying, developing or building on existing synergies. The workshop focused on identifying opportunities for using MDE to support the development of cloud-based applications (MDE for the cloud), as well as opportunities for using cloud infrastructure to enable MDE in new and novel ways (MDE in the cloud).

Attendees were also interested in novel results of adoption of MDE in cloud-related domains that provided insight into early adoption of MDE for building cloud-based applications, or in terms of deploying MDE tools and infrastructure on 'the cloud'.

The workshop received 12 paper submissions (technical papers, position papers and work-in-progress papers), from which it accepted 8 for presentation at the workshop. Each paper was reviewed by 2-3 members of the program committee, and was selected based on its suitability for the workshop, novelty, likelihood of sparking discussion, and general quality. The workshop also featured a keynote presentation by Daniel Varro of the Budapest University of Technology, Hungary. The organisers thank all authors for submitting papers, our keynote speaker Daniel Varro, the workshop participants, the MoDELS local organisation team, the workshop chairs Alfonso Pierantonio and Gabi Taentzer, and the program committee for their support.

30th September, 2014   Richard Paige
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