Akehurst / Vogel / Paige

Model Driven Architecture - Foundations and Applications

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Model-driven architecture, and model-driven approaches in general, holds the promise of moving software development towards a higher level of abstraction. Given the challenges in the software industry of delivering more complex fu- tionality with less e?ort, it is not really a question whether model-driven - velopment will succeed, but rather a question of when it will break through. However, before this can happen, there are many challenging problems to c- quer, both theoretical and pragmatic. This requires close collaboration between academic research and industrial application. ThegoaloftheEuropeanConferenceonModel-DrivenArchitecture—Fo- dations and Applications (ECMDA-FA) is to bring together industry and academia to tackle the problems in model-driven development. This volume - cludes nine foundation papers and seven application papers. ECMDA-FA 2007 alsohostedsixworkshopsonboththeoreticalandpracticalaspectsofMDA.F- thermore, the keynote speakers, Stuart Kent from Microsoft and Andy Schur ¨ r from TU Darmstadt, proved that both industry and academia are interested in MDA and its applications. This third ECMDA-FA conference is the result of the work of the authors who submitted a total of 60 papers, the Program Committee members who produced careful and thoughtful reviews under signi?cant time pressures, the people organizing the workshops,and of course the Steering Committee. Several hundreds of people worked hard to make this conference a success. We have the honor of speaking for all these people in this preface and we would like to thank each of them for their valuable contribution. The ECMDA-FA 2007 conference was supported by the European Comm- sion's Information Society Technologies (IST) initiative and by IBM.

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