

Model Driven Architecture

European MDA Workshops: Foundations and Applications, MDAFA 2003 and MDAFA 2004, Twente, The Netherlands, June 26-27, 2003, and Linköping, Sweden, June 10-11, 2004, Revised Selected Papers

Model-Driven Architecture (MDA) is an initiative proposed by the Object Management Group (OMG) for platform-generic software development. MDA separates the specification of system functionality from the implementation on a specific platform. It is aimed at making software assets more resilient to changes caused by emerging technologies. While stressing the importance of modeling, the MDA initiative covers a wide spectrum of research areas. Further efforts are required to bring them into a coherent approach based on open standards and supported by matured tools and techniques. This volume contains the selected papers of two workshops on "Model-Driven Architecture – Foundations and Applications" (MDAFA): MDAFA 2003 held at the University of Twente, Twente, The Netherlands, June 26–27, 2003, and MDAFA 2004 held at Linköping University, Linköping, Sweden, June 10–11, 2004. The goal of the workshops was to understand the foundations of MDA, to share experience in applying MDA techniques and tools, and to outline future research directions. The workshops organizers encouraged authors of accepted papers to re-submit their papers to a post-workshop reviewing process; 15 of these papers were accepted to appear in this volume on MDA.

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