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Preface

This volume contains the reports from the workshops held at the 21st European Conference on Object-Oriented Programming – ECOOP 2007 – at Technische Universität Berlin. Nineteen workshops were held in the course of this conference on July 30 and July 31, 2007, covering a large spectrum of hot research topics. As in previous editions of ECOOP, numerous scientists from academia and industry took the chance to present innovative and topical ideas in an environment offering optimal conditions for exciting discussions and fruitful interactions.

The Workshop Reader which contains the reports from the workshops has been a substantial part of the ECOOP conference for more than 10 years. During the pre-conference phase the workshop organizers are invited to author a report about their workshops where they have the opportunity to describe the state of the art, the discussions and the trends in the fields of their workshop. In addition some of the organizational aspects may be discussed.

This volume collects 19 reports from high-quality workshops whose topics were related to selected aspects in the field of object-oriented programming and technology. Following the example of previous workshop readers we introduced some notions in order to establish thematic clusters. These notions are (1) Programming Languages, (2) Aspects, (3) Formal Techniques, Roles, Components, (4) Software Engineering, and (5) Applications.

Three months after the conference we are now able to present the reports which describe the state of the art, the discussions and the relevant trends in the research fields addressed by the workshops. In sum, each of these reports thus contributes to a panoptic overview of the current tendencies in the lively field of object-oriented programming and technology. Readers from academia and industry who want to be informed about the current developments in this research area thus can highly profit from this volume.

This Workshop Reader of ECOOP 2007 is the result of the cooperation of a large group of people, which includes the workshop organizers, the co-authors of the reports and the participants who contributed to the workshops with their presentations and statements. Further, I wish to thank the Workshop Chairs Peter Pepper and Arnd Poetzsch-Heffter and the members of the Workshop Selection Committee. I am also indebted to Doris Fähndrich for her support.

November 2007

Michael Cebulla
Organization

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