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ECOOP 2006 – Object-Oriented Programming

20th European Conference
Nantes, France, July 3-7, 2006
Proceedings

Volume Editor

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Library of Congress Control Number: Applied for

CR Subject Classification (1998): D.1, D.2, D.3, F.3, C.2, K.4, J.1

LNCS Sublibrary: SL 2 – Programming and Software Engineering

ISSN 0302-9743

ISBN-10 3-540-35726-2 Springer Berlin Heidelberg New York

ISBN-13 978-3-540-35726-1 Springer Berlin Heidelberg New York

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Springer is a part of Springer Science+Business Media

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© Springer-Verlag Berlin Heidelberg 2006

Printed in Germany

Typesetting: Camera-ready by author, data conversion by Scientific Publishing Services, Chennai, India

Printed on acid-free paper SPIN: 11785477 06/3142 5 4 3 2 1 0

Preface

The 20th Anniversary of ECOOP was held in Nantes, France, July 3-7, 2006. For 20 years ECOOP has been a leading conference in Europe. Each year ECOOP brings together researchers, graduate students, and software practitioners to exchange ideas, progress, and challenges. The conference covered the full spectrum of the field with many sessions to accommodate the varied interests of the participants including outstanding invited speakers, refereed technical papers, tutorials, workshops, demonstrations, and a poster session.

This year, the Program Committee received 162 submissions, covering the entire spectrum of object-orientation: aspects, modularity and adaptability; architecture and patterns; components, frameworks and product lines; concurrency, real-time and embedded; mobility and distribution; collaboration and workflow, domain specific, dynamic, multi-paradigm and constraint languages; HCI and user interfaces; language innovations; compilation and virtual machines; methodology, process and practices; model engineering, design languages and transformations; persistence and transactions; theoretical foundations; and tools. The PC committee accepted 20 papers for publication after a careful and thorough reviewing process. Papers were evaluated based on significance, originality, and soundness.

Eric Jul, Chair of the Selection Committee, presented the Dahl-Nygaard Prize to Erich Gamma, Richard Helm, Ralph Johnson, and (posthumously) to John Vlissides, popularly known as the “Gang of Four.” Their significant practical work on design patterns changed the vocabulary and best practices in our software development.

Erich Gamma, Serge Abiteboul, and Ralph Johnson presented invited talks which complimented the technical papers. A highlight of this 20th ECOOP was the special anniversary invited panel that provided their perspectives on our field. The invited talks and the special panel papers are published in the proceedings.

ECOOP 2006’s success was due to the dedication of many people. First I would like to thank the authors for submitting a high number of quality papers. The selection of a subset of papers to be published from these took a lot of careful reviewing and discussion. Secondly I would like to thank our invited speakers and panelists for their contributions. They provided a rich context for discussions and future directions. I would like to thank the members of the Program Committee for their careful reviews, and for thorough and balanced discussions during the selection process, which was held February 2-3 in Paris. I thank the General Chairs of the conference, Pierre Cointe and Jean Bézivin, for organizing the conference and Antoine Beugnard and Thomas Ledoux, Tutorial Co-chairs, Charles Consel and Mario Südholt, Workshop Co-chairs, Julien Cohen and Hervé Grall, Demonstration and Poster Co-chairs. Special thanks to Jean-François Perrot for organizing the invited 20th anniversary panel.

Organization

ECOOP 2006 was organized by the Computer Science Department of the Ecole des Mines de Nantes, the University of Nantes, the CNRS LINA laboratory and by INRIA, under the auspices of AITO (Association Internationale pour les Technologies Objets), and in cooperation with ACM SIGPLAN and SIGSOFT.



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