Mira Mezini (Ed.)

ECOOP 2011 – Object-Oriented Programming

25th European Conference
Lancaster, UK, July 25-29, 2011
Proceedings

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Preface

It is an honor and a pleasure to write this preface to the proceedings of the 25th European Conference on Object-Oriented Programming (ECOOP 2011) held in Lancaster, UK.

ECOOP is the premier European conference on object-oriented programming and related software development paradigms. The ECOOP research track brings together leading researchers and practitioners working in the fields of software engineering, programming languages, and software systems. This year, it consisted of 26 papers included in these proceedings, which the Program Committee carefully selected from a total of 100 submitted papers.

Each paper received at least three reviews from a Program Committee consisting of 30 internationally reputed researchers. A long and intensive virtual discussion was conducted after the first versions of the reviews were available and prior to an author response period, during which the authors had the opportunity to respond to reviews in depth and without a-priori length limit to clear up misunderstandings or to answer questions specifically posed by reviewers. The response period was followed by another series of online discussions rounded off by a Program Committee meeting late February in Darmstadt, where final decisions were made. The Champion pattern was used: for a paper to be accepted at least one manifest proponent is required. Program Committee members were allowed to submit a paper, but these were subjected to a higher level of scrutiny.

The selected program reflected how ECOOP brings together different communities around the theme of software development paradigms and tools. There were papers that presented very interesting findings resulting from comprehensive empirical studies. Another group of papers were dedicated to approaches, techniques, and tools for assisting software developers in using APIs, or evolving software systems. Aliasing and ownership were also prominent topics in the program as well as other traditionally represented topics at ECOOP editions such as types, memory and runtime optimization techniques, modeling, refactoring, and exception handling. A very interesting group of papers concerned with various aspects of modularity rounded up a very strong and diverse program.

I would like to thank the many authors who contributed by submitting a paper, in spite of the high requirements. I would like to express my profound gratitude and my highest respect to the members of the Program Committee that put an incredible amount of effort to enable a critical but fair selection and to provide thorough and constructive feedback to the authors. Many thanks also to all co-reviewers who generously shared their expertise during the evaluation process. Richard van de Stadt of Borbala Online Conference Services provided superb support, going far beyond the call of duty. Gudrun Harris, Eric Bodden and Martin Monperrus assisted with all organizational aspects of the Program Committee meeting, as did many other members of the Software Technology team of Darmstadt University of Technology, Germany.
Continuing the tradition of previous conferences, ECOOP 2011 was more than just the research track: it included keynote speeches by this year’s Dahl-Nygaard Prize winners, Craig Chambers and Atsushi Igarashi, a keynote speech by Erik Meijer, a banquet speech by the Turing Award winner, Alan Key, an excellent summer school program, several workshops, demonstrations, social events and more.

May 2011

Mira Mezini
Organization

ECOOP 2011 was organized by the School of Computing and Communications, Science and Technology Department at Lancaster University, under the auspices of AITO (Association Internationale pour les Technologies Objets), and in cooperation with ACM SIGPLAN and ACM SIGSOFT.

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<table>
<thead>
<tr>
<th>Name</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Felix Geller</td>
<td>Patrick Michel</td>
</tr>
<tr>
<td>Michaela Greiler</td>
<td>Filipe Militão</td>
</tr>
<tr>
<td>Michael Haupt</td>
<td>Matthew Parkinson</td>
</tr>
<tr>
<td>Florian Heidenreich</td>
<td>Gilles Perrouin</td>
</tr>
<tr>
<td>Michael Hicks</td>
<td>Michael Perscheid</td>
</tr>
<tr>
<td>Ciera Jaspan</td>
<td>Hesam Samimi</td>
</tr>
<tr>
<td>Niels Joncheere</td>
<td>Ina Schaefer</td>
</tr>
<tr>
<td>Andy Kellens</td>
<td>Jan Schäfer</td>
</tr>
<tr>
<td>Andrew Kennedy</td>
<td>Stefan Sobering</td>
</tr>
<tr>
<td>Charles E. Killian</td>
<td>Bastian Steinert</td>
</tr>
<tr>
<td>Matthias Kleine</td>
<td>Sven Stork</td>
</tr>
<tr>
<td>Robert Krahn</td>
<td>Joshua Sunshine</td>
</tr>
<tr>
<td>Neelakantan R. Krishnaswami</td>
<td>Gerson Sunyé</td>
</tr>
<tr>
<td>Martin Kuhlemann</td>
<td>Thomas Thüm</td>
</tr>
<tr>
<td>Ilham Kurnia</td>
<td>Stijn Timbermont</td>
</tr>
<tr>
<td>Christian Kästner</td>
<td>Salvador Trujillo</td>
</tr>
<tr>
<td>Giovanni Lagorio</td>
<td>Veronica Uquillas-Gomez</td>
</tr>
<tr>
<td>Gary Leavens</td>
<td>Tom Van Cutsem</td>
</tr>
<tr>
<td>Jens Lincke</td>
<td>Yannick Welsch</td>
</tr>
<tr>
<td>Andoni Lombide Carreton</td>
<td>Roger Wolff</td>
</tr>
</tbody>
</table>
Table of Contents

Keynote 1

A Co-relational Model of Data for Large Shared Data Banks .......... 1  
Erik Meijer

Empirical Studies

An Empirical Study of Object Protocols in the Wild ................. 2  
Nels E. Beckman, Duri Kim, and Jonathan Aldrich

The Beauty and the Beast: Separating Design from Algorithm ......... 27  
Dmitrijs Zaparanuks and Matthias Hauswirth

The Eval That Men Do: A Large-Scale Study of the Use of Eval in  
JavaScript Applications........................................... 52  
Gregor Richards, Christian Hammer, Brian Burg, and Jan Vitek

Mining, Understanding, Recommending

Using Structure-Based Recommendations to Facilitate Discoverability  
in APIs ................................................................. 79  
Ekwa Duala-Ekoko and Martin P. Robillard

Mining Evolution of Object Usage .................................. 105  
Yana Momchilova Mileva, Andrzej Wasylkowski, and Andreas Zeller

Improving the Tokenisation of Identifier Names ....................... 130  
Simon Butler, Michel Wermelinger, Yijun Yu, and Helen Sharp

Modularity

Revisiting Information Hiding: Reflections on Classical and Nonclassical  
Modularity .......................................................... 155  
Klaus Ostermann, Paolo G. Giarrusso, Christian Kästner, and  
Tillmann Rendel

Worlds: Controlling the Scope of Side Effects ....................... 179  
Alessandro Warth, Yoshiki Ohshima, Ted Kaehler, and Alan Kay

Can We Avoid High Coupling? ....................................... 204  
Craig Taube-Schock, Robert J. Walker, and Ian H. Witten
## Keynote 2

**Expressiveness, Simplicity, and Users** ........................................ 229
*Craig Chambers*

## Modelling and Refactoring

**CDDiff: Semantic Differencing for Class Diagrams** ...................... 230
*Shahar Maoz, Jan Oliver Ringert, and Bernhard Rumpe*

**A Refactoring Constraint Language and Its Application to Eiffel** ...... 255
*Friedrich Steimann, Christian Kollee, and Jens von Pilgrim*

**Modal Object Diagrams** ............................................................... 281
*Shahar Maoz, Jan Oliver Ringert, and Bernhard Rumpe*

## Aliasing and Ownership

**Types, Regions, and Effects for Safe Programming with Object-Oriented**
**Parallel Frameworks** ................................................................. 306
*Robert L. Bocchino Jr. and Vikram S. Adve*

**Tunable Static Inference for Generic Universe Types** .................. 333
*Werner Dietl, Michael D. Ernst, and Peter Müller*

**Verifying Multi-object Invariants with Relationships** ................. 358
*Stephanie Balzer and Thomas R. Gross*

## Memory Optimizations

**Patterns of Memory Inefficiency** .................................................. 383
*Adriana E. Chis, Nick Mitchell, Edith Schonberg, Gary Sevitsky, Patrick O’Sullivan, Trevor Parsons, and John Murphy*

**Reuse, Recycle to De-bloat Software** .......................................... 408
*Suparna Bhattacharya, Mangala Gowri Nanda, K. Gopinath, and Manish Gupta*

## Keynote 3

**A Featherweight Approach to FOOL** ............................................ 433
*Atsushi Igarashi*

## Types

**Related Types** ............................................................................... 434
*Johnni Winther and Michael I. Schwartzbach*
Gradual Typestate .................................................. 459
Roger Wolff, Ronald Garcia, Éric Tanter, and Jonathan Aldrich

Maintaining Database Integrity with Refinement Types ............. 484
Ioannis G. Baltopoulos, Johannes Borgström, and Andrew D. Gordon

Runtime and Memory Optimizations

Frequency Estimation of Virtual Call Targets for Object-Oriented
Programs .............................................................. 510
Cheng Zhang, Hao Xu, Sai Zhang, Jianjun Zhao, and Yuting Chen

Counting Messages as a Proxy for Average Execution Time in Pharo ... 533
Alexandre Bergel

Summarized Trace Indexing and Querying for Scalable Back-in-Time
Debugging .............................................................. 558
Guillaume Pothier and Éric Tanter

Exceptions

Interprocedural Exception Analysis for C++ ........................ 583
Prakash Prabhu, Naoto Maeda, Gogul Balakrishnan,
Franjo Ivančić, and Aarti Gupta

Detecting and Escaping Infinite Loops with Jolt .................... 609
Michael Carbin, Sasa Misailovic, Michael Kling, and
Martin C. Rinard

Atomic Boxes: Coordinated Exception Handling with Transactional
Memory ............................................................. 634
Derin Harmanci, Vincent Gramoli, and Pascal Felber

Author Index .......................................................... 659