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Engineering Distributed Objects

Second International Workshop, EDO 2000
Davis, CA, USA, November 2-3, 2000
Revised Papers



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Preface

EDO 2000 was the second international workshop on software engineering for distributed object systems. EDO 2000 was a continuation of EDO'99, the first workshop in this series, which was held in conjunction with ICSE '99.

Distributed object technologies – as exemplified by CORBA and the CORBA Services, COM+, EJB, and the J2EE – are increasingly being adopted by various enterprises as a fundamental technology for their IT infrastructures. As a consequence, extensive industry practice of using the technologies is being gained. At the same time, the technologies continue to advance and new functionality and services continue to be introduced.

In order to use the existing and emerging functions of distributed object technologies effectively, and to better meet today's demanding business and computing requirements, advances in software engineering methods and techniques for distributed objects are strongly needed. Software engineering for distributed objects is the research area that provides solutions of proven practice for issues and problems that are unique to systems employing distributed object technologies. EDO is the premier workshop that brings together the research and practice community of software engineering for distributed objects.

We received about 30 submissions and the international program committee selected 15 papers. We clustered accepted papers into sessions and the authors of these papers championed the sessions and took a lead in the discussions. The workshop organizers selected particular authors to give brief presentations that were aimed to kick off the discussion in each session. The result of the different sessions was summarized at the end of the workshop and these session summaries are included in these proceedings.

Also in tradition with the workshop series, we had an invited industrial presentation. This year Walter Schwarz talked about an enterprise application integration project in the financial domain that deployed a judicious combination of distributed object middleware and markup languages to achieve integration of financial trading systems.

December 2000

Wolfgang Emmerich and Stefan Tai
Program Co-chairs
EDO 2000

Program Committee

Organization

Conference Chair: Volker Gruhn, University of Dortmund, Germany
Program Co-chairs: Wolfgang Emmerich, University College London, UK
Stefan Tai, IBM Watson Research, U.S.A.
Organizing Chair: Prem Devanbu, University of California, Davis, U.S.A.

Referees

Jean Beziun, University of Nantes, France
Gordon Blair, Lancaster University, UK
Alfred Bröckers, Adesso GmbH, Germany
Peter Croll, University of Wollongong, Australia
Elisabetta Di Nitto, Politecnico di Milano, Italy
Alfonso Fuggetta, Politecnico di Milano, Italy
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