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Component-Based Software Engineering

13th International Symposium, CBSE 2010
Prague, Czech Republic, June 23-25, 2010
Proceedings

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Preface

The 2010 Symposium on Component-Based Software Engineering (CBSE 2010) was the 13th in a series of successful events that have grown into the main forum for industrial and academic experts to discuss component technology. CBSE is concerned with the development of software-intensive systems from independently developed software-building blocks (components), the development of components, and system maintenance and improvement by means of component replacement and customization. The aim of the conference is to promote a science and technology foundation for achieving predictable quality in software systems through the use of software component technology and its associated software engineering practices.

In line with a broad interest, CBSE 2010 received 48 submissions. From these submissions, 14 were accepted after a careful peer-review process followed by an online program committee discussion. This resulted in an acceptance rate of 29%. The selected technical papers are published in this volume. For the fourth time, CBSE 2010 was held as part of the conference series: Federated Events on Component-Based Software Engineering and Software Architecture (COMPARCH). The federated events were: the 13th International Symposium on Component-Based Software Engineering (CBSE 2010), the 6th International Conference on the Quality of Software Architectures (QoSA 2010), and the 1st International Symposium on Architecting Critical Systems (ISARCS 2010). Together with COMPARCH's Industrial Experience Report Track and the co-located Workshop on Component-Oriented Programming (WCOP 2010), COMPARCH provided a broad spectrum of events related to components and architectures. A new feature this year was the role of WCOP as a doctoral symposium for COMPARCH. This created a clear borderline between CBSE as a research-oriented conference with well-validated research results as contributions and WCOP as an entry-level scientific event for young researchers.

Among the many people who contributed to the success of CBSE 2010, we would like to thank the members of the Program Committees for their valuable work during the review process. We also wish to thank the ACM Special Interest Group on Software Engineering (SIGSOFT) for its sponsorship.

March 2010

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