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IFIP – The International Federation for Information Processing

IFIP was founded in 1960 under the auspices of UNESCO, following the First World Computer Congress held in Paris the previous year. An umbrella organization for societies working in information processing, IFIP's aim is two-fold: to support information processing within its member countries and to encourage technology transfer to developing nations. As its mission statement clearly states,

IFIP's mission is to be the leading, truly international, apolitical organization which encourages and assists in the development, exploitation and application of information technology for the benefit of all people.

IFIP is a non-profitmaking organization, run almost solely by 2500 volunteers. It operates through a number of technical committees, which organize events and publications. IFIP's events range from an international congress to local seminars, but the most important are:

- The IFIP World Computer Congress, held every second year;
- Open conferences;
- Working conferences.

The flagship event is the IFIP World Computer Congress, at which both invited and contributed papers are presented. Contributed papers are rigorously refereed and the rejection rate is high.

As with the Congress, participation in the open conferences is open to all and papers may be invited or submitted. Again, submitted papers are stringently refereed.

The working conferences are structured differently. They are usually run by a working group and attendance is small and by invitation only. Their purpose is to create an atmosphere conducive to innovation and development. Refereeing is less rigorous and papers are subjected to extensive group discussion.

Publications arising from IFIP events vary. The papers presented at the IFIP World Computer Congress and at open conferences are published as conference proceedings, while the results of the working conferences are often published as collections of selected and edited papers.

Any national society whose primary activity is in information may apply to become a full member of IFIP, although full membership is restricted to one society per country. Full members are entitled to vote at the annual General Assembly, National societies preferring a less committed involvement may apply for associate or corresponding membership. Associate members enjoy the same benefits as full members, but without voting rights. Corresponding members are not represented in IFIP bodies. Affiliated membership is open to non-national societies, and individual and honorary membership schemes are also offered.

Pär Ågerfalk Cornelia Boldyreff
Jesús M. González-Barahona
Gregory R. Madey John Noll (Eds.)

Open Source Software: New Horizons

6th International IFIP WG 2.13 Conference
on Open Source Systems, OSS 2010
Notre Dame, IN, USA, May 30 – June 2, 2010
Proceedings

Volume Editors

Pär Ågerfalk
Uppsala University
75120 Uppsala, Sweden
E-mail: par.agerfalk@im.uu.se

Cornelia Boldyreff
University of East London
London E16 2RD, UK
E-mail: c.boldyreff@uel.ac.uk

Jesús M. González-Barahona
Universidad Rey Juan Carlos de Madrid
28933 Móstoles, Spain
E-mail: jgb@gsync.escet.urjc.es

Gregory R. Madey
University of Notre Dame
Notre Dame, IN 46556, USA
E-mail: gmadey@nd.edu

John Noll
Lero - The Irish Software Engineering Research Centre
Limerick, Ireland
E-mail: john.noll@lero.ie

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General Chairs' Foreword

Welcome to the 6th International Conference on Open Source Systems of the IFIP Working Group 2.13. This year was the first time this international conference was held in North America. We had a large number of high-quality papers, highly relevant panels and workshops, a continuation of the popular doctoral consortium, and multiple distinguished invited speakers. The success of OSS 2010 was only possible because an Organizing Committee, a Program Committee, Workshop and Doctoral Committees, and authors of research manuscripts from over 25 countries contributed their time and interest to OSS 2010. In the spirit of the communities we study, you self-organized, volunteered, and contributed to this important research forum studying free, libre, open source software and systems. We thank you!

Despite our modest success, we have room to improve and grow our conference and community. At OSS 2010 we saw little or no participation from large portions of the world, including Latin America, Africa, China, and India. But opportunities to expand are possible. In Japan, we see a hot spot of participation led by Tetsuo Noda and his colleagues, both with full-paper submissions and a workshop on “Open Source Policy and Promotion of IT Industries in East Asia.” The location of OSS 2011 in Salvador, Brazil, will hopefully result in significant participation from researchers in Brazil – already a strong user of OSS – and other South American countries. Under the leadership of Megan Squire, Publicity Chair, we recruited Regional Publicity Co-chairs covering Japan (Tetsuo Noda), Africa (Sulayman Sowe), the Middle East and South Asia (Faheen Ahmed), Russia and Eastern Europe (Alexey Khoroshilov), Western Europe (Yeliz Eseryel), UK and Ireland (Andrea Capiluppi), and the Nordic countries (Björn Lundell). Finally, the future of our community is in the newly emerging researchers, the doctoral students learning the art and craft of scholarly research on OSS topics. They had an opportunity to present their research plans and work-in-progress papers at the doctoral consortium, organized by Kris Ven, Walt Scacchi, and Jen Verelst. Special thanks go to Kevin Crowston for obtaining National Science Foundation (USA) support for the doctoral consortium.

Our planning and organization of OSS 2010 benefited greatly from the experience and advice of organizers of previous conferences. We thank Scott Hissam, Björn Lundell, Anthony Wasserman, Walt Scacchi, Joseph Feller, and Kevin Crowston for their generous time, encouragement, and advice. We also thank Petrinja Etiel and Joseph Feller who served as Tutorial and Panels Chairs, respectively. We also thank the officers of IFIP Working Group 2.13 (Giancarlo Succi, Walt Scacchi, Ernesto Damiani, Scott Hissam, and Pär J. Ågerfalk) for permitting us to move OSS 2010 to North America, given some of the challenges of doing so.

Our greatest attribution and appreciation for the success of OSS 2010 goes to John Noll and his Co-program Chairs (Cornelia Boldyreff and Pär J. Ågerfalk) for the work they did managing the review process, the paper submission server at Lero, and the preparation of the proceedings and program.

Finally, we still have to mention the main contributor to OSS 2010: the FLOSS (free, open source software) development community. Without it, our conference would not be possible. Our thanks go to all those developers for offering all of us such an interesting field of study.

Gregory R. Madey
Jesús M. González-Barahona

Program Chairs' Foreword

We are very pleased to present the proceedings of the 6th International Conference on Open Source Systems. This year's proceedings include 23 full papers selected from 51 submissions. As in previous years, this year's papers represent a broad range of perspectives on open source systems, ranging from software engineering through organizational issues to law. In a nod to the highly successful conference in Limerick (OSS 2007), this year we included 17 short papers in the program as well (Part II). Five workshop abstracts (Part III) and four panel descriptions (Part IV) round out the proceedings contents, for what we hope will be a highly engaging and useful volume.

We would like to thank the members of the Program Committee for their hard work reviewing papers under this year's shortened review schedule, and especially those who agreed to do additional reviews after the first reviewing cycle: Matthew van Antwerp, Andres Baravalle, Sarah Beecham, Karl Beecher, Padmanabhan Krishnan, Gregory R. Madey, Felipe Ortega, Gregorio Robles, Maha Shaik, Carlos Solis, Klaas-Jan Stol, and Andrea Wiggins. We would also like to thank the General Chairs - Gregory R. Madey and Jesús M. González-Barahona - for organizing the first IFIP WG 2.13 meeting in North America.

John Noll
Cornelia Boldyreff
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