Eclipse-IT 2008

3rd Italian Workshop on Eclipse Technologies

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Online Proceedings

Filippo Lanubile (Ed.)

Preface

Eclipse was initially designed as an integrated development environments (IDEs) for object-oriented application development. Today Eclipse is an open source community whose projects are focused on building an open development platform comprised of extensible frameworks, tools and runtimes for building, deploying and managing software across the lifecycle.

The Italian Workshop on Eclipse Technologies (Eclipse-IT 2008) is the third yearly meeting of the Eclipse Italian Community which includes universities and industries, researchers and practitioners, students and professionals, all joined by the interest in experimenting, extending, and supporting the Eclipse platform.

This year, we selected 10 technical papers which describe innovative uses of the Eclipse technology for research, teaching and industry projects. We have also included an Education Track session, organized by Donato Malerba, which includes demonstrations of Eclipse-based applications and plugins developed by students.

There are also two keynote speakers who will enrich the workshop program: John Kellerman and Janet Campbell. The former was a founding member of the Eclipse project and is a member of the Eclipse Foundation Board of Directors. John is currently Senior Product Manager for Jazz and Eclipse at IBM. Janet Campbell is Legal Counsel & Manager, Intellectual Property at the Eclipse Foundation and responsible for leading the review and approval of the Intellectual Property proposed for inclusion in Eclipse.

I would like to thank the authors for submitting their papers, the members of the Program Committee and additional reviewers for their careful reviews, and the entire Eclipse Italian Community, chaired by Paolo Maresca, for the support and promotion of the workshop. Our thanks also go to Donato Malerba, who encouraged the active participation of students through the organization of the Education Track session; Fabio Fumarola, who maintained the conference web site; CIC Sud – specifically Olimpia Cassano, Luisella Berardi and Simona Strippoli - for organizing local arrangements and managing the workshop incomes and expenses. Finally, I would like to thank our institutional and industrial supporters for their financial support which allowed free participation of students to the workshop.

I hope that you find this program interesting and that the workshop will provide you with a valuable opportunity to share ideas and experiences with both newcomers and skilled members of the Eclipse Italian Community.

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Keynote 1

Eclipse at IBM, Past, Present, and Future

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Abstract. In this keynote speech, John will look back to the genesis of the work that led to the Eclipse open source project and the critical thinking that went into that decision. He'll bring that thinking forward to discuss what Eclipse means for IBM today and how IBM manages it's Eclipse operations. Finally, John will look ahead to how Eclipse continues to intersect IBM's product plans and strategies.

Biography

John joined IBM in 1984 with a computer science degree from Purdue University. He's since completed graduate degrees in Computer Engineering at North Carolina State and Business Administration at the University of North Carolina – Chapel Hill. He has spent the majority of his years at IBM in the development and management of application development tool products, including ISPF/PDF, VisualAge Smalltalk, Eclipse, and Jazz. John was a founding member of the Eclipse project and is a member of the Eclipse Foundation Board of Directors. He is currently Senior Product Manager for Jazz and Eclipse at IBM. Finally, John co-authored the award winning book, Java Developer's Guide to Eclipse. See www.jdg2e.com.

Keynote 2

IP Issues in Open Source:
What Vendors and IT Buyers Need to Know

Janet Campbell

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Abstract. While being extremely easy to obtain, Open Source Software comes with its own set of IP issues. Buyers and vendors need to be aware of the different types of open source licenses and how different open source communities deal with IP issues. This session will first discuss the different styles of open source licenses and their implications on use within an enterprise or a vendor. It will also discuss the best practices used by the Eclipse Foundation, a leading open source community, to ensure the Eclipse open source projects address many of the IP issues. Attendees of this session will gain a better appreciation for how to deal with the risk and benefits of open source IP.

Biography

Janet Campbell is Legal Counsel & Manager, Intellectual Property at the Eclipse Foundation and responsible for leading the review and approval of the Intellectual Property proposed for inclusion in Eclipse.

Acknowledgements