

The 3rd Workshop on Open Source Software Engineering

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Abstract

Building on the success of “Making Sense of the Bazaar” and “Meeting Challenges and Surviving Success” – the 1st and 2nd Workshops on Open Source Software Engineering (ICSE 2001 and ICSE 2002) – this workshop (“Taking Stock of the Bazaar”) brings together researchers and practitioners for the purpose of discussing the diverse array of techniques – as well as supporting tools and social/organizational contexts – which can be observed in the domain of open source software.

1. Introduction

Over the past five years, a substantial and diverse research literature on open source software (OSS) has emerged, including collections of peer-reviewed papers [e.g. 2,3,4], book length studies [e.g. 1], technical reports [e.g. 5] and virtual research communities [e.g. 6].

Despite the constantly growing body of research on OSS, our knowledge of the open source family of software engineering processes is far from complete, a point raised repeatedly by the participants of the first two workshops in this series. To address this knowledge gap, the 3rd workshop will facilitate the informed discussion of the key tools, techniques and contexts which can be observed in OSS development communities. Participants will be encouraged to address the processes which are involved in critical activities such as requirements gathering, analysis and design, leadership and decision

making; coordination and collaboration; configuration management; testing and quality assurance; release management; debugging; documentation and support; translation and localization, etc.

2. Workshop Themes

The discussions will be organized around three key themes:

1. OSS tool kits and their use in addressing both general and OSS-specific software engineering challenges.
2. Techniques (both successful and not) utilized at any stage in the software engineering life-cycle within OSS projects.
3. Social and organizational structures that support the effective and efficient use of these tools and techniques.

3. Workshop Format

The 3rd Workshop on Open Source Software Engineering is an open, one-day workshop, with a maximum number of 40 participants. Accepted position papers will be published both in the workshop proceedings and on the workshop website at <http://opensource.ucc.ie/icse2003>. Authors of accepted papers will be given priority for workshop registration.

The workshop will include four mini-presentations, delivered by selected participants, and four open discussion sessions. As was the case for the first two

workshops in this series, there will be a post-workshop debriefing following the close of the workshop day.

4. Organizing Committee

- Joseph Feller, PhD (Chair) – Business Information Systems, University College Cork, Ireland.
- Brian Fitzgerald, PhD – Frederick A. Krehbiel II Chair in Innovation in Global Business & Technology, Computer Science and Information Systems, University of Limerick, Ireland.
- Scott A. Hissam – Software Engineering Institute, Carnegie Mellon University, PA, USA.
- Karim R. Lakhani – MIT Sloan School of Management, and The Boston Consulting Group, MA, USA.

5. References

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