

A Joint Workshop of QACOS and OSSPL

Collocated with OSS 2009, Skövde, Sweden

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Important Dates for Paper Submissions

Full paper submission: February 24, 2009

Notification of Acceptance: March 8, 2009

Camera-Ready Version: March 20, 2009

Call for Papers

The Open Source Software (OSS) movement, which originated from a pragmatic need to share code among individuals, has grown to become a major force behind inter-organizational reuse of platforms, components and code. However, there are several research questions that remained unanswered. Some of these questions are:

- What are the challenges of quality assurance of open source components?
- How can the cost and impact of using low quality components be measured?
- What is known about the architectural approaches that support seamless integration of open source components?
- What is currently known about the strengths and limitations of quality assurance and quality assessment approaches being used for selecting open source components?
- How to improve architecture and quality information exchange between open source communities and OSS component users?

This workshop aims at bringing together both researchers and practitioners from open source software, software architecture, and software quality backgrounds to discuss the importance and challenges of quality assurance, quality assessment, and architectural concerns involved in selecting and using open source components in large scale software intensive systems. The overall goal of the workshop is to develop a common research agenda based on inputs from three communities to identify the research issues that should be addressed in the short to long term. This event will also provide a platform to present mature and ongoing research aimed at:

- Bridging the gap between practitioners (open sources and commercial) and researchers on the selection, use and/or integration of open source components into in-house software for building product lines;
- Combining the advantages of open source, software quality, architecture-centric approaches, and software product lines.

The workshop solicits submissions that encompass quality and architectural issues in developing and using open source software.

Papers must be submitted electronically via the QACOS/OSSPL 2009 Submission Page. Please follow the instructions posted on the workshop web site. The format of submitted papers should follow the guidelines for main OSS 2009 conference. All papers will be carefully reviewed by at least three reviewers. Acceptance and final category depends on reviewer feedback. Contribution may include:

- Full research papers (max 8 pages)
- Short papers – research-in-progress, industrial experience, problem description (max 6 pages)
- Position papers – (max 2 pages)

Accepted papers will be published in the Workshop Proceedings. Submitting a paper to the joint QACOS/OSSPL Workshop represents the author's agreement to allow the Workshop Chairs to publish the paper in the Workshop Proceedings without compensation to the author. The parties understand that the author is granting a nonexclusive license and all copyrights remain the property of the author. At least one of the authors of each accepted paper must register as a full participant in the workshop and the main OSS 2009 conference to have the paper published in the Workshop Proceedings. For further information, please visit the workshop Website: <http://www.lero.ie/qacososspl09>.