Wikis4SE'2009: Wikis for Software Engineering

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ABSTRACT
Due to the simplicity, attractiveness and effectiveness for collaborative authoring and knowledge management, wikis are now massively disseminated and used in different domains. This workshop focuses on wikis for the specific domain of software engineering. It aims at bringing together researchers, practitioners, and enthusiasts interested on researching, exploring and learning how wikis can be improved, customized and used to better support software engineering. Based on lessons learned and obstacles identified, a research agenda will be defined with key opportunities and challenges. This edition at WikiSym'2009 follows others at ICSE'2009, WikiSym'2008 and WikiSym'2007.

Categories and Subject Descriptors
D.2.6 [**Software Engineering**]: Programming Environments; I.7.2 [**Document And Text Processing**]: Document Preparation—Hypertext/Hypermedia, Markup Languages

General Terms
Wikis for software engineering

Keywords
Wikis, software development, collaboration, documentation.

1. MAIN THEME
Wikis are now widely spread on the web, especially in the software community [1]. They run on many different platforms, and are used to publish pages of different knowledge domains.

A large amount of the software documentation produced today is web-based. Since wikis provide a very effective environment for collaborative authoring of web-based documents, wikis are mainly used to support the edition, organization and storage of software documentation. But wikis can do more. They may be used to support other software engineering activities and even to inspire new ways of developing software.

This workshop focuses precisely on the usage of wikis to support software engineering activities, to improve team collaboration and communication in software projects, and identifying the open issues requiring research and development to yield an even wider usage and better integration of wikis with other software engineering tools and infrastructures.

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2. AIMS AND OBJECTIVES
The workshop aims at bringing together researchers and practitioners interested in exploring wikis as a cost-effective tool to support software engineering activities, and the production, organization and publication of software artifacts.

The goal is to learn from the knowledge and experience gained on using wikis in software projects, and based on that to identify best practices, issues, obstacles, key opportunities and challenges that could lead to the definition of an agenda and collaborations for future research.

3. TOPICS
Interesting topics for contribution are essential features of wikis for software engineering, demonstrations of integrating wikis with other software engineering tools (IDE's, test tools, Q&A tools, version-control systems, project management tools, communication tools, workflow systems, etc.); and knowledge management for software projects using wikis.

Particularly relevant for this edition are positions and contributions related to the following questions:

- How to improve the wiki way in software development?
- What is missing in today's software development to empower the wiki way?

Contributions for the workshop are mainly position statements and participation in group discussions.

4. PROGRAM
The workshop will follow an open format in order to promote discussion and wide participation [2].

The workshop will start by welcoming the participants and providing them with an overview of the workshop's objectives. An opening talk will motivate for the main workshop's theme. After group discussions about the current state-of-the-art on wikis for software engineering, and new ways of using them, a workshop wrap-up will summarize the results and define research actions and participants.

References
[1] WikiSym - The International Symposium on Wikis and Open Collaboration, available at http://www.wikisym.org.

[2] Wikis for Software Engineering, available at http://www.wikis4se.