

IET Software Call for Papers

SPECIAL ISSUE ON: Social Semantic Web Support for Software Development



The spread of information systems in organisational environments in recent years has turned their development into a critical task for corporations. Additionally, the globalisation of technologies, such as the internet and its subsequent reinvention as the web 2.0, has led to a scenario where the possibilities for reuse and transfer of SE products are multiplied, and transcend organisational boundaries. Globalisation and participation have opened up infinite opportunities for exploiting the capacities which a network of users can contribute to the software development process. Web 2.0 is seen as a new deal for software management. In this new web 2.0 or social web, the arrival of the Semantic Web represents a revolution for the form of access and storage of information that can enable knowledge management and knowledge sharing among organisations.

The aim of this Special Issue is to bring an overview of success cases as well as tools and methods to enable the use of Social Semantic Web in software development teams. This use can be applied as a support for software development process, as a way to assess documents, personnel enrollment, requirements and knowledge reuse. The social semantic web is a new environment in which both organisations and software professionals could foster expertise sharing and enable co-creation.

Topics of interests include, but are not limited to, the following subject categories:

- social semantic web knowledge management in software engineering projects
- semantic web driven software engineering
- ontology-based software engineering environments
- teaming and staffing in software projects through social and semantic web
- requirements and software specification supported by social and semantic web
- software artifacts semantic annotation tools and methods
- co-creation software processes enabled by social and semantic web

All papers must be submitted through the journal's Manuscript Central system:
<http://mc.manuscriptcentral.com/iet-sen>

Schedule

Deadline for submission of papers: 15 April 2010
Authors to receive a 1st decision by: 15 July 2010
Final notification of acceptance: 15 October 2010
On-line and print publication: December 2010

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