EDOC 2008 Panel

"Industrial Standards for Web Services: Achieved Results and Challenges for the Future"

Abstract:

Web services are distributed computing application components that use a number of Extensible Markup Language (XML) based technologies to implement the service-oriented architecture (SOA). Implementation-independence of Web services technologies allows different businesses to collaborate and achieve common business goals despite the fact that the collaborating Web services can be distributed over the Internet, run on different platforms, and implemented in different programming languages. Web service technologies are already embedded in various products and services of all major computing companies and used for diverse purposes in enterprise computing.

Many Web service related technologies are standardized by various industrial standardization bodies (e.g., the World Wide Web Consortium - W3C, the Organization for the Advancement of Structured Information Standards - OASIS, the Object Management Group - OMG, and others). Some Web service technologies are not standardized, e.g., because they are not yet mature enough or because they attempt to solve problems in areas that are viewed as areas for differentiation and competition among companies (not for collaboration and standardization). Public opinions about the industrial standards for Web services vary widely. For example, while some experts advocate additional industrial standards, others consider that there are already too many standards and "standards" in this area. There are also many differences in opinion about usefulness and quality of particular industrial standards for Web services.

The expert panel at IEEE EDOC 2008 will discuss various issues related to the industrial standards for Web Services and will identify some of the challenges for the future. The panel is composed of experienced international experts from academia and industry, who will pass to the audience their insights and personal opinions (which need not be opinions of their employers). Members of the audience are encouraged to ask questions, state their own opinions, and initiate debate.

Panelists:

- Professor Dr. Gregor Engels (Universität Paderborn and sd&m Research, Germany); [http://www.cs.uni-paderborn.de/fachgebiete/fq-engels/personen/visitenkarten/gregor-engels/visitenkarte.html](http://www.cs.uni-paderborn.de/fachgebiete/fq-engels/personen/visitenkarten/gregor-engels/visitenkarte.html)
- Associate Professor Dr. Luciano Baresi (Politecnico di Milano, Italy); [http://home.dei.polimi.it/baresi/](http://home.dei.polimi.it/baresi/)
- Dr. Howard Foster (Imperial College London, United Kingdom); [http://www.doc.ic.ac.uk/~hf1/](http://www.doc.ic.ac.uk/~hf1/)
- Dr. Guijun Wang (Boeing Company, USA)

Moderator:

Dr. Vladimir Tosic (NICTA and the University of New South Wales, Australia; the University of Western Ontario, Canada); [http://nicta.com.au/people/tosic](http://nicta.com.au/people/tosic)