Second International SeMSoC Workshop – Business Oriented Aspects Concerning Semantics and Methodologies in Service-Oriented Computing

Maximilian Ahrens, Manfred Hauswirth, Frank Leymann, and Marten Schönherr

Deutsche Telekom Laboratories, Ernst-Reuter Platz 7, 10587 Berlin
Digital Enterprise Research Institute (DERI), Galway, Ireland
University of Stuttgart, Universitätsstraße 38, 70569 Stuttgart
University of Berlin, Franklinstr. 28/29, D-10587 Berlin
maximilian.ahrens@telekom.de, manfred.hauswirth@deri.org,
leymann@iaas.uni.stuttgart.de,
mschoenherr@sysedv.cs.tu-berlin.de

Abstract. In the last few years both scientists and practitioners have been discussing the issue of Service Oriented Computing (SOC). But facing the challenge of reconciling the business process requirements and the IT landscape especially in the design time of a SOA implementation, one needs to consider both methodological and technological aspects. On the one hand, methodologies are needed for integrating the business driven view and the technology driven perspective in one consistent approach. On the other hand, semantic technologies have recently emerged as a promising approach for reducing data and process heterogeneities and automating tasks within SOA and Business Process Management. Coping with these two aspects, the proposed workshop will bring together academia and industry to discuss solutions towards bridging the gap between business requirements and IT implementations.

Workshop Motivation and Aim

In the last few years both scientists and practitioners have been discussing the issue of Service Oriented Architectures (SOA). Lately vendors of enterprise information systems presented first releases of their service enabled system architectures. From the business perspective the paradigm of service orientation promises more flexibility by aligning business requirements and information technology functionalities.

It is widely recognized that SOC has brought BP management a step forward in respect to flexible and cost-effective implementation, especially for business processes across organization boundaries. However, many problems remain to be solved in order to achieve a feasible and realistic dynamic integration.

On the one hand methodologies help to integrate the business driven view and the technology driven perspective in one consistent approach.

Semantics on the other side has been emerging as a key technology for reducing data and process heterogeneities and automating some tasks within application integration processes.

E. Di Nitto and M. Ripeanu (Eds.): ICSOC 2007 Workshops, LNCS 4907, pp. 174–175, 2009.

These two topics are combined in the SeMSoC workshop. It should cover business oriented methodological approaches as well as semantic approaches to business process management within a SOA.

As many researchers in the SOA domain follow the principles of design research, the exchange between practitioners and researchers will be of mutual interest.

As a result of a double blind review and an acceptance rate of 40% the workshop publishes 6 papers on different issues mentioned above: Towards a Methodology for Semantic Business Process Modeling and Configuration (Weber et al.), Decoupling of Heterogeneous Semantic Service Annotations and their Semantic Models – Towards an Integrated Approach in a Multi-Service-Provider-Scenario (Rake / Schönherr), An Execution Engine for Semantic Business Processes (van Lessen et al.), Goal-Equivalent Secure Business Process Re-engineering (Lopez et al.), Service Composition Strategies for Loosely Coupled Information Chains (Schroth), Deriving SOA Evaluation Metrics in an Enterprise Architecture Context (Aier et al.) and Querying in Business Process Modeling (Markovic et al.).

We would like to thank the workshop chairs Elisabetta DiNitto and Matei Ripeanu for the kind organization of the workshop sessions.