Workshop on Enterprise Architecture for Service Enablement (EASE 2009)

http://ease09.isis.vanderbilt.edu

Held in conjunction with the Thirteenth IEEE International EDOC Conference (EDOC 2009)
31 August - 4 September 2009, Auckland, New Zealand

IMPORTANT DATES:
Paper submission: 31 May 2009
Author notification: 12 July 2009
Camera-ready: 27 July 2009
Workshop date: TBD (31 August or 1 September 2009)

BRIEF DESCRIPTION AND OBJECTIVES:
Architecture is "the fundamental organization of a system, embodied in its components, their relationships to each other and the environment and the principles governing its design and evolution" (ANSI/IEEE Std 1471-2000). The popularity of Service-Oriented Architecture (SOA) approaches and infrastructure is accelerating the adoption of SOA strategies in diverse industry segments like insurance, finance, healthcare, hospitality, and government infrastructure. In this environment, the importance of enterprise architecture has increased due to the realization that collections of well-engineered siloed applications need a unifying vision to become a service-enabled and manageable product suite.

SOA has increased the importance of Enterprise Architecture (EA). As noted in the book, *Enterprise Architecture as Strategy* (Ross, Weill, Robertson). EA unites the core business processes and IT infrastructure to construct a foundation for business execution as well as the expansion of capabilities for supporting dynamic changes in the business. For these reasons, some communities are promoting the idea of using EA to help manage the transition to SOA with an enterprise-wide perspective. Although expected, best practices to help guide the enterprise architect in this journey have yet to be recognized and codified.

The EASE 09 workshop seeks to bring together practitioners and researchers who are currently involved in the development of medium to large enterprise-scale service oriented architectures that are intended to enhance business capabilities and expand reuse of enterprise architecture components and composition. Research and experience from smaller scale implementations that could potentially be useful in medium/large scale enterprises are also invited.

The workshop provides a forum for approaches to practical application of SOA, and to share lessons learned or novel ideas to addressing key issues unique to the larger scale implementation. Further, the workshop aims to provide a platform to share experiences in developing enterprise-wide SOA solutions and/or strategic plans for migrating enterprises toward SOA. The workshop will address questions about the nature and features of service-oriented architectures and related business process management systems, focusing on the challenges of adopting these technologies in an enterprise-wide program. The workshop will include presentation and discussion of selected short papers, and break-out sessions to investigate issues and alternative approaches.

TOPICS OF INTEREST INCLUDE, BUT ARE NOT LIMITED TO:
- Leadership lessons conveying SOA tenants to the enterprise and decision makers
- Identification and establishment of EA competencies in a services world
- Organizational lessons-learned in transitioning to SOA/BPM solutions
- The impact of SOA on the management and constructions of EAs
- EA's role in creating the business case for SOA
- EA's role in communicating and coordinating transformation of business and infrastructure
- The role of EA in establishing a governance framework
- Enterprise security and identity management in service infrastructure design
- Information Services as a data integration backplane
- The design of applications and services for Business Process Management
- Operation, administration, and management of SOA solutions
- Guidelines for measurement and use of Service-Oriented Maturity Models
- Role of technological advances, such as multicores, virtualization, and cloud computing, in enterprise architectures

SUBMISSION GUIDELINES AND WORKSHOP FORMAT:
The duration of the Workshop is half day. The Workshop will be divided into three sessions. First, a session for presentation of papers, initial discussions, and joint identification of specific issues that participants consider to be of particular relevance and deserving further analysis. Second, break-out sessions analyzing the key issues or challenges and/or identifying practical alternatives to address them. Finally, a wrap-up session dedicated to drawing the Workshop's conclusions, identifying the open issues, and outlining opportunities for future work. An important goal of this workshop is to enable industry practitioners to provide critical feedback to academic researchers and students to better prepare them in understanding real-world problems and developing promising solutions.

To enable lively and productive discussions submission of a paper or a position statement is required. All submissions will be formally peer reviewed.

Contributions to the workshop should be in IEEE Computer Society format and include the author's name, affiliation and contact details. Two types of papers are solicited - full papers (8 – 10 pages) and short (4 pages). A package with formatting instructions and a template for Word and style files for Latex is available at:

[To Be Added]

Submissions should be prepared in PDF format. A link to Easychair will soon be made available.

At least one author of accepted papers is expected to participate in the Workshop.

ORGANIZING COMMITTEE:
      John A. Anderson, Cougaar Software (USA)
      Aniruddha Gokhale, Vanderbilt University (USA)
      Vijay Rachamadugu, MITRE Corporation (USA)
      Don Sparrow, MITRE Corporation (USA)

PROGRAM COMMITTEE:
(to be announced)