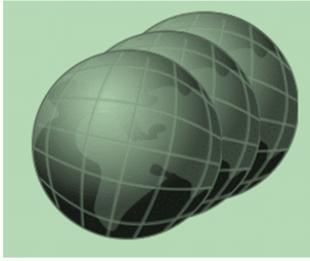


MESOA 2009



MESOA 2009

3rd International Workshop on a Research Agenda for Maintenance and Evolution of Service-Oriented Systems (MESOA 2009)

Co-located with the 25th IEEE International Conference on Software Maintenance (ICSM 2009)

September 24, 2009 – Edmonton, Canada

<http://www.sei.cmu.edu/workshops/isis/mesoa-2009/>

Workshop Organizers

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Important Dates

Submission Deadline: Jul. 10, 2009
Acceptance Notification: Jul. 31, 2009
Camera-Ready Version: Aug. 14, 2009
Workshop: Sep. 24, 2009

There are many successful case studies of SOA adoption, mainly in commercial enterprises, where the main goal for SOA implementation is internal integration and business process improvement. Despite recent reports that "SOA is Dead", the reality is that SOA is currently the best option available for systems integration and leverage of legacy systems. According to a 2007 Gartner Group report, 50% of new mission-critical operational applications and business processes were designed in 2007 around SOA, and that number will be more than 80% by 2010. The technologies to implement SOA will most probably change over time, but the concepts will remain. This means that from a maintenance and evolution perspective there are two concerns: (1) deployed service-oriented systems will have to be maintained and evolved and (2) legacy systems will migrate to SOA environments to make their legacy functionality available to other systems and applications. The main goal of this workshop is to create a focal point and an ongoing forum for researchers and practitioners to share results and open issues in the area of maintenance and evolution of service-oriented systems.

During MESOA 2007, topics such as service identification, concept location, and service testing were presented as techniques to support maintenance and evolution of service-oriented systems. In addition, the effect of business value and autonomic computing on maintenance and evolution of service-oriented systems were discussed. In MESOA 2008 the focus was on the research and advances in areas that have been identified by the SOA Research Agenda as critical for maintenance and evolution in a dynamic, heterogeneous and potentially distributed development and maintenance environment.

The goal for MESOA 2009 is to continue sharing current efforts in the maintenance and evolution of service-oriented systems and identify areas of future work to address existing gaps and problems. We are looking for papers related to the maintenance and evolution of deployed service-oriented systems as well as the evolution of legacy systems to SOA environments. Sample topics include

- Tools, techniques and environments to support maintenance activities in SOA environments
- Multilanguage system analysis and maintenance
- Reengineering processes for migration to SOA environments
- Program comprehension techniques to understand legacy system aspects that are relevant for migration to SOA environments
- Evolution patterns of service-oriented systems
- Transition patterns for incremental migration to service-oriented environments
- Tools for the verification and validation of compliance with constraints during maintenance and evolution activities in SOA environments
- Round-trip engineering in service-oriented systems
- SOA governance to support system evolution in SOA environments

The submission and review process will be done using EasyChair (<http://www.easychair.org/conferences/?conf=mesoa2009>). The maximum length for short papers is 4 pages and for full papers is 10 pages. The purpose of short papers is to report on work that is in early stages or to present concepts related to ideas for research in this area. All papers must be formatted using the guidelines posted on the workshop web site. Submissions are due no later than **July 10, 2009**. Accepted papers will be published in the post-proceedings for the workshop.