Call for papers

2nd Intl’ Workshop on Service-Oriented Computing: Consequences for Engineering Requirements (SOCCER’06)

http://www.lsi.upc.es/events/soccer
September 12, 2006
Minneapolis/St. Paul, Minnesota, USA

In conjunction with RE’06 – 14th IEEE Intl’ Requirements Engineering Conference
http://www.ifi.unizh.ch/req/events/RE06/index.html

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The service-oriented approach is becoming more and more popular to integrate highly heterogeneous systems. Web services are the natural evolution of conventional middleware technologies to support Web-based and enterprise-level integration, but the paradigm can also serve as basis for other classes of systems. The dynamic nature of these systems precludes the \textit{a priori} identification of the components that define the system and demands for the run-time discovery and composition of such services. To realize a service-oriented architecture we need techniques to identify and specify requirements on services in a machine-interpretable way to enable the dynamic composition and deployment of systems that meet the expectations of the different stakeholders. We need new capabilities to monitor the behavior of deployed systems and reasoning on partial matches, deviations, and corrective actions. We need to integrate service-oriented architectures with existing component- and COTS-based architectures that deliver capabilities not suited to services. And finally, we need to be able to exploit the availability of services to discover new opportunities that improve existing requirements processes and techniques.

Topics
The workshop’s topics of interest include the following (but are not limited to):

- Languages, models and methodologies for requirements elicitation and specification
- Quality assessment
- Discovering services that comply with requirements specifications
- New service-based requirements processes and techniques
- Requirements validation
- Run-time monitoring of system requirements and QoS
- Requirements for context-aware systems
- Requirements for adaptivity and adaptability
- Requirements for ambient computing
- Requirements for QoS
- Requirements for multi-channel applications
- Security requirements
- Service-level agreement
- Requirements-based testing

Types of contribution

\textit{Research papers}, limited to 5000 words, in IEEE format.
\textit{Experience reports} limited to 2000 words, in IEEE format.
\textit{Position papers} limited to 2000 words in IEEE format.

Important dates
- Papers due: 15 June, 2006
- Papers acceptance notification: 17 July, 2006
- Papers camera ready due: 31 July, 2006