

Exploit the potential of services

SECSE - IST FP6 SERVICE CENTRIC SYSTEMS ENGINEERING

Project Highlights

FP6 WorkProgram Objective: Open development Platforms for software and services

EU funding: 9.2 MEuro

Effort: person-months 1650

Project web site: <http://secse.eng.it>

Project video:

http://secse.eng.it/?page_id=326

PROJECT GOALS

To create methods, tools and techniques for system integrators and service providers and support the cost-effective development and use of dependable services and service-centric applications



<http://secse.eng.it>



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THE CHALLENGE FOR THE
FUTURE BUSINESS IS SERVICES

OVERVIEW OF SOA ISSUES
AND CHALLENGES

RoadShow

20th of June 2008

14:30-18:00

CEFRIEL – Sala Bellisario

Via Fucini, 2 - Milano, Italy

Other planned events

City University – London - June 2008

RCOS T – Benevento – Italy – July 2008

ESI – Madrid – Spain - July 2008

CHALLENGES FOR SERVICE ORIENTED ARCHITECTURES

Service Oriented Applications and Architectures (SOAs) have captured the interest of industry, which is trying to exploit it as the reference architecture to support B2B interaction. Analysts forecast a very relevant growth rate in the next few years, and it is therefore of paramount importance for research institutions and for companies who want to adopt such technology to understand a number of issues and challenges. Some of them are:

- 1 . How to properly address physical and conceptual interoperability among different integrated systems.
- 2 . How to properly guarantee the dependability of a system composed of parts owned by third parties.
- 3 . How to build approaches that support adaptiveness of applications built upon the SOA model.
- 4 . How to exploit distributed computational capabilities to achieve high level objectives.
- 5 . How to adopt the SOA approach in contexts different than the classical B2B

one and more oriented to the development of pervasive, multi-device systems.

The aim of this seminar is to provide an overview of all aspects mentioned before.

SECSE OBJECTIVES

Exploit the full potential of services moving from system defining the users, to users defining the systems by delivering knowledge and artifacts to empower people and organizations to design and deploy the right service-centric systems at the right time.

Driven by real-world problems and scenarios SeCSE

- 1 . extends existing approaches to service and system specification to include requirements modeling, quality of service and dependability specifications to be used for service discovery and binding mechanisms;
- 2 . develop notations, models, processes and tools that support analysis, design and reasoning about service-centric systems;
- 3 . influence future generations of standards.

MEETING AGENDA

Welcome and agenda

- Introduction to the SeCSE Fp6 project objectives and results

The right service-centric systems at the right time

- Standards for web services
- Development of service centric applications (the life cycle, engineering requirements, approaches to the design, ...)
- Adaptive systems

The challenge for the future business is services

- Trends and research directions about services and service centric systems

Real-world problems and scenarios

- Projects and case studies: the FIAT Research Centre Infomobility business line

Speakers:

Elisabetta Di Nitto – CEFRIEL
Roberto Tola – FIAT Research Centre,
Stefano De Panfilis - Engineering

More information and registration at http://www.cefriel.it/secse_roadshow