

Training

Module 4: SOA Project Delivery & Methodology (1 day)

Delivering services as part of a growing enterprise service portfolio in support of an SOA initiative introduces new and unique challenges and considerations.

The first part of this session establishes the stages that are part of the typical SOA delivery lifecycle and then explores three approaches for building services, each addressing long-term strategic and short-term tactical goals differently.

The majority of this module is dedicated to the study of service-oriented analysis and the art of service modeling. Service-oriented analysis represents a phase within the SOA delivery lifecycle whereby existing business automation requirements are subjected to a structured service modeling process that results in the definition of service candidates.

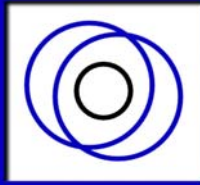
These service candidates establish the starting point for service-oriented design processes that are responsible for turning conceptual service definitions into concrete service contracts. These “contract first” processes are also introduced and discussed within the context of the overall SOA delivery lifecycle.

Several exercises supplied and the in-class reading ties into these exercises by providing related case study examples. Architects and business analysts are highly encouraged to attend as it will usually be these two groups that collaborate to complete the service-oriented analysis process.

IT managers and project managers can also attend to better understand SOA project planning considerations and to assess the importance and requirements of incorporating service-oriented analysis into the overall project lifecycle.

The following primary topics are covered:

- Service-Orientation and the Separation of Concerns
- Fundamental Service Definition
- Service Encapsulation and the Agnostic Context
- Service Models and Service Abstraction Layers
- Utility Service Layer and Service Model
- Entity Business Service Layer and Service Model
- Task Business Service Layer and Service Model
- Service Granularity, Capability Granularity, Data Granularity and Constraint Granularity



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- Planning SOA Projects and SOA Delivery Strategies
- Service-Oriented Analysis Process
- Service Modeling Process and Service Candidates
- Service-Oriented Design
- Designing Entity Services
- Designing Utility Services
- Designing Task Services and Orchestrated Task Services

All course materials are printed in full-color and additional reference textbooks are also supplied, as required.

This is also a credit course for the SOA Certification Program and optional testing is available. For more information about certification and for descriptions of additional courses, visit www.soaschool.com or www.soatraining.com.

