Module 7: SOA Analysis & Modeling Lab

**Service Inventory**
- Enterprise Inventory (116)
- Domain Inventory (123)
- Service Normalization (131)
- Logic Centralization (136)
- Service Layers (143)

**Service Inventory Analysis**
- define analysis scope
- filter out steps not suitable for service encapsulation
- identify agnostic service capabilities
- identify process-specific logic
- apply service-orientation principles
- identify candidate service compositions
- analyze processing requirements
- identify utility service capability candidates
- define utility service candidates
- apply service-orientation principles
- revise candidate service compositions
- revise service capability candidate grouping

**Service-Oriented Analysis**
- identify existing systems
- model candidate services

**Service Decomposition**
- entity service model
- task service model
- utility service model
- service granularity
- capability granularity
- data granularity
- constraint granularity

**Boundary Patterns**
- Service Layers

**Structure Patterns**
- Service Logic Types
- business
- utility
- agnostic
- non-agnostic

**Utility Abstraction**
- entity service model
- task service model
- orchestrated task service model

**Entity Abstraction**
- enterprise inventory
- domain inventory

**Service Layers**
- patterns*

**Utility Service Model**
- corresponds to entity service model

**Service Models**
- utility service model
- task service model
- orchestrated task service model
- Service Decomposition (489)
- Proxy Capability (497)
- Decomposed Capability (504)
- Distributed Capability (510)

**Utility Service Model**
- involves service granularity
- capability granularity
- data granularity
- constraint granularity

**Service Decomposition**
- patterns*

**Utility Service Model**
- Service Inventory

**Utility Service Model**
- Service Inventory Analysis

**Utility Service Model**
- Service-Oriented Analysis

**Utility Service Model**
- Service Decomposition

**Utility Service Model**
- Service Models

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* Numbers in parenthesis are page references from “SOA Design Patterns”.
** Numbers in parenthesis are page references from “SOA Principles of Service Design”.

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