



SERVICE ORCHESTRATION MODELLING

SOA Blueprint

A structured blog by Yogish Pai

During the requirements and analysis stage of the services lifecycle, the team should capture all requirements in the form of business processes, including business rules and policies. This enables reuse, at both the business process and services level. Most BPM tools provide two separate tools: a BPM tool for the business analyst to capture requirements, and a service orchestration modelling tool for the architect. The service orchestration modelling tool typically includes the BPM tool and enables the architect to develop the service orchestration or flow model for each business service or activity. Most of these tools either generate the code or create metadata for executing the logic.

Best practices for service orchestration modelling include:

- Leverage the BPM tool for service orchestration modelling
- Adopt open-standards based tools for modelling (such as BPMN) and orchestration (BPEL)
- Have business analysts focus on business process modelling and architects focus on service orchestration modelling
- Have architects develop the services orchestration model for composite applications even if the business analysts haven't used a BPM tool to define the business requirements
- Upload all service orchestration models to the SOA repository.

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