



INFORMATION MODELING

SOA Blueprint

A structured blog by Yogish Pai

There are different types of modeling associated with information modeling

- Reference data modeling
- Master data management (such as CDI and PIM)
- Shared data services
- Use of domain standards where applicable (HR-XML, XBRL, ACORD, MDDL, and RIXML for standards-based service payloads).

IT organizations rarely model reference data, the common data such as country names, state names, and state codes. However, partial standardization of reference data may be required to provide a consistent user experience across the enterprise.

Following are some of the best practices for information modeling

- Identify all systems, data flow, and attributes between systems, business owners, and system of records, then make it mandatory for every project team to update this model
- Identify the data flow while capturing the business requirements
- Identify shared data services and master data entities while reviewing the application design
- Develop the ERD for each custom application
- Update the ERD whenever a packaged or custom application is modified.

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