Industrial Enterprise Management Standardization Has Varying Domain-Based Initiatives to Address Its Dimensions...

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Many standards have been or are being developed to address the INDIVIDUAL DOMAIN issues...
But, There is STILL Confusion with Possibly The Most Important Dimension – Interrelationships, Aggregations, Configurations, and Dependencies…

This area still looms as the enterprise/service provider’s most important inhibitor for standardizing IT Services Management.

- Assistance?
- Un-Planned Events?
- Crises?
- Production-ize?
- Adjustments?
- Relationships?
- Guarantees?
- $$$$?
- Resourcing?
- Recovery?
- Accessibility?

**OASIS DCML**

Standardizing Information Exchange for the Data Center Environment

**Service-Oriented**

**App Development Model-Driven**

**IT Domain/Element Relational Configurations**

**IT Domain-Specific Elemental**

- Servers
- Storage
- Purposeful Infrastructure
- Operating Systems
- Network
- Applications

**Elemental Relationship Intelligence**

**Business Process**

**Industry**

**Etc.**
Dimensions Of Industrial Enterprise Management

- **Interface Elemental**
  - Base management functionality for a particular technology castle (i.e., storage, network, systems, etc.) for interface-based management

- **Domain-Specific and Domain Elemental**
  - Management functionality across a domain at the session level (network, storage, systems, etc.)

- **Inter-Relational/Orchestrational**
  - Management BETWEEN/AGGREGATING one or more dimensions of enterprise management

- **App Development/Model Driven**
  - Modeling for the purposes of creating operational state and desired constraints and policies in the orchestration dimension

- **Service Oriented**
  - Management at the application services level

- **Process Frameworks**
  - End-to-end process frameworks for the purposes of operational and business management

- **Business Process Oriented**
  - Composite processes at the business to industry dimension

- **Industry Specific**
  - Business sector management and comprehension
Application Architects Create SML-Enabled Models With Metadata IT Services Feeds From...

Create a model of a new or existing Application or Service

Model Reuse Library

Operational Metadata Flow

Application Architect

Management Interfaces

Resource Requirements

Operational Requirements

Deployment Interfaces

Deployment Values

SML Document

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Enterprise or IT Provider Operational Models, Whose Integration Teams Pre-Integrate and Operationalize Resources Using DCML and ITSMM Standardization…

DCML File
(XML of environment, relationships & policies)

Resource Metadata

Operational Interrelationships

Application-to-Service Deployment Interfaces

Integrate Resources Into the Target Operational Model/CMDB

Operational Metadata Flow

ITSM Architect

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Both Used By Management and Monitoring Teams to Operate Production Services Through Their Lifetime