

Welcome to the 2011 Canonical Model Managers Forum

igniteXML
Canonical Model Management

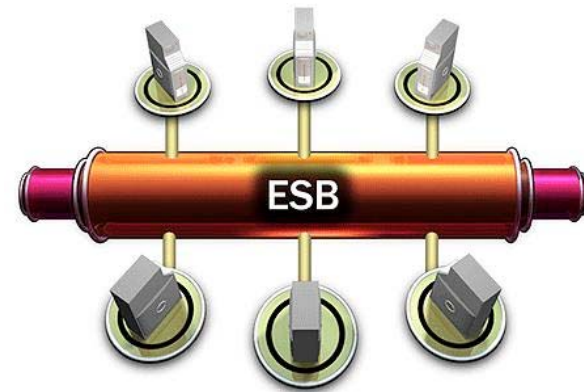
Simplifying Enterprise Integration with
one model for data in motion



λ DigitalML

- Jeremy Sindall - CEO
- John Bogard - VP Global Sales
- Rogan Hounsell-Roberts - Product Manager
- Andy Medicott - Engineering
- Nick Van Heist – Implementation Consultant
- Reuben Loya - Sales
- Jay Myers - Account Manager
- Debbie Bentley - Event Organizer

- λ The consistent use of a single set of definitions by all integration project teams across the enterprise for message based integration and SOA
 - A standard data format for all data in motion to maximize data interoperability



- λ This results in
 - Shorter project times
 - Lower integration costs
 - Faster scaling of non point to point integration

Multiple sources blended into a single model

Logical Models



Canonical Model



Physical Models



Data Model Mappings



Browse Model Search Model Reuse Specification

Canonical 1.0

- Core
- Enumerations
- ReferenceModel
 - Complex Types
 - Account to D
 - Account**
 - ACH
 - ACHTrans
 - ACLSSpeci
 - Address

Schema Contents

Canonical 1.0

- Account
 - sequence
 - BalanceAmt [0-1]
 - AmountType
 - ChartOfAcctsCategoryType [0-1]
 - AccountingDateType
 - HolderTypeDescription [0-1]
 - DescriptionType

This part of the model is from a UML logical model

OAG 9.4.1

- AmountType
 - decimal
 - currency
 - CurrencyContentmentType

Drill down & this part of the model is from a physical model e.g. OAGis

This object maps to a legacy data model

Information

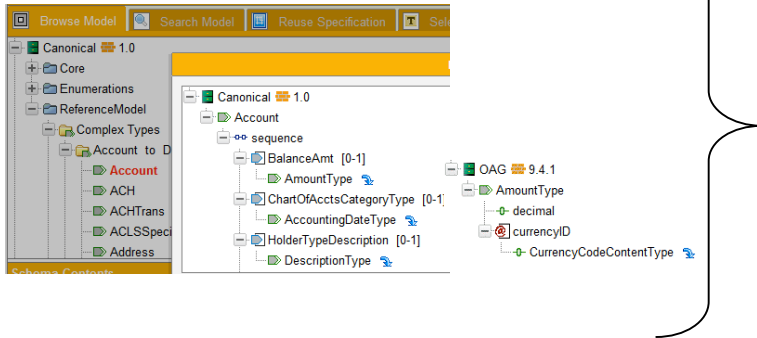
Complex type: AmountType

Vocabulary
UBL.Price.PriceAmount.Amount.PriceAmount

Enterprise Integration Process Flow with Canonical Model Management



A common reference point for all



Business Analyst

Reference the model
in specifications



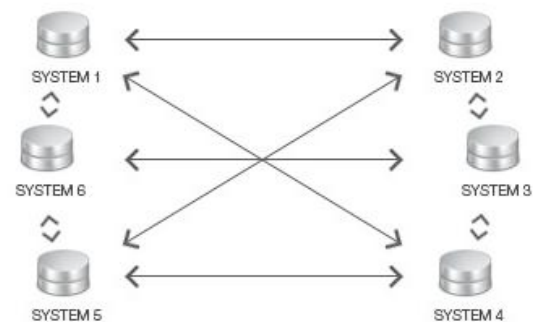
Integration Developer

Build Messages and
mappings from the model

- λ **All messages**
- **100% consistent**
 - **Optimized for runtime**
 - **Clearly understood**
 - **Easy to maintain**
 - **Mapped to data model**

- λ **The result...**
- **Integration Projects delivered faster**
 - **Dramatic productivity improvements**
 - **Cost savings**
 - **Lower complexity**

λ Point to point integration



Simplified example of Point-to-Point integration

λ Canonical Schema Management



- λ 10:15 Federated SOA using Federated Canonical Models
 - Doug Stacey, Data Architect for Allstate Insurance Company
- λ 11:15 Break
- λ 11:45 Canonical Model examples and the rationale for adopting one:
 - Group discussion to follow presentations by:
 - Chris Moran, SOA Architect for the Business Transformation Agency within the U.S. Department of Defence and President & CTO of IMSC
- λ 1:00
- λ 2:00
 - Mike Gilpin, Vice President Research Director for Forrester Research
- λ 3:15
- λ 3:45
 - Jeremy Sindall & Rogan Hounsell-Roberts
- λ 5:00 Session Close
- λ 6:30 Dinner and Networking evening hosted by digitalML

λ 9:45

- Questions and discussion to follow user experiences:
- Daniel Brueckner, Global Head of Architecture for Novartis

λ 10:45

- Group discussion to follow demonstration & presentations by: digitalML

λ 11:15 Break

λ 11:30

- Jeff Bridwell, Information Architect for Staples – Integration with SOA Governance (CentraSite)
- Integration demo - digitalML

λ 1:00

λ

- David Connelly CEO, Ralph Hertlein VP - Operations OAGi,
- Driving Model Adoption & driving change

λ 2:45 Organizational preparation and pitfalls –

- Doug McCaleb Consultant WellSys
- Tracking success with reporting metrics – Jeremy Sindall CEO digitalML

λ 4:00 Forum Close