OOR Metadata Workshop - VI

Screen shots

from

Presentation / Demo

by

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Anatomy of a Semantic Data Standard

**ODM Model**

**Semantic Metadata**
- rdf:type: LegalEntityIdentifier
- skos:altLabel: LEI
- skos:definition: A legal entity identifier (LEI) is a unique ID associated with a single corporate entity
- dc:source: SIFMA (Securities Industry and Financial Markets Association) overview discussion of Legal Entity Identifier (http://www.sifma.org)
- owl:versionInfo: Version 1.0.0
- rdfs:seeAlso: Office of Financial Research; Statement on Legal Entity Identification for Financial Contracts

**Community Access to Standards**
- Multiple access options over the web via the authoritative standards body
- Hyperlink to semantic web standard from documents
- Community participation and interaction
- Query access via formal semantics repository including links and synonymous terms for knowledge
- Improved governance
- Provenance and evolution recorded
- Model files for download in multiple tools

3/13/2012
Semantic Financial Metadata

Requirement #1: Define Uniform and Expressive Financial Data Standards

✓ Describes relationships among ontology elements and related data defined by financial institutions, regulatory authorities, standards organizations, etc.

✓ Provides:
  • Data Provenance, source and reference information
  • Cross-reference to data elements in related financial data standards, regulatory rules, business requirements and specifications e.g. FpML, CFTC rules, etc

✓ Intent is to provide web access to knowledge about financial data standards and requirements
  ▪ Web Portal
  ▪ Linked Open Data

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✓ Describes financial contracts and interest rate swaps.

✓ Provides:
  - Data Prompts
  - Cross-references to financial regulations
  - CFTC rules

✓ Intent is to provide clear definitions about financial contracts.