

USDL RDF

Torsten Leidig/SAP Research
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TEXO USDL3

Based on eCore Modelling

More a technical (data-)model than a conceptual model

Makes use of GUID instead of URI (will change in M5)

Not really open for extension

Not harmonized with other standards (e.g. Person, Organization, Date, Time, ...)

Not the Web way

What is Linked Data

A way of publishing data in the Web

Doing it the „Web way“

It's about linked data sets – not schemas

Global-scale data integration

Splitting data integration costs between data publishers, data consumers and third parties

Linked Data Principles

Everything can be identified by an URI - yes

URL URIs help to lookup those „things“

Provide useful information (RDF) at lookup – Repository, RDFa?

Include links to other „things“ - TBD

Translation of USDL3 to RDF

USDL3 serialization is based on XML (USDL schema + XMI schema)

Transformation to RDF via XSLT 1.0

Names are not changed (RDF/LOD follows a different naming convention)

Minimization of blank nodes (still room for improvement)

Imports, xmi:version, xmi:id, xsi:type will be suppressed

No types yet (except ServiceDescription)

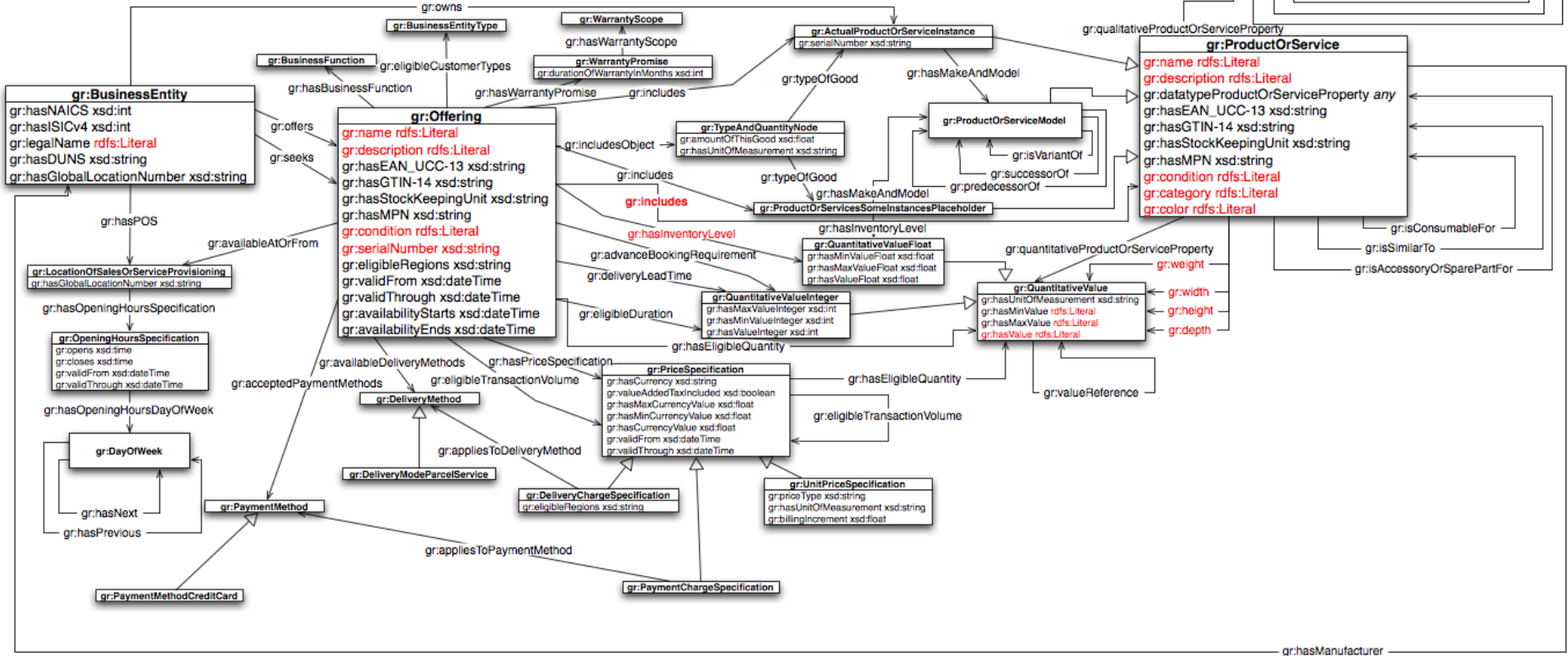
TBD:

make use of existing schemas (dc, dcterms, geonames, ...)

The GoodRelations Ontology for E-Commerce Language Overview - UML Class Diagram

<http://purl.org/goodrelations/>

Version 1, Release 2010-09-16
Martin Hepp. mhepp@computer.org



Integrated in various shop software and CMS (Magento, Joomla)
Used by BestBuy, O'Reilly, overstock.com, Amazon, Peek&Cloppenburg, ...



The Grid

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