



P&C XML

The Next Generation

Simplify Resources

Current Standard

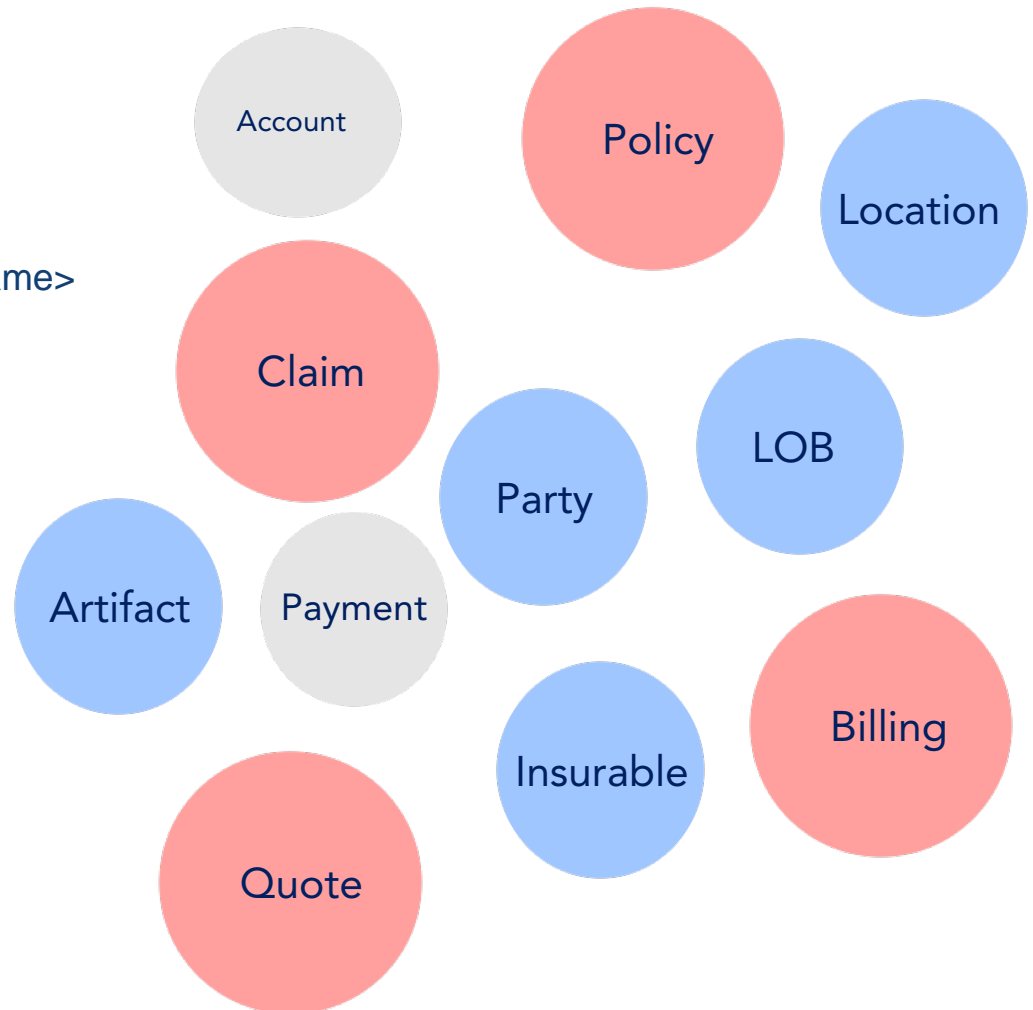
<InsuredOrPrincipal>
 <GeneralPartyInfo>
 <NameInfo>
 <CommName>
 <CommercialName>

Future?

<Party>
 <Person>
 <Organization>

AML

<PolicyInsured>
 <RoleCode>
 <Insured>
 <PersonReferences>
<Person>
 <PersonName>
<Organization>
 <OrganizationName>



What we will cover

- Simplify Resources
- Further Consolidation
- Moving it up a level
- Data Modeling
- Agile Standards development
- Best Practice Development
- Modern API Documentation
- Incorporate Global Standards

Further Consolidation

- <CommName><FamilyName><PersonName>
- <Driver><DriverInfo>
- <Location><SubLocation><LocationInfo>
- <Party><MiscParty><AdjusterParty><ClaimsParty>

Moving it up a level

- Instead of Insurable's or resource aggregate being buried in the message move them up to the top level.
- Policy/Insurable/Vehicle
- Policy/Location

Simplification and Reuse All Lines

<Quote>

<Party>

<Location>

<Insurable>

<LOB>

<Artifact>

</Quote>

<Policy>

<Party>

<Location>

<Insurable>

<LOB>

<Artifact>

</Policy>

<Claim>

<Party>

<Location>

<Insurable>

<LOB>

<Artifact>

</Claim>

Adding Domains vs Capabilities

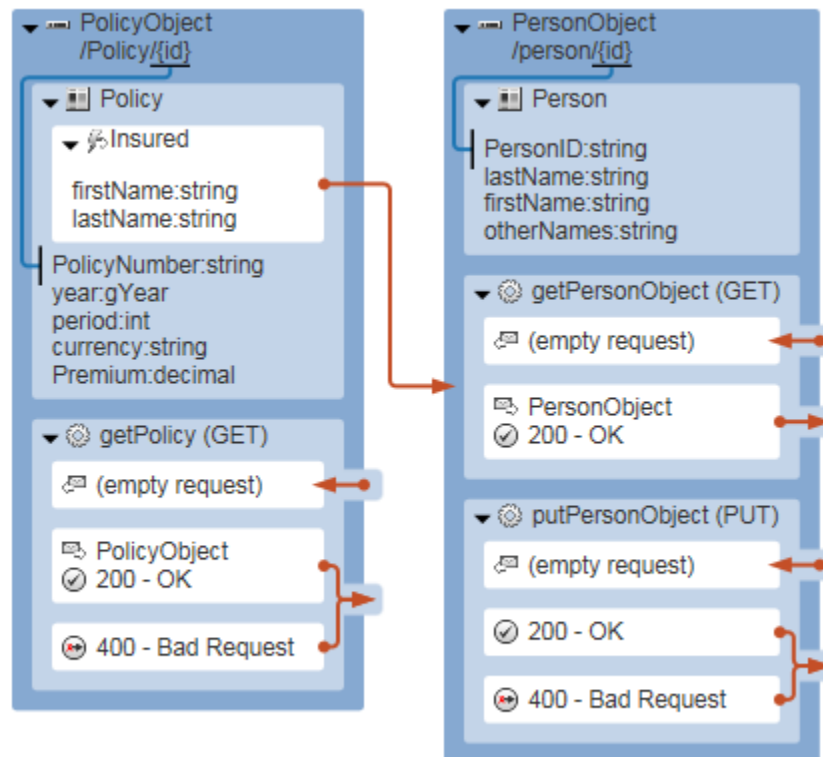
Aisus Data Model - Domains/Capabilities

Capabilities	QUOTE	POLICY	BILLING	CLAIMS	REINS
NEW BUSINESS					
RENEWAL					
MODIFY					
CANCEL					
REINSTATE					
PAYMENT					
NOTE					
FNOL					
CLAIM PAYMENT					

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Data Modeling

- Creating an API Data model



Agile Standards Development

- Release standard every few weeks
- Members can test prototype
- Feed back can be given to the working groups
- Problems or solutions made to adjust the standard and another cycle continues

Best Practices Development

- Development of best practices formally transaction specifications. Identifying common ways to implement the standard.
- Specific Aggregate Best Practice build the larger messages and resourceful transactions.
- Example how to use <QuestionAnswer> vs creating new indicators.
- Example how to define a <Party>
- Using JIRA and Confluence to help the standards development.

Incorporate Global Standards

<https://schema.org/Person>

<https://schema.org/Organization>

<https://schema.org/OrganizationRole>

<https://schema.org/Role>

Common resource development.

Allows data to flow from other standards with minimal transformation.

The collage shows three examples of retail store web pages, each displaying structured data for store details, hours, and product ranges. The Walmart page shows store details for 780 Lynnway, Lynn, MA 01905, including phone numbers, directions, and a list of services like Pharmacy, Photo Center, and Vision Center. The Tesco Extra page shows store details for 8 Purley Road, Purley, Greater London, CR8 2HA, including a list of services like Pharmacy, Optician, and Direct Desk. The Best Buy page shows store details for 360 Newbury St, Boston, MA 02115, including phone numbers, GEO coordinates, and a list of services like Best Buy Mobile, Small Business Solutions, and Apple Shop.

Walmart Store Details
Walmart
780 Lynnway
Lynn, MA 01905
• Directions • [site](#) • [store](#) Available (See pickup hours below)
[MAKE THIS MY STORE](#)
[Learn More](#)
Please note: Store hours are subject to change. Please contact the store for their current hours of operation.

Store Details
Walmart
780 Lynnway
Lynn, MA 01905
• Directions • [site](#) • [store](#) Available (See pickup hours below)
[MAKE THIS MY STORE](#)
[Learn More](#)
Please note: Store hours are subject to change. Please contact the store for their current hours of operation.

Store details
PURLEY EXTRA,
8 PURLEY ROAD,
PURLEY,
GREATER LONDON,
CR8 2HA
Store type
TESCO
Extra

Opening times
Store Times
Monday 0500 midnight
Tuesday 24 hours
Wednesday 24 hours
Thursday 24 hours
Friday 24 hours
Saturday 24 hours
Sunday 1000 1600

Product range
Clothing
Appl
Hous
Lifes
Kosher
Apo
Cath
Poli
Chick
World
Foods
Pet
Center
Pet
Center

Best Buy - Back Bay
360 Newbury St
Boston, MA 02115
Phone: 617-375-7412
GEO: 42.347862, -71.087975
Customer reviews: 4.5 of 5
Read reviews (2) or Write a Review
Maps & Directions | Weekly Ad
Store Hours
Mon: 10-9, Tue: 10-9, Wed: 10-9, Thurs: 10-9, Fri: 10-9, Sat: 10-9, Sun: 11-7
Announcements
Media New Releases!
Week of June 27th
Percy Jackson & the Olympians: The Lightning Thief
The Grapes
Hot Tub Time Machine
LEGO Harry Potter Years 1-4

Semantic Web & Linked Data

A **vocabulary** (data schema, ontology, data dictionary, however you name it). This provides global identifiers for types of things ("Product", "Car", "Restaurant" - often called "classes" or "types") and for properties (e.g. "screen size", "weight" - often called properties or attributes). Popular vocabularies on the Web are **schema.org**, **FOAF**, **SIOC**, and a few others.

A **syntax** for publishing the data within Web pages and services. The syntax is the convention for the actual characters used to publish a piece of data. Relevant syntaxes in here are **Microdata**, **RDFa** and **JSON-LD**.

Semantic Web Ideas for Insurers

A Way of Describing a Vocabulary

- Unambiguously describes the terms in a given context
- Describes rules about data expressed in this vocabulary
- Describes relationships to other vocabularies

A Way of Expressing Data

- Data is expressed unambiguously
- Data is expressed using a vocabulary
- New data items can be inferred from rules in the vocabulary

A Way of Querying the Data

- Data can be searched across many distributed locations
- The query is explicitly expressed in a given vocabulary
- Query results items can be inferred from rules in the vocabulary
- Rules expressing relationships between vocabularies can extend the query results, i.e. this data item in vocabulary A is equivalent to this other data item in vocabulary B