

European Data Forum 6 June 2012

http://www.w3.org/2012/Talks/0606_phila_edf/

Phil Archer <phila@w3.org>

Major effort by European Commission to improve public sector data interoperability across the member states.

Run by DG DIGIT, budget for 2010 - 2015 of €164 million.

More, including videos, at <http://ec.europa.eu/isa/>



W3C working with PwC EU Services who are doing a lot of the work, for example, populating new [Joinup Platform](#):



- vocabularies;
- standards;
- taxonomies;



Semantic Assets

The Asset Description Metadata Schema

For describing code lists, controlled vocabularies, standards etc. typically made available through a portal... such as Joinup



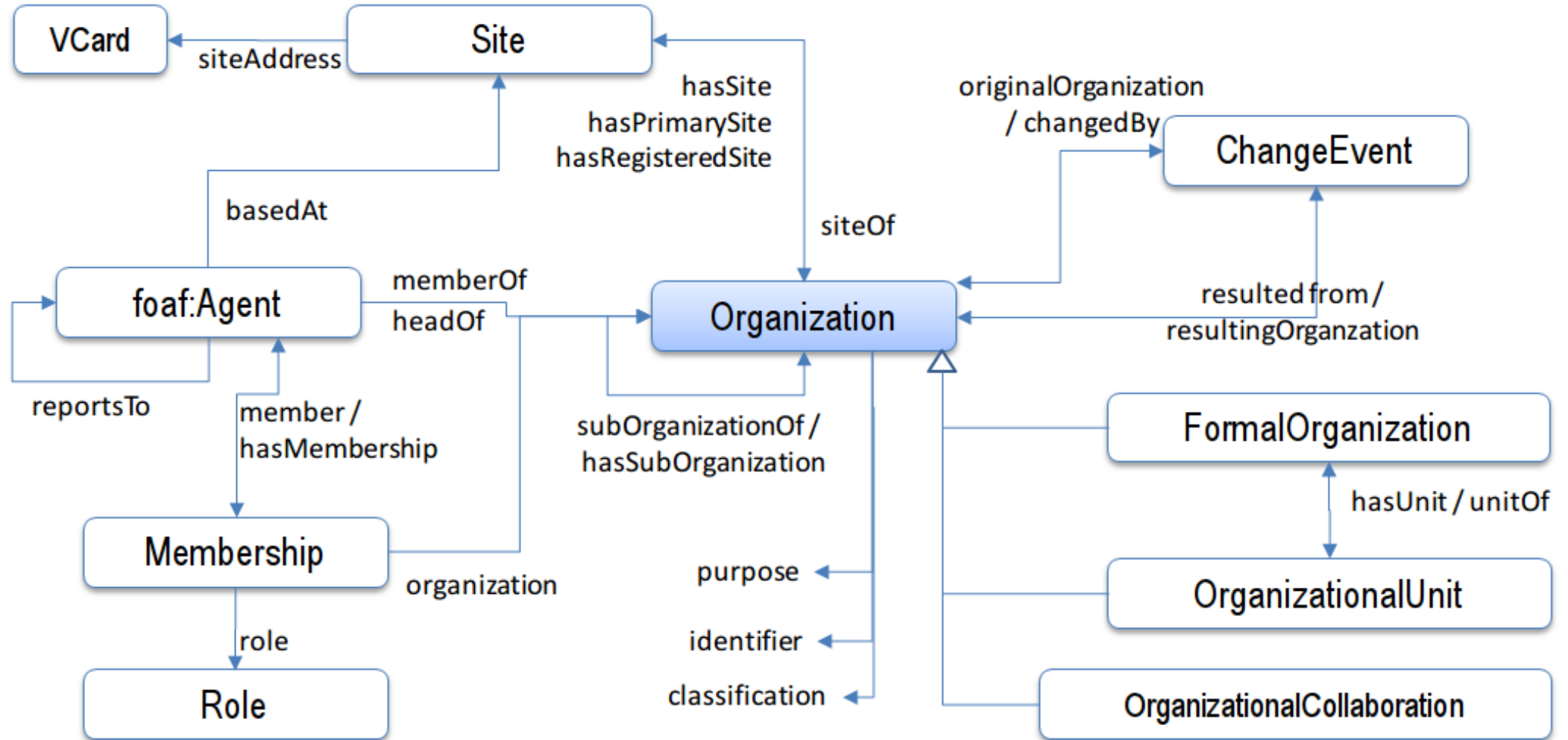
- Person (natural person, not identities)
- Businesses (registered legal entities)
- Location (includes method for encoding INSPIRE-conformant addresses and any geolocation coordinate system)

For describing businesses in a national register.

Very limited scope therefore.

Hope is for future work to cover sole traders, relationships between legal entities.

Hang on ... Don't We Have That Already?



Describes any organization, including 'formal organizations.'

Broader definition than Business vocabulary so:

```
legal:LegalEntity rdfs:subClassOf org:FormalOrganization
```

Has generic property of `org:classification`

Business vocabulary creates sub properties for:

- company type (Plc, LLC GmbH etc.);
- company status (normal activity, in receivership etc.);
- company activity (NACE code, SIC code, ISIC codes etc.).

Recommends, but does not mandate, specific code lists — this is a recurring issue.

Separation between:

- The *legal identifier* is the one that confers legal status on the business.
- Any other associated identifier (VAT numbers, tax numbers etc.)

Why use the Business Core Vocabulary?

To provide unambiguous reference to a registered business.

To provide data with tightly defined semantics, of the type found in registers.

To aid interoperability of data sets about legal entities.

To link a legal entity with its registered address provided in an INSPIRE-conformant way (all the core vocabularies interlink).

Matched work items in the W3C Government Linked Data WG hence now input to that group.

Namespaces are all on w3.org, e.g. <http://www.w3.org/ns/adms#>

Further related developments, further evangelism and implementation experience.

Chris Taggart will be talking about his experience with it tomorrow in "How the Biggest Open Database of Companies was Built."

[SEMIC Interoperability Conference 2012](#), Brussels, 18th June.



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I could say a lot more but it's time to stop.

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