

Extension of element and value vocabularies

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Vocabulary Extension

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- I want to describe my stuff
 - Well
 - Understandably
 - Sustainably
 - Usefully
 - What are my options?

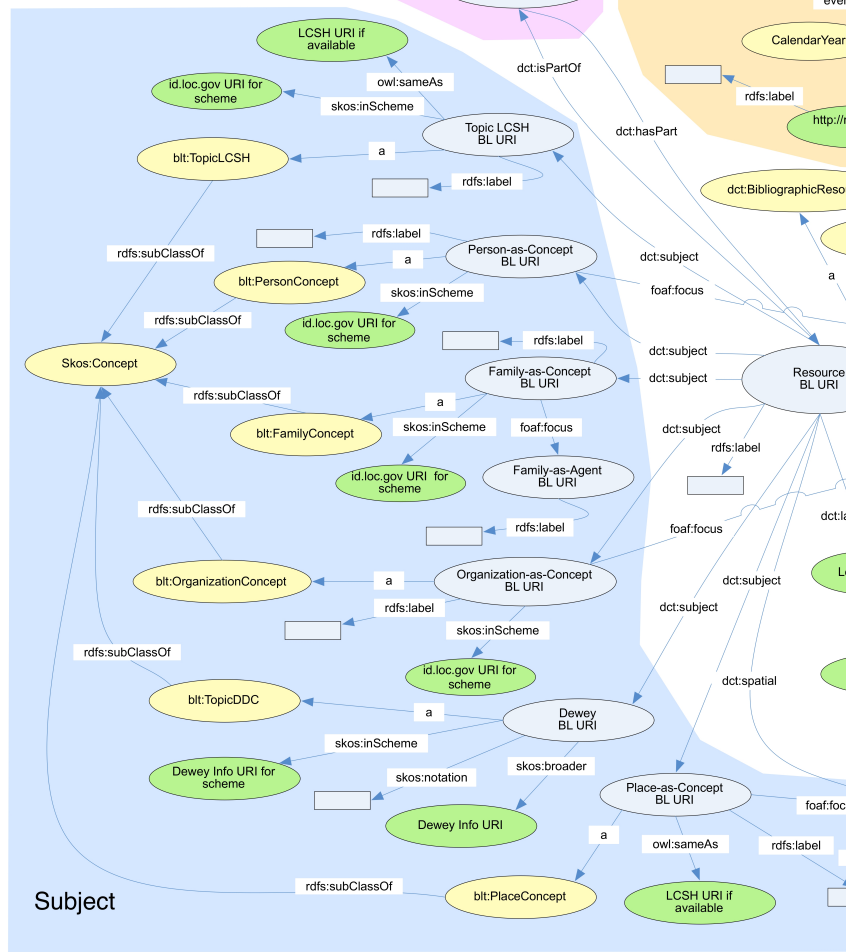
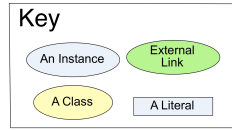
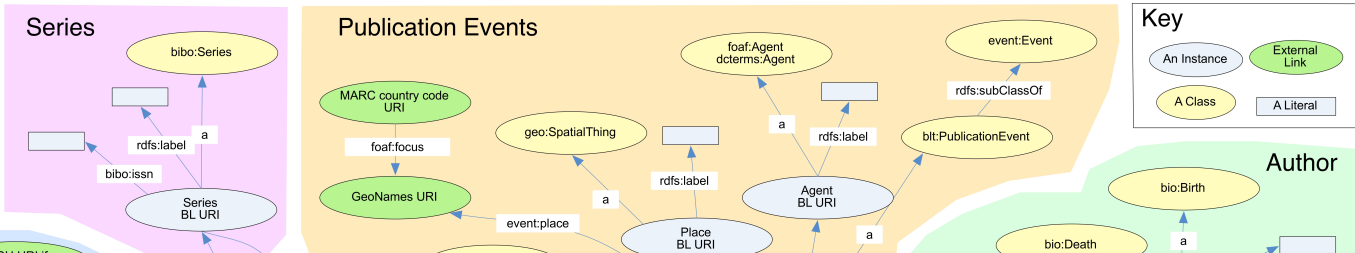
- Create my own vocabulary
- Use an established vocabulary
- Use lots of vocabularies
- Extend a vocabulary

What others do....

British Library Data Model

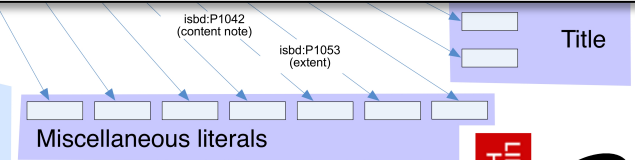
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@prefix blt: <http://data.bl.uk/schema/bibliographic#>.
@prefix rdf: <http://www.w3.org/1999/02/22-rdf-syntax-ns#>.
@prefix rdfs: <http://www.w3.org/2000/01/rdf-schema#>.
@prefix owl: <http://www.w3.org/2002/07/owl#>.
@prefix xsd: <http://www.w3.org/2001/XMLSchema#>.
@prefix dct: <http://purl.org/dc/terms/>.
@prefix isbd: <http://iflastandards.info/ns/isbd/elements/>.
@prefix skos: <http://www.w3.org/2004/02/skos/core#>.
@prefix bibo: <http://purl.org/ontology/bibo/>.
@prefix rda: <http://RDVocab.info/ElementsGr2/>.
@prefix bio: <http://purl.org/vocab/bio/0.1/>.
@prefix foaf: <http://xmlns.com/foaf/0.1/>.
@prefix event: <http://purl.org/NET/c4dm/event.owl#>.
@prefix org: <http://www.w3.org/ns/org#>.
@prefix geo: <http://www.w3.org/2003/01/geo/wgs84_pos#>.
    
```



British Library Data Model

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British Library Data Model

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- What bits of which can I use?
- What if they change ?
- How do I explain my use?

- I don't need the burden!
- [Hopefully] there is one close to my needs
- How to engage?
- What are the challenges?

schema.org

The screenshot shows the 'WebSchemas' page on the schema.org Wiki. At the top, there are navigation tabs for 'page', 'discussion', 'view source', and 'history'. The W3C logo is in the top left. A sidebar on the left contains navigation links (Main Page, Browse categories, Recent changes, Help), a search box, and a toolbox (What links here, Related changes, Special pages, Printable version, Permanent link). The main content area has a 'Contents' table of contents with links to sections 1.1 through 1.6. Below this is the main heading 'Web Schemas' followed by a list of bullet points: 'For schema.org's proposals tracker, see Extension proposals and change control (W3C database entry)', 'Web Schemas is a W3C group used by the schema.org project to collaborate with the wider community.', and 'The group is not just for schema.org; however, there is more traffic here about schema.org because it is the only schema.org mailing list. Other projects/vocabularies are very welcome also!'. The 'Introduction' section begins with the text: 'This is the main Wiki page for W3C's Semantic Web Interest Group Web Schemas task force. Amongst other roles, it serves as a public discussion forum for Schema.org, including Extension proposals. The taskforce chairs are R.V.Guha (Google) and Dan Brickley (Vrije Universiteit Amsterdam and Google)'. A large, semi-transparent red watermark with the text 'A community' is overlaid diagonally across the center of the page.

- They might not agree with your needs
- Naming semantics
- Domain / Range
- Time

Issues...