

Linked Data

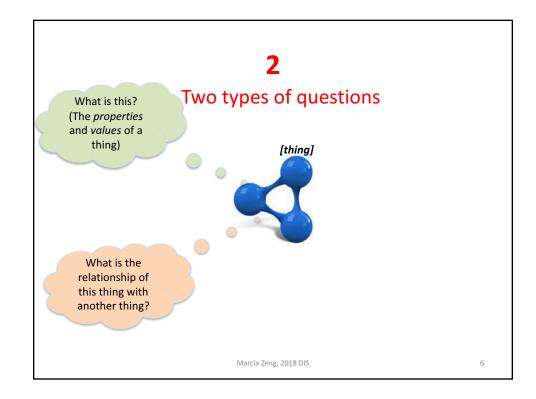
-- is about:

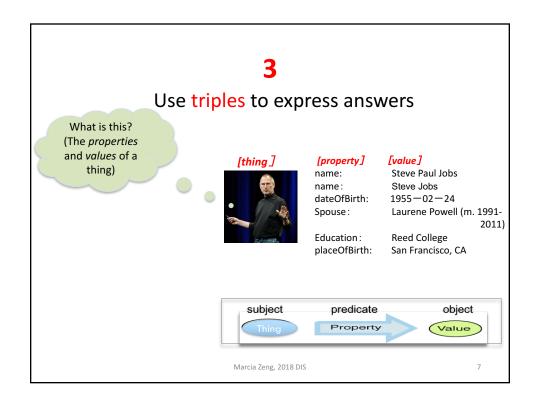
- using the Web to connect related data that was not previously linked,
- using the Web to lower the barriers to linking data currently linked using other methods. [1]
- -- is a term used to describe a method of exposing, sharing, and connecting data on the Web using URIs and RDF

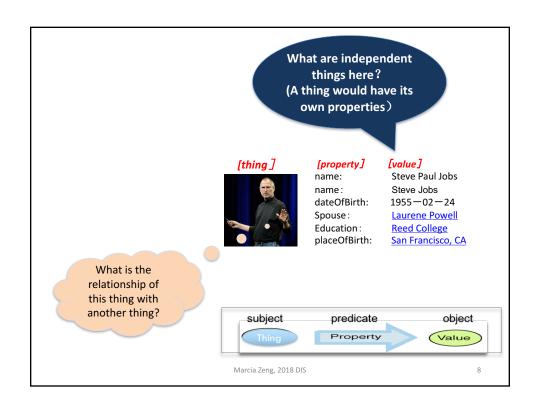
HOW?

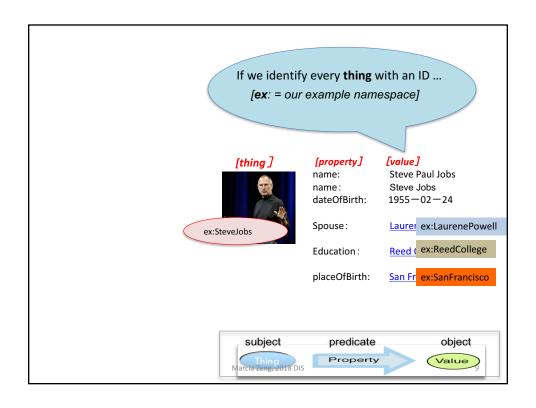
Marcia Zeng, 2018 DIS

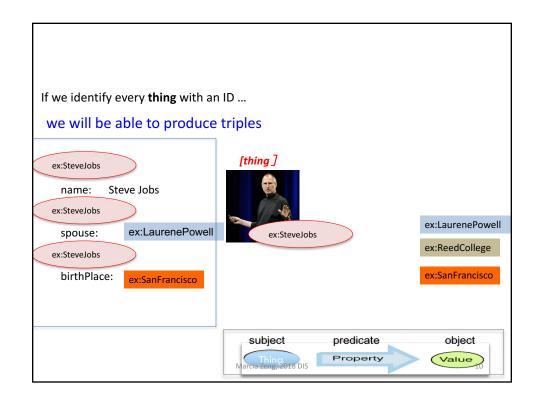
[1] http://linkeddata.org/

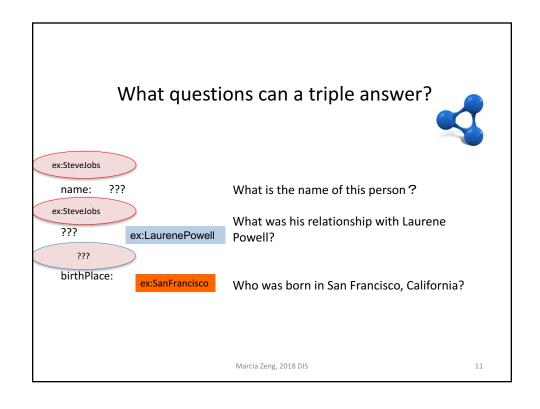


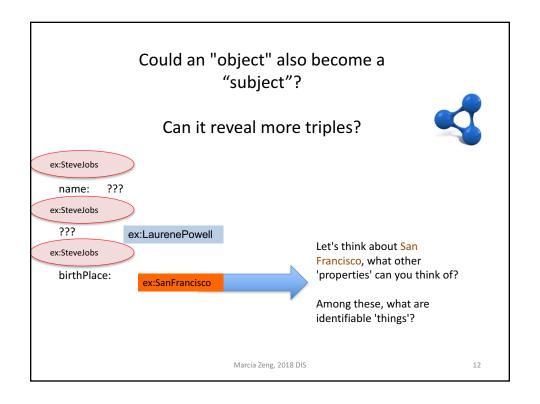


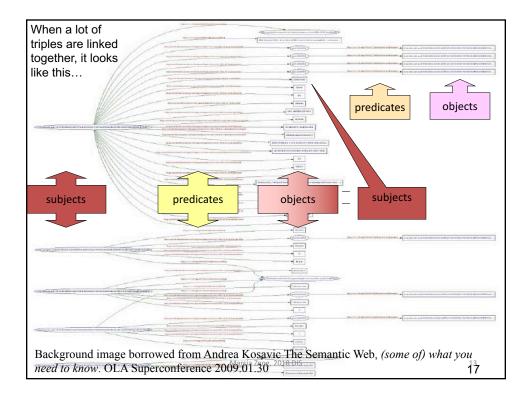












3 (cont.) RDF Triples

- RDF = Resource Description Framework
 - RDF is a language for representing information about resources in the World Wide Web.
 - RDF is to data as HTML is to documents.

 If you want to create a webpage, you use HTML.
- The RDF model is based on the principle of making logical statements about resources in the form of subject-predicateobject expressions (called triples in RDF terminology).
- The greatest use of RDF is
 - not restricted to encoding information about web resources;
 - used to provide information about, and relations between, *things* in the real world: people, places, concepts, and the like.

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