

(12) rdf: http://www.w3.org/1999/02/22-rdf-syntax-ns#

(7) rdfs: http://www.w3.org/2000/01/rdf-schema#

(8) owl: http://www.w3.org/2002/07/owl#

(1) foaf: http://xmlns.com/foaf/0.1/ (126) dcat: http://www.w3.org/ns/dcat#

(2) skos: http://www.w3.org/2004/02/skos/core#

(3) purldc: http://purl.org/dc/terms/

purldc:subject



Illustration by Timothy Lebo, RPI 2011 Jul 29

skos:Concept

dcat:Distribution Represents a specific available form of a dataset. Each dataset might be available in different forms, these forms might represent different formats of the dataset, different endpoints,... Examples of Distribution include a downloadable CSV file, an XLS file representing the dataset, an RSS endpoint that enables access to the dataset.

dcat:accessURL

describes availability of a dataset. This can be a direct download link, an HTML page containing a link to the actual data, Feed, Web Service etc. the semantic is determined by its domain (Distribution, Feed, WebService, Download).

dcat:bytes

describe size of resource in bytes

dcat:size >

rdfs:subPropertvOf

describe data size e.g. file size

dcat:Download represents a downloadable distribution of a dataset. Use accessURL to point to the downloadable file (should be a direct download link, use Distribution if not)

dcat:WebService represents a web service that enables access to the data of a dataset

dcat:Feed represent a feed endpoint that enables access to the data of a dataset

purldc:extent