

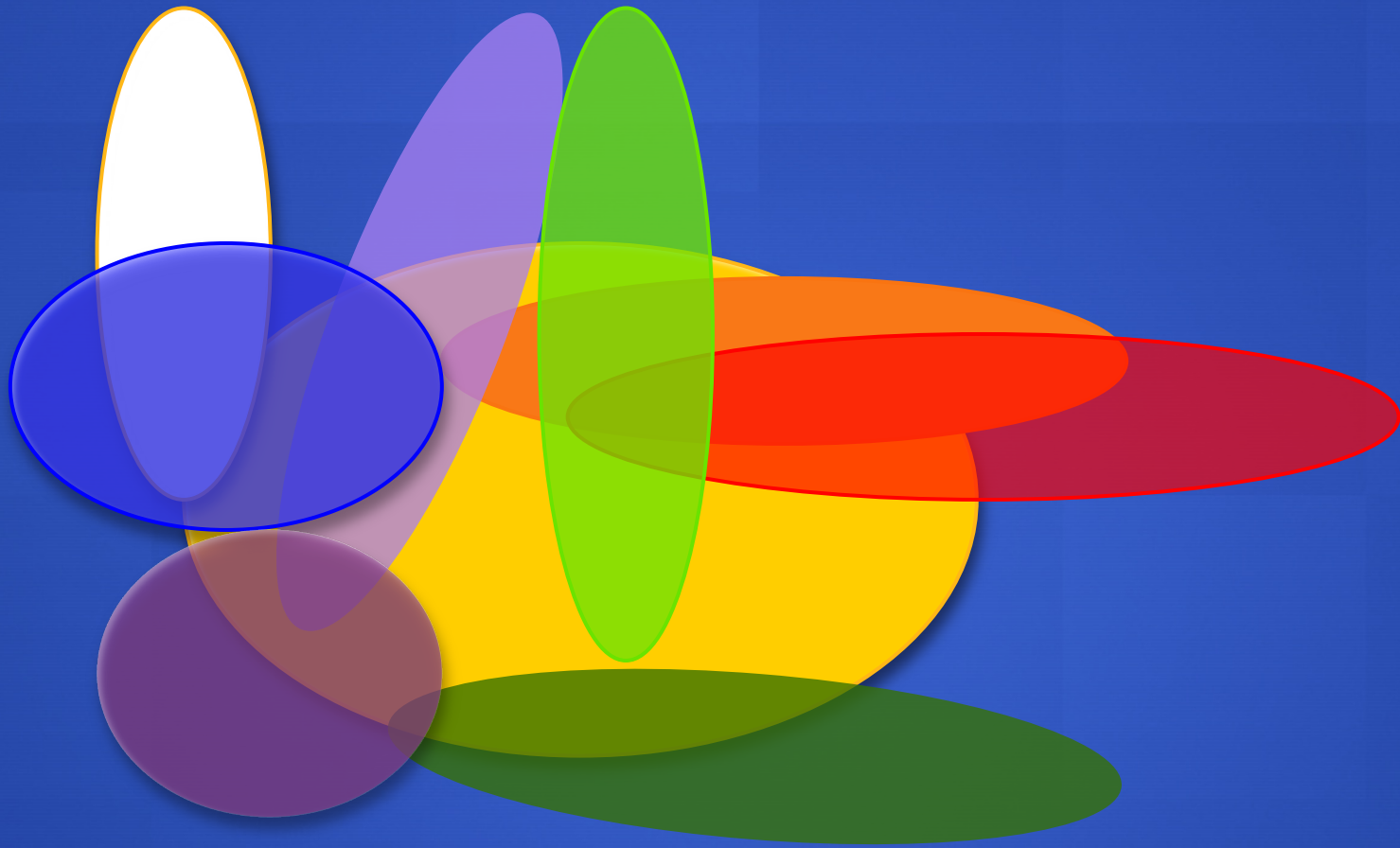


Libraries and linked data

Karen Coyle
July, 2013



Separate data
stores



Shared data
space

Re-use, mix'n'match



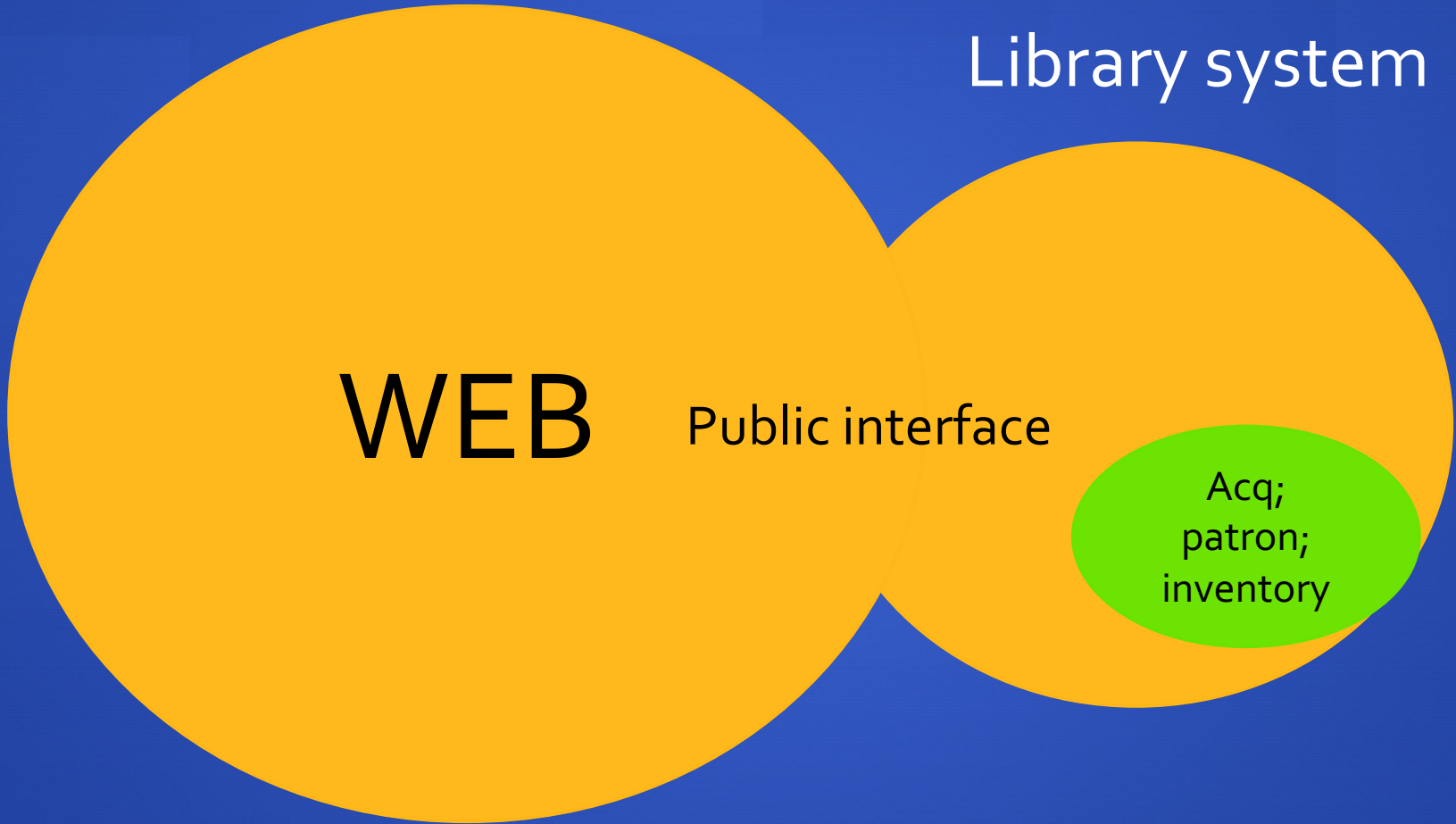
Anyone can make
connections

Library system

WEB

Public interface

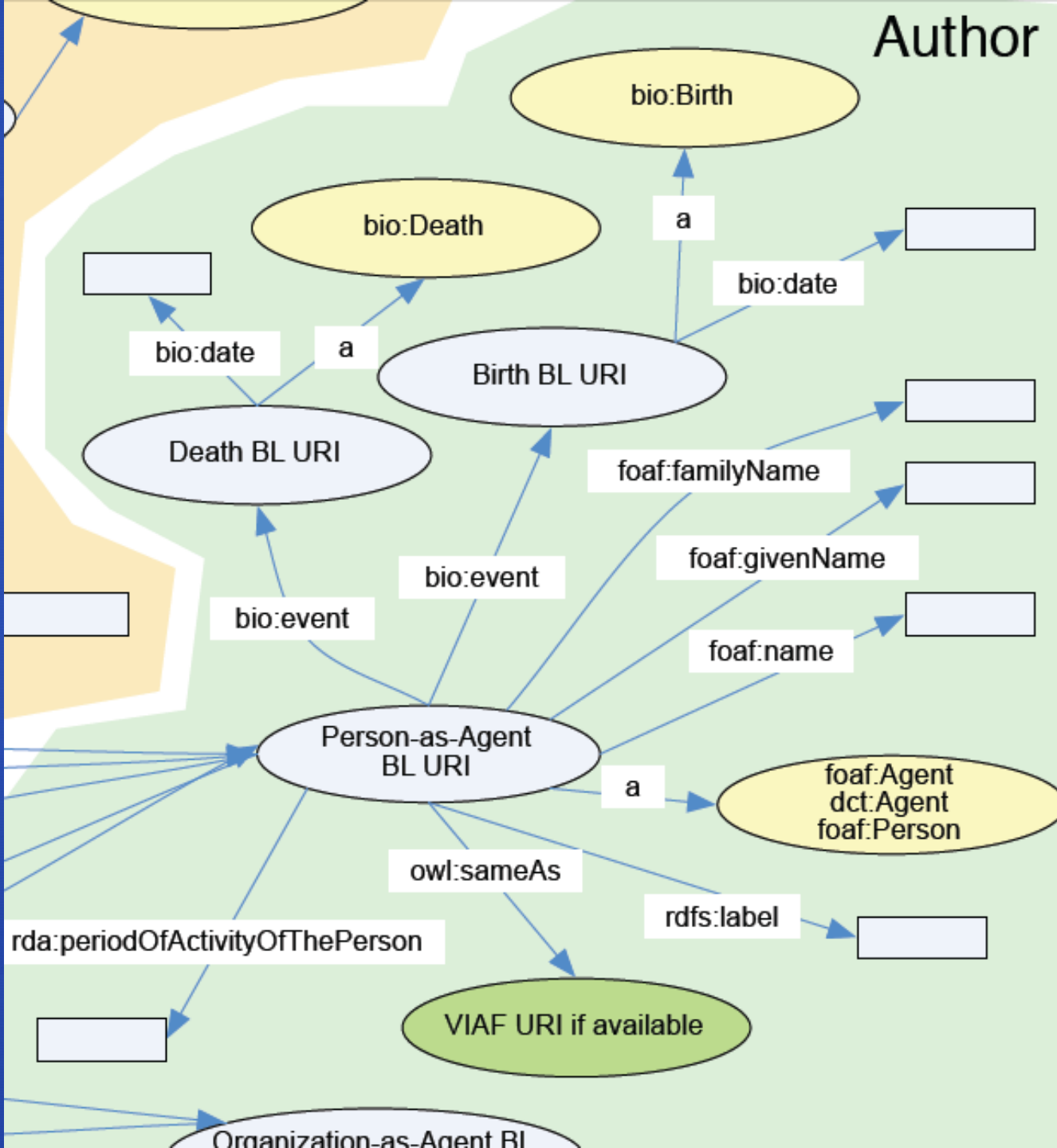
Acq;
patron;
inventory



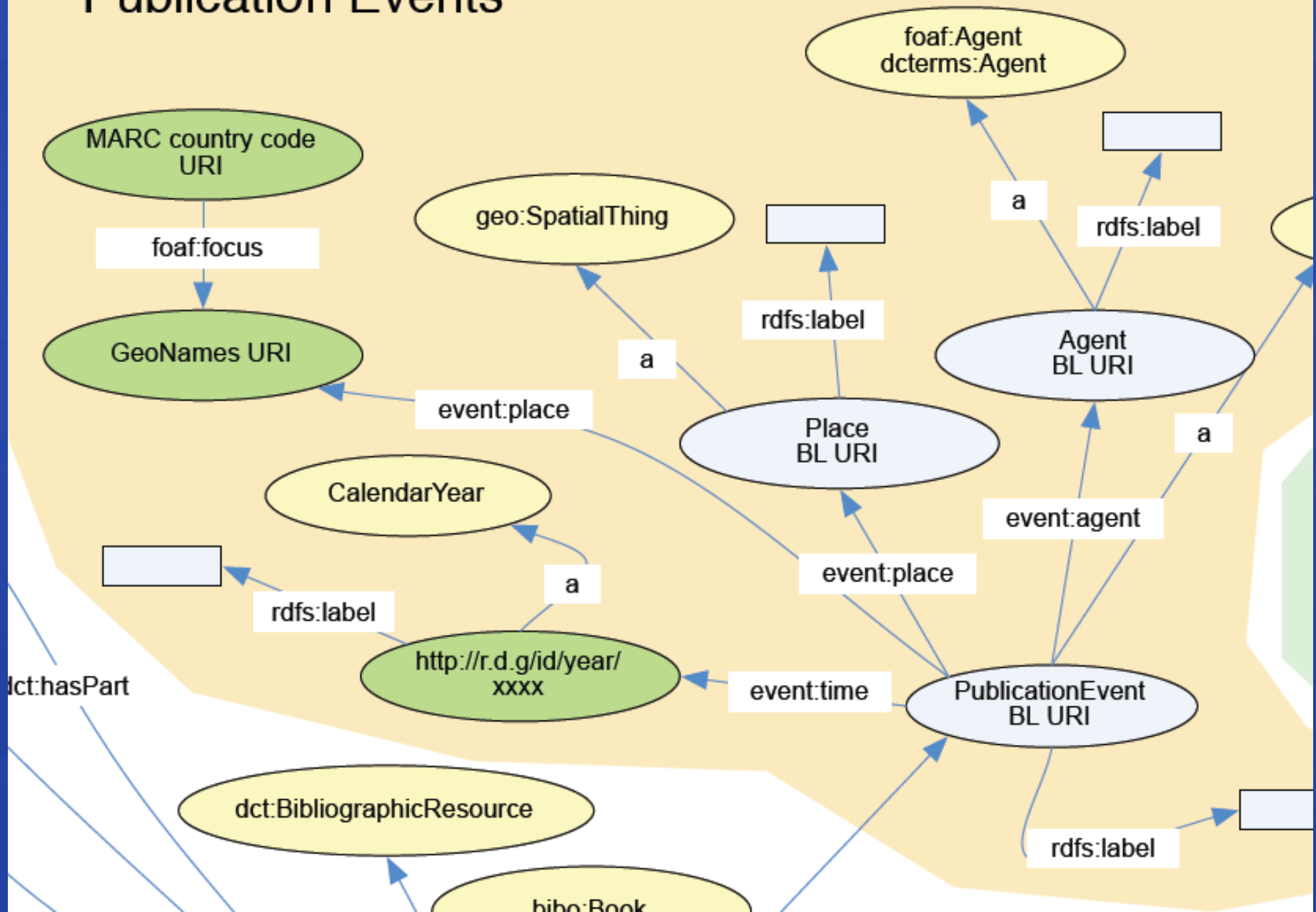
“mix’n’match”

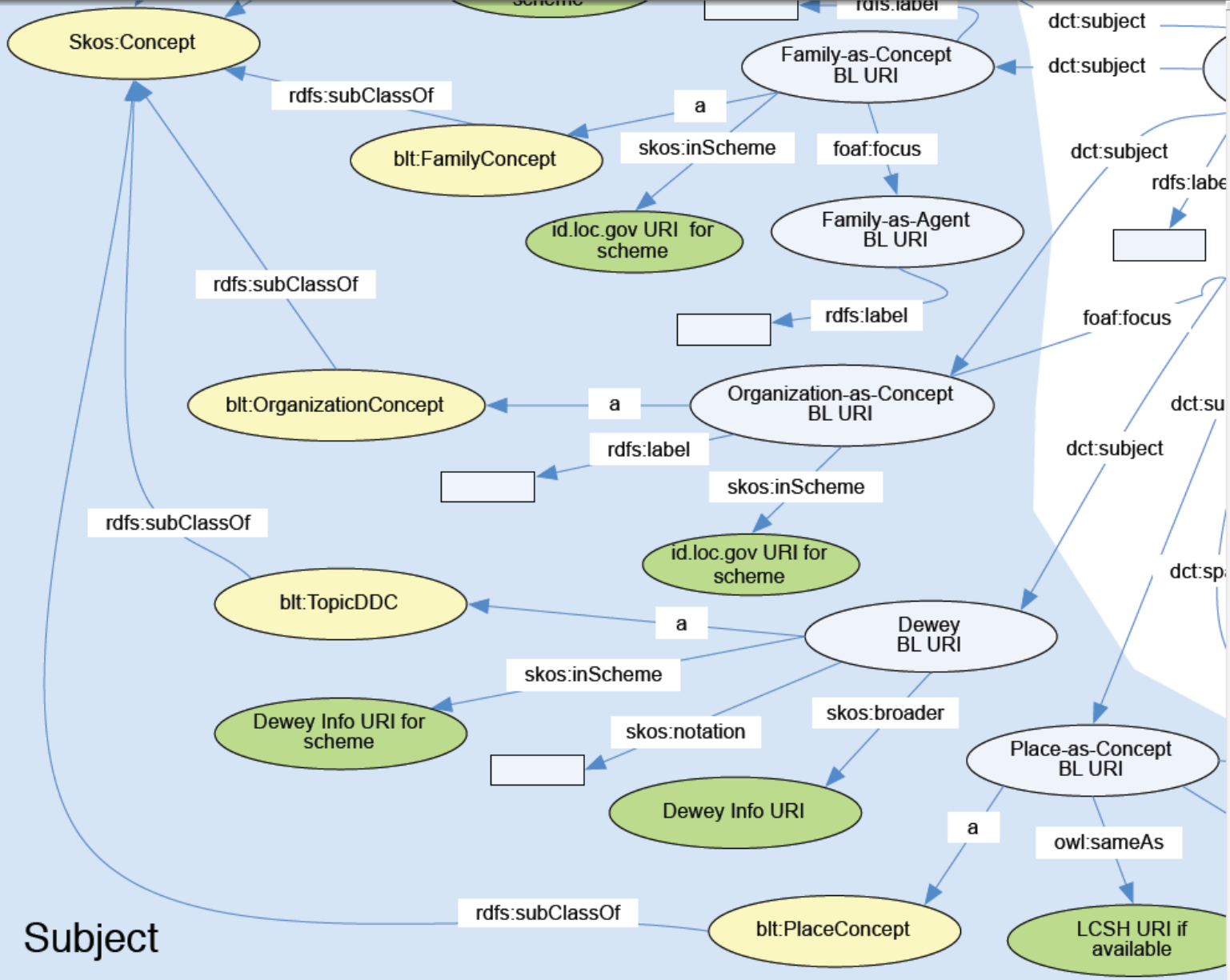
using elements from the open web space

Author



Publication Events





Subject

Linked data for linking out

Making use of resources
outside of the library.

- LIBRIS – Swedish National Library
- OpenAGRIS - FAO

LIBRIS – National Library of Sweden

5 of 110 ◀ [Previous record](#) | [Next record](#) ▶ [To hitlist](#)

Overview

Details

- DBPedia
- id.loc.gov (LoC linked data)
- MusicBrainz
- VIAF
- ...

▼ Related titles



Vitbok : militärens hemliga nätverk i arbetar...

Book (2001, 1. uppl.)

Kokk, Enn, 1937–

▼ Search outside LIBRIS

Title in Google Book Search: ?

- **Kommunistjägarna :**

Extend your search to:

- Google
- Google Book Search
- Google Scholar
- Scirus
- LibraryThing

Wikipedia about the author:

- Thomas Kanger

OpenAGRIS

OpenAGRIS
BETA

Find resources...

AGRIS About Feedback

▼ Source:

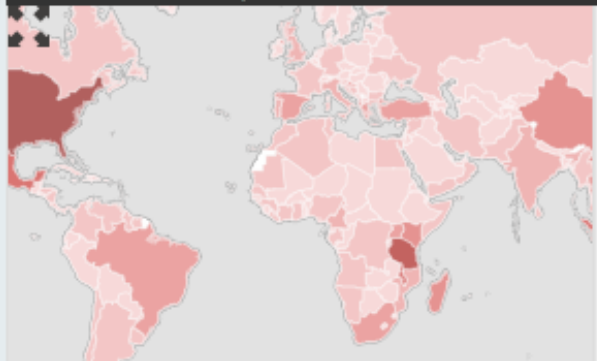
**The Agriculture, Forestry and Fisheries
Research Information Technology Center**

HOME PAGE: <http://www.affrc.go.jp/en/>

COVERAGE: Asia

Data from **World Bank** (double-click an area to zoom)

Fish species, threatened



Fish species, threatened
3 102

- DBPedia
- Global Biodiversity Information Facility (GBIF)
- FAO Geopolitical Ontology
- AGRIS serials dataset
- Global capture production - FAO Fishery Statistical Collections
- World Bank

Data from www.nature.com

▶ Economics: Sustainable fisheries

Ministry of Agriculture and Fisheries Fishery Investigations Series 2, Vol 9, No 2, 1926
▶ Plaice-egg Production in 1920-21, treated as a Statistical Problem, with Comparison between the Data from 1911, 1914 and 1921

Fisheries science: How many more fish in the sea?

▶ Fisheries science: why mothers matter

Data from **DBPedia**:

▶ Economics

am... in
winter, there was an increase in the inventory of fresh salmon. In

Linked data for linking in

schema.org

in

WorldCat
and
Evergreen

The screenshot displays three distinct data snippets, each enclosed in a white box with a thin black border, illustrating linked data. The first snippet is for 'Little Water Cantina - Eastlake - Seattle, WA', featuring a link to the Yelp page, category information, a star rating, and a review snippet. The second snippet is for a 'Vegetarian Vegan Pizza No Cheese) Recipe - Food.com - 248865', including a link to the recipe, a star rating, and a review snippet. The third snippet is for 'Leonard Cohen - Free listening, videos, concerts, stats, & pictures at ...', featuring a link to the Last.fm profile, a brief bio, and a table of tracks with durations.

Little Water Cantina - Eastlake - Seattle, WA
www.yelp.com > Restaurants > Mexican
★★★★☆ 90 reviews - Price range: \$\$
90 Reviews of **Little Water Cantina** "Three things are on my list when I eat out: great food, atmosphere, and

Vegetarian Vegan Pizza No Cheese) Recipe - Food.com - 248865
www.food.com/recipe/vegetarian-vegan-pizza-no-c...
★★★★★ 2 reviews - 1 hr 32 mins - 242.9 cal
Aug 26, 2007 - This is from my dad, who developed some **vegan recipes** ...
... doesn't have any cheese, and you

Leonard Cohen - Free listening, videos, concerts, stats, & pictures at ...
www.last.fm/music/Leonard+Cohen
Watch videos & listen to **Leonard Cohen**: Suzanne, Hallelujah & more, plus 132 pictures. **Leonard Cohen**, (born September 21, 1934 in Montréal, Quebec, ...

Track	Duration
Suzanne	♫ 3:48
The Darkness	♫ 4:29
Going Home	♫ 3:51
Hallelujah	♫ 6:12

Title

Author

Status

services

Location

Moby Dick; notes / including introduction, list of characters, synopsis, character analyses, questions, answers, James Lamar, 1927-

Central Library 809c M497m CHECK SHELF

View all 2 available copies/volumes

Location	Call No.	Status
Central Library	809c M497m	CHECK SHELF
Reference Desk	809c M497m	LIB USE ONLY

Hold this for me Add to marked list More info Explore

Contents

as code

```
<div itemscope itemtype="http://schema.org/Book">
  <abbr class="unapi-id" title="tag:localhost,2013:biblio-
record_entry/211"></abbr>

  <div><div>
    <h1 itemprop="name">
      Semantic web : ontology and knowledge base enabled tools,
      services, and applications / Amit Sheth, editor.</h1>
    <div>
      <span>
        <a href="/eg/opac/results?query=%20Sheth%20A"
          itemtype="http://schema.org/Person"
          itemprop="contributor">
          <span itemprop="name">Sheth, A. (Amit),</span>
          <span itemprop="birthdate">1959</span>
          - </a> (Editor).
        </span>
      </div></div></div></div>
```

WorldCat + schema.org

label: Neyman, Jerzy,
1894-1981.

href: <http://viaf.org/viaf/24666861>

name: publisher

child:

type: Organization

property:

name: University
of California
Press

property:

oclcnum: 527725

datePublished: 1967

inLanguage: en

name: A selection of early statistical papers of J. Neyman.



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WorldCat[®]

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The heritage of Copernicus: theories "pleasing to the mind".

People

Jerzy Neyman
Jerzy Neyman (April 16, 1894 - August 5, 1981), born Jerzy Sptawa-Neyman, was a Polish American mathematician and statistician who spent most of his professional career at the University of California, Berkeley.
[Wikipedia page for Jerzy Neyman](#)
<http://www.jstor.org/stable/2983716>
<http://www.amstat.org/about/statisticianhistory...>



Nicolaus Copernicus
Nicolaus Copernicus was a Renaissance astronomer and the first person to formulate a comprehensive heliocentric cosmology which displaced the Earth from the center of the universe. Copernicus' epochal book, *De revolutionibus orbium coelestium* (On the Revolutions of the Celestial Spheres), published just before his death in 1543, is often regarded as the starting point of modern astronomy and the defining epiphany that began the scientific revolution. His heliocentric model, with the Sun at the center of the universe, demonstrated that the observed motions of celestial objects can be explained without putting Earth at rest in the center of the universe. His work stimulated further scientific investigations, becoming a landmark in the history of science that is often referred to as the Copernican Revolution. Among the great polymaths of the Renaissance, Copernicus was a mathematician, astronomer, physician, quadrilingual polyglot, classical scholar, translator, artist, Catholic cleric, jurist, governor, military leader, diplomat and economist. Among his many responsibilities, astronomy figured as little more than an avocation—yet it was in that field that he made his mark upon the world.
[Wikipedia page for Nicolaus Copernicus](#)
<http://csep10.phys.utk.edu/astr161/lect/retrograde...>
<http://copernicus.torun.pl/en/project/>
<http://www.visittorun.pl/index.php?strona=6>
<http://www.hao.ucar.edu/Public/education/bios/dere...>
<http://digital.lib.lehigh.edu/planets/cop.php?num=...>
<http://www.archive.org/details/aristarchusofsam00h...>
<http://www.buero-kopernikus.org/en/home/31/0/0>

Topics

Some of the topics shown below may not be relevant for this title. That is due to the matching algorithm used in the WorldCat Facebook app, not caused by the underlying WorldCat Linked Data. Matches are found by searching Wikipedia with an OCLC FAST subject heading, and the keyword-matched results can sometimes be off topic.

Science

Science is a systematic enterprise that builds and organizes knowledge in the form of testable explanations and predictions about the world. An older and closely related meaning still in use today is that of Aristotle, for whom scientific knowledge was a body of reliable knowledge that can be logically and rationally explained. Since classical antiquity science as a type of knowledge was closely linked to philosophy. In the early modern era the two words, "science" and "philosophy", were sometimes used interchangeably in the English language. By the 17th century, "natural philosophy" (which is today called "natural science") had begun to be considered separately from "philosophy" in general. However, "science" continued to be used in a broad sense denoting reliable knowledge about a topic, in the same way it is still used in modern terms such as library science or political science. In modern use, science is "often treated as synonymous with 'natural and physical science', and thus restricted to those branches of study that relate to the phenomena of the material universe and their laws, sometimes with implied exclusion of pure mathematics. This is now the dominant sense in ordinary use. " This narrower sense of "science" developed as a part of science became a distinct enterprise of defining "laws of nature", based on early examples such as Kepler's laws, Galileo's laws, and Newton's laws of motion. In this period it became more common to refer to natural philosophy as "natural science". Over the course of the 19th century, the word "science" became increasingly associated with the disciplined study of the natural world including physics, chemistry, geology and biology. This sometimes left the study of human thought and society in a linguistic limbo, which was resolved by classifying these areas of academic study as social science. Similarly, several other major areas of disciplined study and knowledge exist today under the general rubric of "science", such as formal science and applied science.
[WorldCat books and more about Science](#)
[Wikipedia page for Science](#)
<http://www.sciencenewsline.com/>



“rich snippets”

[Steve Jobs: Walter Isaacson: 9781451648539: Amazon.com: Books](#)

www.amazon.com/Steve-Jobs-Walter-Isaacson/dp/1451648537

★★★★★ Rating: 4.3 - 1348 reviews - \$18.78 - In stock

... Textbooks · Sell Your **Books** · **Steve Jobs** and over one million other **books** are available for Amazon Kindle. Audio, CD, Abridged, **Audiobook**, \$19.79, --, -- ...

[Steve Jobs](#) - [Steve Jobs: Walter Isaacson](#) - [Editorial Reviews](#)

[Steve Jobs \(Book\)](#)

en.wikipedia.org/wiki/Steve_Jobs_%28book%29

Autobiography of Steve Jobs...

[Amazon](#)

[Barnes and Noble](#)

[Berkeley Public Library](#)

On shelf

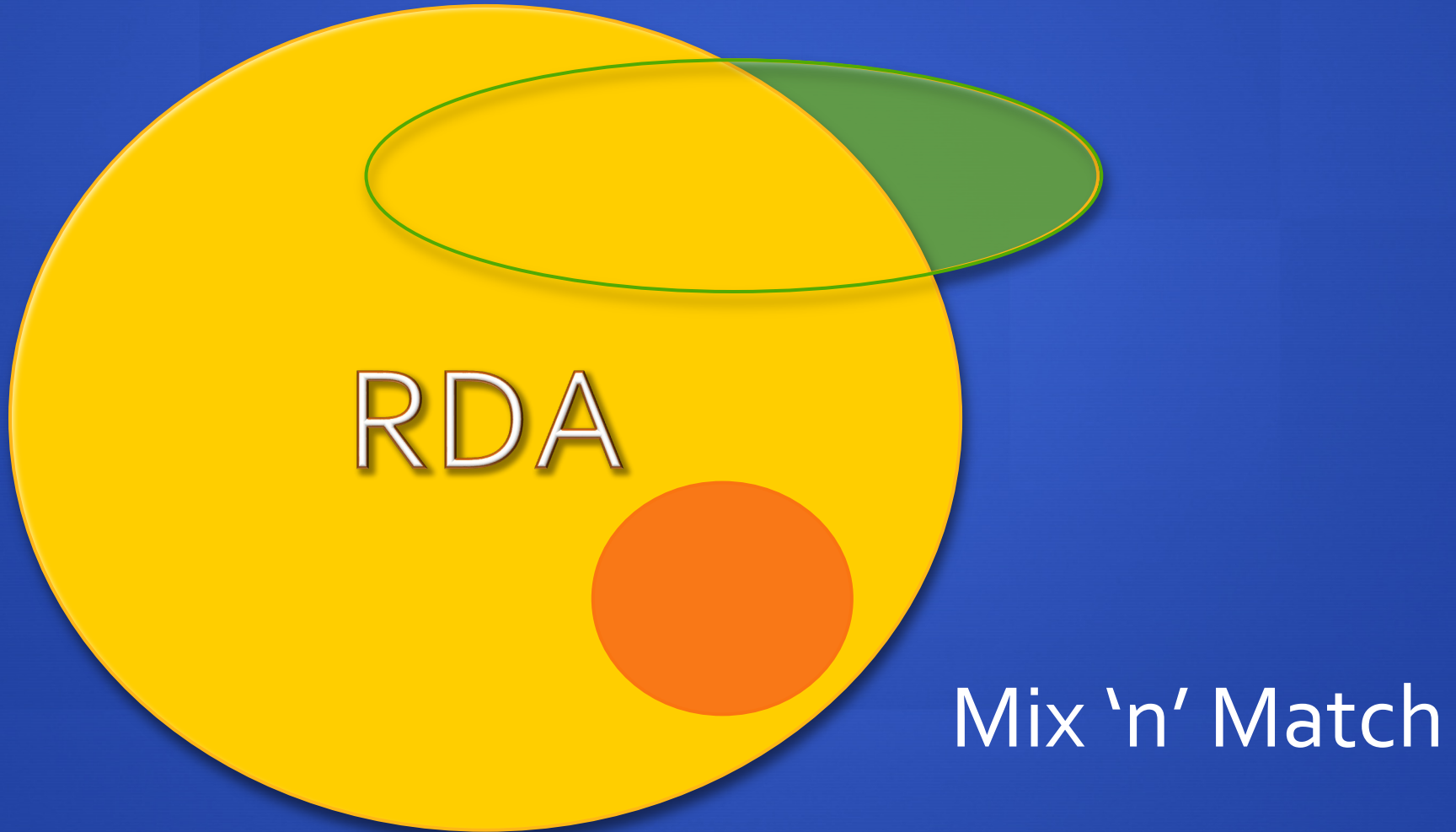
[Place hold](#)

[Oakland Public Library](#)

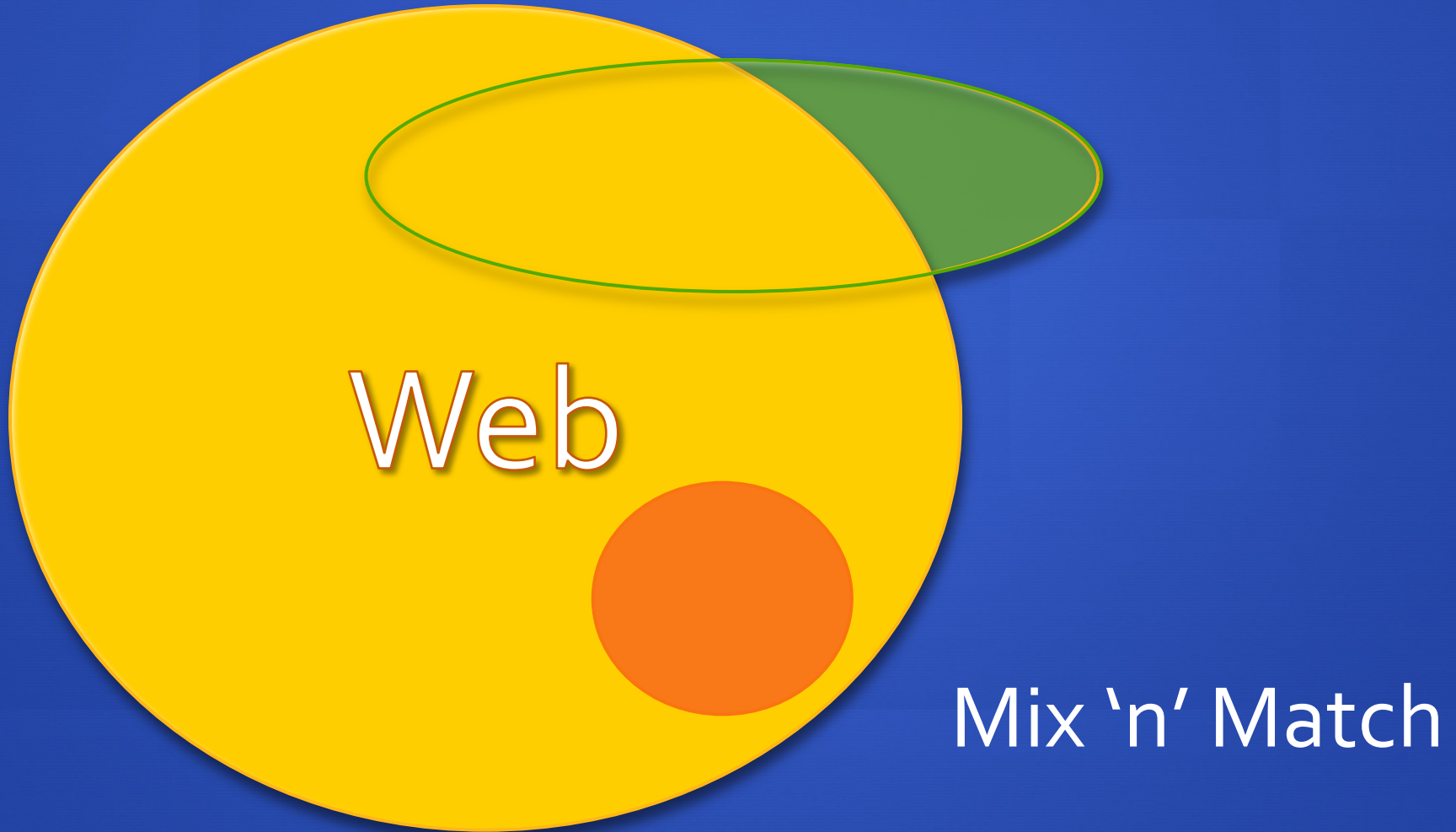
e-book

[Check out](#)

community profiles



community profiles



Thanks

<http://kcoyle.net/presentations/links.html>
