Assignment:

- Think about your favorite words from the cloud
- Some of the biggest are:
  - Work, elements, properties, data, bibliographic, MARC, XML, description, vocabulary, BIBFRAME, community, library, records, resources, Schema.org, format, new
- Some little interesting ones – yes, webmasters, identifies, adapted, people, future, easier ….

What is the ultimate goal of all this linked data stuff?

- Get library data out on the open web?
- Make Google happy?
- Context
- Openness and accessibility?
- Torture librarians?

- All of the above
Flavors we’ll hear about today

- Schema.org
- BIBFRAME
- europeana & other European efforts (DPLA)

What is Schema.org?

“html tags, that webmasters can use to markup their pages in ways recognized by major search providers”
Twelve years a slave.

Author: Solomon Northup, Sue L. Eakin, Joseph Logsdon
Publisher: Baton Rouge, Louisiana State University Press (1998)
Series: Library of Southern Civilization
Edition/Format: Book, Biography, English
Database: WorldCat
Summary: The story of Solomon Northup is a tragic and incredible one. Born a free black in New York State in 1808, he was kidnapped in Washington, D.C., in 1841, and spent most of the next 12 years as a slave on a Louisiana plantation. His years in this condition of servitude were filled with abuse, apprehension, and a profound fear for his life (he narrowly escaped lynchng). Northup's years in captivity are

Rating: (Not yet rated)
Subjects: Plantation life - Louisiana, Slavery - Louisiana, Plantations, Vie dans les - Louisiane
What is BIBFRAME?

“In addition to being a replacement for MARC, BIBFRAME serves as a general model for expressing and connecting bibliographic data. A major focus of the initiative will be to determine a transition path for the MARC 21 formats while preserving a robust data exchange that has supported resource sharing and cataloging cost savings in recent decades.”
Northup, Solomon, 1808-1863?

[Hyperlink to the record for Solomon Northup, 1808-1863.]
What is Europeana?

http://vimeo.com/36752317
Europe is ahead of us

- BnF (Bibliothèque nationale de France) Linked data efforts: [http://data.bnf.fr/semanticweb](http://data.bnf.fr/semanticweb)
- The Open Cat Prototype: Small libraries utilize BnF linked data
  - [http://swib.org/swib13/slides/simon_swib13_104.pdf](http://swib.org/swib13/slides/simon_swib13_104.pdf)
- DNF (Deutsche Nationalbibliothek) BIBFRAME early experimenter
  - [http://www.dnb.de/EN/Wir/Projekte/Laufend/bibframe.html](http://www.dnb.de/EN/Wir/Projekte/Laufend/bibframe.html)
Schema.org vs. BIBFRAME

- Schema.org way to add html tags to web pages – that can be displaying bibliographic information
- OCLC doing this automatically for OCLC member libraries
- Librarians can add to.authorize schema.org definitions
- BIBFRAME way to re-encode MARC in a linked data consumeable way
  - Not ready yet, but best we have so far?
  - Existing MARC data will be batch transformed to BIBFRAME
  - BIBFRAME does have an editor, though
Europe is ahead of us

- Open linked data
- Europeana portal
- National libraries like France & Germany batch converting bibliographic data for benefit of all libraries in the country
  - US doesn’t really have a national library…
- DPLA metadata policies based on europeana open data agreements. No copyright in metadata

What I don’t know

- How this plays out with licensed content??

What I do know

- Tiny % of information searches begin on library websites/in library catalogs
- If I Google a book title, I usually get the Google book – including
  - Only helps if you are an OCLC library
- And searcher is looking for a book
What I recommend

- Become a joiner –
  - Expose metadata
  - Big initiatives like europeana and DPLA can ingest all kinds of metadata – including MARC
  - OCLC is shifting everyone to the WorldShare Metadata Collection Manager – MARC, MARCXML, MODS, DC, all kinds of data from publishers and Hathi Trust …
- Educate yourself – see bibliography
- Advocate for openness

What I believe

- Don’t lose sleep!
- Linked data will be for discovery
- Data & Properties - RULE
- », encoding, screens & screens of RDF
- Do not matter as much as
- Content
- Quality bibliographic information