

Making metadata linked data

The PLODAB experience

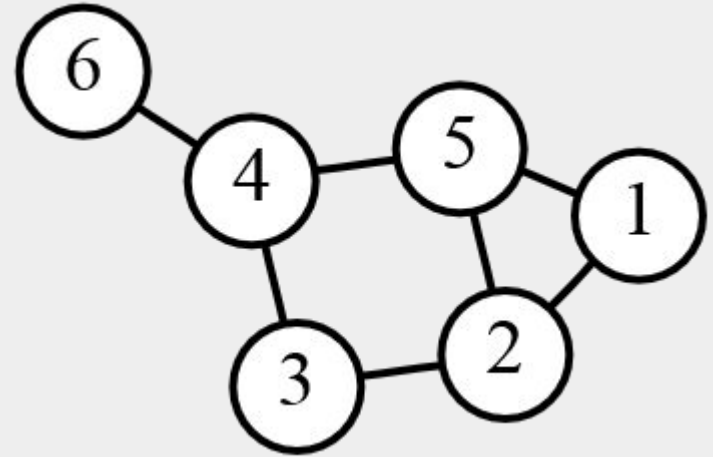
Laura J. Smart

Digital Initiatives Symposium Panel:

Manipulation, Multiplicity, and Metadata:

Piloting Linked Open Data with Artists' Books

2016.04.28



What we did, what we learned

“If you can’t be a good example, then
you’ll just have to be a horrible warning”

Catherine Aird



★ WE HAVE A ★
★ STRATEGIC ★
★ PLAN ★
IT'S CALLED
DOING
★ THINGS. ★
★

-Herb Kelleher

Month 1-3

Planning process

While we

- selected works
- digitized
- reviewed ILS metadata

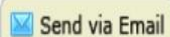
We also

- considered personas
- wrote use cases
- derived reqs
- evaluated systems

Author Jacobs, Diane (Diane E.), 1966-, artist
Title **Alphabet tricks / by Diane Jacobs**
Published [Portland, Oregon] : Scantron Press, 2000

More Resources:
[Google Books](#)
[Find Exact Title in Melvyl](#)

Location	Call #	Status
Langson Library Special Collections Gen	N7433.4.J336 A43 2000	LIBRARY USE ONLY



Permanent link to this ANTPAC record <http://antpac.lib.uci.edu:80/record=b3191751~S7>

Description 15 unnumbered leaves : illustrations ; 11 cm

Content Type text

still image

Medium unmediated

Format volume

Subject - LCSH Women

Alphabet in art

Sexism in language

Genre/Form Artists' books -- Oregon -- 20th century.

Alphabet books -- 20th century.

Accordion fold format (Binding) -- 20th century.

Other author Scantron Press, publisher

Women's Studio Workshop

Mobile:





Alphabet tricks

Alphabet tricks

An alphabet book of sexist language about women. Book consists of 15 printed cards which slide into transparent paper sleeves (bound in accordion fold format) silkscreened with illustrations. Special scalloped magnifying glass attached to front cover. Edition limited to 120 copies, signed and numbered by the artist. "This book was hand-set in Weiss Roman, Weiss Italic, and wooden type. The cards were printed on Stonehenge and the images were silkscreened on Kozo paper"—Colophon. In slipcase, as issued.

2000

UCI Libraries. Department of Special Collections and Archives

Scantron Press

Artist's Book

Authors

Jacobs, Diane
(Diane E.), 1966-

Place of
Publication

Portland, OR

Materials

Paper

Subjects

Women

Alphabet in art

Sexism in
language

Techniques

Accordion





Note: This page is for the dull life-as-a-list stuff. If you want to find out about the passions and themes of my work, try the ['about'](#) page instead.

teaching

Professor of Digital Media, Art Department, UC Irvine
Affiliated Faculty, Center in Law, Society, and Culture, UCI
Associate Director, UCI Game Culture and Technology Lab (1999-2014)
Associate Dean for Graduate Affairs, Claire Trevor School of the Arts, UCI (2009-2012; 2014-15)

editable blurb

My heart is virtuality and its discontents. I have an awkward relationship with materiality that tends to put me at

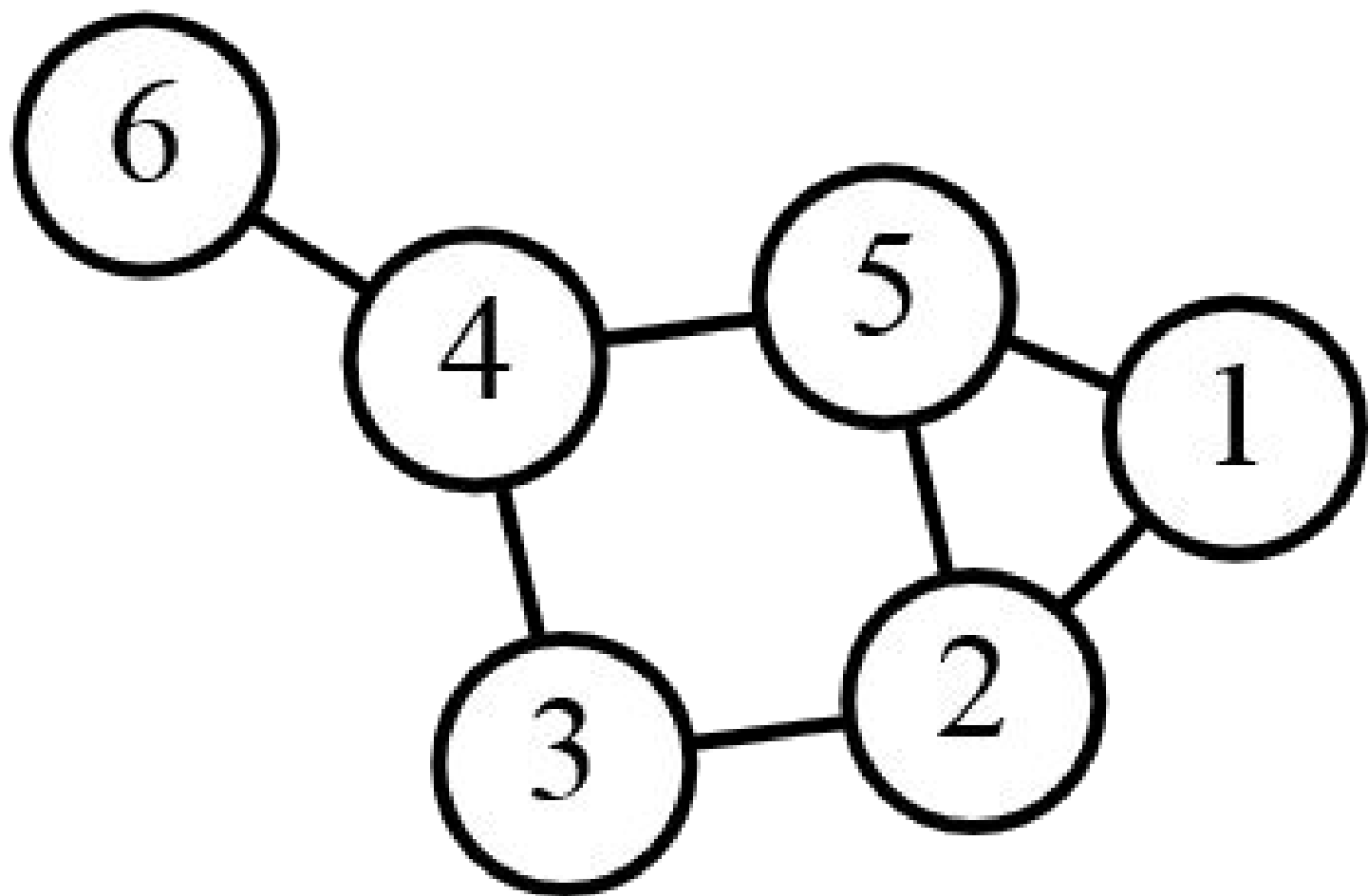
email

alafarge at uci dot edu

related

brief CV (pdf)

EAD blog



I never metadata I didn't like



Picking descriptive metadata

- Context of use
- Format of content
- Descriptive richness

Options under consideration

- AACR2/RDA in MARCXML
- MODS
- CCO/VRA



**KEEP
CALM
AND
USE
VRA Core**

MarcEdit -- Your complete **free** MARC editing utility



MarcEdit

MarcEdit -- Your complete **free** MARC editing utility



MarcEdit



MarcEdit -- Your complete **free** MARC editing utility



MarcEdit



Must store URIs

Must be customizable

Must support complex objects

Must have bulk ingest

Functional requirements specification

Must export metadata as Linked Data

Must support visualization

Must use DC, VRA

We reviewed

Omeka

Scalar

Collective Access

Shared Shelf

Nuxeo/CDL

We went with

Nuxeo/CDL

We were satisfied it met
our need

We didn't just go with it
because it was what we
had

Month 4-8

Prepping and testing

- metadata mapping
- MARC -> tab delimited
- DAMS test ingest
- start hiring process
- test transform tools
 - XSLT
 - csv2VRA

	A	F	G	H	I	J	K
1	Nuxeo metadata scheme			Nuxeo import QA review notes (2015-12)	MARC21 analog element for bulk importing / default data value notes	VRA Core 4.0 analog element	VRA Core 4.0 XML express
2	Basic Information						
3	Field Label	Repeatable	Required?				
4	Title	No	No		245 \$a \$b omit \$c	Title	titleSet/display
5	Alternative Title	Yes	No		246		
6	Identifier	No	No		856 \$u - ADDED 02/02/16		
7	Local Identifier	Yes	No		946	Textref	textrefSet/display
	Type	No	No		Globally supply "physical object"		

Refine

OPEN

*A free, open source, powerful tool
for working with messy data*



VRA Core 4 XML Transform Tool

Reset

Toggle log

App-Version: 1.0.1

Upload CSV

Browse...

No file selected.

Upload

0 lines loaded

Transform CSV

Process lines

2

 to

0

Apply mapping

VRA strict

Transform using preset

Unmodified VRA Core 4 XML

Generate XML

Download

☐ Advanced Mode

⇅

Open full preview

The VRA Core 4 XML Transform Tool is open-source software and can be used freely. For **user documentation**, **.csv templates**, and **a set of sample records** please refer to the [documentation folder on GitHub](#). You may also [download the source code](#) there. If you are happy using the tool or wish to provide feedback, please [drop us a line](#).

Development of the tool was generously supported by the [Visual Resources Association Foundation \(VRAF\)](#) and the [Heidelberg Research Architecture](#) at [Heidelberg Centre for Transcultural Studies](#), University of Heidelberg.



Month 9-10

Finalize metadata &
prototype

- enrichment Getty vocabs
- hand coding VRA-XML
- creating RDF-XML
- hire & train programmer
- prototyping visualizations

Month 11-12

Mad dash to the finish

- final NUXEO load
- connect viz to DAMS
- UCI look & feel
- Ux review
- write, present
- plan phase 2

Process broken down

- Community audit & development
- Use cases & requirements
- Collection development, i.e. choose the stuff
- DAMS decisions
- Metadata standards decisions
- Output decisions
- Standardize metadata inputs and asset formats
- Admin interface design
- Ingest content and descriptions
- Linked data/API output
- Basic user interface design
- Advanced user interface design Enhancements

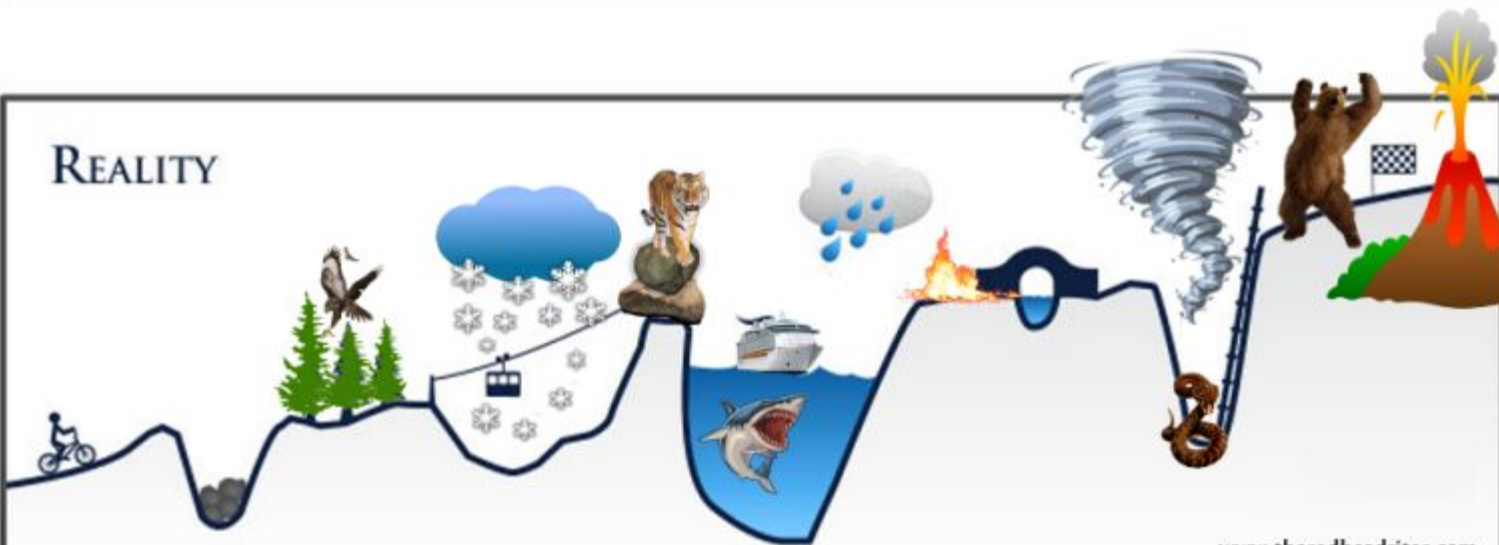
Lessons

- Break down work plan in more detail during grant proposal phase
- Team members should understand general systems dev life cycle:
 - articulate the end product: use cases & functional requirements are your friends
- Heterogeneity is here to stay
- Metadata maxims
 - analyse, clean, enhance FIRST
 - version control
 - estimate time then triple
 - “easy automated tools” may take as long as making records from scratch
- Centralized service priorities \neq your priorities

YOUR PLAN



REALITY





NATIONAL ENDOWMENT FOR THE
Humanities