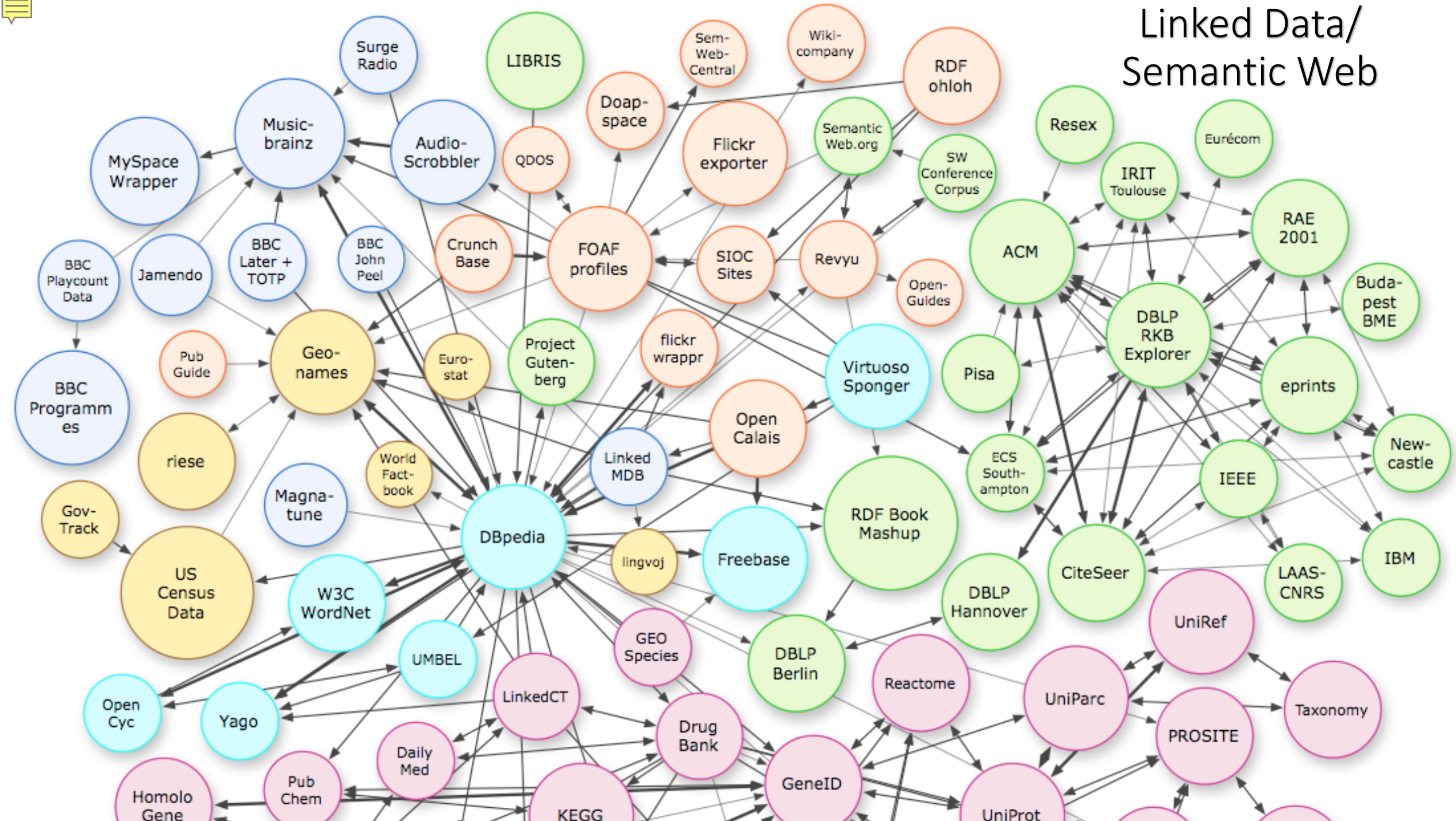
Three Problems in Digital Libraries

THAT WE CAN FIX NOW!

Linked Data/ Semantic Web



Challenge your thinking

I will have to program it by hand….

- Probably done by someone else
- Simi-automatic processing
- Cross walks
- More of a combined effort

URI based controlled vocabularies

Name	Description	URL
Virtual International Authority File	OCLC hosted name authority service	https://viaf.org/
Library of Congress Subject headings	Linked data services for commonly found standards and vocabularies	http://id.loc.gov/
Lexvo	URI referenced controlled list of characters, words, terms	http://www.lexvo.org/
GeoNames	geographical database	http://www.geonames.org/
MARC country and language codes		http://id.loc.gov/vocabulary/countries.html http://id.loc.gov/vocabulary/languages.html
Dewey.info (NOT AVILABLE CURENTLY)	top level classes of Dewey Decimal Classification	https://www.oclc.org/developer/develop/web-services/dewey-web-services.en.html
RDF book mash-up	information about books and their authors	http://wifo5-03.informatik.uni-mannheim.de/bizer/bookmashup/

Lubbock 976 m

P **PPLA2** seat of a second-order administrative division

5525577

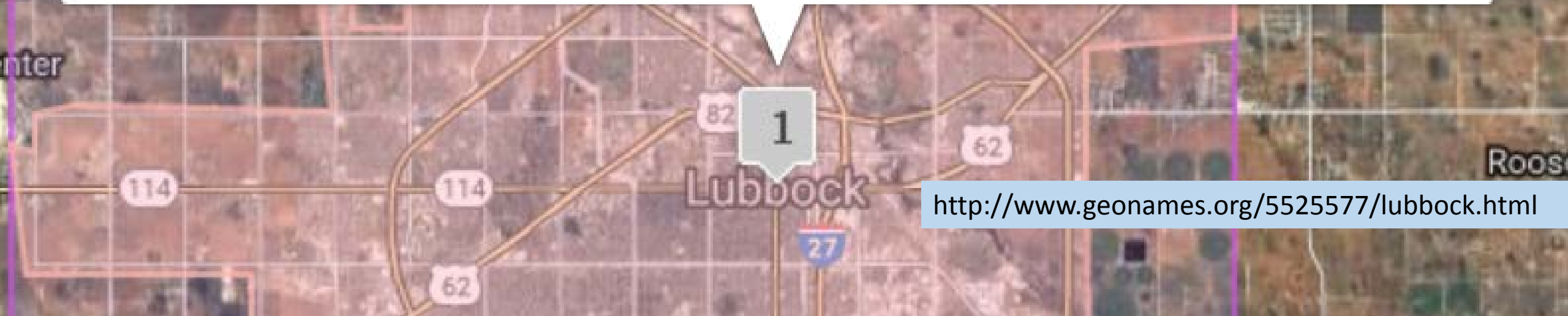
United States US » Texas TX » Lubbock County 303

population : 249042

33.57786, -101.85517

N 33°34′40″ W 101°51′19″

geotree .kml .rdf



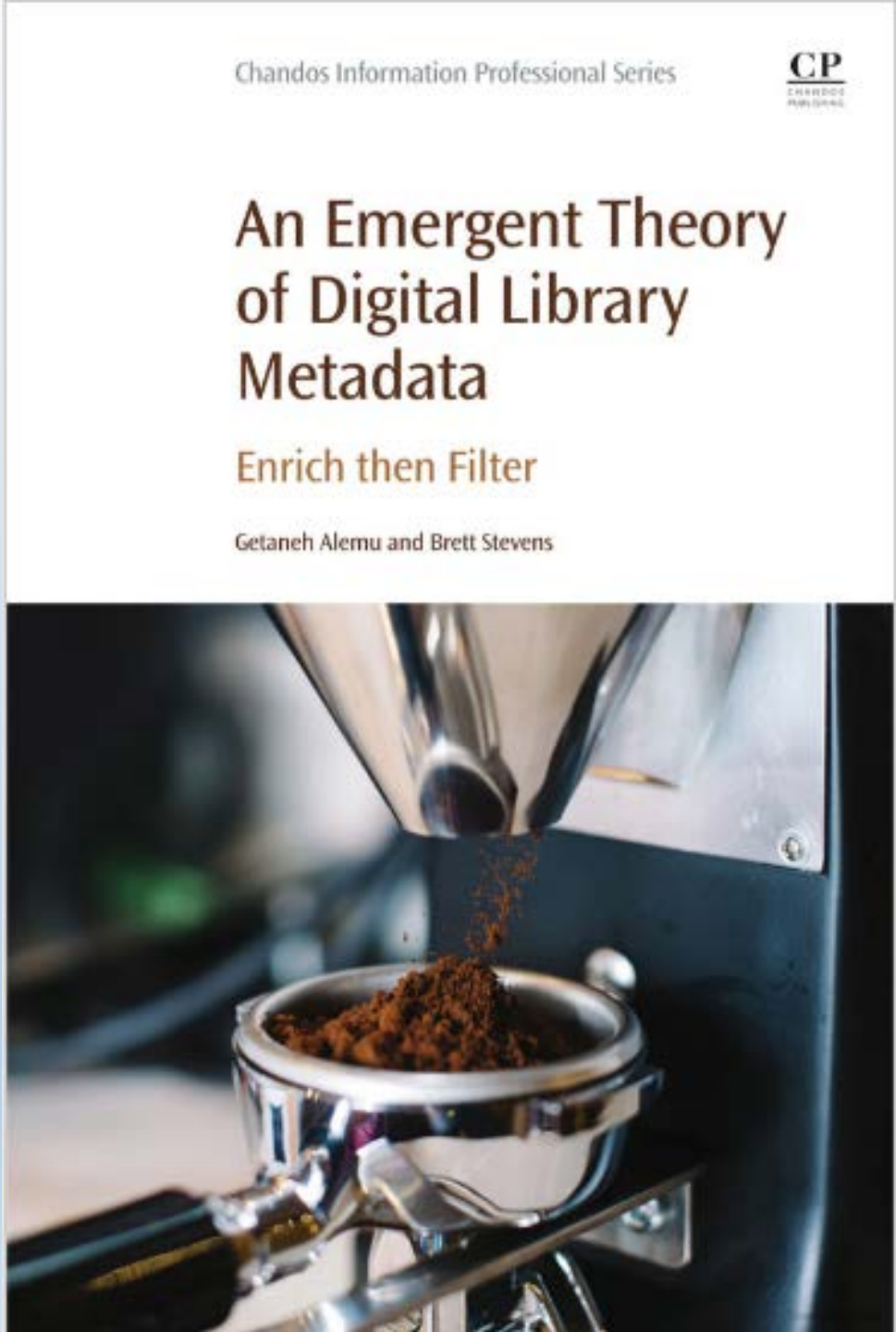
http://www.geonames.org/5525577/lubbock.html

Metadata Registry

Purpose: This metadata registry serves as a central location to store metadata definitions and metadata patterns for Digital Resources Library of Texas Tech University. The metadata registry guarantees me interoperability across instituions based on OAI-PMH standards.

MARC	Dublin Core	Description		Pattern	Example	Fields	Repo
720	dc.contributor.committeeChair	Committee chair of theses and dissertations		Last Name, First Name M.I.	Neuber, Andrea A.	Repeatable. One name for each field, for multiple names, add multiple fields.	Digital R Library I
720	dc.contributor.committeeMember	Committee members of theses and dissertations		Last Name, First Name M.I.	Pare, Paul W.	Repeatable. One name for each field, for multiple names, add multiple fields.	Digital R Library I
720	dc.contributor.editor	Editor of the resources	1	**Use LC Authority** (*http://authorities.loc.gov/*) to identify the editor's name.	Raines, Cadwell Walton, 1839-1906	Repeatable. One name for each field, for multiple names, add multiple fields.	Digital R Library I SWC D-S
			2	Last Name, First Name M.I.	Raines, Cadwell W.		
720	dc.contributor.illustrator	Illustrtor of the resources	1	**Use LC Authority** (*http://authorities.loc.gov/*) & **ULAN** (*http://www.getty.edu/research/tools/vocabularies/*) to identify the illustrator's name	Raines, Cadwell Walton, 1839-1906	Repeatable. One name for each field, for multiple names, add multiple fields.	Digital R Library I SWC D-S
			2	Last Name, First Name M.I.	Raines, Cadwell W.		

Make metadata open, and not just free



Harvard Library Open Metadata

The Harvard Library is committed to making as much of its metadata as possible available through open access in order to support learning and research, to disseminate knowledge and to foster innovation. Open access to metadata aligns with the university's established commitment to open access for scholarly communication.

TOPICS

- Harvard Library Policy On Open Metadata
- Bibliographic Dataset
- DASH API
- Frequently Asked Questions
- Bibliographic Dataset Use Terms

Harvard Library Policy On Open Metadata

The Harvard Library provides open access to library metadata, subject to legal and privacy factors. In particular, the Library makes available its own catalog metadata under appropriate broad use licenses. The Library Board is responsible for interpreting this policy, resolving disputes concerning its interpretation and application, and modifying it as necessary.

http://library.harvard.edu/open-metadata

Explanatory Material

OpenVIVO

Index | Log in

Home | People | Organizations | Research | Events | Capability Map

OpenVIVO

OpenVIVO is a demonstration of a VIVO anyone can join.

Browse or search information on research, people, and organizations.

Search OpenVIVO

limit search → Search

Create a Profile / Log in

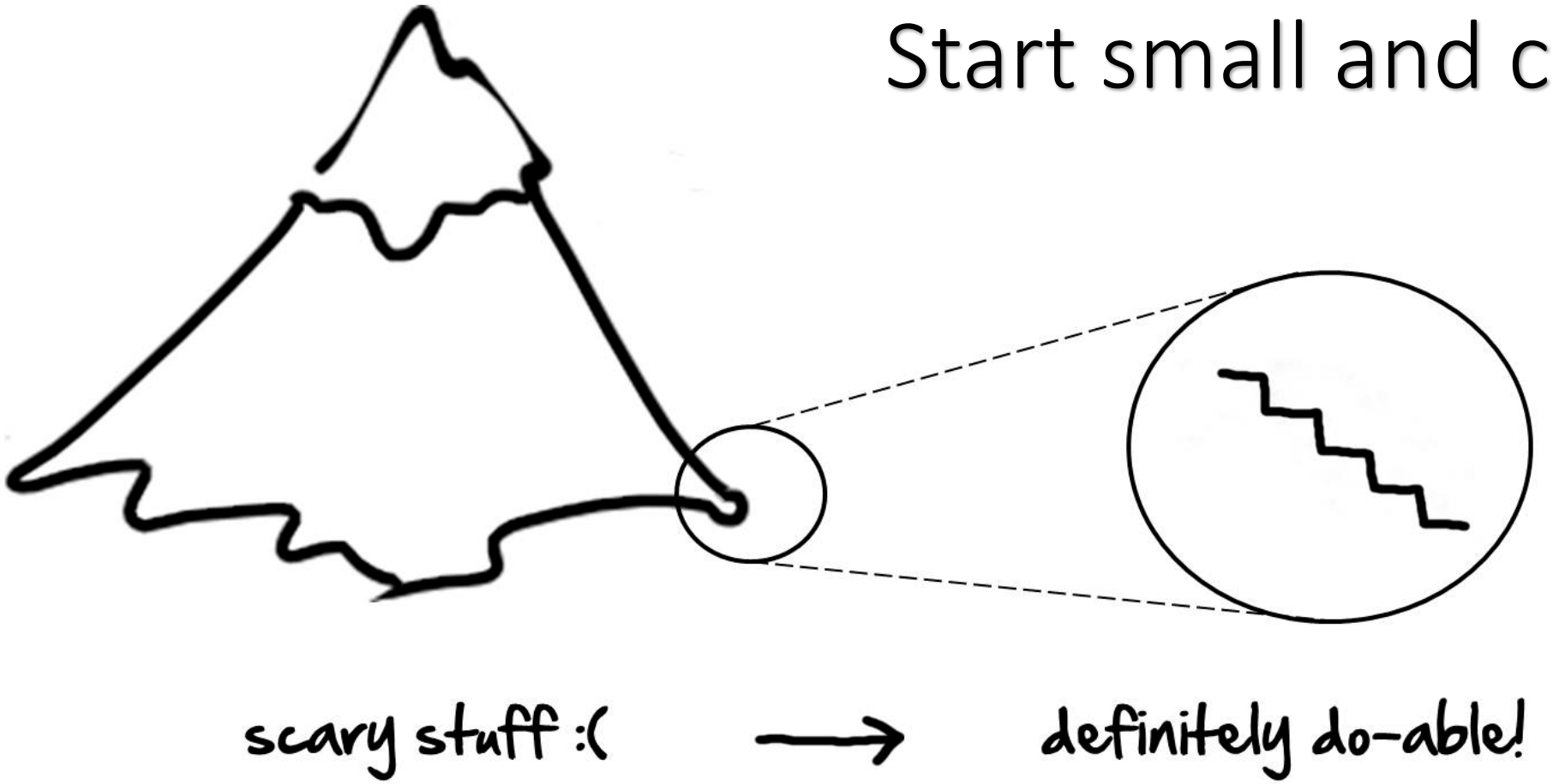
OpenVIVO is available to anyone who has a registered ORCiD identifier.

Log in via ORCiD

http://openvivo.org/.

Research | People | Organizations

Start small and connect



The Future of Archives

INBOX - 2 unread - Trojitá [ssh-dovecot]

INBOX (1/2)
a
b
blésmrt Trojitá
gentoo-dev (15...
huge
MBOX-torture-test
meh
pwn
pwned

zzz-11
zzz-12
zzz-13
zzz-3
zzz-4
zzz-5
zzz-6
zzz-7
zzz-8
zzz-9

Quick Search

Subject	From	Date	Size
ΕλληνικάΕλληνικάΕλληνικάΕλληνικάΕλληνικάΕλληνικάΕλληνικ...	Jan Kundrát	22 Feb ...	9.95 kB
Re: gcode.xml got into KF5::KTextEditor without review	Sven Brauch	5 Mar 0...	7.90 kB
Re: Review Request 127299: Safe wrapper around gpgmepp_...	Andre Heinecke	7 Mar 1...	10.3 kB
[Interest] [ANNOUNCE] GammaRay 2.4.1	Allen Winter	11 Mar ...	14.3 kB
signed from CESNET	Jan Kundrát	14 Mar ...	6.26 kB
Encrypted S/MIME, not signed, though	Jan Kundrát	14 Mar ...	2.88 kB
Encrypted, signed S/MIME	Jan Kundrát	14 Mar ...	9.66 kB
			2.89 kB
			400 B

Save your emails

18 CET

From Andre Heinecke • sent via Andre Heinecke •
To Laurent Montel, Andre Heinecke, Marc Mutz CC'd to Jan Kundrát, KDEPIM-Libraries

KDE | x ReviewBoard | x Tag

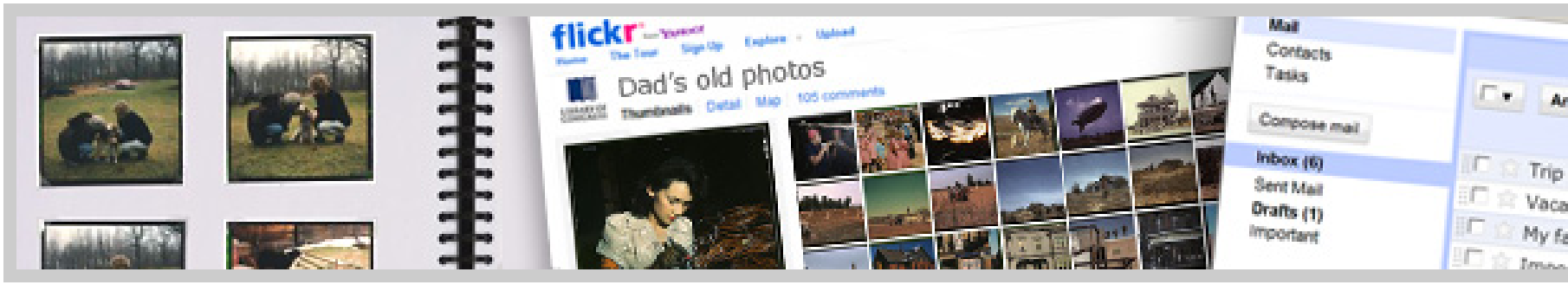
Plaintext HTML

This is an automatically generated e-mail. To reply, visit:
https://git.reviewboard.kde.org/r/127299/

Ship it!

Personal Archiving

Preserving Your Digital Memories



Overview

- "Introduction to Scanning"
- The Library of Congress and Personal Digital Archiving (PDF, 751 Kb)
- How to Scan Your Personal Collections (PDF,
- How Long Will Digital Storage Media Last? (P

http://digitalpreservation.gov/personalarchiving/

Representing under-represented groups

“If you believe that people have no history worth mentioning, it’s easy to believe they have no humanity worth defending.”

--William Loren Katz

Diversity and the DPLA- Franky Abbott

- historically non-white racial and ethnic groups
- cultural/religious minority groups (Jews, Muslims, Hindus, etc.)
- women
- LGBTQ communities
- disabled communities (including the physically, sensorily, and developmentally disabled)
- rural communities
- populations with lower socioeconomic status (focusing on poverty, working class issues, labor issues)
- elderly populations

Have Diverse Staff: Specifically those doing metadata

The Taxonomy Folksonomy Cookbook

Finding the Right Recipe for Organizing Enterprise Metadata

Daniela Barbosa tells us "what's cooking" in taxonomies and folksonomies.

http://www.slideshare.net/HeuvelMarketing/taxonomy-folksonomy-cookbook

UTOPIA 8.535 km

Tasks

- ❑ Use Controlled Vocabularies
- ❑ Use URI based Vocabularies
- ❑ Publish your metadata schemas
- ❑ Make your metadata open, not just free
- ❑ Make collections for under-represented groups
- ❑ Have a diverse staff making and reviewing Metadata
- ❑ Allow for Folksonomies

Shout-out to Chris Starcher

Thank you!