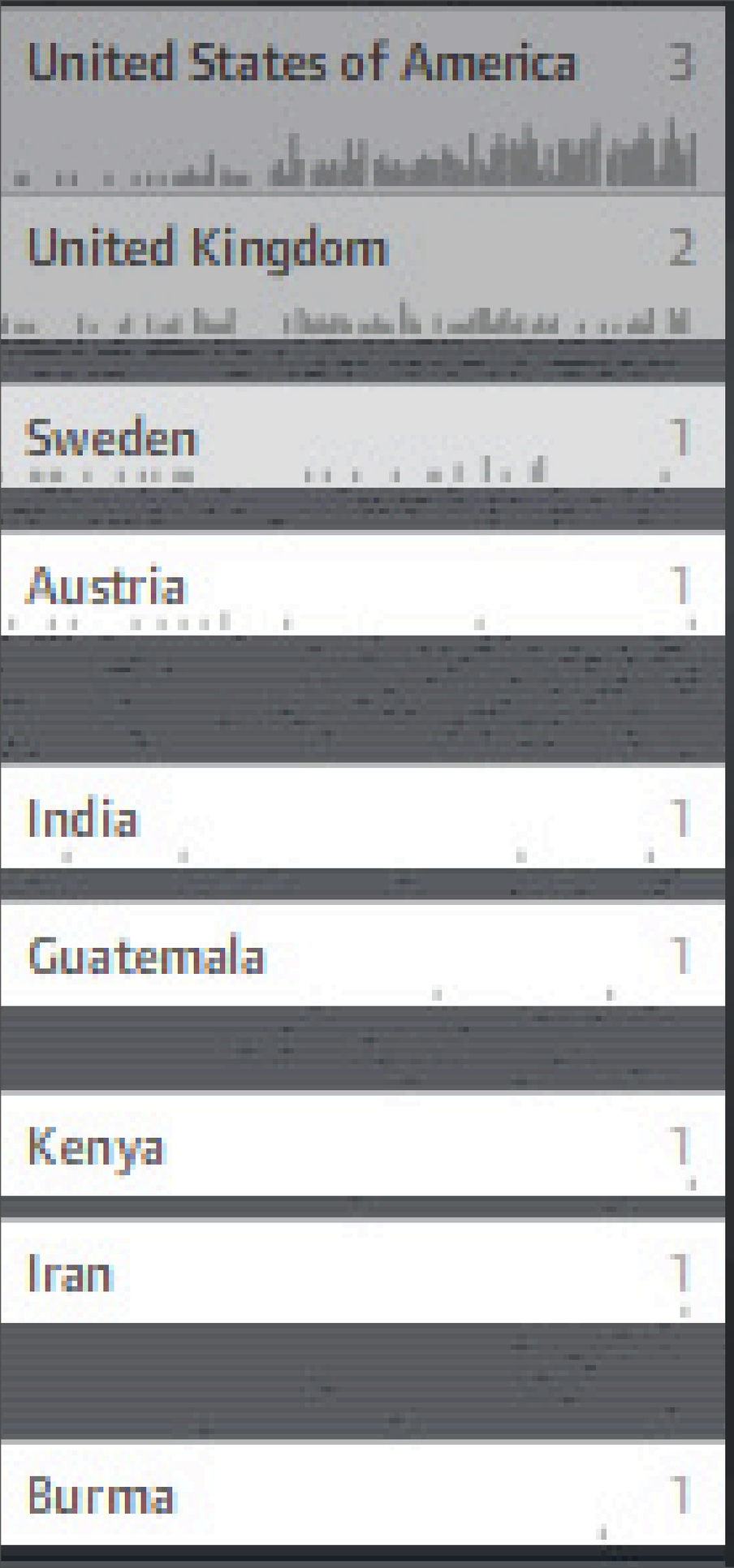


FINDO7 \\
ELASTIC LISTS FOR FACET BROWSERS

Moritz Stefaner & Boris Müller

Interaction Design Lab | FH Potsdam

OVERVIEW

The changing role of metadata

New requirements for facet browsers

Elastic lists

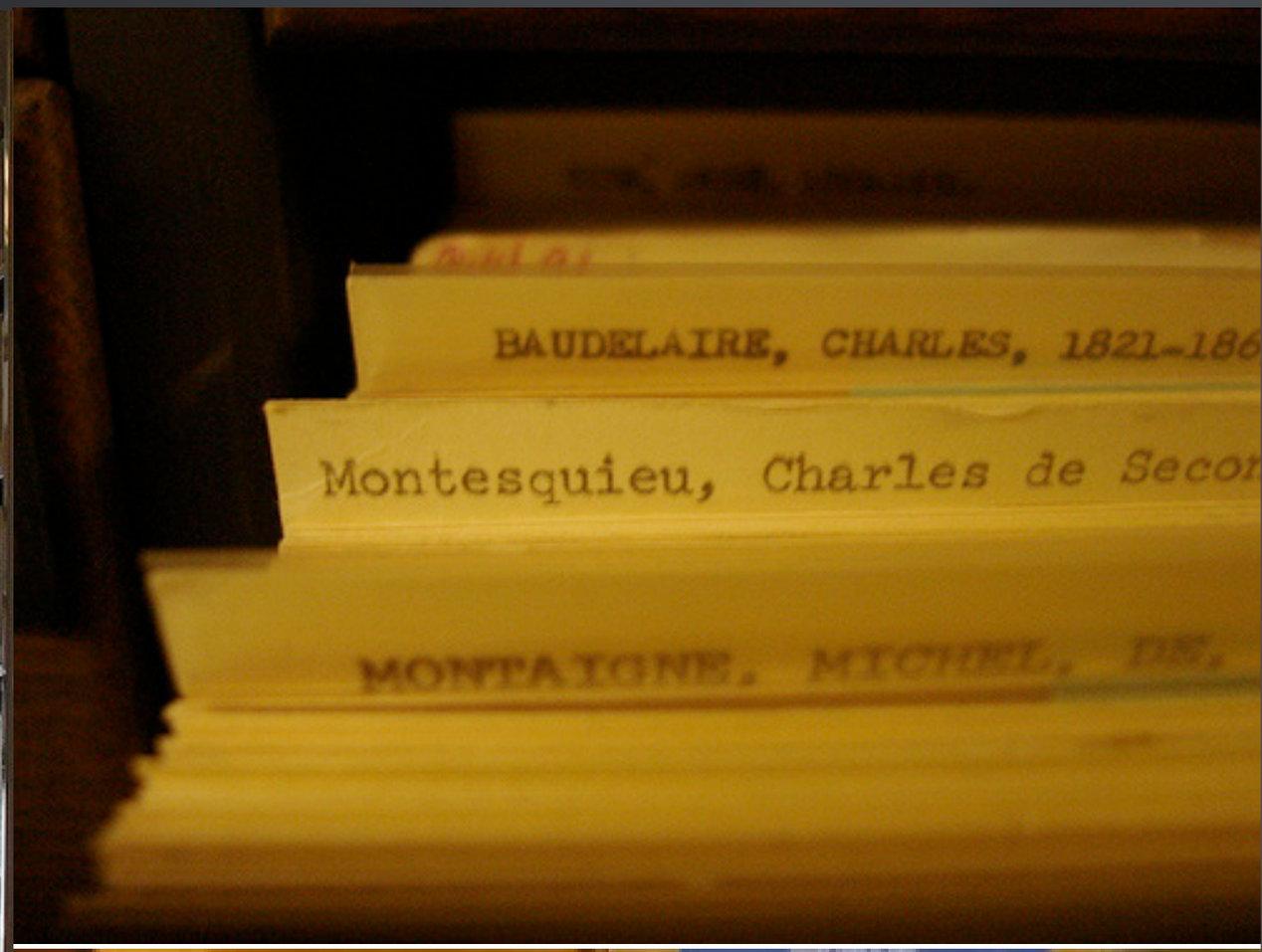
- Principles
- Demo

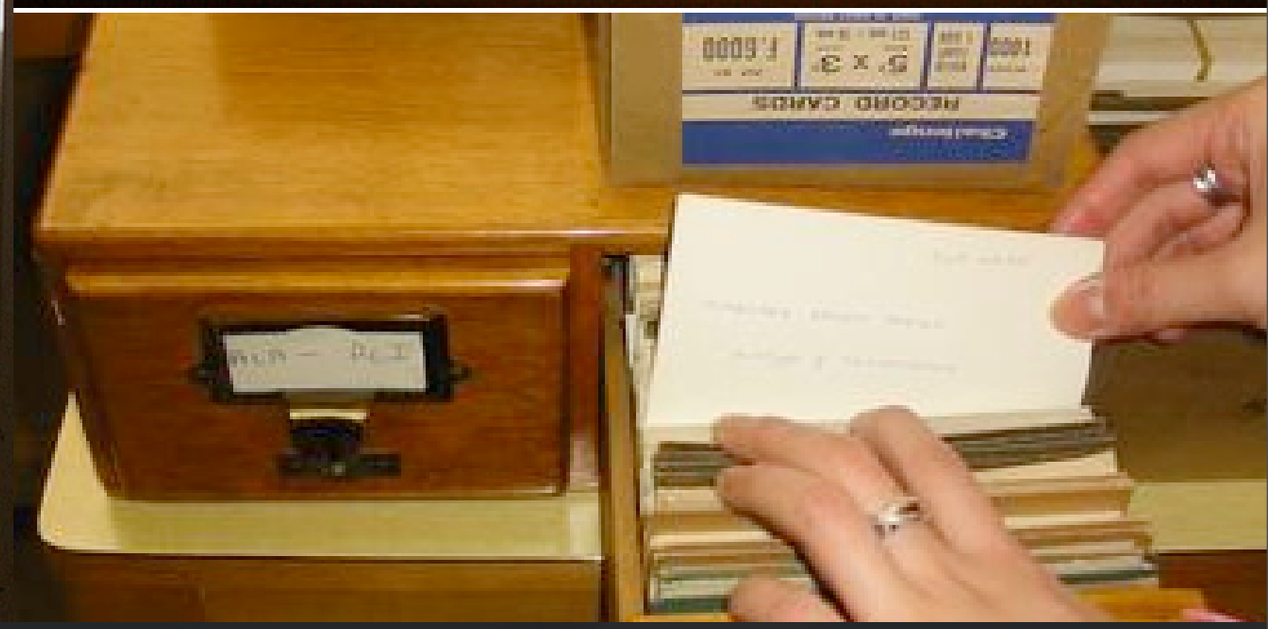
Outlook

ORDER BY PHYSICAL LOCATION

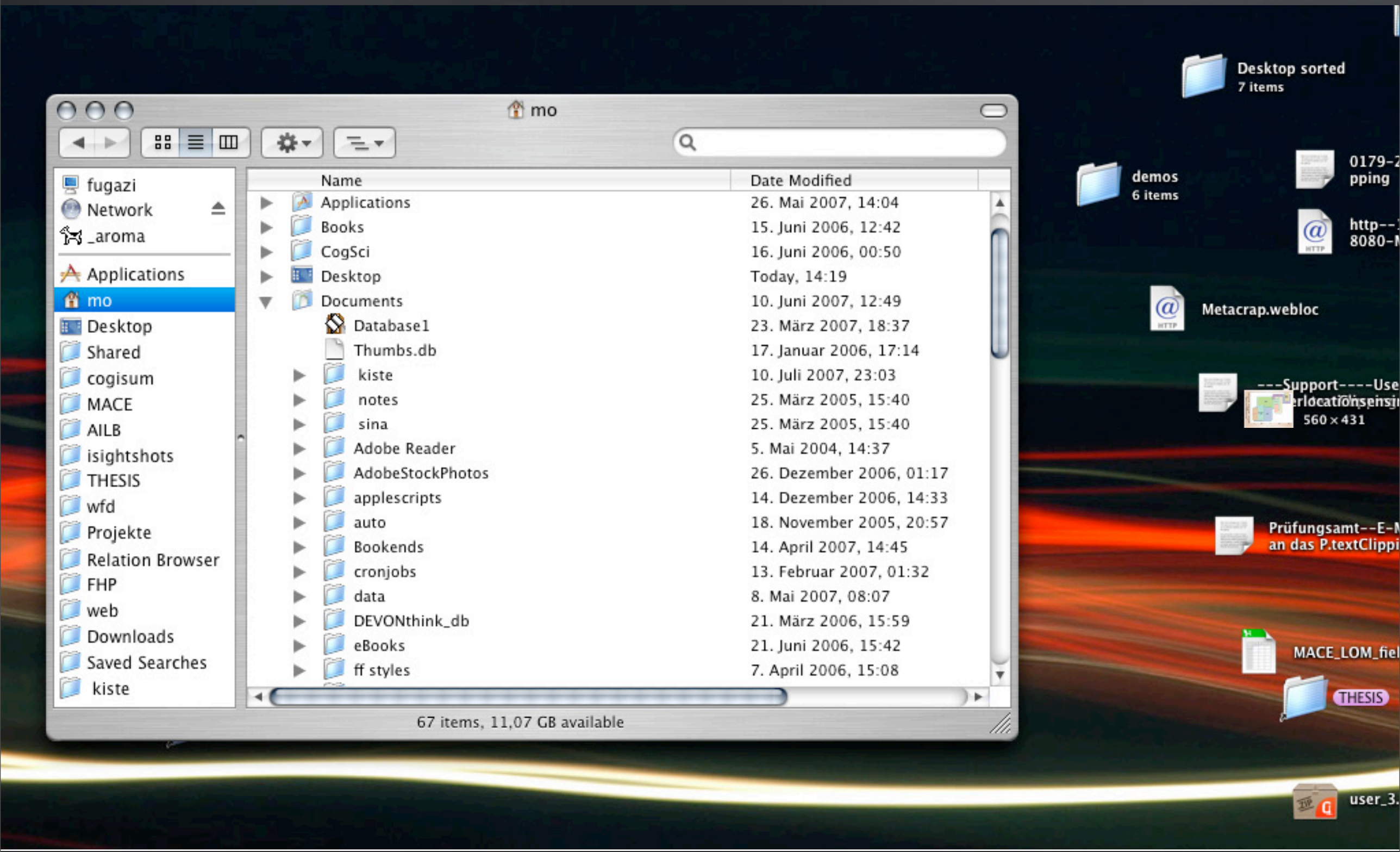
LOCATION + METADATA

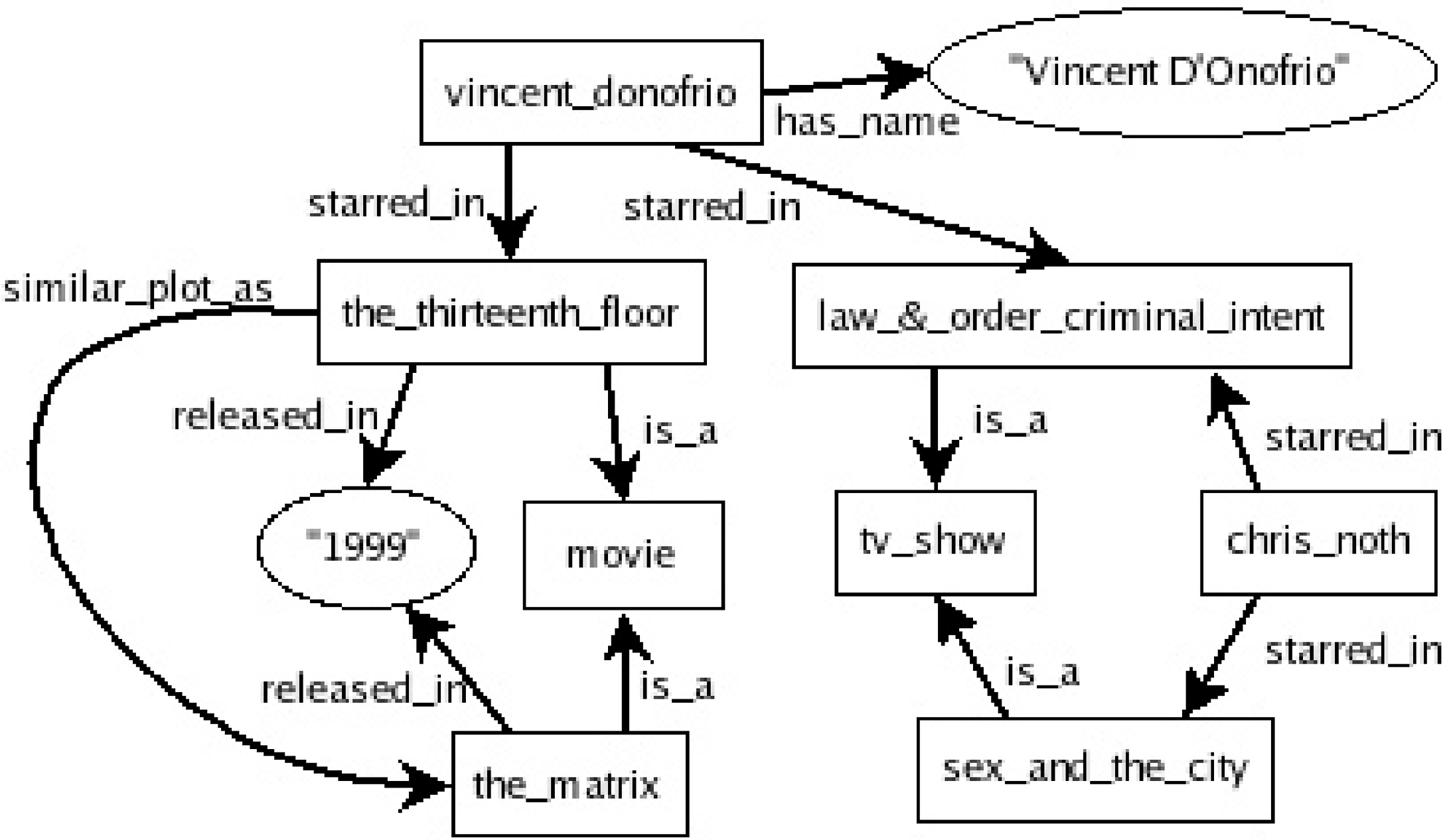
by Flickr user: similarity http://www.flickr.com/photos/reflection/314405398/
by Flickr user: leigaaman http://www.flickr.com/photos/kmcarmen1225/133103641/
by Flickr user Orin Optiglot http://www.flickr.com/photos/orinrobertjohn/409812627/

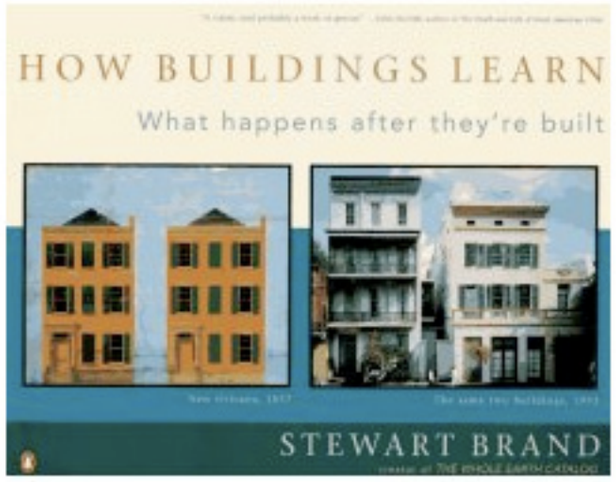




DESKTOP METAPHOR




vincent_donofrio
"Vincent D'Onofrio"
has_name
starred_in
starred_in
similar_plot_as
the_thirteenth_floor
law_&_order_criminal_intent
released_in
is_a
is_a
starred_in
"1999"
movie
tv_show
chris_noth
released_in
is_a
is_a
starred_in
the_matrix
sex_and_the_city



How Buildings Learn: What Happens After They're Built (Paperback)
by Stewart Brand (Author)

Paperback: 256 pages
Publisher: Penguin (Non-Classics); Reprint edition
Language: English
ISBN-10: 0140139966
ISBN-13: 978-0140139969

Look for similar items by category

- Subjects > History
- Subjects > Professional & Technical > Architecture > General
- Subjects > Professional & Technical > Architecture > History & Periods > General
- Subjects > Professional & Technical > Architecture > Reference

Look for similar items by subject

- Architecture
- Reference
- Architecture / History
- History - General

Editorial Reviews

From Publishers Weekly

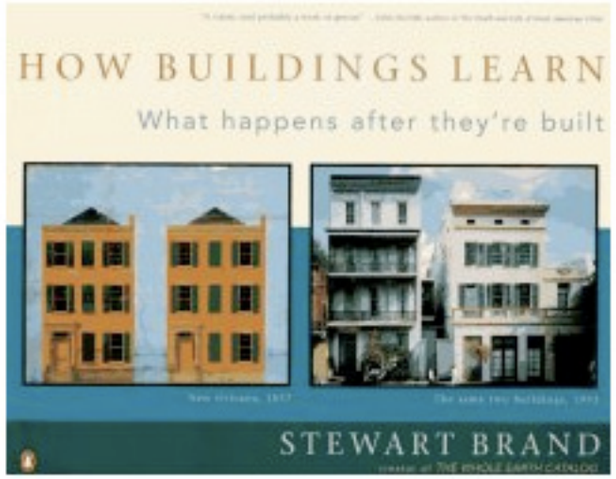
All buildings are forced to adapt over time because of physical d
within--yet very few buildings adapt gracefully, according to Bra
tastes, ideas, annoyance and growth; and institutional buildings
while commercial structures have to adapt quickly because of in
Whole Earth Catalog and founder of CoEvolution Quarterly (now
conversational text with hundreds of extensively captioned photo
age well with those that age poorly. He buttresses his critique wi
planners, preservationists, building historians and futurists. This
strategy for constructing adaptive buildings that incorporates a c
traditional materials, attention to local vernacular styles and bud
maintenance.

Copyright 1994 Reed Business Information, Inc. --*This text refers
this title.*

Citations (learn more)

60 books cite this book:

The Restoration Economy by Storm Cunningham on 7
Interior Design Handbook of Professional Practice by
Green Development: Integrating Ecology and Real Est
The Future and Its Enemies: The Growing Conflict Ove
on page 143, page 224, and page 237
Digital Places: Building Our City of Bits by Thomas A.



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Customer Reviews

24 Reviews

5 star:		(17)
4 star:		(3)
3 star:		(4)
2 star:		(0)
1 star:		(0)

Average customer review
4.5 stars (24 customer reviews)

Share your thoughts with other customers
Write your own review

Most helpful customer reviews

6 of 10 people found the following review helpful:

3.5 stars **Morality in building**, October 5, 2003

By **misterbeets "misterbeets"** (Safe Harbor, MD USA) - See all my reviews

The best part of this book is its historical photos, a history of our society told by its buildings. Worst part is its premise: that once we understand the importance of adaptability in buildings, we will build differently.

Tags customers associate with this product (What's this?)

Click on a tag to find related items, discussions, and people.

- architecture (3)
- building (2)
- design (2)
- brand (1)
- conservation (1)
- evolution (1)
- software architecture (1)
- software design (1)
- software engineering (1)
- time (1)

› **See all 13 tags...**

Listmania!

Photo Collections and Related Books: A list by Brian Keairns

the edge of information architecture: A list by Livia Labate

Customers who bought this item also bought

The Death and Life of Great American Cities (Modern Library Series) by

A Pattern Language: Towns, Buildings, Construction (Center for

Historic Preservation: An Introduction to Its History, Principles,

Your Recently Viewed Items

The Way Things Go
DVD ~ Peter Fischli

FABERGE EGG
Masterpiece Jewels

› **View & edit Your Browsing History**

Blog post commenting on an event

Title

Image

Photos from O'Reilly eTech con, which was super fun:

Nerds from around the world descended on San Diego this week for the O'Reilly eTech conference, and 4/5 of BoingBoing were there (here's 3/5 of us).

Scott Beale took tons of pics: Link to his photos, and here's his set from the MakeFest (highlights: Mark Frauenfelder's cool gocco printing demo, and the Roomba cockfights). Here's some news and blog coverage, including transcripts and live notes for talks from many speakers whose work has appeared before on BoingBoing. It was a terrific event.

See also: other folks' Flickr photos tagged with etech 2006, etech06, and etech.

posted by Xeni Jardin at 01:24:20 PM permalink | blogs' comments

Event

Person

Further links

Author

Date

Comments

t-shirt

bathroom

red

mirror

love

toBuy

hate

scottKim

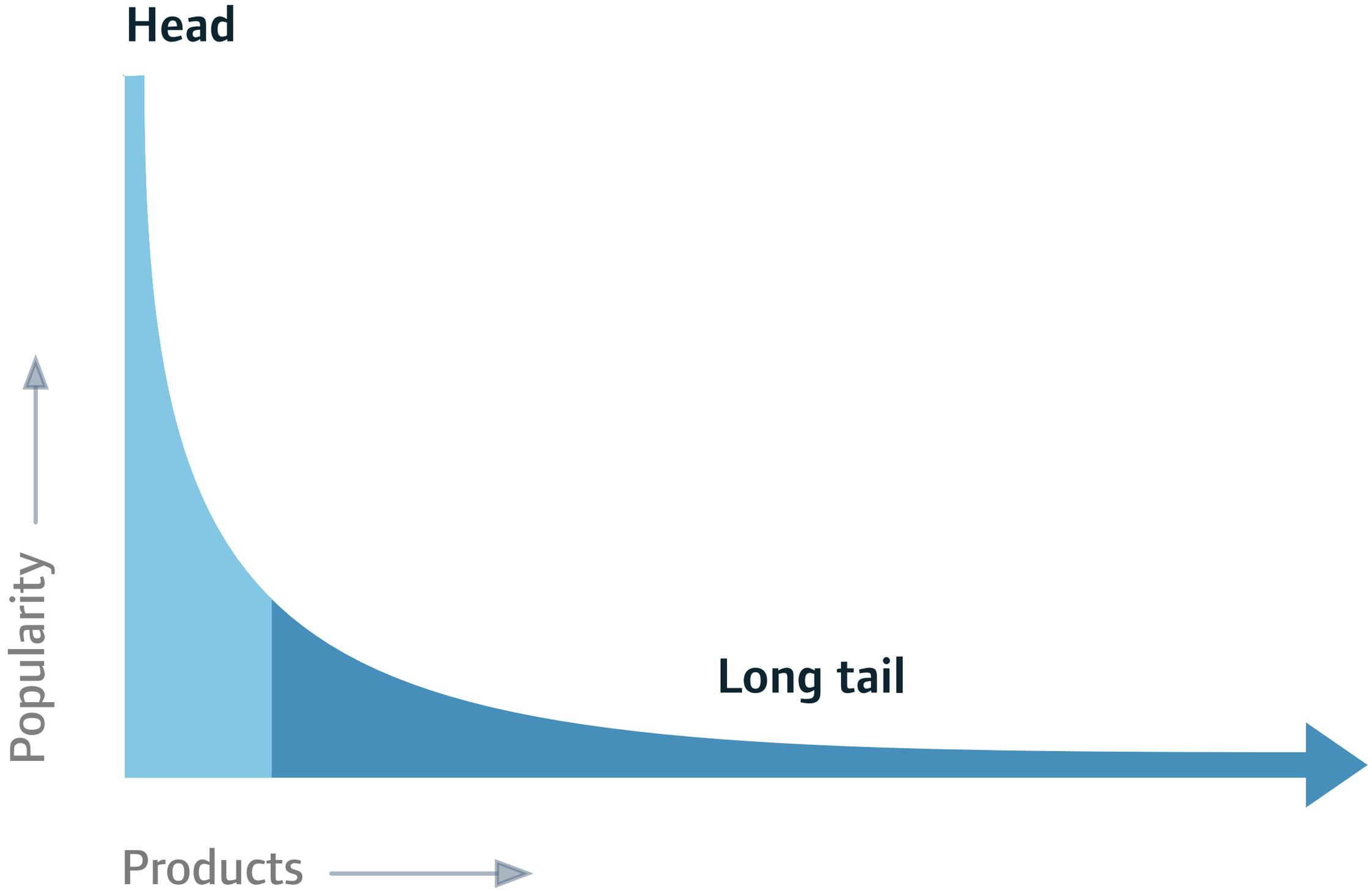
symmetry

inversion

via:NotCot

awesome

t-shirt bathroom red mirror hate
toBuy symmetry shirt scottKim
love inversion via:NotCot



The long tail of web economics (reproduced from [Anderson:2006])

RESULTING METADATA STRUCTURES

Abundant

Created ad-hoc

Flat

Non-exclusive

Multi-dimensional

Temporally dynamic

Long-tail distributions

ROLE OF METADATA

Not

as means to an end

or a necessary evil,

but as

sources of information

weighted “characterizers” of information and context

search
all items in current results

Refine your search within these categories:

GENDER: all > female

COUNTRY (group results)

Austria (2)
Burma (1)
Chile (1)
Federal Republic of Germany (1)
France (2)
Guatemala (1)
India (1)
Iran (1)
Italy (2)
Kenya (1)
more...

AFFILIATION (group results)

Federal Republic of Germany (1)
France (2)
India (1)
Italy (1)
Northern Ireland Peace Movement (2)
Sweden (1)
Switzerland (1)
United Kingdom (1)
United States of America (6)
Women's International League for Peace and Freedom (2)

PRIZE (group results)

chemistry (3)
literature (10)
medicine (7)
peace (12)
physics (2)

YEAR (group results)

1900s (3)
1910s (1)
1920s (2)
1930s (3)
1940s (3)
1960s (3)
1970s (4)
1980s (4)
1990s (7)
2000s (4)

These terms define your current search. Click the × to remove a term.

GENDER: female ×

33 results
Group by: gender
Sort by: usual name, year of birth, year of death, country

Alva Myrdal
1902–1986

Aung San Suu Kyi
1945–

Barbara McClintock
1902–1992

Bertha von Suttner
1843–1914

Betty Williams
1943–

Christiane Nüsslei...
1942–

Dorothy Crowfoot H...
1910–1994

Elfriede Jelinek
1946–

ELASTIC LISTS \\
VISUALIZE WEIGHT PROPORTIONS

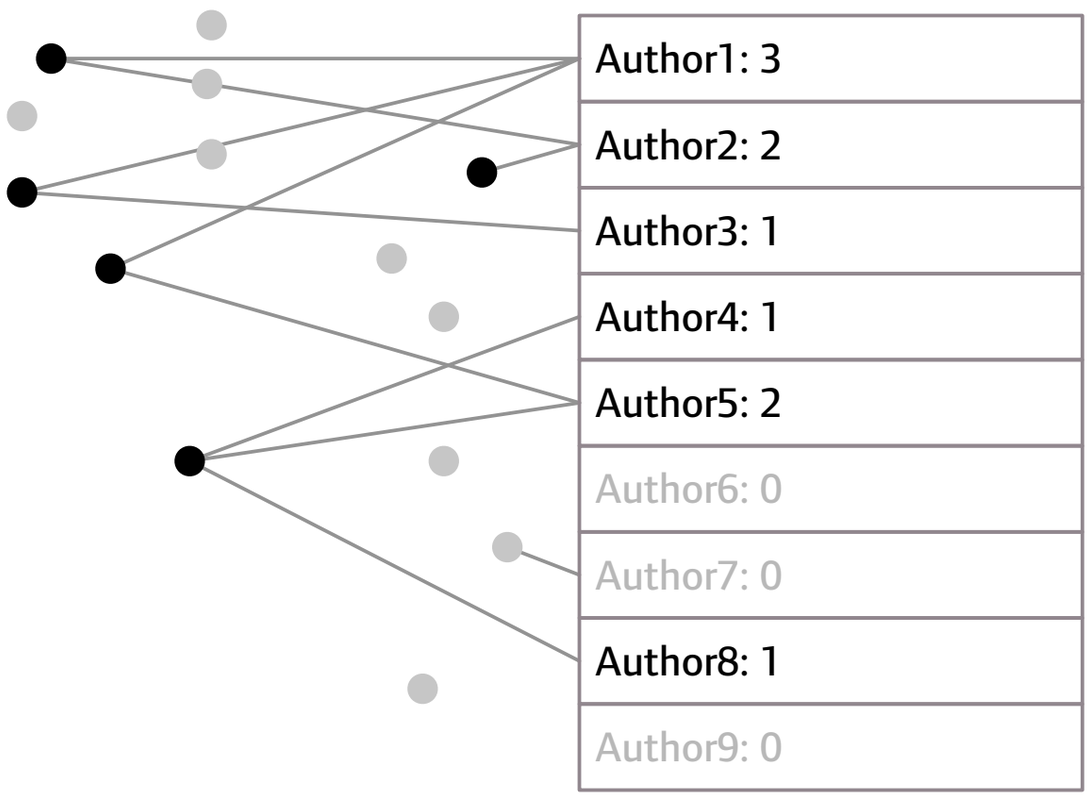
CONTENTS

SELECTION

METADATA PROFILE

LOCAL

EXAMPLE: AUTHOR



PRIZE (group results)

chemistry (3)
literature (10)
medicine (7)
peace (12)
physics (2)

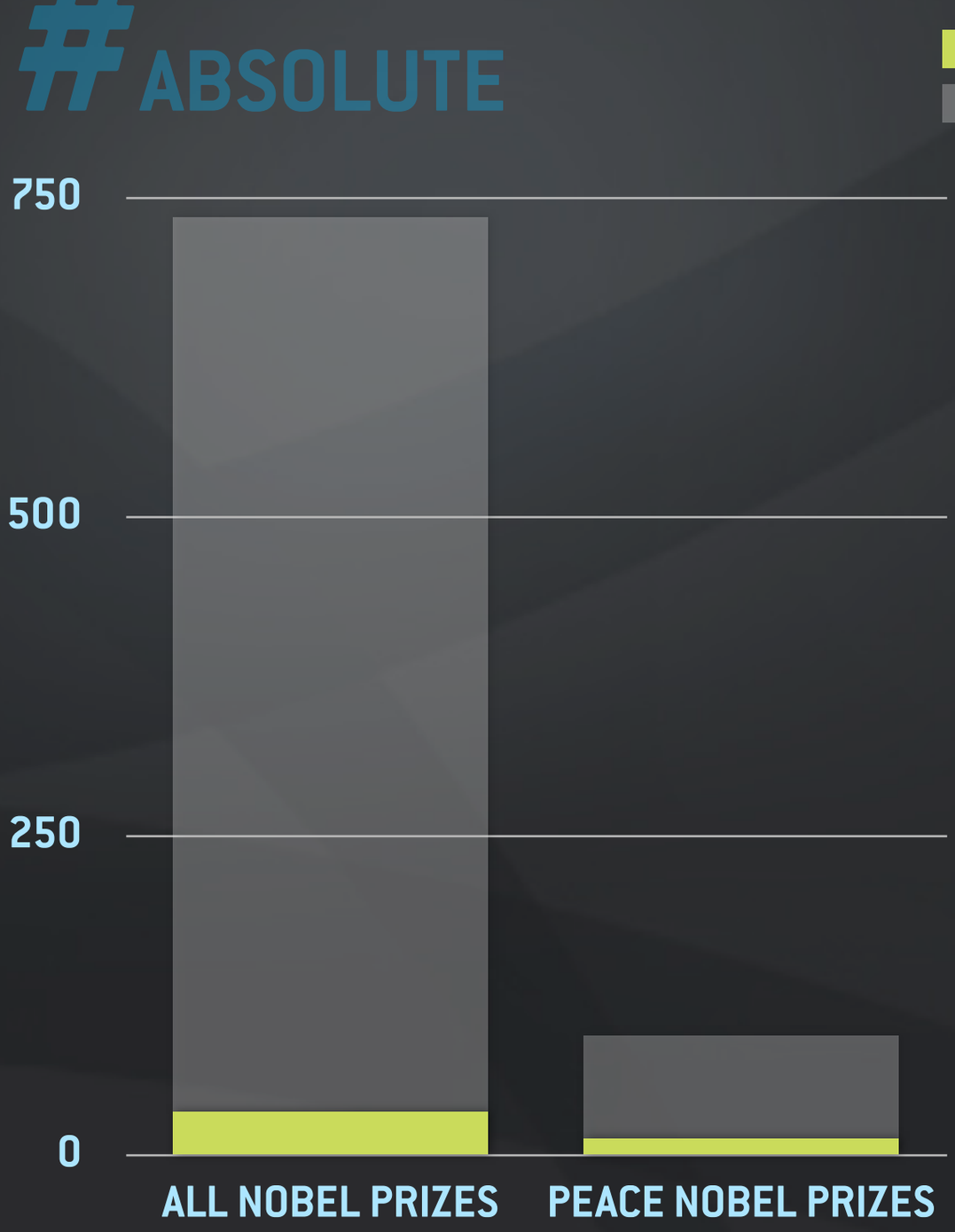
ELASTIC LISTS \\
VISUALIZE WEIGHT PROPORTIONS

PRIZE	all	filter	lock
medicine	182		
physics	167		
chemistry	139		
peace	111		
literature	101		
economics	55		

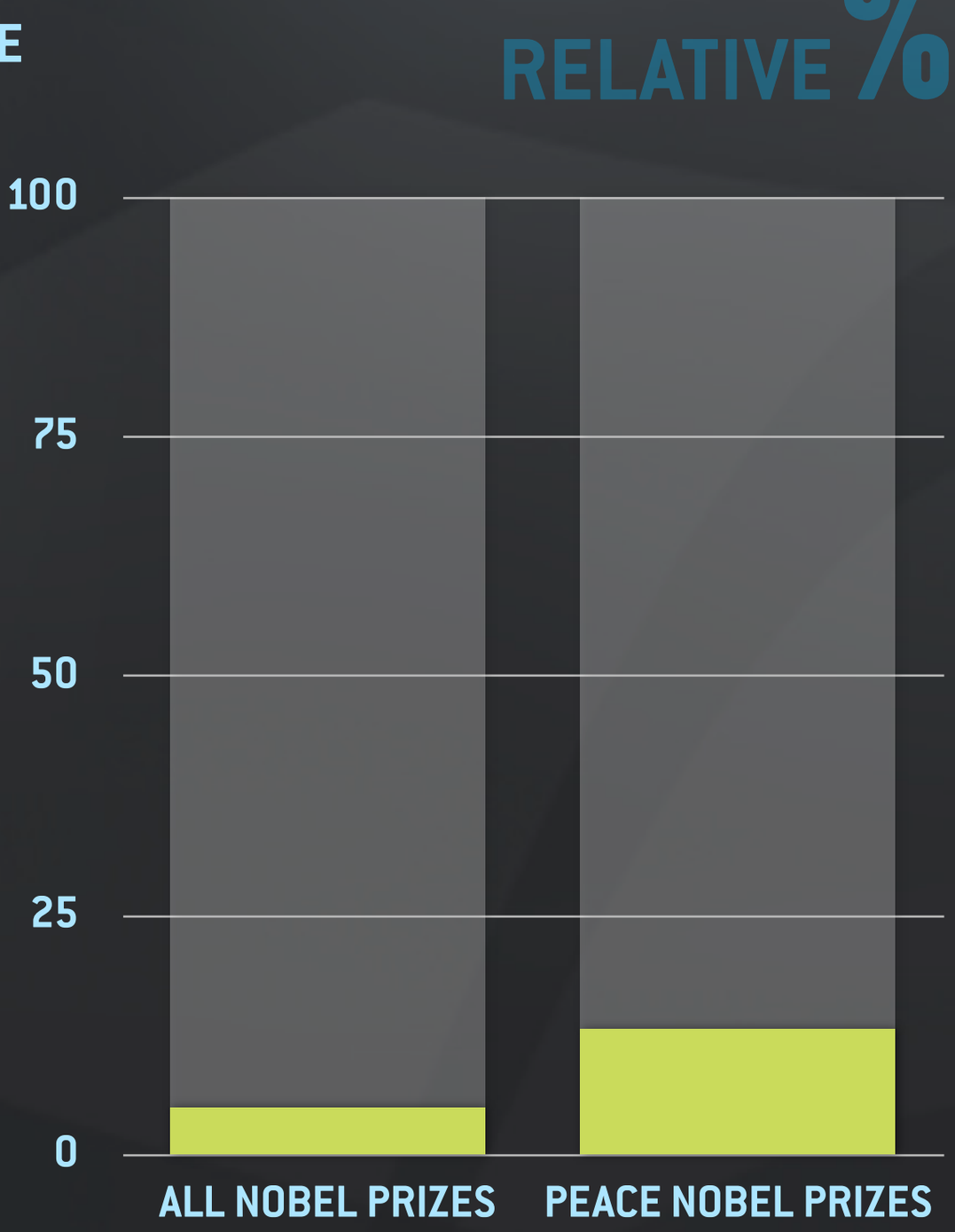
GENDER	all	filter	lock
male	701		
female	34		

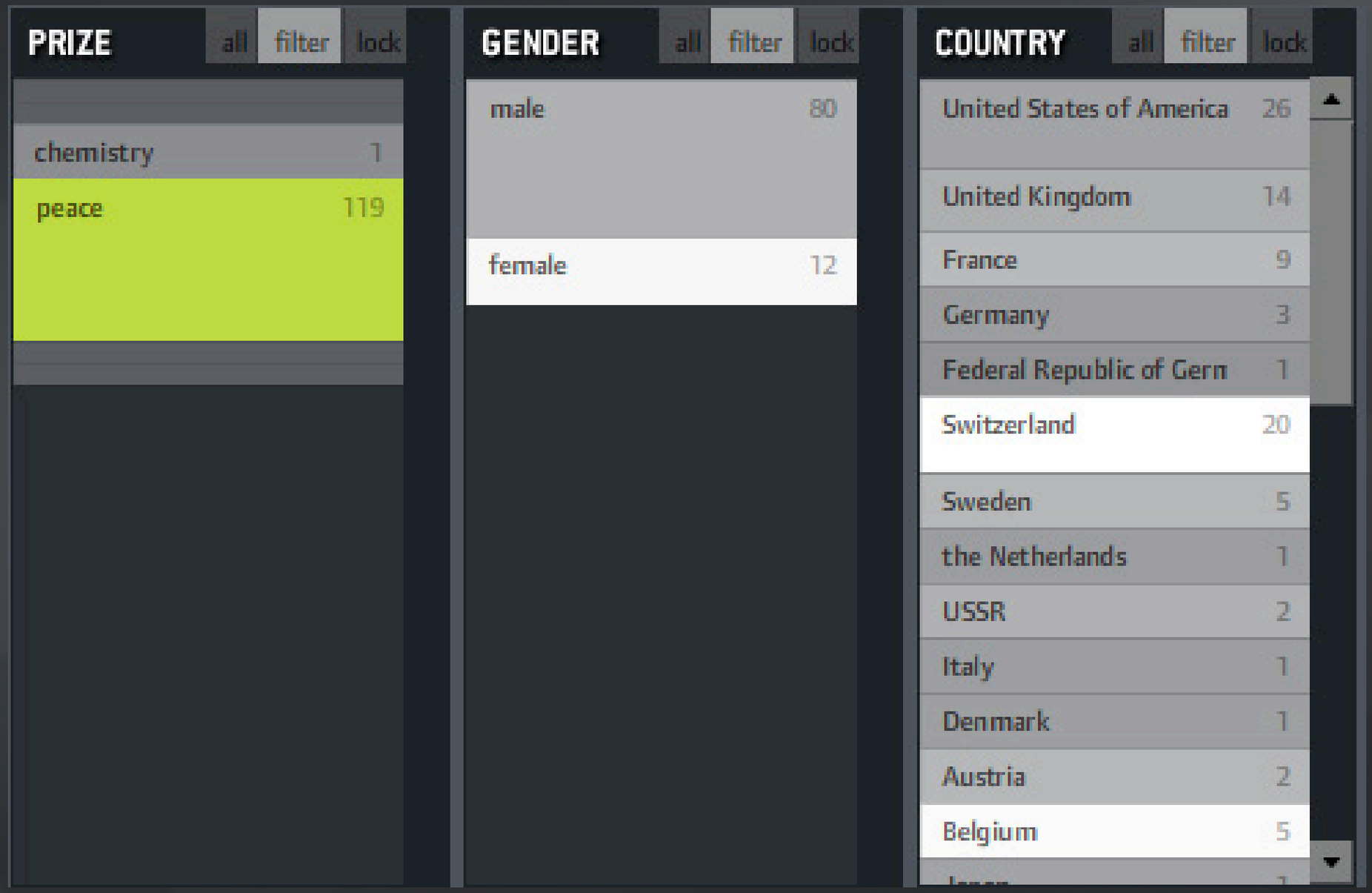
ELASTIC LISTS \\
EMPHASIZE CHARACTERISTIC VALUES

ABSOLUTE



RELATIVE %





LOCAL PROFILE \\ BRIGHTER:
HIGHER WEIGHT COMPARED
TO GLOBAL PROFILE

ELASTIC LISTS \\
ANIMATED TRANSITIONS

PLEASE MAKE A SELECTION ABOVE.

NOT JUST EYE CANDY \\
CHANGE BLINDNESS

DEMO

Finder File Edit View Go Window Help

KONDUIT

DIGEST HOT LINKS

INFEEDS all filter lock

- TechCrunch
- INCOM - incom
- Erik Duval's Weblog
- pasta and vinegar
- information aesthetics
- Dictionary.com Word of the
- Styleboost links
- interaction design

PERSONS all filter lock

- Duncan Riley
- Erik
- Nicolas

ALL POSTS WITH TAG: DESIGN

Incoming Outgoing Community

Last Week

WWWrong07

3 days ago | Erik | Erik Duval's Weblog

internet design model sociology

At the ECTEL07 conference, I am delighted to organize once more a workshop on "What Went Wrong", together with Brandon, Sue and Hugh…
As I wrote last year:
Most conferences and workshops report on success stories only. This is somewhat perplexing:
* Isn't research supposed to deal with challenging approaches?

31Three

5 days ago | Styleboost links

design health atheism philosophy

31Three is the one-man studio of design-focused developer Jesse Bennett-Chamberlain. His recent work, like the ExpressionEngine site, represent some of the best stuff going on right now. His own

FreeSwell Studios

5 days ago | Styleboost links

design tech cool health atheism science

KEEP

TAG

NEXT

FreeSwell is the first web development/design agency I can recall that's located on Hawaii. What makes this one take my breath way is the way the background color is so overwhelming, in a good way. It really encompasses the entire site and its contents, but it truly feels good, looks great and makes for a clean and simple solution.

Microsoft Surface

5 days ago | Styleboost links

geniftf internet design science philosophy

Taking on the role of Nike recently, Microsoft has started delivering some of the most exciting Flash sites on the web. They're all very different and very creative and makes great use of the capabilites of

disconsolate: Dictionary.com Word of the Day

design painting

disconsolate: hopelessly sad; also, saddening; cheerless.

TAGS all filter lock

- interface
- architecture
- infoviz
- visualization
- art
- data
- internet
- software
- design
- image
- information
- computer
- cool
- DIY

SYSTEM TAGS all filter lock

- starred

DAYS AGO all filter lock

- 3 days ago
- 5 days ago
- 6 days ago
- 8 days ago
- 11 days ago
- 12 days ago
- 13 days ago
- 14 days ago
- 15 days ago
- 17 days ago

LINKS all filter lock

- wakoopa.com/

OUTFEEDS all filter lock

TAGS AND FACETS

ALLTAGS all filter lock

design	24
visualization	7
maps	4
information	4
flash	4
portfolio	4
m.a.thesis	2
art	2
agency	2
web2.0	2
networks	2
fhp	2
blog	2
webdev	1
ivis	1
code	1
news	1
gadgets	1
tagclouds	1
folksonomy	1
tags	1
text	1
activitytheory	1
friends	1
interaction	1
hci	1
mace	1
search	1
books	1
german	1

PLACE all filter lock

place:berlin	1
place:hamburg	1

FOR all filter lock

for:borism	1

SYSTEM all filter lock

system:imported	2

TOPTAGS all filter lock

design	24
visualization	7
flash	4
m.a.thesis	2
news	1
webdev	1

CREATE A FACET

Person +

SEARCH

24 ITEMS design

ACTING WITH TECHNOLOGY: ACTIVITY THEORY AND INTERACTION DESIGN	design books hci interaction activitytheory
ARTIFICIALDUCK.NET	design patrikdejong artificialduck agency relaunch german
83 BEAUTIFUL WORDPRESS THEMES YOU (PROBABLY) HAVEN'T SEEN ffi SMASHING MAGAZINE	design webdev blogging lotsof wordpress themes
THE PATHETIC FALLACY OF RDF	visualization design rdf networks ui fallacy semweb grap
ANDREAS SCHLEGEL SOJAMO	design portfolio code processing sojamo andreasschlegel
THE WORK OF JONATHAN HARRIS	visualization design flash ivis art
SI SCOTT DESIGN	design experte schnörkel graphic
COLOR GUIDELINES, STANDARDS, AND REQUIREMENTS	design color guidelines nasa

MACE

STYLE all filter lock

Modern architecture	261
International style	129
Mid-century modern	125
Organic architecture	68
Beaux-Arts architecture	33
Bauhaus	20
Postmodernism	17
Deconstructivism	15
Contemporary architecture	12
Futurism	7

BUILDINGTYPE all filter lock

Building	238
House	45
Skyscraper	39
Location	5
Bridge	4
Public Library System	4
Museum	4
Film location	3
Listed Site	3
Public Library	3
Institution	2

ARCHITECT all filter lock

Richard Neutra	100
Frank Lloyd Wright	61
Philip Johnson	22
Ludwig Mies van der Rohe	17
Frank Gehry	15
Santiago Calatrava	12
Cass Gilbert	10
Richard Morris Hunt	10
Le Corbusier	9
Eero Saarinen	7

MAP

STYLE all filter lock

Modern architecture	64
Organic architecture	68
Art Nouveau	2

BUILDINGTYPE all filter lock

Building	50
House	32
Skyscraper	3
Museum	1
Film location	1
Listed Site	2
Art owner	1

ARCHITECT all filter lock

Frank Lloyd Wright	61
Louis Sullivan	3
Antoni Gaud	2
Rudolf Steiner	2

MAP

CHALLENGES

Interface

- Scalability
- Automatic adjustment to different data sets

Selecting the most “interesting” facets in a given context

Standards

- XFML(?)

THANKS FOR YOUR ATTENTION!

http://well-formed-data.net
http://idl.fh-potsdam.de
http://mace-project.eu