is this

BIG DATA

which I see before me?

Photo: Stefan Insam, “Deadly carvings” CC-BY-SA
http://www.flickr.com/photos/ramsesoriginal/6652582259/

VOLUME

VELOCITY

VARIETY

VOLUME

VELOCITY

VARIETY

VOLUME

VELOCITY

VARIETY

O'REILLY®

Strata

Making Data W

Steering the

Ideas on avoiding the

by Q Ethan McCallum | Comm

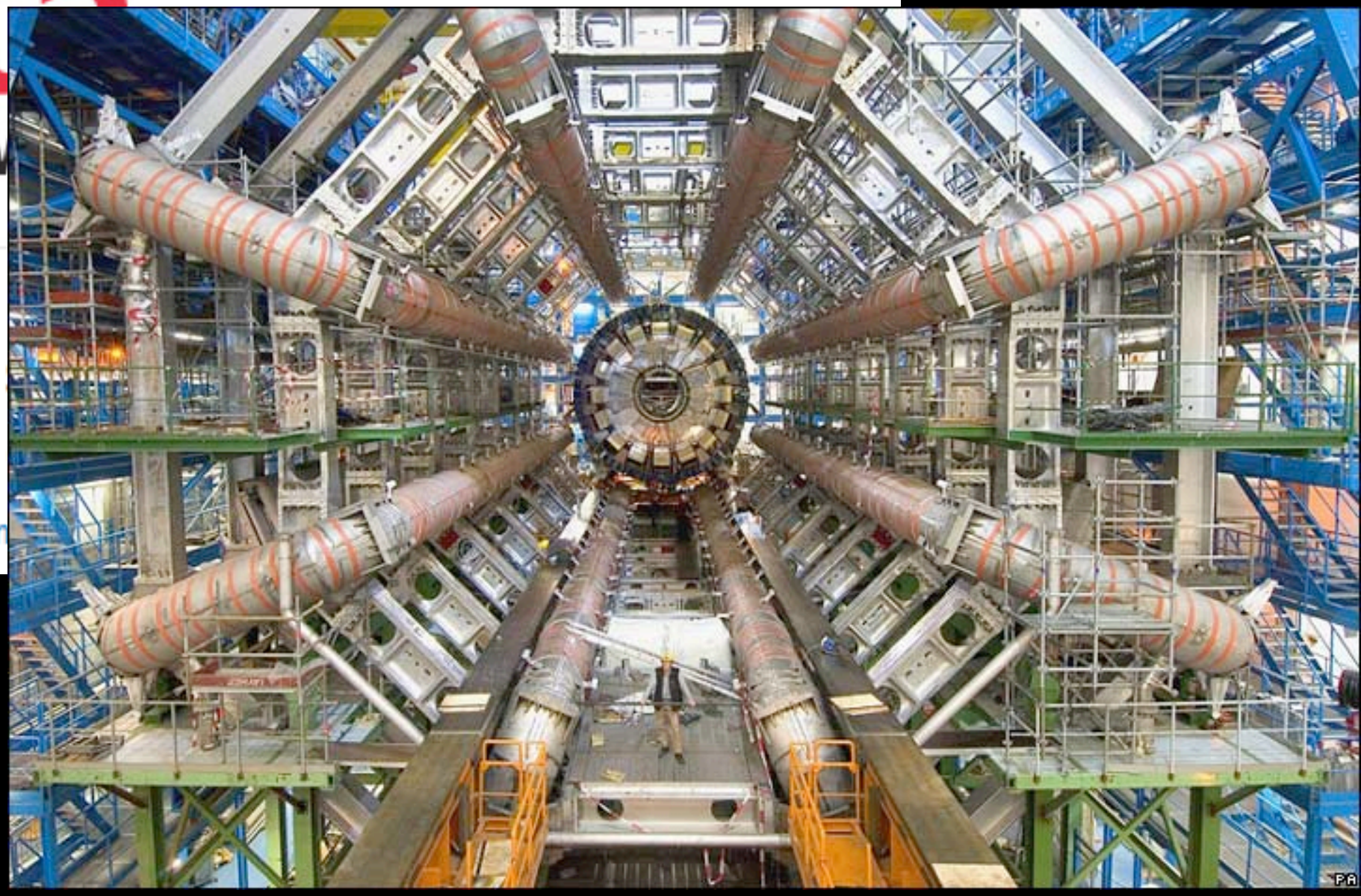

Photo: CERN, "The Large Hadron Collider/ATLAS at CERN " CC-BY
http://www.flickr.com/photos/11304375@N07/2046228644/

Where they most breed and haunt...

Why, I can buy me twenty at any market...

Report | McKinsey Global Institute

Big data: The next frontier for innovation, competition, and productivity

May 2011 | by James Manyika, Michael Chui, Brad Brown, Jacques Bughin, Richard Dobbs, Charles Roxburgh, Angela Hung Byers

http://www.mckinsey.com/insights/business_technology/big_data_the_next_frontier_for_innovation

Intel Fuels a Rebellion Around Your Data

The world's largest chip maker wants to see a new kind of economy bloom around personal data.

Regalado and Leber, MIT Technology Review, http://www.technologyreview.com/news/514386/intel-fuels-a-rebellion-around-your-data/

What need we fear who knows it, when none can call our power to account?

But in these cases
We still have judgment here; that we but teach
Bloody instructions, which, being taught, return
To plague the inventor:

Using Big Data to Predict Online Student Success

be changing, observers said, as the project is showing that **big data** isn't just good for hedge funds. ...

Paul Fain – 1 Feb 2012

HACK (HIGHER) EDUCATION

How new technologies can hack [higher] education, and how learners of all sorts can hack technology back.

Pearson and Knewton: Big Data and the Promise of Personalized Learning

November 1, 2011 – 11:57pm

By Audrey Watters

Examples via: Inside Higher Ed, http://insidehighered.com/

is this

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which I see before me?

Photo: Stefan Insam, “Deadly carvings” CC-BY-SA
http://www.flickr.com/photos/ramsesoriginal/6652582259/

BIG DATA IN LIBRARIES?

Your face, my thane, is as a book where men
May read strange matters.

Kind gentlemen, your pains
Are register'd where every day I turn
The leaf to read them.

is this

BIG DATA

which I see before me?

YES.

Do we really even need to ask?

LIBRARY OF CONGRESS

5 million newspaper pages

(x)00,000 e-journal articles

5 billion web-archive files

digital audio, video, etc.

50 billion tweets

Leslie Johnston, Library of Congress, as reported by Lorcan Dempsey in "Big data... big trend,"
http://orweblog.oclc.org/archives/002196.html

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**requires institutional login*

D-Lib Magazine

May/June 2013
Volume 19, Number 5/6
Table of Contents

Choosing a Sustainable Web Archiving Method: A Comparison of Capture Quality

Gabriella Gray and Scott Martin
UCLA
{gsgray, smartin}@library.ucla.edu

doi:10.1045/may2013-gray

The International Journal of Digital Curation
Volume 7, Issue 1 | 2012

Developments in Research Funder Data Policy

Sarah Jones,
Digital Curation Centre,
University of Glasgow

Threescore and ten I can remember well:
Within the volume of which time I have seen
Hours dreadful and things strange...

is this

BIG DATA

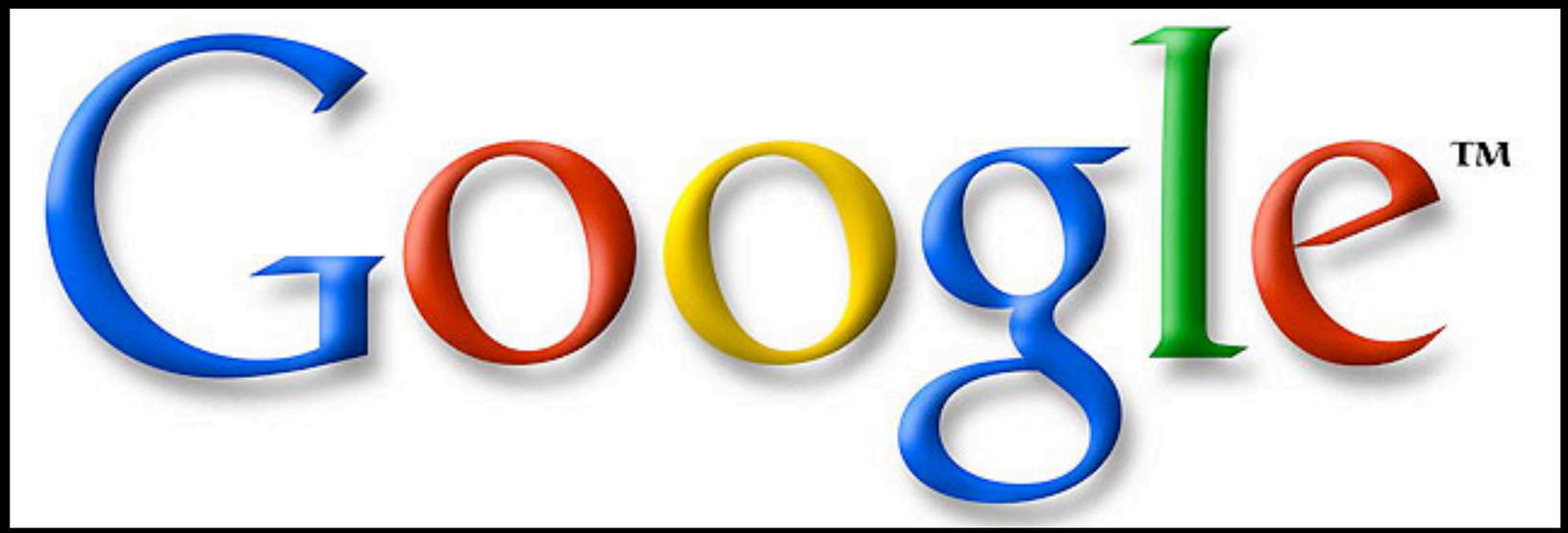
which I see before me?

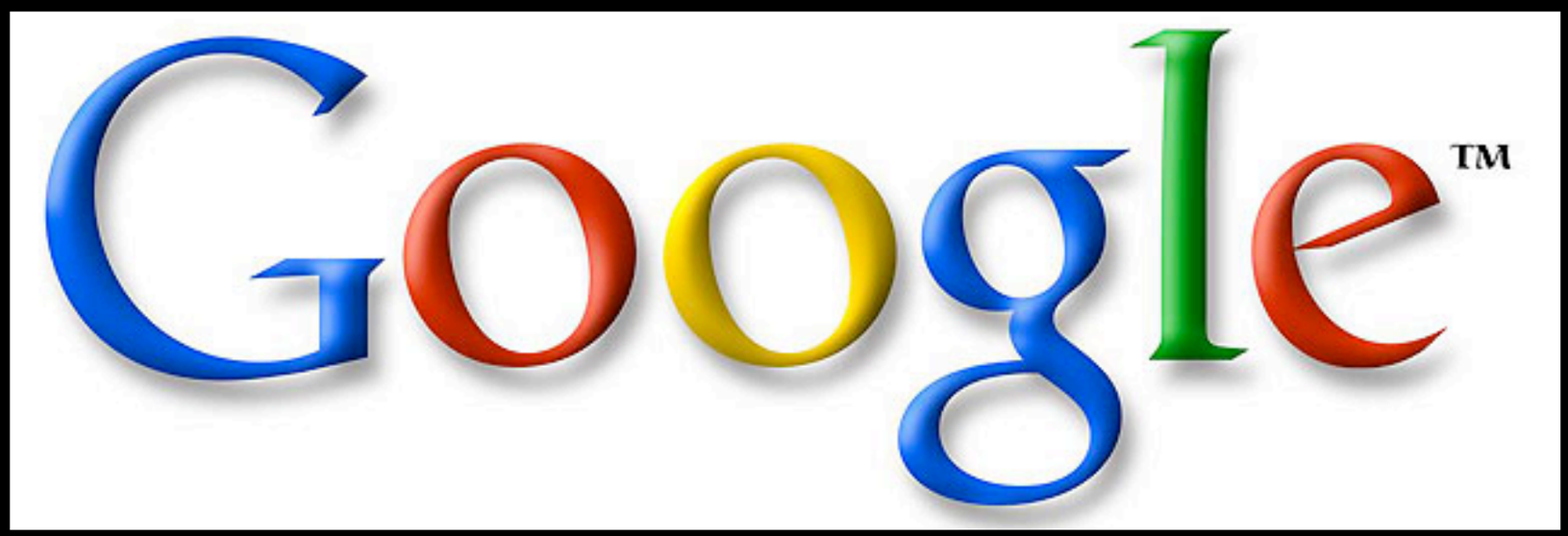
YES... BUT.

Library Hose

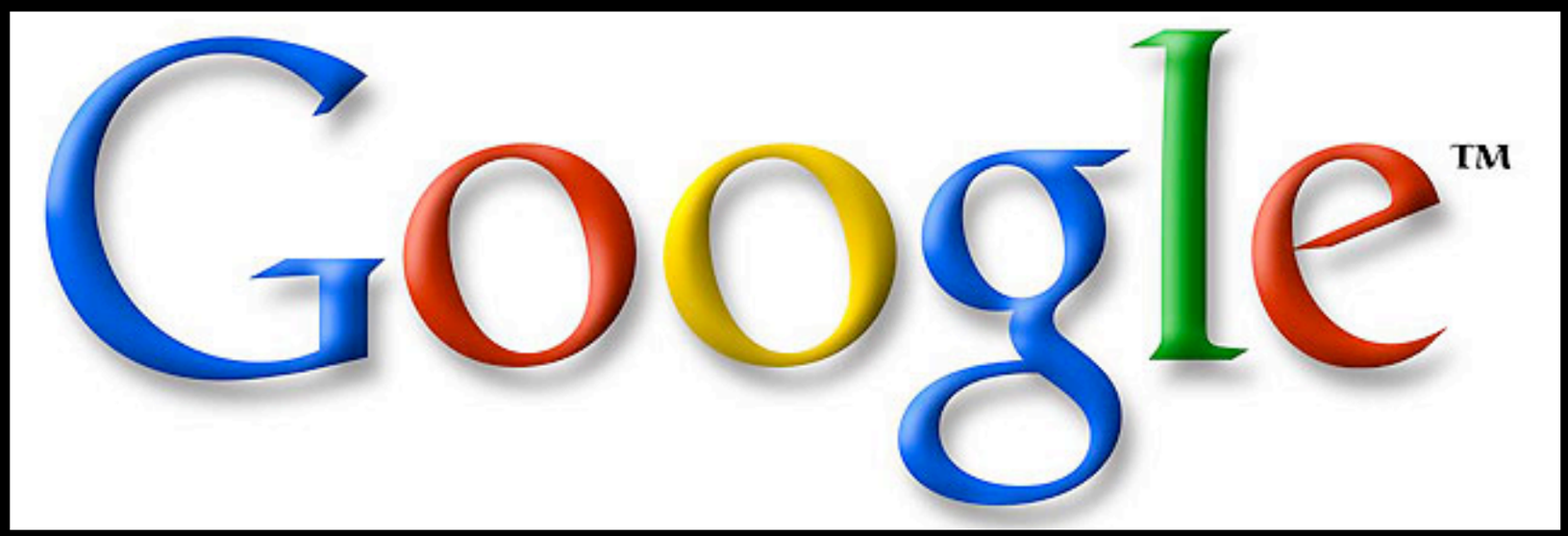
Tweet! per Checkout

This service has been temporarily suspended.


Google™


Google™

amazon


Google™

is this

BIG DATA

which I see before me?

NO.

This isn't even data.

TRAVERSE AREA DISTRICT LIBRARY

Statistics Dashboard

Detailed numbers for all locations, updated daily.

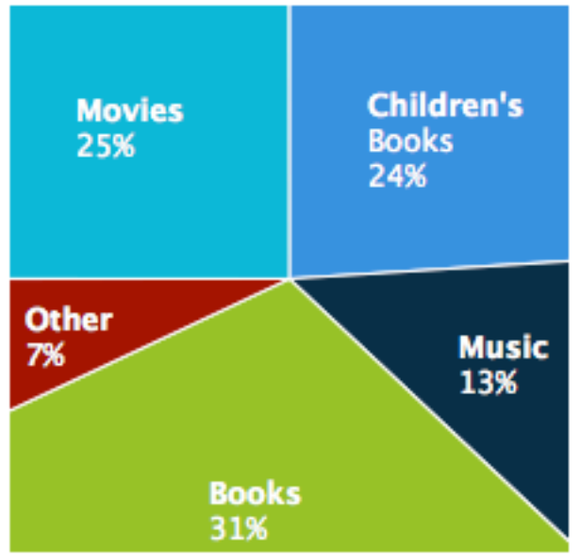
All Locations | East Bay | Fife Lake | Interlochen | Kingsley | Peninsula | Woodmere

so far this year, **146,466** books, **110,686** children's books, **117,411** movies, **59,860** albums, **8,327** magazines , **15,650** audiobooks and **1,215** puppets circulated.

33,431 public computing sessions by **5,914** users, totaling **28,328** hours.

37,348 wireless sessions by **8,348** unique devices.

1,905 new user accounts created. **40,645** questions answered.



Circulation by Type

...thereby shall we shadow
The numbers of our host and make discovery
Err in report of us.

Photo: Luz, “amber” http://www.flickr.com/photos/nieve44/3800137286/ CC-BY

up, up, and see
The great doom's image!

The sacred storehouse of his predecessors,
And guardian of their bones.

```
Type:   c      ELvl:   I      Srce:   d     Audn:          Ctrl:          Lang:   N/A
BLvl:   m      Form:          Comp:   sn    AccM:          MRec:          Ctry:   ru
Desc:   a      FMus:   a      LTxt:   n     DtSt:   s      Dates: 1985,      ¶
```

```
   1   040       IUL ǂc IUL ¶
   2   028 22    12839 ǂb Muzyka ¶
   3   048       ǂb sb01 ǂa ka01 ¶
   4   090       M42.V3 ǂb S5 ¶
   5   090       ǂb  ¶
   6   049       IULA ¶

   7   100 1     Vasilenko, Sergeĭ Nikiforovich, ǂd 1872-1956. ¶
   8   240 10    Sonata, ǂm viola, piano, ǂn op. 46 ¶

   9   245 00    Sonata dl ̂i ̂a al'ta i fortepiano = ǂb Sonata for viola and piano
/ ǂc S. Vasilenko. ¶
  10   260       Moskva : ǂb Muzyka, ǂc 1985. ¶
  11   300       1 score (34 p.) + 1 part (11 p.) ; ǂc 29 cm. ¶

  12   500       "Op. 46 (1923)"-- Caption. ¶

  13   650  0    Sonatas (Viola and piano) ǂx Scores and parts. ¶
```

Image: http://library.music.indiana.edu/tech_s/manuals/training/marc/record1.html

Photo: Mike Linksvayer, “dsc02977.jpg” http://www.flickr.com/photos/mlinksva/2254052444/ CC-BY

Strange things I have in head, that will to hand;
Which must be acted ere they may be scann’d.

is this

BIG DATA

which I see before me?

NOT YET.

AGGREGATION

Ay, in the catalogue ye go for men;
As hounds and greyhounds, mongrels, spaniels,
curs,
Shoughs, water-rugs and demi-wolves, are clept
All by the name of dogs: the valued file
Distinguishes the swift, the slow, the subtle,
The housekeeper, the hunter, every one
According to the gift which bounteous nature
Hath in him closed; whereby he does receive
Particular addition.

We shall not spend a large expense of time
Before we reckon with your several loves...

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Search everything

Advanced search | Find a Library

WorldCat connects you to the collections and services of more than 10,000 libraries worldwide Learn more ››

OAISTER

OAIster
...find the pearls

Home | Search | Browse Institutions | Help

Your search was in the **Title** field for **"dancing boy"** and in the **Author/Creator** field for **"boyd"**.

You found **1 record.**
* Revise your search to retrieve fewer records.
* View your results, starting with **records 1 of 1** .

Results by Institution

National Library of Australia (NLA) Digital Object Repository
1 record

Sort by: title

Record 1 of 1

Title	**Dancing boy** [picture] /
Author/Creator	**Boyd**, Martin, 1893-1972.
Publisher	[ca. 1965]
Year	1965
Resource Type	Image
Resource Format	1 painting : oil on cardboard ; 19.7 x 16 cm.
Note	R9855.
Note	Item held by National Library of Australia
Note	nla.pic-an3328617
Subject	Painting, Modern -- 20th century -- Australia.
URL	http://nla.gov.au/nla.pic-an3328617

I see thee compass'd with thy kingdom's pearl...

DPLA

DPLA DIGITAL PUBLIC LIBRARY OF AMERICA

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A Wealth of Knowledge

from libraries, archives, and museums

Search the Library

Exhibitions

View all »

Explore
by Place

Map »

Explore
by Date

Timeline »

O proper stuff!
This is the very painting of your fear...

is this

BIG DATA

which I see before me?

SIGH.

It could be, but...

laura x to **laura's feed**, **LSW**

You know what I really hate? Data that exists that I can't use. And I hate it even more when I'm not sure if I can't use it because I lack the programming skills or if it's actually structurally impossible.

April 8 - Comment - Like - Share

Betsy #TeamMonique, Kirsten, Victor Ganata and Jennifer Dittrich liked this

Case in point: I have decided that it's a goal of mine that for all series in the fiction collection that circulate reasonably well, I want us to have the full series. Right now, this is a cumbersome and annoying task. I have to identify the series (because not all of them are cataloged as such), see what we have, check the circulation, then check NoveList and compare the lists and look for gaps. - laura x

This just seems like an incredibly dumb use of my time when we have things like, say, ISBNs. - laura x

The multiplying villanies of nature Do swarm upon him

lescarr
@lescarr

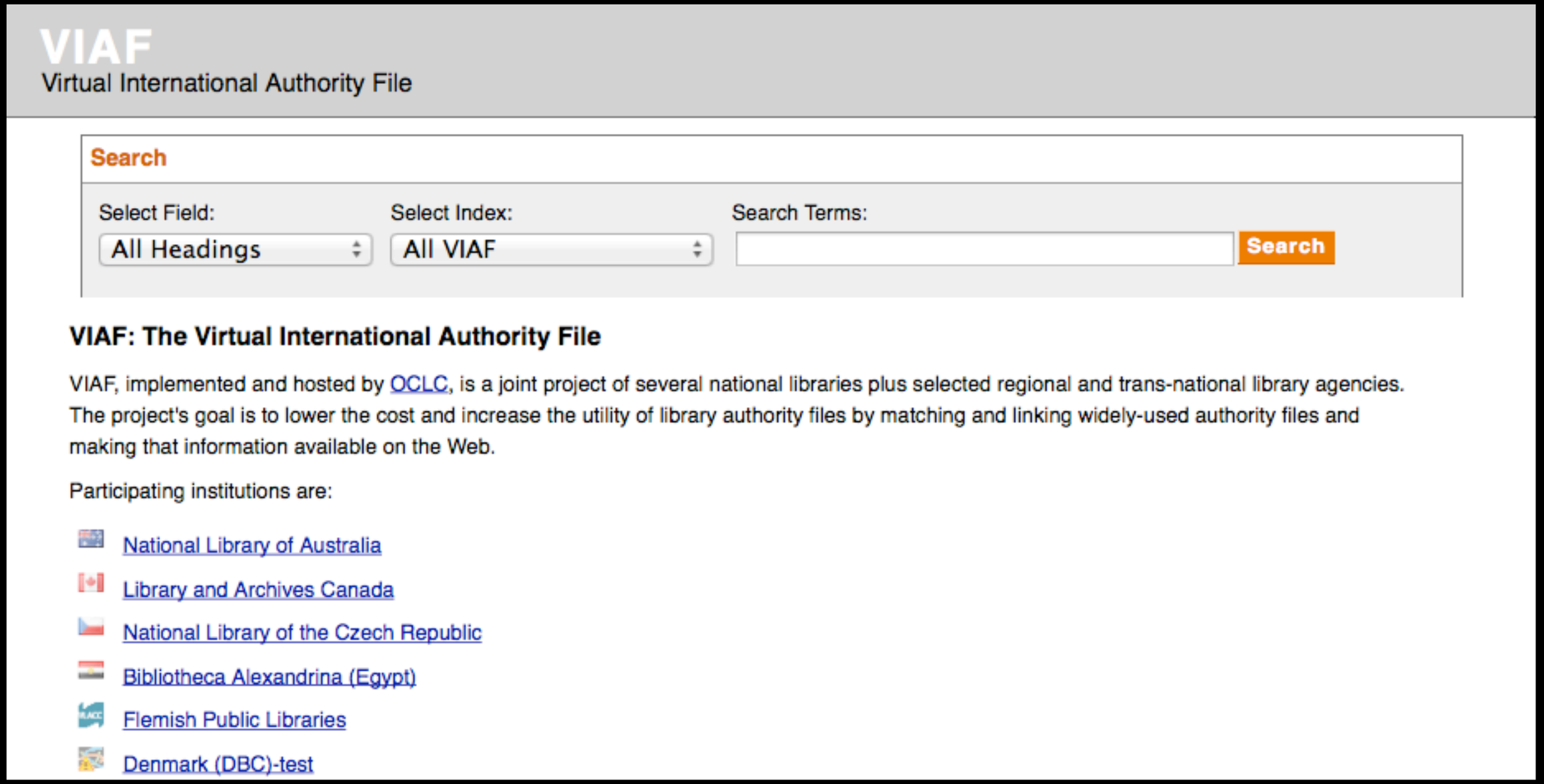
Following

Am I the only one who worries about the sixth V of Big Data? "Velociraptor". When a big commercial aggregator swoops in & devours everything

Reply Retweet Favorited More

...there cannot be
That vulture in you, to devour so many

As two spent swimmers, that do cling together
And choke their art.



As two spent swimmers, that do cling together
And choke their art.

VIAF
Virtual International Authority File

Search

Select Field:

Select Index:

Search Terms:

Open Bibliography and Open Bibliographic Data

Open Bibliographic Data Working Group
the Open Knowledge Foundation

Home About Get Involved Principles on Open Bibliographic Data Projects

← JISC Discovery 2012

BibServer Code Sprint January 2011 →

Sweden Ends Negotiations with OCLC

Posted on January 12, 2012 by Adrian Pohl

The following guest post is by Maria Kadesjö who works at the Libris-department at the National Library of Sweden.

The national library of Sweden has ended negotiations with OCLC on participation in WorldCat, as the parties could not come to an agreement. The negotiations go back to 2006 and the key obstacle for the national library has been the record use policy. Some time into the negotiations OCLC presented certain conditions for how records taken from WorldCat for cataloguing were to be used in Libris.

Open Knowledge Foundation

Total Petition Signatures

- OpenBiblio Principles: 182

Recent Comments

- Aaron Swartz Memorial | It's My Blog, Dammit! …. Anything and Everything! on Harvard Library releases 12M bibliographic records under CC0
- Elsevier's growing monopoly of IP in

when worldcat.org do come to DPLAne

LSW: DJF

The OCLC Affiliate Services Terms and Conditions say that I may only use the affiliate services for Purposes: "G. 'Purposes' means managing and enabling access to: (i) library services, library materials, library resources and information related thereto; and/or (ii) services, materials, resources or information of interest to library patrons."

2 minutes ago - Comment - Like - Share

I can, barely, stretch this definition to include the work that I'm doing on my research project, since one of the outcomes is, in theory, data that will help us improve our collections. But the grad student who wants to use WorldCat data for a bibliographic study of the spread of publishing in New Spain is pretty much out of luck. - DJF

OCLC needs to update the terms to allow for bibliometric research and digital scholarship. - DJF

when worldcat.org do
come to DPLAne

Think upon what hath
    chanced, and, at more time,
The interim having weigh'd it,
    let us speak
Our free hearts each to other.

if this is

BIG DATA

which I see before me

NOW WHAT?

SKILLS

~~SKILLS~~

~~SKILLS~~

Every one that does so is a traitor, and must be hanged.

SCAFFOLDING

Who cares, right now? Who else should?

What bets should we make, now and future?

What can we use, right now?

How can we experiment?

What do we build? Fix?

This presentation is available under a Creative Commons Attribution 3.0 United States license.

is this BIG DATA which I see before me?

Dorothea Salo
University of Wisconsin–Madison