

Linked Open Communism:

Better discovery through data dis- and re-aggregation

--- or --

How I learned to sh̄ut about about linked  
data  
**AND BUILD SOMETHING!!**





- Metadata as a GraphTyped “things”, nam







# Refine



Google refine Daily Worker 2 Permalink

Open... Export ▾ Help

Facet / Filter Undo / Redo 3

Refresh Reset All Remove All

Column 1: judgment change invert reset

1 choices Sort by: name count

none 7000 exclude

Facet by choice counts

Column 1: best candidate's score change reset



50.00 — 130.00

☒ Numeric 14740 ☐ Non-numeric 0 ☐ Blank 0 ☐ Error 3758

7000 matching rows (18498 total)

Extensions: Freebase ▾

Show as: rows records Show: 5 10 25 50 rows

« first < previous 301 - 350 next > last »

<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Bill Hands (50)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Create new topic
Search for match		
<input type="star"/>	<input type="comment"/>	563. Hannibal of Carthage
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hannibal Barca (59)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hannibal of Carthage
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hannibal Mago (31)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Create new topic
Search for match		
<input type="star"/>	<input type="comment"/>	564. Hannibal Valdimarsson
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hannibal Valdimarsson
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Union of Liberals and
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Bergur Sigurbjörnsson
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Create new topic
Search for match		
<input type="star"/>	<input type="comment"/>	567. Harlem Globetrotters
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Harlem Globetrotters
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Harlem Globetrotters
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Harlem Globetrotters
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Create new topic
Search for match		
<input type="star"/>	<input type="comment"/>	569. Hawaii
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hawaii (75)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Hawaii (75)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	University of Hawaii
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Create new topic
Search for match		
<input type="star"/>	<input type="comment"/>	570. Haymarket Affair
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Haymarket affair (83)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Haymarket affair Chicago, 1886 (25)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Strangled voices: the story of the Haymarket affair. (19)
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Create new topic

Match this Cell Match All Identical Cells Cancel

## Hannibal of Carthage

Publication date: 1955

Edition Of: Hannibal of Carthage

Place of publication: New York City

### Related Links

[Stanford Search/Works](#)

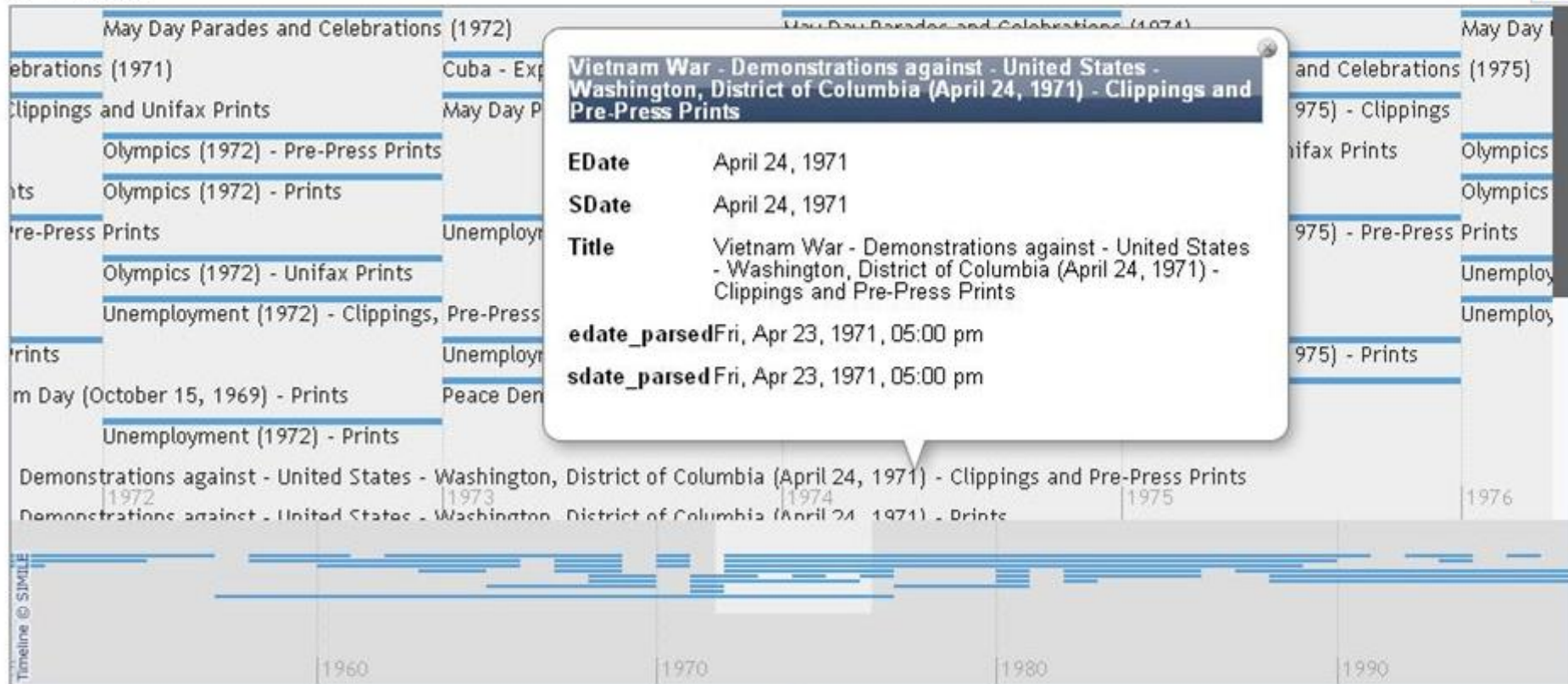
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[Metaweb](#)

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211 Items

LIST • TIMELINE



# *Context*



# Users' stories Adding context through recombination

# Backing Away from Evangelism...



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2013-02-13

code4lib2013



## Aside on metaphors



Image by Jonestown Institute via Wikimedia Commons

[http://en.wikipedia.org/wiki/File:Jonestown\\_e](http://en.wikipedia.org/wiki/File:Jonestown_e)

reference.jpg





## Aside on metaphors



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Search

## Drinking the Kool-Aid

From Wikipedia, the free encyclopedia

*For the Veronica Mars episode, see [Drinking the Kool-Aid \(Veronica Mars\)](#).*

**"Drinking the Kool-Aid"** is a [metaphor](#) commonly used in the [United States](#) and [Canada](#) that refers to a person or group holding an unquestioned belief, argument, or philosophy without critical examination. The phrase typically carries a negative connotation when applied to an individual or group. There are two likely sources for the term: the first is the [Ken Kesey Kool-Aid Acid Tests](#) of the 1960s. The second source is the November 1978 [Rev. Jim Jones Jonestown Massacre](#),<sup>[1][2]</sup> where members of the [Peoples Temple](#) were said to have committed suicide by drinking a Kool-Aid drink laced with [cyanide](#).<sup>[3][4]</sup>

The Acid Tests were a series of parties held by novelist Ken Kesey in the San Francisco Bay Area during the mid 1960s, centered entirely around the use of, experimentation with, and advocacy of, the psychedelic drug LSD, also known as "acid." Kesey, along with the [Merry Pranksters](#), a group of people associated with Kesey, traveled around the United States and held events called "[Acid Tests](#)", where LSD-laced Kool-Aid was passed out to the public (LSD wasn't illegal in the U.S. until 1966). Those who drank the "Kool-Aid" passed the "Acid Test". These events were described in [Tom Wolfe's](#) 1968 book *The Electric Kool-Aid Acid Test*. However, the expression is never used figuratively in the book, only literally. This source of the phrase may explain why some references to "drinking the Kool-Aid" are not negative, but, rather, refer to enthusiasm for a new idea. Basically, though, the inference can be made that if someone "drank the Kool-Aid" then they are "tripping," *i.e.*, hallucinating and removed from reality.

Some survivors of the Jonestown incident object to the link between blind faith and the deaths of members of the People's Temple implied by the phrase, because some victims were murdered—forced to drink at gunpoint—rather than being convinced to commit suicide. In addition, Jim Jones had previously had many rehearsals for the event in which the drink contained no poison, which led to cult members believing the drink was harmless on the day that it did contain poison.<sup>[5]</sup>

Objections notwithstanding, the phrase has been used in a variety of contexts to describe blind, uncritical acceptance or following. This usage began in limited circles in the late 1990s, and reached mainstream use in the late 2000s.

### Contents [\[hide\]](#)

- [1 Use](#)
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- [3 See also](#)
- [4 References](#)

### Use [\[edit\]](#)

According to scholar Rebecca Moore, early analogies to Jonestown and Kool-Aid were based around death and suicide, not blind obedience.<sup>[6]</sup> The earliest such example she found, via a [Lexis-Nexis](#) search, was a 1982 statement from [Lane Kirkland](#), then head of the [AFL-CIO](#), which described [Ronald Reagan's](#) policies as "Jonestown economics," which "administers Kool-Aid to the poor, the deprived and the unemployed."<sup>[6]</sup>

In 1984, a Reagan administration appointee, Clarence M. Pendleton Jr., chairman of the [United States Commission on Civil Rights](#), was quoted as criticizing civil rights leaders [Jesse Jackson](#), [Vernon Jordan Jr.](#), and [Benjamin Hooks](#) by making an analogy between allegiance to "the black leadership" and blind obedience to the Jonestown leaders: "We refuse to be led into another political Jonestown as we were led during the Presidential campaign. No more Kool-Aid, Jesse, Vernon and Ben. We want to be free."<sup>[7]</sup>

In 1989, Jack Solerwitz, a lawyer for many of the air traffic controllers who lost their jobs in the 1981 [PATCO](#) strike, explained his dedication to their cause in spite of the substantial personal financial losses he incurred by saying "I was the only lawyer who kept the doors open for them, and I thought I'd get a medal for it... Instead, I was the one who drank the Kool-Aid."<sup>[8]</sup>

The widespread use of the phrase with its current meaning may have begun in the late 1990s. In some cases it began to take on a neutral or even positive light, implying simply great enthusiasm. In 1998, the dictionary website [logophilia.com](#) defined the phrase as "To become a firm believer in something; to accept an argument or philosophy whole-heartedly."<sup>[6]</sup>

The phrase has been used in the business and technology worlds to mean fervent devotion to a certain company or technology. A 2000 *The New York Times* article about the end of the [dot-com bubble](#) noted, "The saying around San Francisco Web shops these days, as companies run out of money, is 'Just keep drinking the Kool-Aid,' a tasteless reference to the Jonestown massacre."<sup>[9]</sup>

The phrase or metaphor has also often been used in a political context, usually with a negative implication. In 2002, [Arianna Huffington](#) used the phrase "pass the Kool-Aid, pardner" in a column about an economic forum hosted by President [George W. Bush](#).<sup>[10]</sup> Later, commentators [Michelangelo Signorile](#) and [Bill O'Reilly](#) have used the term to describe those whom they perceive as following certain ideologies blindly.<sup>[11]</sup> In a 2009 speech, *Newsweek* editor [Jon Meacham](#) stressed his political independence by saying, "I did not drink the Obama Kool-Aid last year."<sup>[12]</sup>







Context is so central



And yet our Controlled VocablsAre nearly  
goneBecause the interfaces to them were  
broken



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## Browse an Alphabetical List of

Subjects beginning with Labor Unions

### Browse List: General Subjects

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Rec. Count	Brief Recs	Entry
2		Labor unions
50+	<a href="#">Brief Recs</a>	Labor unions - [LC Authority Record]
3		Labor unions -- Accounting - [LC Authority Record]
10	<a href="#">Brief Recs</a>	Labor unions -- Africa
4		Labor unions -- Africa -- Bibliography
1		Labor unions -- Africa -- Directories
1		Labor unions -- Africa, French-speaking
1		Labor unions -- Africa, French-speaking West
1		Labor unions -- Africa, French-speaking West -- Officials and employees
3	<a href="#">Brief Recs</a>	Labor unions -- Africa -- History -- 20th century

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# Standard

## Cross-references - General Subjects - Labor unions

Click on the tag in the left column to jump to this heading in the Browse List. Click on the heading in the right column to view a set of records related to this heading. Click on the browser's back button to return to your place in the Browse List.

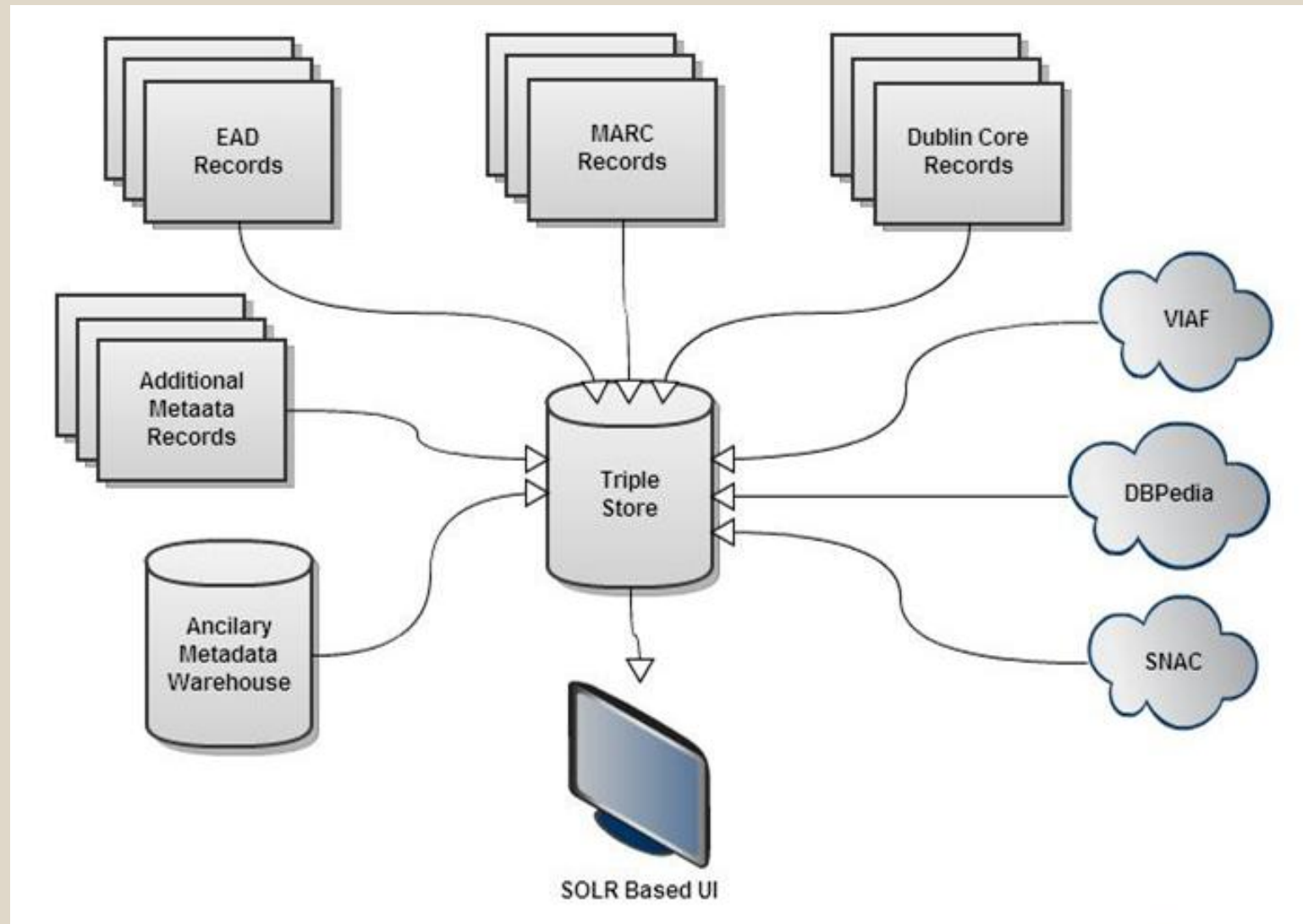
Sys. no.	001708107
Heading	Labor unions
Sub. CSAR	subdivisionLabor unionsunder occupational
Seen from	Industrial unions
Seen from	Labor, Organized
Seen from	Labor organizations
Seen from	Organized labor
Seen from	Unions, Labor
Seen from	Unions, Trade
Seen from	Working-men's associations
Earlier valid form	Trade-unions
Broader term	Labor movement
Broader term	Societies
Broader term	Labor movement
Broader term	Societies
Narrower term	International labor activities
Narrower term	Jewish labor unions
Narrower term	Military unions
Narrower term	Government employee unions
Narrower term	Labor union locals





- Next-Gen Discovery Systems don't make use of Authority Control  
“Browse” was/is broken as a UI Design  
Rich data in Authorities, disconnected from narrative, context, search  
Richer “Authority” type data **outside** libraries...

# Linked Data Based UI Design For Boutique Collections



# A research leave



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2013-02-13

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## Initial Scope



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Dis-aggregate EAD records into  
Collections & Components  
Create a broad  
set of resource “types”  
Extract key  
“entities” from EAD  
Put this in  
Blacklight  
Load MARC & other data



 blacklight

All Fields ▾transit workersSearch 🔍

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### Limit your search

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file	58
collection	28
Book	13
Unknown	13
item	11
Serial	8
otherlevel	4
corporation	2

Publication Year ▸

Topic ▸

Language ▸

Call Number ▸

Region ▸

Era ▸

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You searched for: transit workers x [Start Over](#)

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10 per page ▾Sort by relevance ▾

1. [Transit Workers Demonstration](#) ☐ Bookmark

Title/Label: Transit Workers Demonstration

Format: item

2. [Transit Workers Demonstration](#) ☐ Bookmark

Title/Label: Transit Workers Demonstration

Format: item

3. [Demonstration by Transit Workers.](#) ☐ Bookmark

Title/Label: Demonstration by Transit Workers.

Format: file





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transit workers

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### Limit your search

Format ▾

corporation ✕

2

*Did you mean to type: [transcript](#) or [transport](#) or [transcripts](#) or [workerand](#)?*

You searched for:

transit workers

✕

Format > corporation

✕

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1 - 2 of 2

10 per page ▾

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#### 1. [Transport Workers Union of America.](#)

☐ [Bookmark](#)

Title/Label: Transport Workers Union of America.

Format: corporation



#### 2. [Fourth International.](#)

☐ [Bookmark](#)

Title/Label: Fourth International.

Format: corporation



blacklight

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Search...

Search Q

Login

Bookmarks | History

SMS This

## Transport Workers Union of America.

Title/Label: Transport Workers Union of America.

Format: corporation

Abstract: Transport Workers Union of America (TWU) is a United States labor union that was founded in 1934 by subway workers in New York City, then expanded to represent transit employees in other cities, primarily in the eastern U.S. This article discusses the parent union and its largest local, Local 100, which represents the transport workers of New York City. The TWU is a member of the AFL-CIO. The TWU established a reputation for militancy and for left-wing politics and was one of the first unions to join the Congress of Industrial Organizations. Its president, Mike Quill, renounced his former Communist allies in the early days of the Cold War, avoiding expulsion from the CIO. The TWU began representing airline employees in 1945, when it organized ground service employees at Pan American World Airways in Miami; it then expanded to represent flight attendants and airline maintenance employees as well. The American Airlines flight attendants in its membership seceded to form their own union, the Association of Professional Flight Attendants, in the 1970s. TWU represents ground service employees, maintenance workers, flight attendants and other employees at a number of different airlines, including American Airlines, Northwest Airlines, Continental Airlines, United Airlines, Southwest Airlines, America West Airlines and Alaska Airlines. It also represents employees of Amtrak, Conrail and several small short line carriers. The TWU began representing railway employees in 1954, when it absorbed the United Railroad Workers Organizing Committee, an organizing committee formed by the CIO in 1943 as a rival to the railway brotherhoods within the American Federation of Labor.

Related Collections [http://localhost:3000/catalog/films\\_001](http://localhost:3000/catalog/films_001)  
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[http://localhost:3000/catalog/wag\\_234](http://localhost:3000/catalog/wag_234)  
[http://localhost:3000/catalog/wag\\_235](http://localhost:3000/catalog/wag_235)  
[http://localhost:3000/catalog/wag\\_326](http://localhost:3000/catalog/wag_326)

Link to DBPedia [http://dbpedia.org/resource/Transport\\_Workers\\_Union\\_of\\_America](http://dbpedia.org/resource/Transport_Workers_Union_of_America)



# Vanilla Blacklight“pre-beta”

# Technology Stack – Support Tools



Datasets Sname

## Gadget

Sname

prefix	namespace URI
urn:isbn:	urn:isbn:1-931666-22-9
ns2	<a href="http://www.w3.org/1999/xlink">http://www.w3.org/1999/xlink</a>
xsi	<a href="http://www.w3.org/2001/XMLSchema-instance">http://www.w3.org/2001/XMLSchema-instance</a>

### Color Codes

- identifier** - every time the path was found, it contained a **different value**
- constant** - every time the path was found, it contained the **same value**
- empty** - every time the path was found, it contained **no values**

### Path Info

- xpath** - name of the element or attribute
- count** - how many values were found in this path
- uniques** - how many **unique** values were found
- length** - the average character length of the values

Simile

xpath	count	uniques	length
id persname	2	2	727
1 @normal	1	1	13
title	521	510	251
@render	520	2	5
1 @type	25	1	6
controlaccess	1109		
corpname	3342	1622	42
@role	3	2	11
@rules	84	3	4
@source	3342	4	3
id famname	5	5	13
@source	5	2	5
genreform	3193	258	16
@source	3193	3	3
geogname	1401	409	39
@source	1401	2	4
1 occupation	1	1	8
1 @source	1	1	4
persname	5270	3346	24
@role	102	15	16
@rules	270	3	4

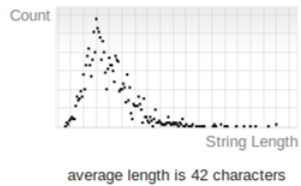
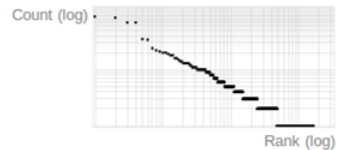
[hide identifiers](#) | [hide constants](#) | [hide sparklines](#)





/lead/archdesc/controlaccess/corpname

Show all values | [Show only clusters](#)



Simile

1622 unique values out of 3342 occurrences

Value <input type="text" value="Type value to jump to"/>	Frequency	Length
1199, National Health and Human Service Employees Union.. -- <i>lv</i> Pictorial works	1	79
1989 Charter Revision Commission (New York, N.Y.).	1	50
30th Street Station (Philadelphia, Pa.).	1	40
ACT UP New York (Organization).	1	31
AFL-CIO.	13	8
AFL-CIO. Committee on Political Education.	4	42
AFL-CIO. International Affairs Dept.	1	36
AFL-CIO. New York City Central Labor Council.	5	45
AFL-CIO. New York City Central Labor Council. Black Trade Unionists Leadership Committee.	3	89
AFSCME.	9	7
AFSCME. District Council 1707.	3	30
AFSCME. District Council 37 (New York, N.Y.).	15	45
AFSCME. District Council 37 (New York, N.Y.). -- History	3	56
AFSCME. District Council 37 (New York, N.Y.). -- <i>lv</i> Periodicals	2	63
AFSCME. District Council 37 (New York, N.Y.). -- <i>lv</i> Pictorial works	1	67
AFSCME. District Council 50 (N.Y.).	1	35
AFSCME. Local 1930 (New York, N.Y.).	3	36
AFSCME. Local 420 (Municipal Hospital Workers Union) (New York, N.Y.).	2	70
AFSCME. Local 420 (Municipal Hospital Workers Union) (New York, N.Y.). -- <i>lv</i> Pictorial works	1	92
AT & T.	1	7

Showing [10](#), [20](#), [50](#), [100](#) values per page

[next page](#) ➔



Python & RDFLib4Store &  
HTTP4StoreSunburntFuzzyWuzzy(Lots of  
other Python modules....)

# FuzzyWuzzy & SeatGeek!



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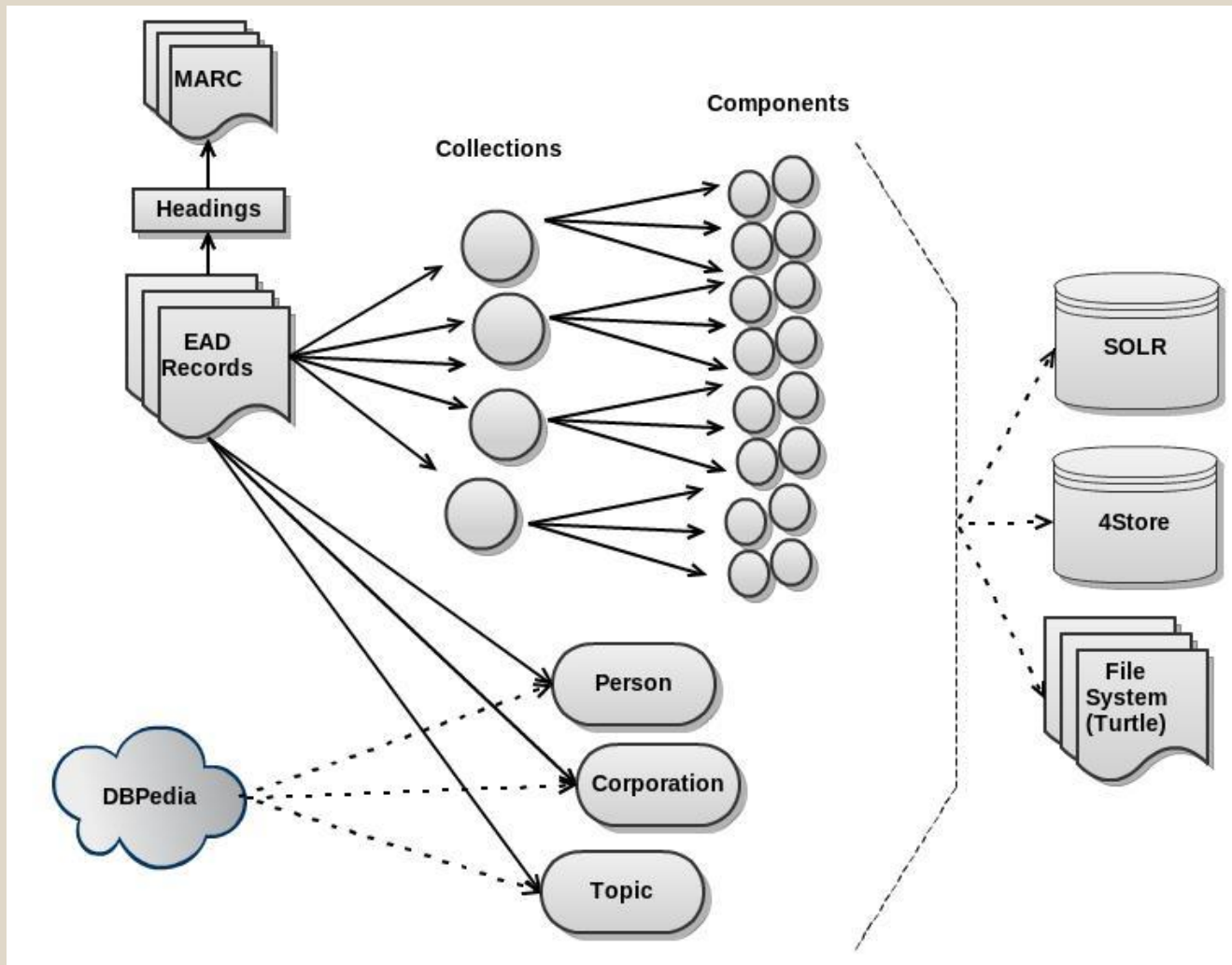
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Deal Score	Section	Market	Price per ticket
<b>Great Deals (?)</b>			
81	314	2 e-tix VIVIDSEATS	\$24
80	321	4 e-tix VIVIDSEATS	\$25
79	110	4 tix ticket network	\$114
78	332	2 e-tix VIVIDSEATS	\$24
73	321	4 e-tix VIVIDSEATS	\$25
72	304	2 e-tix VIVIDSEATS	\$24
70	202	2 tix ticket network	\$110
69	304	2 e-tix StubHub!	\$23
68	322	3 tix StubHub!	\$45
<b>Good Deals (?)</b>			
67	217	2 e-tix StubHub!	\$118
66	324	2 e-tix StubHub!	\$24

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Fuzzy Wuzzy – Awesome Library from SeatGeek  
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<http://seatgeek.com/blog/dev/fuzzywuzzy-fuzzy-string-matching-in-python>

# Data Flow







## Classes: Collections, Components, EntitiesClass methods



EAD -> SOLR:DBPedia matchingRe-solr-  
izing entities: ~10 minutes



Provenance-ish  
First EAD cut produced  
~4m triples  
Easy to delete whole graphs,  
or individ triples  
SPARQL-able – good for  
stats:





Image by wallygrom via flickr  
<http://www.flickr.com/photos/33037982@N04/3669790240/>

<https://github.com/chrpr/ead2rdf2solr>



Components: Inheritance of accesspoints  
VIAF, id.loc, fast reconciliationOverride  
configs for DBPedia matching



Germany. |t Treaties, etc. |g Soviet Union,  
|d 1939 Aug.

23.[http://dbpedia.org/page/Treaty\\_of\\_Non-](http://dbpedia.org/page/Treaty_of_Non-)

Aggression\_between\_Germany\_and\_the  
\_Soviet\_UnionTextile Workers' Strike,  
Gastonia, N.C.,

1929.[http://dbpedia.org/page/Loray\\_Mill\\_](http://dbpedia.org/page/Loray_Mill_Strike)  
Strike





EAC-CPF reconciliation, record  
creationPossibly relationship to  
Hydra?SOLR Relevancy RankingSOLR-  
Marc ModificationsUpdate  
mechanismTest with other Datasets  
(NYPL/NYU/METRO project)

Thanks!



corey.harper@nyu.edu212.998.2479@chrpr