

Keynote address

GL 15 conference

Slovak Centre of Scientific and Technical Information,
CVTI SR

Bratislava, Slovak Republic

2-3 December 2013

Debbie L. Rabina

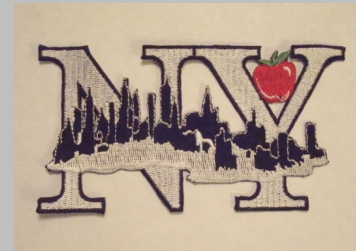
Associate Professor, Pratt Institute,
School of Information and Library Science



Dominic Farace



Jerry Frantzen



Grey Audit – quantitative aspects

The Grey Audit seeks to ascertain the validity and reliability of information and data produced in the grey circuit. **It further seeks to measure the cost effectiveness of investing in grey literature both in material as well as in human resources.** The Grey Audit sets out to examine accepted standards applied in processing and distributing grey literature in an effort to identify guidelines for good practice that will be of benefit well into our 21st Century. Such examples of good practice will no doubt impact policy, which in turn will ensure future programs where grey literature is deployed.

Grey Audit – qualitative aspects

The Grey Audit seeks to ascertain the **validity** and **reliability** of information and data produced in the grey circuit. It further seeks to measure the cost effectiveness of investing in grey literature both in material as well as in human resources. The Grey Audit sets out to examine **accepted standards applied in processing and distributing grey literature in an effort to identify guidelines for good practice** that will be of **benefit** well into our 21st Century. Such examples of good practice will no doubt impact policy, which in turn will ensure future programs where grey literature is deployed.

Research

Teaching

This I believe:

- **Access to information**
- **Open dissemination**
- **Personal and societal goals**
- **Information as an engine of renewal and growth**





Keynote Address

Open government data – the long and winding road


Debbie Rabina, Pratt Institute,
School of Information and Library Science, United States

On May 9th 2013, President Obama signed an Open Data Executive Order and released an **Open Data** Policy memorandum. The new policies have been widely **applauded** as a means to promote **transparency**. The information community is focused on two elements of the new policy. The first, whereby all newly generated government **information** will be **released** by default in open and machine-readable format. And, the second that deals with the definition of information life cycle and open data from a data curation perspective.




- **End of Term Harvest**
 - Capture social media used by the U.S. Government and archive it for future researchers
- **United Nations Peacekeeping Data**
 - Convert #s in scanned PDF to interactive database on UNPKO
- **Visual First Amendment**
 - Visualization of U.S. Supreme Court First Amendment cases

The End of Term (EOT) harvest


ASK A LIBRARIAN
DIGITAL COLLECTIONS
LIBRARY CATALOGS

[The Library of Congress](#) > [Blogs](#) > [Digital Preservation](#) > [An Abundant Crop: The End of Term Harvest](#)

All Formats
Search Loc.gov
GO



GO

Print
Subscribe
Share/Save

An Abundant Crop: The End of Term Harvest

November 29, 2012 by [Susan Manus](#)


The following is a guest post by [Abbie Grotke](#), Library of Congress Web Archiving Team Lead

A [previous post](#) described the End of Term collaborative web archive. Well, when we say collaborative, we mean it. This year, our call for volunteers brought forward Associate Professor Debbie Rabina and her fabulous students at Pratt, who identified social media content to preserve as a part of the project – an area our team was increasingly concerned about, since these accounts don't show up on official lists of government websites. I recently asked Rabina some questions about their involvement in EOT. For those interested in learning more, she has shared more details on [her blog](#).

Abbie: Tell us about who you are and who was involved.

Debbie: I am associate professor at Pratt Institute, School of Information and Library Science, where I teach the Government Information Sources course. This semester, my class volunteered to help the EOT project by capturing social media websites of the federal government.

The following students all contributed to the project: Laural Angrist, Leo Bellino, Denis Chaves, Megan Fenton, Eloise Flood, Shanta Gee, Lucia Kasiske, Mike Kohler, Emily Lundeen, Julia Marden, Joan, Erin Noto, Lauren Reinhalter, Megan Roberts, Malina Thiede and Rachel Whittmann (who provided the title for



THE SIGNAL DIGITAL PRESERVATION

About This Blog


Categories

[Content Matters Interview](#)
[Digital Content](#)
[Education and Training](#)
[FADGI](#)
[Inside the Library](#)
[Insights Interview](#)
[NDSA](#)
[Outreach and Events](#)
[Partners and Collaboration](#)
[Personal Archiving](#)
[Publications and Resources](#)
[Tools and Infrastructure](#)
[Videos and Podcasts](#)
[Viewshare](#)

Archives

[2013 \(207\)](#)
[2012 \(256\)](#)
[2011 \(172\)](#)

[About GPO](#) | [Newsroom/Media](#) | [Congressional Relations](#) | [Inspector General](#) | [Careers](#) | [Contact](#) | [askGPO](#) | [Help](#)


U.S. GOVERNMENT PRINTING OFFICE | Keeping America Informed

[Home](#) | [Customers](#) | [Vendors](#) | [Libraries](#)

FDsys:
GPO's Federal Digital System
[About FDsys](#)
[Search Government Publications](#)
[Browse Government Publications](#)
[FDsys Tutorials](#)

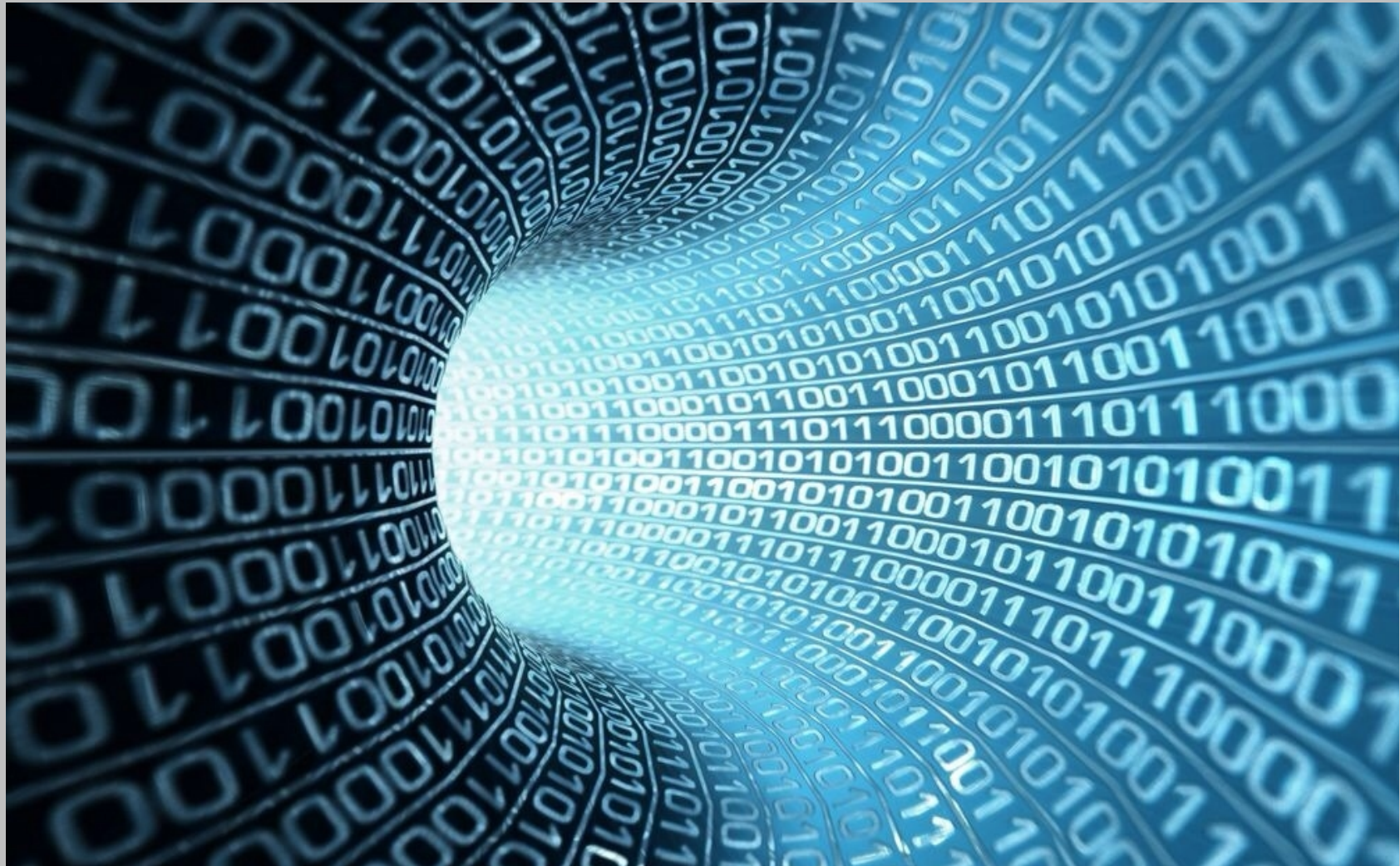
FDsys > Browse By Collection
BROWSE GOVERNMENT PUBLICATIONS

Collection	Congressional Committee	Date	Government Author
<ul style="list-style-type: none"> Additional Government Publications Select Publications Budget of the United States Government Fiscal Years 1996 to Present Bulk Data Select Publications Coastal Zone Information Center 1951 to 1999 Code of Federal Regulations XML Bulk Data 1996 to Present Commerce Business Daily Bulk Data 1996 to 2001 Compilation of Presidential Documents 1993 to Present Congressional Bills XML Bulk Data (House) 103rd Congress to Present Congressional Calendars 104th Congress to Present Congressional Committee Prints including Ways and Means Committee Prints 104th Congress to Present Congressional Directory 104th Congress to Present Congressional Documents 104th Congress to Present Congressional Hearings including House and Senate Appropriations Hearings 104th Congress to Present Congressional Pictorial Directory including New Member Pictorial Directory 105th Congress to Present Congressional Record (Bound) 1999 to 2001 Congressional Record (Daily) 1994 to Present 		<ul style="list-style-type: none"> Federal Register XML Bulk Data FR 2.0 1994 to Present GAO Reports and Comptroller General Decisions 1994 to 2008 History of Bills 1983 to Present House Practice 104th, 108th, and 112th Congresses House Rules and Manual 104th Congress to Present Independent Counsel Investigations 1998 to 2002 Journal of the House of Representatives 1992 to 1999 List of CFR Sections Affected 1997 to Present Precedents of the U.S. House of Representatives Cannon, Deschler, and Hinds Privacy Act Issuances 1995 to 2005 Public and Private Laws 104th Congress to Present Public Papers of the Presidents of the United States XML Bulk Data 1991 to 2005 and 2009 Riddick's Senate Procedure 101st Congress Senate Manual 104th, 106th, 107th, 110th, 112th Congresses Supreme Court Decisions (FLITE) Bulk Data 1937 to 1975 Treasury Department Treasury Combined Statement of Receipts Treasury Reporting Rates of Exchange Official Register of the United States Account of the Receipts and Expenditures 	



LIBRARY OF
CONGRESS







Browser address bar: eotarchive.cdlib.org/2012.html

Browser tabs: Google Calendar, Pratt LMS, Facebook, Google Drive, TweetDeck, iGoogle, Mahjong solitaire, Visual First Ame..., Search DuckDuc...

Navigation links: [Contact Us](#) [Help](#)

End of Term Web Archive

US Federal Government Websites 2008-2009

Home	Search Full Text	Site List	Explore Data
------	------------------	-----------	--------------

[Overview](#)
[Project Background](#)
[Project Partners](#)
End of Term 2012

End of Term 2012

The End of Term project has resumed for an End of Term 2012-2013 archive, and we need help to identify websites for collection, particularly those that might be most at-risk of change or deletion at the end of the presidential term. If you or your organization would like to participate by nominating important websites for capture to help us build this archive, please use our [Nomination tool](#). Read more about the project [here](#).

Who can help:

We're looking for government document experts, subject experts, and any others interested in helping identify U.S. Federal Government websites for collection and preservation.

What you can do:

Nominations of any U.S. Federal Government domains are welcome. There are a few topic areas that we particularly need assistance identifying, including but not limited to:

- Judicial Branch websites
- Important content or subdomains on very large websites (such as NASA.gov) that might be related to current Presidential policies
- Government content on non-government domains (.com, .edu, etc.)

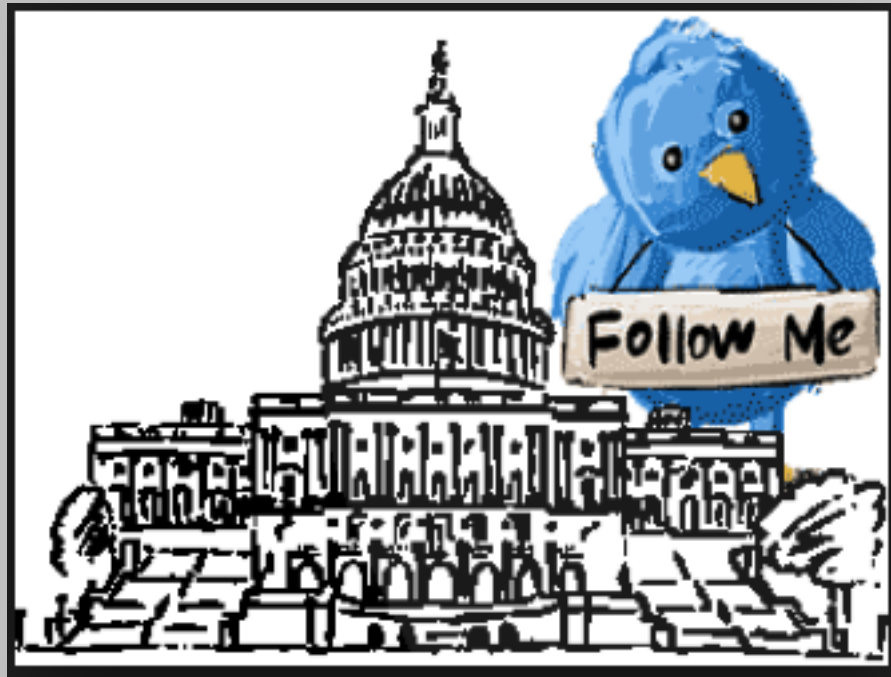
Volunteer nominators will be asked to contribute as much time and effort as they are able, whether it be a nomination of 1 website or 500 websites. Nominators will be given access to the Nomination Tool, which is an easy-to-use tool created by the University of North Texas to help with collaborative selection projects. Volunteers are asked to submit some simple metadata about the site that they are nominating. To participate, please use our [Nomination tool](#).

Project Timeframe

2012

- January 2012:** Project team will begin accepting early nominations of priority websites via the Nomination Tool.
- Summer 2012:** Recruitment of curators/nominators to help identify additional websites for prioritized crawling.
- July/August 2012:** Bookend (baseline) crawl of government web domains begins.
- Summer/Fall 2012:** Partners will crawl various aspects of government domains at varying frequencies, depending on selection policies/interests. Team will determine strategy for crawling prioritized websites.
- November - February 2012-13:** Crawl of prioritized websites.

Search bar: eotarchive.cdlib.org/search?smode=advanced

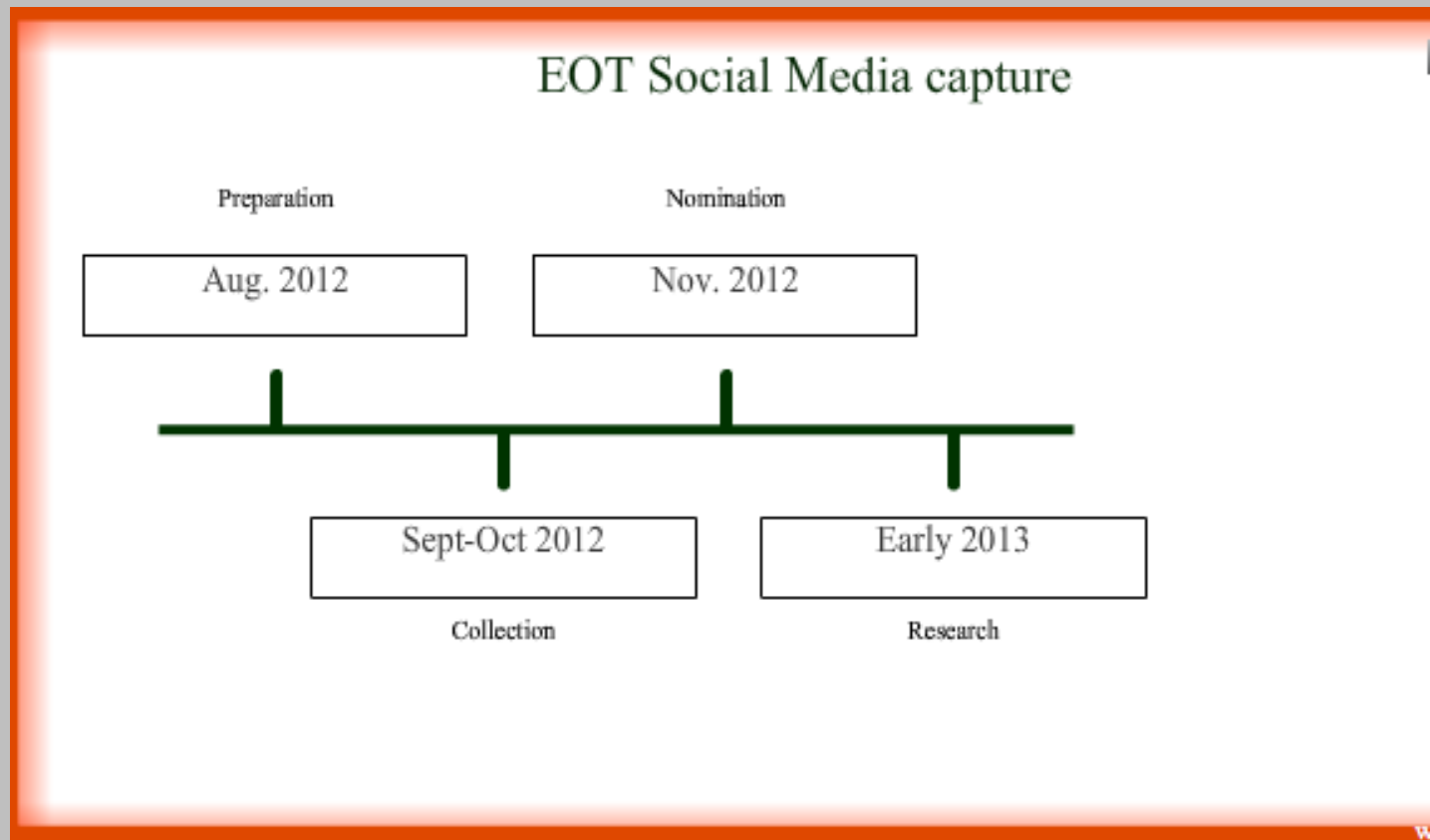


2012: Enter Pratt Institute

- Our role: To locate all the social media (facebook, Twitter, YouTube, etc.) used by the U.S. government so that they can be archived for posterity.



Timeline for collection of 1513 URLs



Scope: All executive and legislative branch social media websites

The screenshot displays the USA.gov homepage. At the top left is the USA.gov logo with the tagline "Government Made Easy". To its right is a search bar with the placeholder text "Search the Government..." and a "SEARCH" button. Further right is a "Español" link and a "Follow Us:" section with icons for Facebook, Twitter, YouTube, and a Blog link, along with the phone number "1-800-FED-INFO (333-4636)". Below these elements is a navigation bar with links for "Services", "Blog", "Topics", "Government Agencies", and "Contact Government". The main content area shows the breadcrumb "Home > Directory of Federal Agencies > G" and the heading "A-Z Index of U.S. Government Departments and Agencies". On the left, a "Contact Us" sidebar lists links for "FAQs", "E-mail Your Question", "Chat", and "Phone". To the right of the sidebar is a "Share:" section with icons for Facebook, Twitter, and E-mail. Below this is an alphabetical index where the letter "G" is highlighted. Under "G", a list of agencies is provided, including the General Services Administration, Geological Survey, Global Affairs (State Department), Government Accountability Office (GAO), Government Ethics, Office of, Government National Mortgage Association, Government Printing Office (GPO), and Grain Inspection, Packers and Stockyards Administration. At the bottom right, a footer states "Page Last Reviewed or Updated: November 15, 2013".

USA.gov
Government Made Easy

Search the Government... SEARCH

Español

Follow Us:
f Twitter YouTube Blog
1-800-FED-INFO (333-4636)

Services | Blog | Topics | Government Agencies | Contact Government

Home > Directory of Federal Agencies > G

Download Adobe Reader

A-Z Index of U.S. Government Departments and Agencies

Contact Us

- [FAQs](#)
- [E-mail Your Question](#)
- [Chat](#)
- [Phone](#)

Share: f Facebook t Twitter e E-mail

A B C D E F **G** H I J K L M N O P Q R S T U V W X-Z

G

- [General Services Administration](#)
- [Geological Survey](#)
- [Global Affairs \(State Department\)](#)
- [Government Accountability Office \(GAO\)](#)
- [Government Ethics, Office of](#)
- [Government National Mortgage Association](#)
- [Government Printing Office \(GPO\)](#)
- [Grain Inspection, Packers and Stockyards Administration](#)

Page Last Reviewed or Updated: November 15, 2013

Data Collection Process: Selection of URLs

1. Identify URL by using USA.GOV A-Z List + U.S. Govt. Manual



2. List URL in Spreadsheet for approval. Include metadata for branch, agency URL, title, and comments.


[illegible]

3. Following approval, nominate URL using nomination tool provided by Univ. of North Texas.

[illegible]

A	B	C	D	E
Combined End of Term Harvest Nominations				
Website URL	Title	Branch	Agency	C
http://twitter.com/USDAFoodSafety/	@USDAFoodSafety/Food	Executive	Food Safety &	
http://twitter.com/USDAFoodSafe_es/	@USDAFoodSafe_es/Fo	Executive	Food Safety &	
http://www.youtube.com/user/USDAFoodSafety/	You tube channel for Food	Executive	Food Safety &	
http://www.flickr.com/photos/usdagov/collections/72	USDA Food Safety and	Executive	Food Safety &	
http://blogs.usda.gov/category/food-safety/	USDA Blog Category	Executive	Food Safety &	
http://twitter.com/USDAForeignAg/	@USDAForeignAg	Executive	Foreign Agricultural	
http://blogs.usda.gov/category/forestry/	USDA Blog /category:	Executive	Forest Service /Dept of	
http://www.flickr.com/photos/usdagov/collections/72	Forest Service	Executive	Forest Service /Dept of	
http://twitter.com/forests-service/	@forests-service	Executive	Forest Service /Dept of	
http://www.facebook.com/FossilEnergy	Fossil Energy	Executive	Office of Fossil	
http://twitter.com/fossilenergygov/	DOE Fossil Energy @	Executive	Forest Service /Dept of	
http://twitter.com/fulbrightboard/	The Fulbright	Executive	Fulbright Board/Dept of	
http://twitter.com/FHFA_FRW/	FHFA housing finance	Executive	Federal Housing	
http://www.facebook.com/pages/Federal-Judicial-	Federal Judicial Center	Judicial	Federal Judicial Center	
http://twitter.com/USDA_ERS/	ERS Twitter Feed	Executive	Economic Research	
http://twitter.com/EACgov/	EAC Twitter Feed	Executive	Election Assistance	
http://www.youtube.com/user/helpamericavote/	EAC YouTube Channel	Executive	Election Assistance	
http://twitter.com/USFWSEndsp/	Endangered Species	Executive	Department of the	
http://www.facebook.com/USFWSEndangeredSpec	Endangered Species	Executive	Department of the	
http://www.facebook.com/USFWSEndangeredSpec	Endangered Species	Executive	Department of the	
http://www.flickr.com/photos/usfwhq/collections/72	Endangered Species	Executive	Department of the	
http://twitter.com/RepCardoza/	Rep. Cardoza's Twitter	Legislative	House of	
http://twitter.com/DennyRehberg/	Rep. Rehberg's Twitter	Legislative	House of	
http://www.facebook.com/denny.rehberg.mt	Rep. Rehberg's Facebook	Legislative	House of	
http://www.facebook.com/denny.rehberg.mt/photos	Rep. Rehberg's Facebook	Legislative	House of	
http://www.youtube.com/dennyrehberg/	Rep. Rehberg's Youtube	Legislative	House of	
http://www.facebook.com/EdTowns	Rep. Ed Towns' Facebook	Legislative	House of	
http://www.facebook.com/EdTowns/photos_albums	Rep. Ed Towns' Facebook	Legislative	House of	
http://twitter.com/edtowns/	Rep. Ed Towns' Twitter	Legislative	House of	
http://www.youtube.com/user/CongressmanEdTown	Rep. Ed Towns' YouTube	Legislative	House of	
http://twitter.com/FannieMae/	FannieMae Twitter Feed	Executive	Federal National	
http://www.facebook.com/FannieMaeCareers	FannieMae Facebook	Executive	Federal National	
http://www.youtube.com/helpthefhomelessdc/	FannieMae's Help The	Executive	Federal National	
http://www.facebook.com/USDOTFRA	Federal Railroad	Executive	Federal Railroad	
http://www.facebook.com/danielakaka	Senator Daniel Akaka	Legislative	The Senate	
http://twitter.com/SenatorAkaka/	Daniel K. Akaka Twitter	Legislative	The Senate	
http://www.youtube.com/user/SenatorAkaka/	Senator Daniel K. Akaka's	Legislative	The Senate	
http://www.youtube.com/user/usrepeltongallegly/	Rep. Elton Gallegly's	Legislative	House of	
http://www.facebook.com/egallegly	Elton Gallegly Facebook	Legislative	House of	

Syntax and Verification

- `http://twitter.com/librarycongress/`
 - **Will capture only the Library of Congress Twitter site**
- `http://twitter.com/librarycongress`
 - **Will capture all of Twitter**

Did we capture everything?



Force majeure



Analysis of Collected Data

```
#This list of URLs was created for the End of Term Presidential Harvest 2012 project.  
#URLs and number of nominations (could be either positive or negative nominations)  
#List generated on 2013-11-15 21:47:21Z
```

```
3;"http://www.facebook.com/Amtrak"  
3;"http://twitter.com/amtrak"  
3;"http://www.facebook.com/RepCharlesAGonzalez"  
3;"http://twitter.com/US_ARC"  
3;"http://twitter.com/usaid"  
3;"http://www.facebook.com/usdos"  
3;"http://twitter.com/usnatarchives"  
3;"http://www.flickr.com/photos/statephotos"  
3;"http://www.flickr.com/photos/usdagov"  
3;"http://twitter.com/usda"  
3;"http://www.youtube.com/user/statevideo"  
3;"http://twitter.com/TheJusticeDept"  
3;"http://www.youtube.com/CORPSCONNECTION"  
3;"http://www.flickr.com/photos/usacehq"  
3;"http://twitter.com/USACE_HQ"  
3;"http://www.facebook.com/uscis"  
3;"http://twitter.com/uscis"  
3;"http://twitter.com/USCG"  
3;"http://twitter.com/customsborder"  
2;"http://cdm16021.contentdm.oclc.org/cdm"  
2;"http://www.facebook.com/USDA"  
2;"http://www.facebook.com/USAirForceRecruiting"  
2;"http://twitter.com/samhsagov"
```

RQ1: Who uses social media in the U.S. government?

Table 1: Social Media Use by Government Branch

Branch	URLs
Executive	1,144
Legislative	207
Judicial	4
Unclassified	9
Total social media pages	1,364

Table 2: Social Media Use by Government Agency

Top 10

Agency	URLs
House of Representatives	128
State Department	110
Dept. of Health and Human Services	91
Dept. of Defense	88
National Archives and Records Administration (NARA)	85
National Aeronautics and Space Administration (NASA)	52
Homeland Security	36
Senate	21
Veterans Affairs Dept.	18
Army Dept.	17

RQ2: What social media platforms does the U.S. government use?

Platform	Number of URLs
Facebook	430
Twitter	416
YouTube	243
Flickr	135
Pinterest	15
Google +	9
Tumblr	8
LinkedIn	4
Vimeo	3
MySpace	1
Other commercial social media platforms	11
Social media features (e.g., blogging) embedded in official site)	86

RQ3: What observations can be made of the content the U.S. government makes available on social media platforms?

Minimal level of e-government

- ***Presence*** (brochureware) and ***Interaction***
- But no ***Transaction***
- What about ***Transformation***?

The reach of social media websites varies widely

**State Dept. ejournal on Facebook:
1,900 Likes and 120 comments**



**Federal Maritime Commission on
Twitter: 5 tweets, 37 followers**



Targeted audiences

State Dept. in Arabic



Homeland Security in Spanish



U.S. Health data: 12,637 followers



US HealthData Gov 
@HealthDataGov
A public community designed to bring together high-value federal datasets, tools, and applications using data about health and health care.
healthdata.gov

1,806 TWEETS 38 FOLLOWING 12,637 FOLLOWERS

Tweets All / No replies



US HealthData Gov @HealthDataGov 2h
Starting at 1PM ET today, a discussion w/the 2013 Sammys winners on [#innovation](#) & new ideas in government [ow.ly/r5sTe](#)
Expand    



US HealthData Gov @HealthDataGov 21 Nov
Now the picture! [ow.ly/i/3NdKZ](#)
  [View photo](#)    



US HealthData Gov @HealthDataGov 21 Nov
Great group of new & old entrepreneurs [@hhs.gov](#) to modernize & innovate government [#innovation](#) [@bryansivak](#)
Expand    



US HealthData Gov @HealthDataGov 28 Oct
RT [@hqcatalyst](#): MT: Available now! [@HHSgov](#) [#HealthData](#) Initiative Strategy & Execution Plan! Read & give feedback! [ow.ly/o6l27](#)

Central Texas Veterans Center: What's for Lunch?



CTVHCSMenu
@CTVHCSMenu
Central Texas Veterans Health Care System regular menu items served by Nutrition and Food Services. Following a Twitter user does not signify VA endorsement.
Texas

3,562 TWEETS 1 FOLLOWING 212 FOLLOWERS

Tweets



CTVHCSMenu @CTVHCSMenu 1h
Lunch: Oven Baked Fish, Tartar Sauce + Catsup, Hash Brown, Broccoli, Creamy Coleslaw, Whole Wheat Bread, Citrus Fruit Cup, Coffee/Tea
Expand    



CTVHCSMenu @CTVHCSMenu 16h
Breakfast for Fri, Nov 22nd: Orange Juice, Blueberry Bagel, Light Cream Cheese, Low Chol Omelet + Grated Chez, Cream of Wheat, Milk, Coffee
Expand    



CTVHCSMenu @CTVHCSMenu 20h
Dinner: Salisbury Steak, Oven-Browned Potatoes, Seasoned Spinach, Whole Wheat Bread, Sliced Peaches, Milk, Coffee/Tea
Expand    

U.S. Border Patrol on Pinterest

English (US)

Pinterest is an online pinboard. Organize and share the things you love.
Join Pinterest
Log in

United State Border Patrol

Evelyn Smietana
Follow Board
55 Pins
621 Followers

BUCKEYE, Ariz. -- The Department of Public Safety is investigating an early morning wreck involving an SUV that was loaded with bales of marijuana. It happened at about 4:30 a.m. near Lewis Prison on northbound State Route 85 in the area of milepost 140. That's about an hour southwest of Phoenix. According to DPS, Border Patrol officers and Maricopa County sheriff's deputies believed the SUV contained contraband and were in pursuit. A deputy tried to throw down stop sticks, but the driver, be...

1

Pinned from hampbeach.com

Click to LOOK INSIDE!

The Baker's Daughter
A NOVEL
SARAH MCCOY

The Baker's Daughter: A Novel
Elsie's story in 1944 and 1945 reverberates six decades later, in El Paso, Texas. A young journalist there, Reba Adams, is engaged to an agent with the U.S. Border Patrol, and--a bit like Elsie years earlier--she is not quite sure she can marry the fellow. While writing what she views as a Christmas fluff piece on holiday traditions for a local magazine, Reba goes to a German bakery in the area and meets... Elsie. The novel travels

Click to LOOK INSIDE!

The Death of Josseline
Immigration Stories from the Arizona-Mexico Borderlands
Margaret Regan

2010-2011 UU Book for All to Read: The Death of Josseline: Immigrant Stories from the Arizona Borderlands (Beacon Press, 2010), by veteran news reporter Margaret Regan, presents an interconnected mosaic of those intimately involved: immigrants, activists, human rights workers, and border patrol people. The book evokes a human and religious response, rather than a political debate, as it draws the reader into the physical, economic, and above all, personal terrain of

from Netflix
The Denver Kid

The Denver Kid 1948 Border patrol officer Rocky Lane (Allan Lane) faces gunplay and adventure aplenty in this installment of the

"Just outside Tijuana there's a section of the USA-Mexico border wall that follows very irregular terrain and where, attracted by its curves and steep drops, I've taken many pictures. It was there that I decided to photograph the Border Patrol making its nighttime rounds along the winding road in the dark."

Pinned from blogs.reuters.com

EOT: lessons and further possibilities

- All branches of government are using social media
- All social media platforms are used
- E-government levels:
 - Presentation, communication as a form of interaction, no transaction, transformation as a question of interpretation
- Dataset can be used to answer further research questions:
 - Study of levels of e-government
 - Study of agencies
 - Uses of social media as public alert system
 - Uses of social media as public relations (propaganda)

U

A data extract project



In partnership with ScraperWiki
Programmer: **Julian Todd**



Goal of the project

- Uncover the raw numbers about the funding of the UN Peacekeeping Missions
- RQ1: How many people and how many dollars does each UN member contribute to PKO

UK PKO: **Factsheet**

(minimal numbers, no data)

- Peacekeeping operations since 1948: 68
- Current peacekeeping operations: 15
- Total number of personnel serving UNPKO operations: 118,580
- Total fatalities: 3,164
- Approved current budget: about \$7.54 billion
- Outstanding contributions to peacekeeping: about \$3.26 billion

Approved budget

(07/2013 - 06/2014): \$60,475,700

Approved resources for peacekeeping operations for the period from 1 July 2013 to 30 June 2014

(United States dollars)

Category	MINURSO	MINUSMA ^a	MINUSTAH	MONUSCO	UNAMID	UNDOF	UNFICYP	UNIFIL	UNISFA
1. Military and police personnel costs	6 715 000	133 860 400	262 728 800	567 325 300	599 793 500	23 376 100	23 632 200	268 182 900	119 236 000
2. Civilian personnel costs	24 096 200	45 223 900	135 037 300	307 058 100	283 738 900	13 563 700	14 847 600	96 370 300	23 499 500
3. Operational requirements									
Government-provided personnel	78 800	—	2 676 300	6 339 500	306 500	—	—	—	—
Civilian electoral observers	—	—	—	—	—	—	—	—	—
Consultants	15 000	58 700	1 847 000	162 600	189 700	20 500	52 700	63 600	33 000
Official travel	715 100	1 070 500	3 407 400	9 596 100	5 028 500	396 300	339 200	913 400	1 269 800
Facilities and infrastructure	2 989 900	55 646 600	89 063 200	127 786 700	129 379 500	6 312 800	9 198 200	47 515 200	46 763 000
Ground transportation	1 561 100	27 783 500	10 657 700	27 623 200	14 987 800	1 690 400	2 766 400	8 219 600	4 070 800
Air transportation	14 934 700	51 213 900	14 236 600	298 740 000	196 410 800	—	2 350 800	6 056 800	56 390 900
Naval transportation	—	—	597 100	2 383 000	—	—	—	37 495 500	—
Communications	1 534 300	17 801 400	22 595 600	39 448 000	35 842 600	908 000	523 700	13 169 700	7 774 800
Information technology	1 009 500	5 861 100	7 240 100	12 262 500	13 697 400	732 300	713 100	3 536 200	2 548 200
Medical	201 000	2 556 700	6 891 100	18 508 100	16 134 700	411 000	332 200	3 853 800	2 980 900
Special equipment	—	1 826 500	3 103 500	5 661 600	4 850 800	5 400	25 200	3 351 900	1 893 100
Other supplies, services and equipment	4 553 400	23 271 300	11 537 300	28 463 300	32 887 300	602 500	594 700	3 393 100	23 930 000
Quick-impact projects	—	600 000	5 000 000	2 000 000	2 000 000	—	—	500 000	250 000
4. Enterprise resource planning project	—	—	—	—	—	—	—	—	—
Gross requirements	58 404 000	366 774 500	576 619 000	1 453 358 000	1 335 248 000	48 019 000	55 376 000	492 622 000	290 640 000
5. Staff assessment income	2 422 000	3 661 500	13 282 000	25 771 900	23 392 700	1 276 600	2 234 800	11 157 000	1 988 500
Net requirements	55 982 000	363 113 000	563 337 000	1 427 586 100	1 311 855 300	46 742 400	53 141 200	481 465 000	288 651 500
6. Voluntary contributions in kind (budgeted)	2 071 700	—	—	3 020 300	—	—	1 228 300	—	—
Total requirements	60 475 700	366 774 500	576 619 000	1 456 378 300	1 335 248 000	48 019 000	56 604 300	492 622 000	290 640 000

Data scraping

Data scraping is a technique in which a computer program extracts data from human-readable output coming from another program.

Scrapping Process

Step I: Scrapping



Step II: Analysis



Step III: Presentation



Step IV: Publishing &
Promoting

<i>UN Mission's Summary</i> <i>detailed by Country</i> <i>Month of Report :</i> 31-Jan-12					
<i>Country</i>	<i>UN Mission</i>	<i>Description</i>	<i>M</i>	<i>F</i>	<i>Totals</i>
Argentina	MINURSO	Experts on Mission	3	0	3
					MINURSO 3
	MINUSTAH	Individual Police	19	1	20
		Contingent Troop	688	33	721
					MINUSTAH 741
	UNFICYP	Contingent Troop	251	14	265
					UNFICYP 265
	UNMIL	Individual Police	13	0	13
					UNMIL 13
	UNMISS	Individual Police	1	0	1
					UNMISS 1
	UNOCI	Individual Police	2	1	3
					UNOCI 3
	UNTSO	Experts on Mission	3	0	3
					UNTSO 3
					Argentina 1,029
Australia	UNAMA	Experts on Mission	2	0	2

Figure 1: UN Missions summary, detailed by country

Source: ScraperWiki Data Blog

Subject: UN peacekeeping statistics for 2012-01

Dear friend,

There are 788 new records in the database for

https://scraperwiki.com/scrapers/un_peacekeeping_statistics/

after month 2011-12 to month 2012-01

Figure 2: Sample e-mail alert for new document
Source: ScraperWiki Data Blog

```
month text,  
country text,  
mission text,  
people integer
```

Figure 3:
Source: ScraperWiki Data Blog

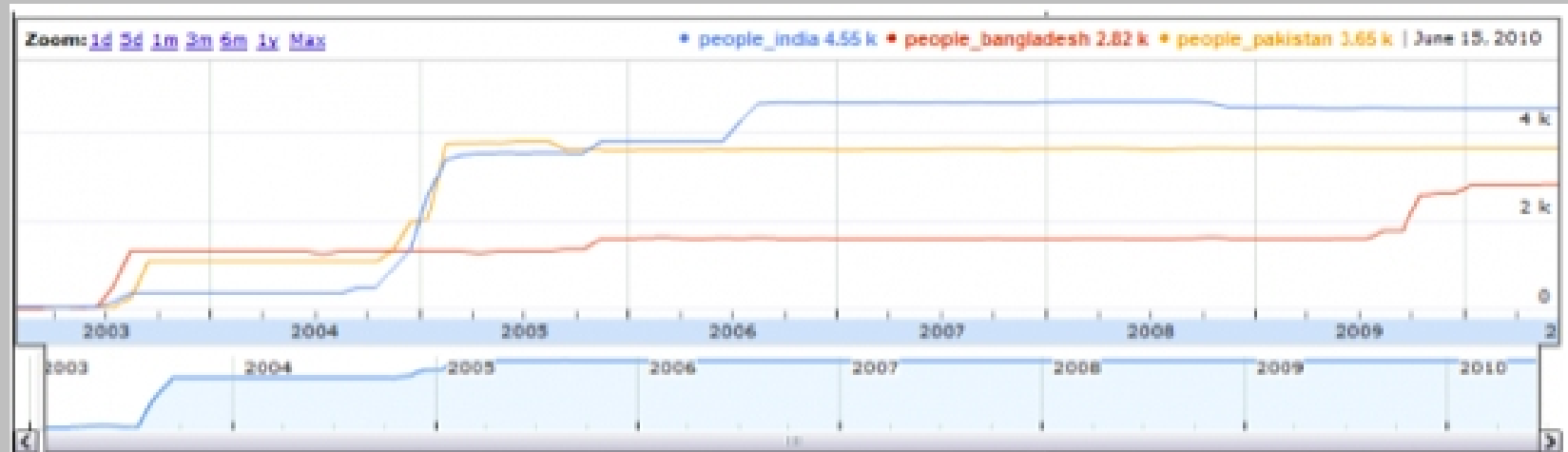


Figure 4:
Source: ScraperWiki Data Blog

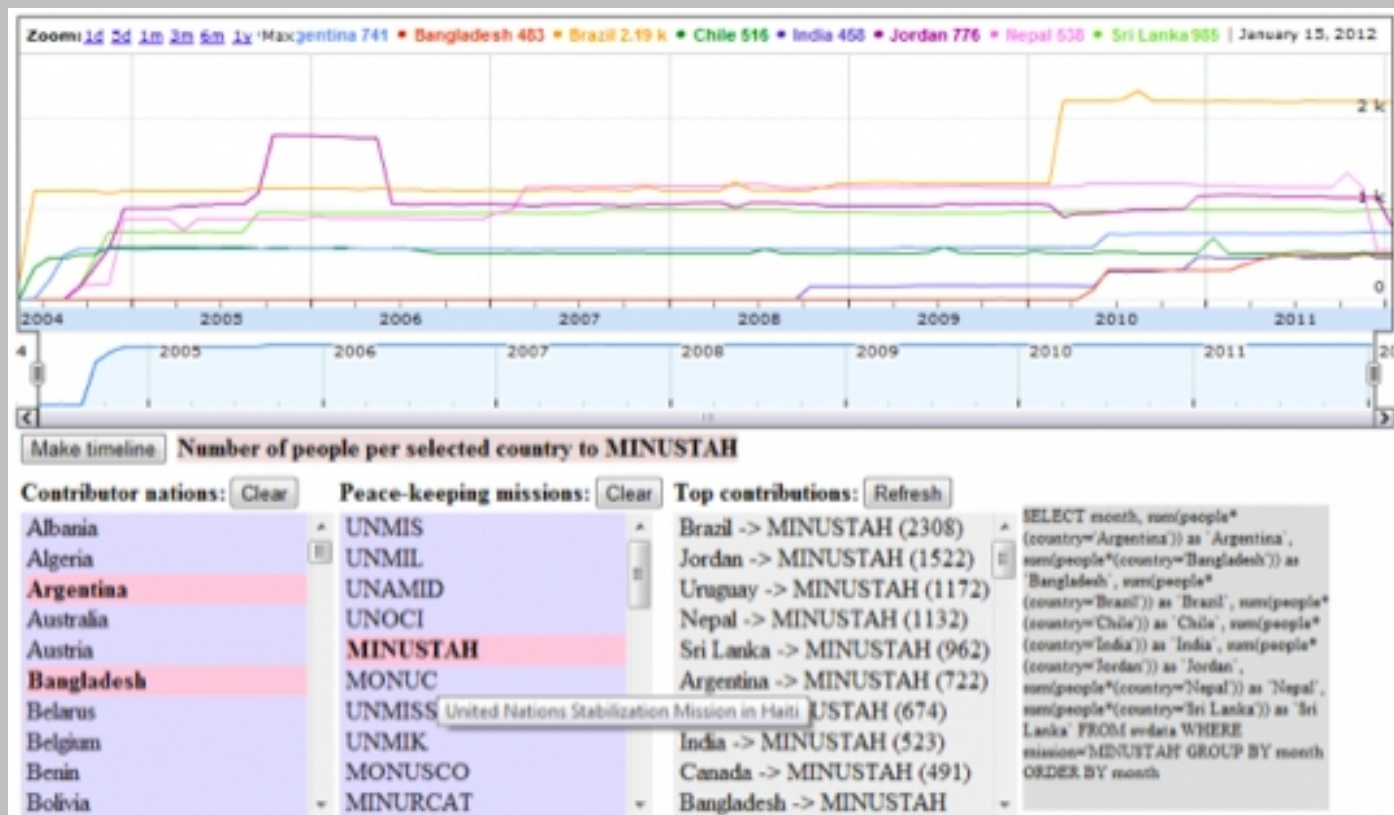


Figure 5:
Source: [ScraperWiki Data Blog](#)

General graph of things

Useful for quickly generating graphs from sql queries. *To do: timeline graph, layout (eg float right), multiple fields in output, create direct csv/html download links from api*

Scraper name:

API key:

Attach:

SQL:

```
SELECT month || '-15',
sum(people*(country='India')) as people_india,
sum(people*(country='Bangladesh')) as
people_bangladesh,
sum(people*(country='Pakistan')) as people_pakistan
FROM swdata
WHERE mission='MONUC'
GROUP BY month
ORDER BY month
```

[download apidocs](#)

Figure 6: Generating graphs from SQL queries

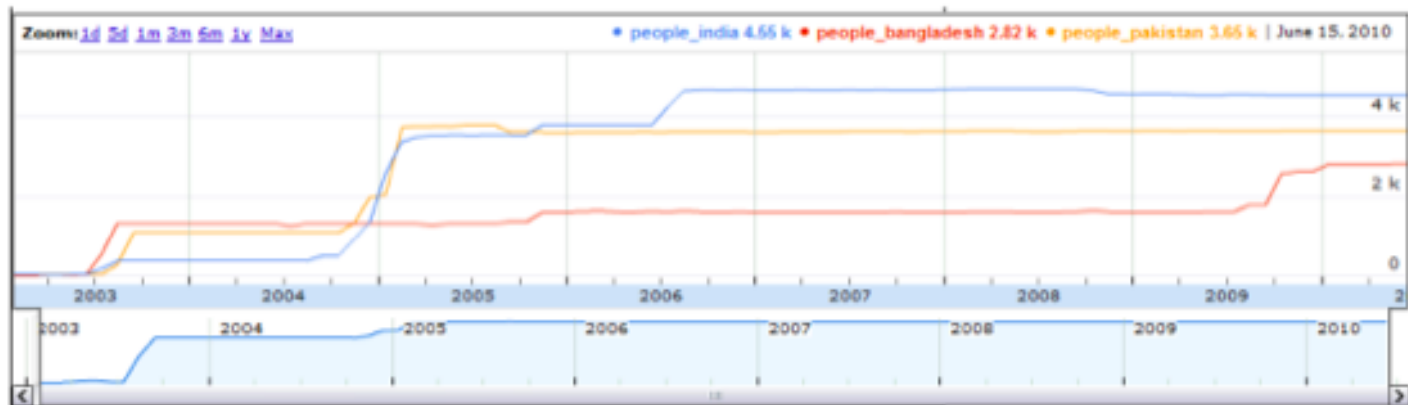


Figure 7: deployment of peacekeepers from India, Bangladesh and Pakistan to MONUC over time

UN peace-keeping stats

Sourced from [UN site](#) by application of [un_peacekeeping_statistics](#) scraper.

You can graph the peacekeeping contributions from different countries and to different missions, or graph the contribution from several c
For more information, [see the blog](#).

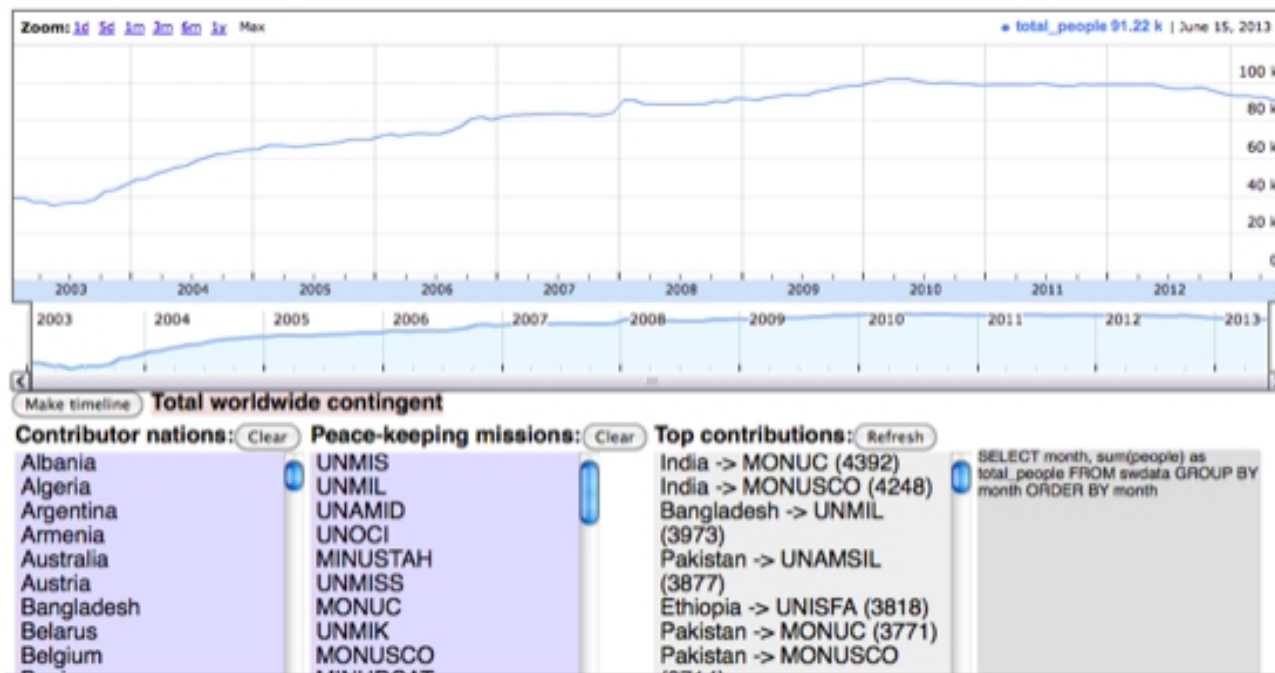
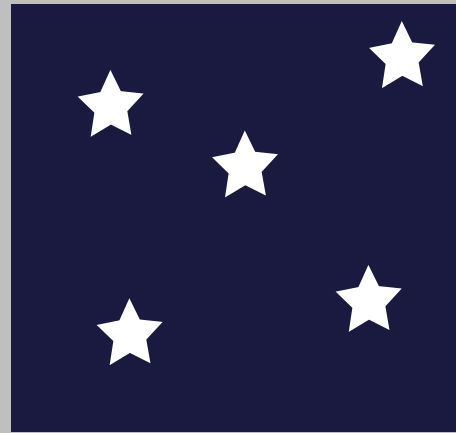


Figure 8: UNPKO statistics

Project outcome:

By creating an live interactive database we can now answer the question: How many \$\$ and how many people does each U.N. country give to each peacekeeping mission.



**Visual
First**

Amendment

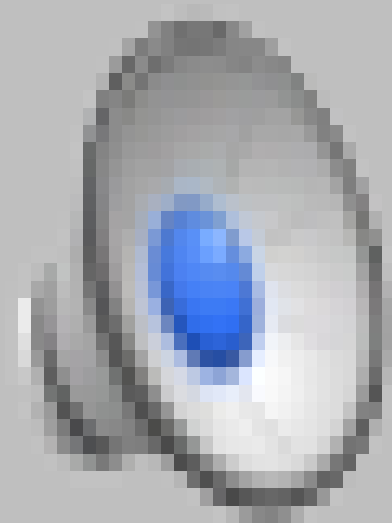
The First Amendment

- Congress shall make no law respecting an establishment of **religion**, or prohibiting the free exercise thereof; or abridging the freedom of **speech**, or of the **press**; or the right of the people peaceably to **assemble**, and to **petition** the Government for a redress of grievances

The Visual First Amendment

- This project applies **empirical methods** and **visualization techniques** to the study of the First Amendment by creating interactive **data-driven** visualizations of **Supreme Court rulings** on cases involving First Amendment rights.
- Our project provides a new examination and **understanding** of the First Amendment by visualizing the key components of its **historic development** that take into account both quantitative and qualitative measures.
- The visual nature of this project allows users to **engage** with First Amendment data—searching for patterns, observing **trends** in legal **interpretation**, and developing a deeper understanding of Constitutional **freedoms**.

<http://visualfa.org/>



Traditional legal studies

FindLaw | SUPREME COURT

[View enhanced case on Westlaw](#)
[KeyCite this case on Westlaw](#)
[Cases citing this case: Supreme Court](#)
[Cases citing this case: Circuit Courts](#)

<http://laws.findlaw.com/us/360/109.html>

U.S. Supreme Court

BARENBLATT v. UNITED STATES, 360 U.S. 109 (1959)
360 U.S. 109
BARENBLATT v. UNITED STATES.
CERTIORARI TO THE UNITED STATES COURT OF APPEALS FOR THE DISTRICT OF COLUMBIA CIRCUIT. No. 35.
Argued November 18, 1958.
Decided June 8, 1959.

Summoned to testify before a Subcommittee of the House of Representatives Committee on Un-American Activities, which was investigating alleged Communist infiltration into the field of education, petitioner, formerly a graduate student and teaching fellow at the University of Michigan, refused to answer questions as to whether he was then or had ever been a member of the Communist Party. He disclaimed reliance upon the privilege against self-incrimination, but objected generally to the right of the Subcommittee to inquire into his "political" and "religious" beliefs or any "other personal or private affairs" or "associational activities" upon grounds set forth in a previously prepared memorandum, which was based on the First, Ninth, and Tenth Amendments, the prohibition against bills of attainder and the doctrine of separation of powers. For such refusal, he was convicted of a violation of 2 U.S.C. 192, which makes it a misdemeanor for any person summoned as a witness by either House of Congress or a committee thereof to refuse to answer any question pertinent to the question under inquiry. He was fined and sentenced to imprisonment for six months. Held: Petitioner's conviction is sustained. Pp. 111-134.

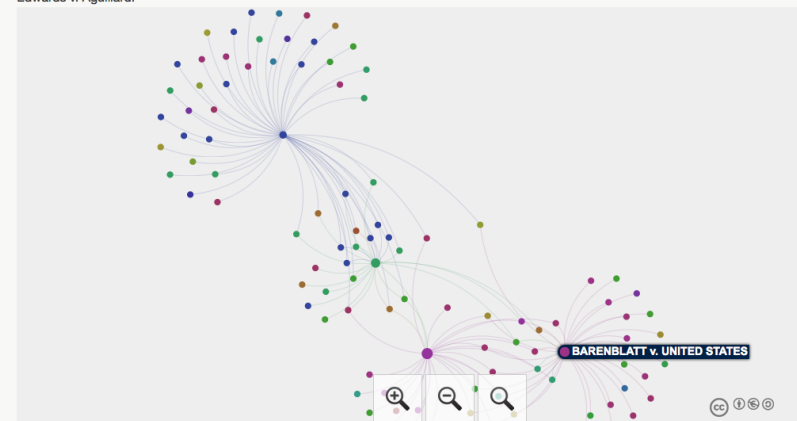
1. In the light of the Committee's history and the repeated extensions of its life, as well as the successive appropriations by the House of Representatives for the conduct of its activities, its legislative authority and that of the Subcommittee to conduct the inquiry under consideration here is unassailable; and House Rule XI, 2d Congress, which defines the Committee's authority, cannot be said to be constitutionally defective on the

Empirical legal studies

Academic Freedom InDegree Map

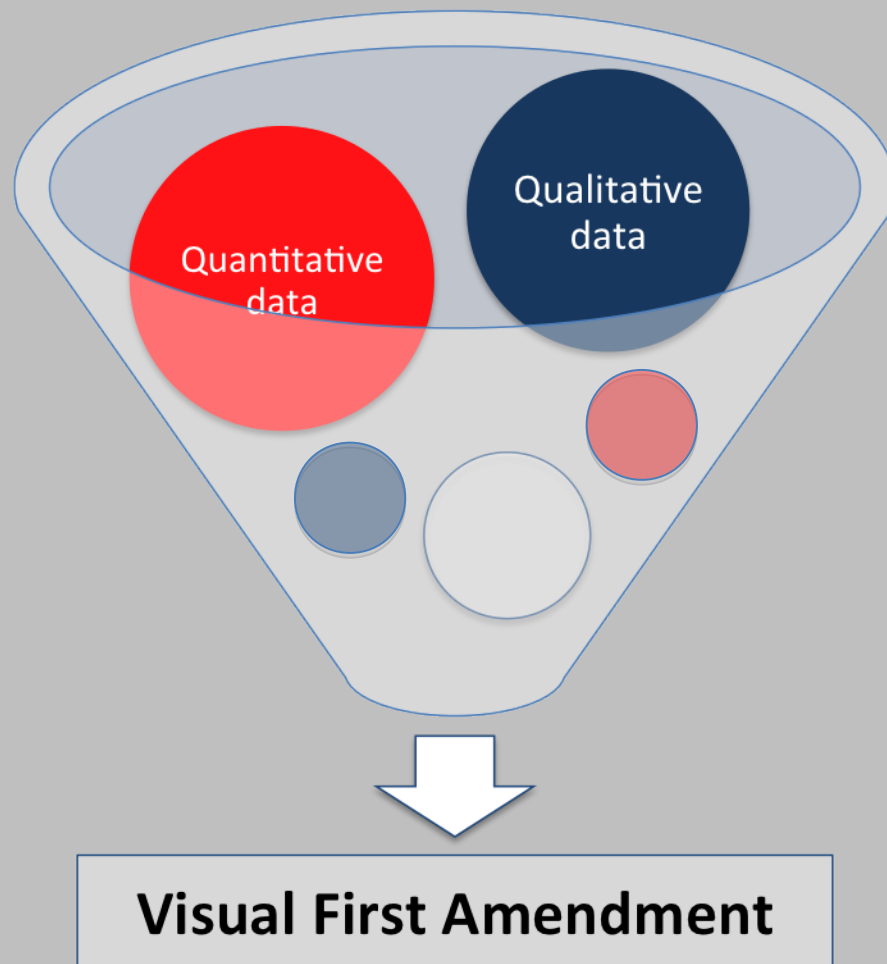
This is a visualization of US Supreme Court Cases and their citations, focusing on First Amendment cases. This graph shows cases focusing on Academic Freedom. The four major nodes are:

Barenblatt v. United States,
Keyishian v. Board of Regents,
Epperson v. Arkansas,
Edwards v. Aguillard.

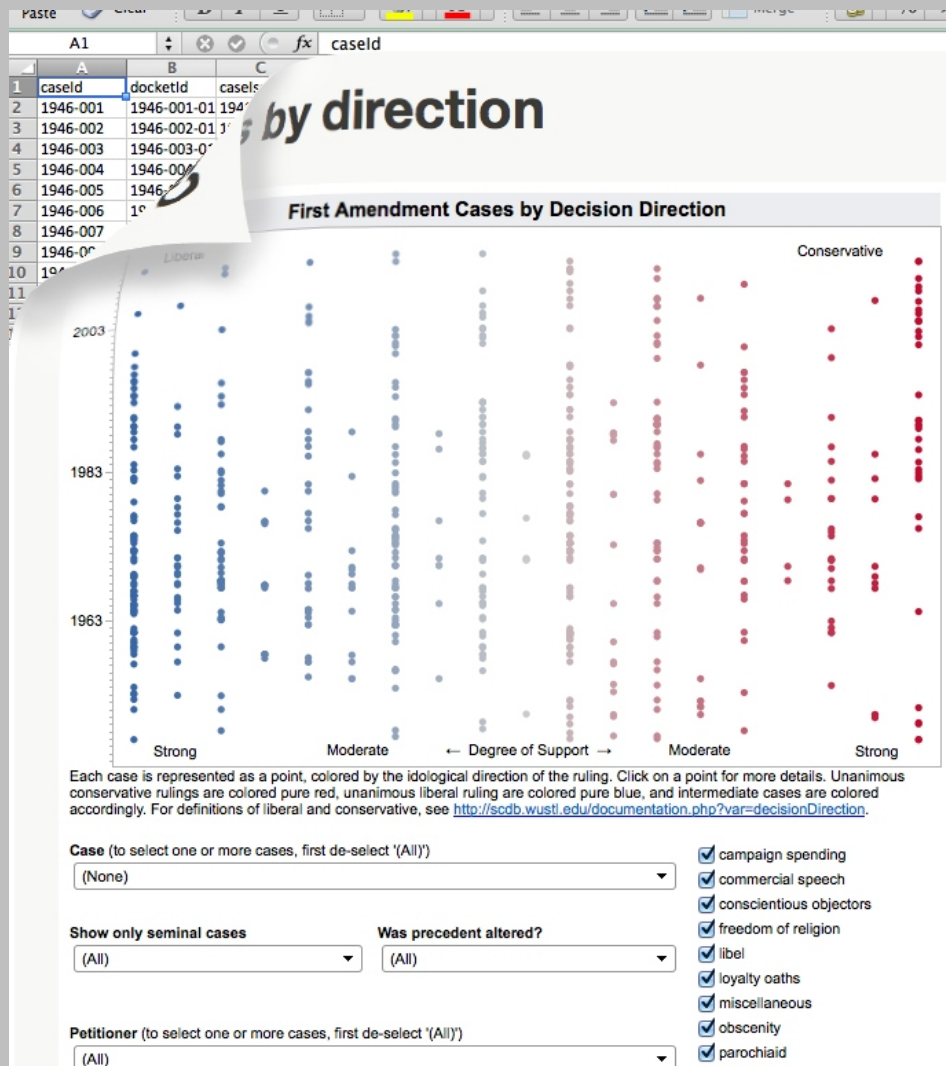


Qualitative data from First Amendment Center (total 120 cases)
<http://www.firstamendmentcenter.org/first-amendment-timeline>

Quantitative data from Supreme Court Database (total ~10k cases)
<http://scdb.wustl.edu/>



From this:



To this:

From this:

To this:

The screenshot displays the First Amendment Project website interface. At the top, the header reads "FIRST AMENDMENT Project" with navigation links for "SPEECH • PRESS • RELIGION • ASSEMBLY" and "ABOUT US". A banner indicates "126 Items" and "sorted by: label; then by... • grouped as sorted". A sidebar on the left contains filters for "Keywords" (1998, Civil rights, Clear and present danger, Commercial speech, Communism, Community standards) and "Legal Provision/Test" (126 (missing this field)). The main content area shows a grid of case names, including "44 Liquormart, Inc. v. Rhode Island", "Abington School District v. Schempp", "Abood v. Detroit Board of Education", "Abrams v. U.S.", "Arkansas Educational Television Commission v. Forbes", "Ashcroft v. ACLU II", "Ashcroft v. American Civil Liberties Union", and "Ashcroft v. Free Speech Coalition". On the right, there are three sections: "Majority Votes" (42 5, 21 6, 21 7, 21 8, 21 9), "Chief Justice / Appointed By" (30 Burger (R) / Nixon (R), 1 Fuller (D) / Cleveland (D), 1 Holmes (R) / T. Roosevelt (R), 7 Hughes (R) / Hoover (R), 40 Rehnquist (R) / Reagan (R)), and "Voting with Majority" (4 Alito (R), 32 Black (D), 37 Blackmun (R), 1 Bradley (R), 8 Brandeis (R), 48 Brennan (D), 18 Breyer (D)). At the bottom right, "Voting with Minority" is shown (28 [unanimous], 3 Alito (R), 8 Black (D), 9 Blackmun (R)).

The Case Browser

Case Browser

Search

126 Items

sorted by: label; then by... • ☒ grouped as sorted

Right Asserted

11 Freedom of assembly

33 Freedom of religion

85 Freedom of speech

15 Freedom of the press

Keywords

4 Campaign financing

6 Censorship

1 Central Hudson Test

1 Child Online Protection Act, 1998

3 Civil rights

Legal Provision/Test

126 (missing this field)

44 *Liquormart, Inc. v. Rhode Island*

Abington School District v. Schempp

Aboud v. Detroit Board of Education

Abrams v. U.S.

Arkansas Educational Television Commission v. Forbes

Ashcroft v. ACLU II

Ashcroft v. American Civil Liberties Union

Ashcroft v. Free Speech Coalition

Baggett v. Bullitt

Baranblatt v.

Majority Votes

42 5

21 6

21 7

21 8

21 9

Chief Justice / Appointed By

3 Taft (R) / Harding (R)

6 Vinson (D) / Truman (D)

1 Waite (R) / Grant (R)

25 Warren (R) / Eisenhower (R)

2 White (D) / Taft (R)

Voting with Majority

3 Taft (R)

25 Thomas (R)

9 Van Devanter (R)

5 Vinson (D)

22 Warren (R)

54 White (D)

6 Whittaker (R)

Voting with Minority

1 Sutherland (R)

9 Thomas (R)

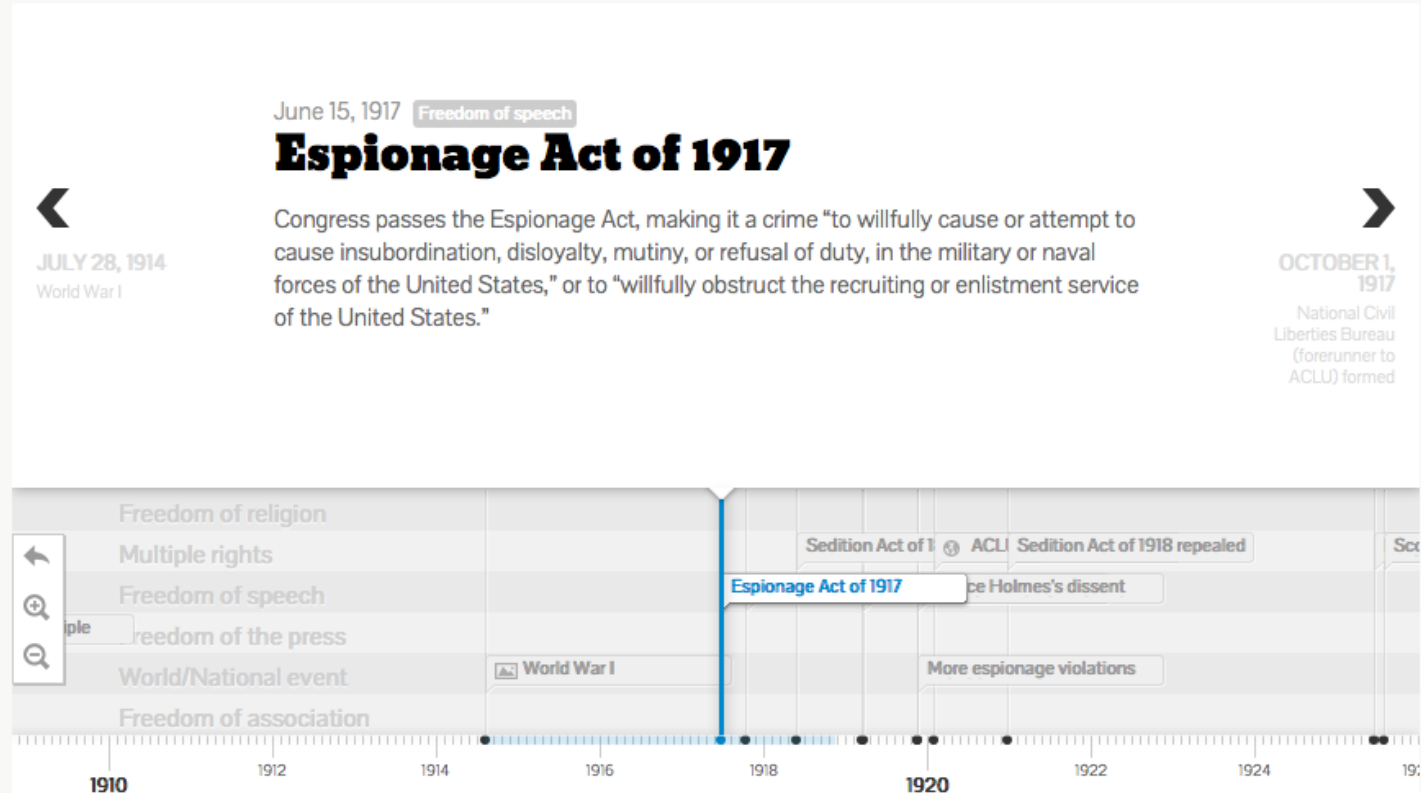
1 Van Devanter (R)

1 Vinson (D)

2 Warren (R)

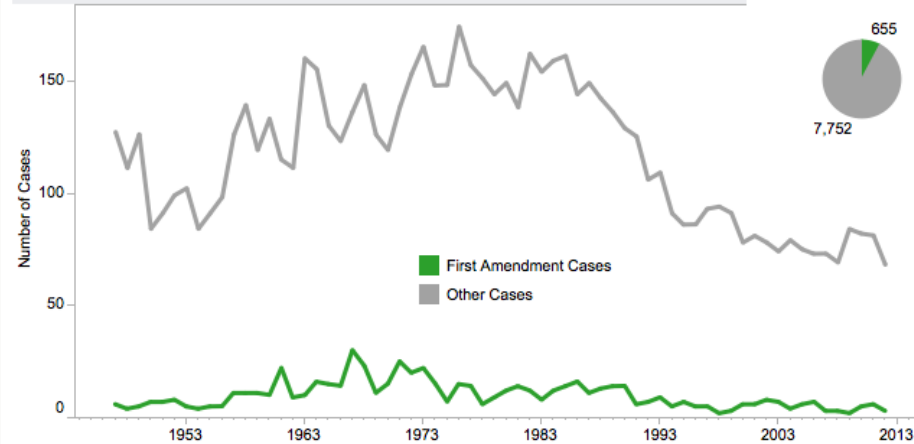
13 White (D)

Timeline

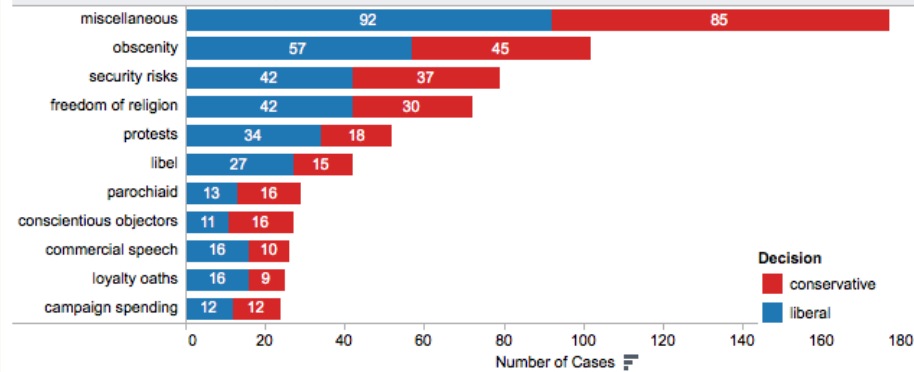


Statistics

Supreme Court Decisions Since 1947



First Amendment Cases by Issue



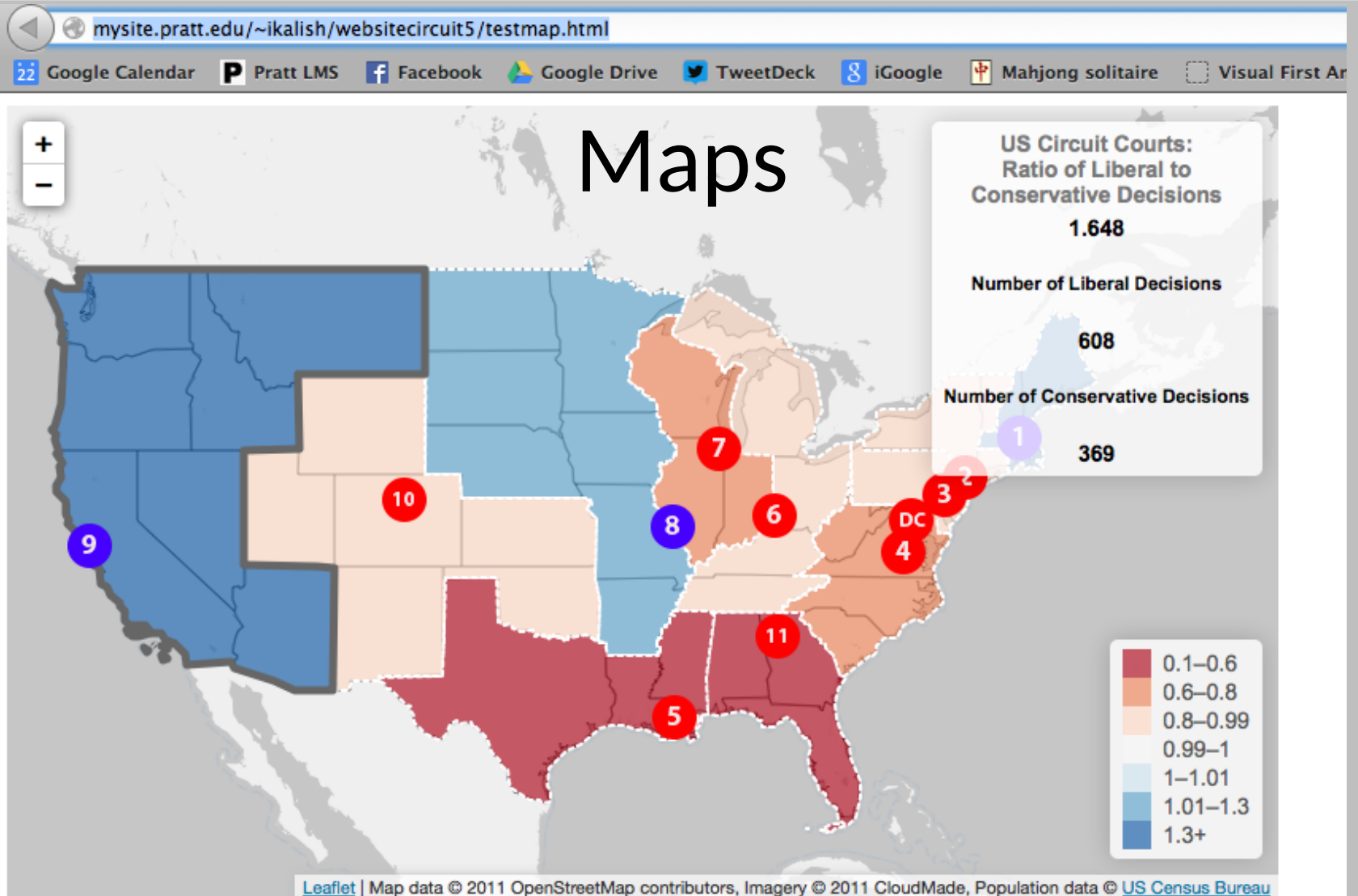
For definitions of liberal and conservative, see <http://scdb.wustl.edu/documentation.php?var=decisionDirection>

The chart displays the ideological distribution of Supreme Court Justices from 1935 to 2015. The x-axis represents the 'Year of dateDecision' from 1935 to 2015. The y-axis lists the names of the Justices. Each bar is composed of segments representing different ideological positions: red for conservative, blue for liberal, and grey for moderate. The chart shows a clear trend of liberalization over time, with the liberal bloc (blue) expanding significantly from the 1940s onwards, while the conservative bloc (red) has also grown but remains a smaller portion of the total. The moderate bloc (grey) is generally smaller and often acts as a swing vote.

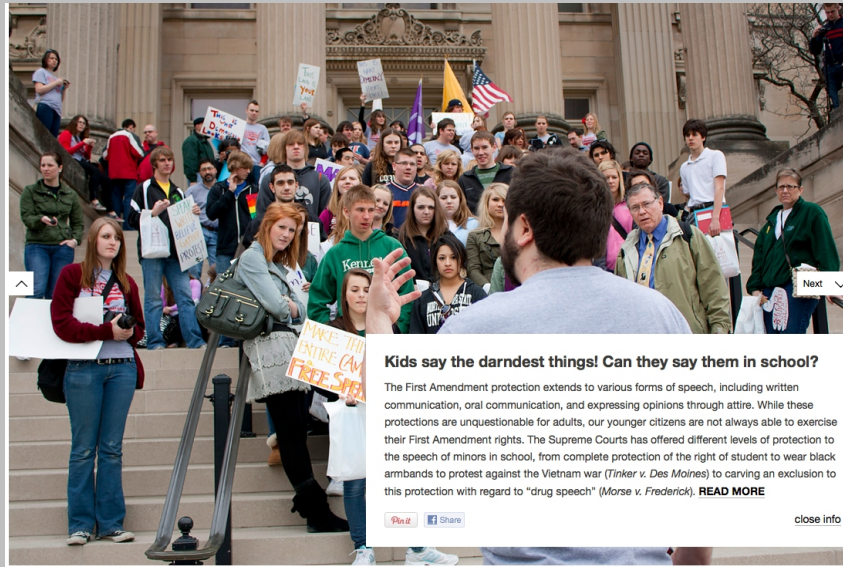
Justice	Conservative (Red)	Liberal (Blue)	Moderate (Grey)
Felix Frankfurter	High	Low	Low
Fred M. Vinson	High	Low	Low
Francis W. Murphy	High	Low	Low
Harold H. Burton	High	Low	Low
Hugo L. Black	Low	High	Low
Robert H. Jackson	High	Low	Low
Stanley F. Reed	High	Low	Low
Wiley B. Rutledge	High	Low	Low
William O. Douglas	Low	High	Low
Sherman Minton	High	Low	Low
Tom C. Clark	High	Low	Low
Earl Warren	Low	High	Low
John M. Harlan	High	Low	Low
William J. Brennan Jr.	Low	High	Low
Charles E. Whittaker	High	Low	Low
Potter Stewart	Low	High	Low
Byron R. White	High	Low	Low
Arthur J. Goldberg	High	Low	Low
Abe Fortas	Low	High	Low
Thurgood Marshall	Low	High	Low
Warren E. Burger	High	Low	Low
Harry A. Blackmun	Low	High	Low
Lewis F. Powell Jr.	High	Low	Low
William H. Rehnquist	High	Low	Low
John P. Stevens	Low	High	Low
Sandra Day O'Connor	High	Low	Low
Antonin Scalia	High	Low	Low
Anthony M. Kennedy	High	Low	Low
David H. Souter	Low	High	Low
Clarence Thomas	High	Low	Low
Ruth Bader Ginsburg	Low	High	Low
Stephen G. Breyer	Low	High	Low
John G. Roberts Jr.	High	Low	Low
Samuel A. Alito	High	Low	Low
Sonia Sotomayor	Low	High	Low
Elena Kagan	Low	High	Low

1935 1940 1945 1950 1955 1960 1965 1970 1975 1980 1985 1990 1995 2000 2005 2010 2015

Year of dateDecision



Stories



Network Citation Map of School Free Speech Cases

Explore this network map based on the citations these famous school free speech cases used in their decisions and the cases that cited them down the line. Red colored cases were decided in a conservative direction and blue colored ones in a liberal direction. Size of the case corresponds to the number of citations that case has received.



Project outcome

- An interactive website that allows users to learn about the First Amendment and answers question such as:
 - Rights protected (or denied)
 - Direction of the decision (liberal/conservation)
 - Citation networks
 - Characteristics of justices
 - Historic context
 - And much more

Recap: 3 projects that *ascertain the validity and reliability of information and data produced in the grey circuit*

EOT

- What: capture social media used by US gov and archive it for future researchers
- Deliverable: [End of Term web archive](http://eotarchive.cdlib.org/2012.html) [http://eotarchive.cdlib.org/2012.html]
- Demonstrating: How GL reveals level of e-government

UNPKO

- What: convert #s in scanned PDF to interactive database on UNPKO budget
- Deliverable: [UNPKO on ScraperWiki](http://tinyurl.com/unpko) [http://tinyurl.com/unpko]
- Demonstrating: How GL creates transparency where there was none before

VisualFA

- What: Visualization of SCOTUS FA cases
- Deliverable: [Visual First Amendment website](http://visualfa.org/) [http://visualfa.org/]
- Demonstrating: How GL expands our understanding of the law

Thank you

d'akujem спасибо *pakka pér*

ありがとう *dank u Merci σας*

ευχαριστώ 감사합니다 |

Thank you for being such a patient audience.

Questions?

drabina@pratt.edu