

HITTING PAY DIRT TEXT MINING GOVERNMENT SOURCES

Presented by Julia Frankosky
Michigan State University
FDLP Academy Webinar
April 26, 2016

Outcomes

- After this webinar you will be able to:
 - ▣ Understand what is text mining/text analysis
 - ▣ Explain the research value for text mining/analysis
 - ▣ Locate textual data from government sources
 - ▣ Use Voyant, a freely available textual analysis tool
 - ▣ Identify and use text mining/analysis tools such as AntConc, Concordle, and Overview

Text Mining/Text Analysis

- These terms are often used interchangeably and for the most part they have very similar connotations and overlap, but there are some slight differences.
- Text Analysis involves looking at the document as a whole and creating things like word clouds and other similar visualizations to show word frequency, for example
- Text mining is more like finding a needle in a haystack; you have a large amount of text and want to find when and how a particular word or set of words are used

Benefits of Text Mining/Analysis

- Gain a better understanding of large documents (who really has the time to sit down for a close reading of the Congressional Record from February 1911?)
- Discover trends across a text that you may have failed to piece together
- See changes over time
- Find areas where additional research is necessary to gain a better understanding



Finding textual data

Bulk Data Repository on FDsys

- Has XML files for
 - ▣ Congressional Bills (113th & 114th Congresses)
 - ▣ Bill Status (113th & 114th Congresses)
 - ▣ Bill Summaries (113th & 114th Congresses)
 - ▣ Commerce Business Daily (1996-2001)
 - ▣ Code of Federal Regulations (Annual Edition) (1996-2016)
 - ▣ Electronic Code of Federal Regulations
 - ▣ Federal Register (2000-2016)
 - ▣ United States Government Manual (2011-2015)
 - ▣ House Rules and Manual (114th Congress)
 - ▣ Privacy Act Issuance (2011, 2013, 2015)
 - ▣ Public Papers of the Presidents of the United States (2009-2011)
 - ▣ Supreme Court Decisions (1937)

FDsys and Govinfo.gov

- For tools that allow the use of PDFs, you can find a wealth of government documents from FDsys and Govinfo.gov

Data.gov

- Data.gov is useful for more than just numerical data
- Limit file types to HTML, PDF, TXT, or XML to locate textual data resources

Agency Websites

- Many federal agencies have PDFs or HTML text available that can be either downloaded and uploaded to the tool of your choice or directly linked to in the text analysis tool you're using

Depository Collections

- Electronic texts distributed through the FDLP as PDFs can be used for text analysis
- Remember: federal government publications are in the public domain (with a few exceptions). That means that we can digitize texts for the purpose of text mining/analysis

HathiTrust and Google Books

- Both HathiTrust and Google Books have been working to expand their digitized collection of federal publications.

Free tools you can use

This section will provide a demo of the tool Voyant and will briefly cover the features and functionality of the tools AntConc, Concordle, and Overview



Voyant-tools.org

Acceptable Text Formats

- Plain text
- HTML
 - ▣ Can add URLs to text you'd like to analyze
- XML
- PDF
- RTF
- Microsoft Word

- Easy to share what you discover in your texts
 - Create direct links
 - Get embed code
 - Export as a PNG or SVG image
 - With links and embed code, those viewing can interact with the visualizations

Limitations

- Using large texts or multiple texts can obscure some trends
 - ▣ Also can take a long time for Voyant to process and for any modifications you make to take effect
- If using PDFs, the analysis is only as good as the optical character recognition (OCR)



Using Voyant

VOYANT

see through your text

Add Texts ?

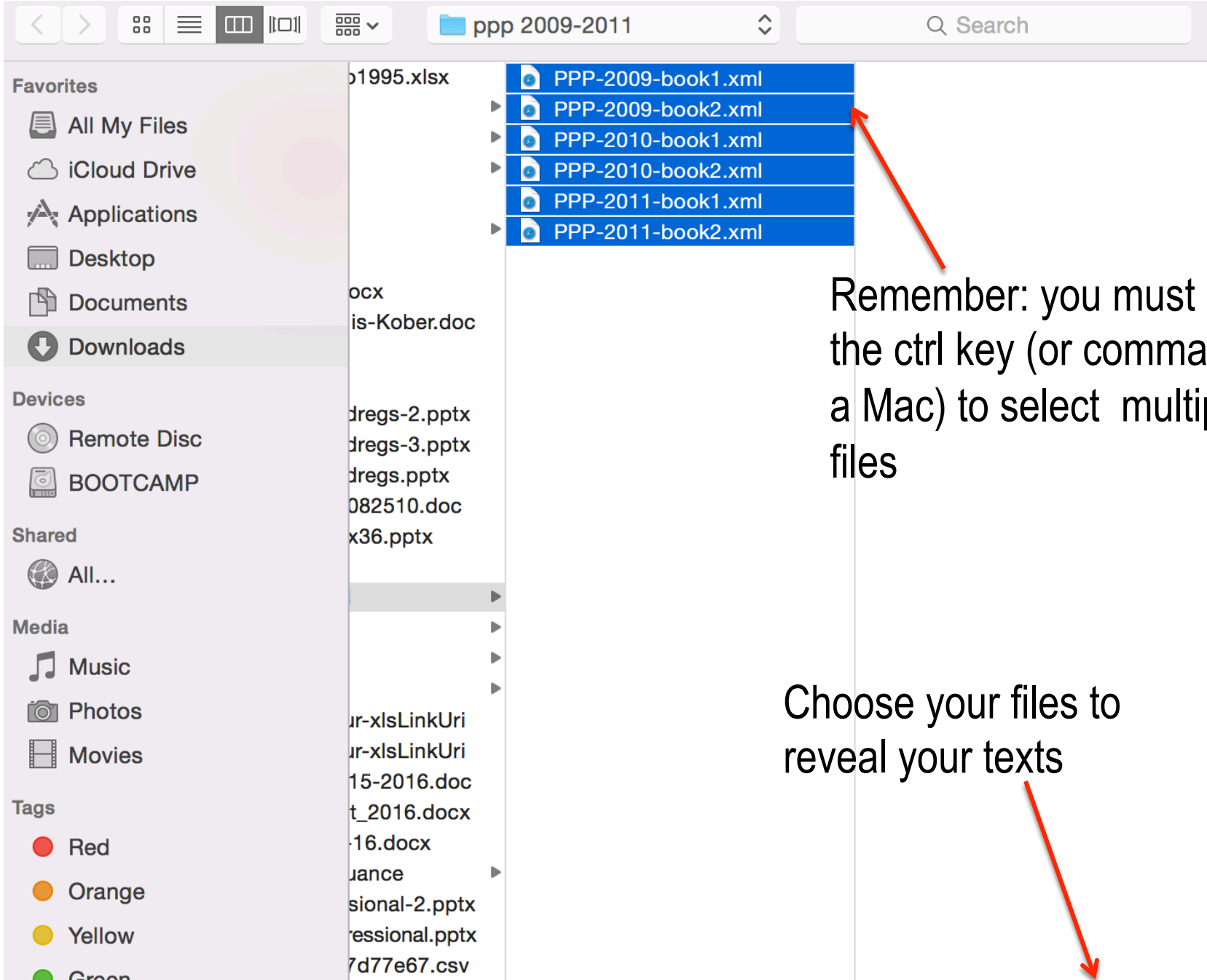
Type in one or more URLs on separate lines or paste in a full text.



Click Upload to browse your computer. Pick one file or multiples using ctrl to select. Can also zip your files together to make one corpus.

Voyant Tools is a web-based reading and analy.

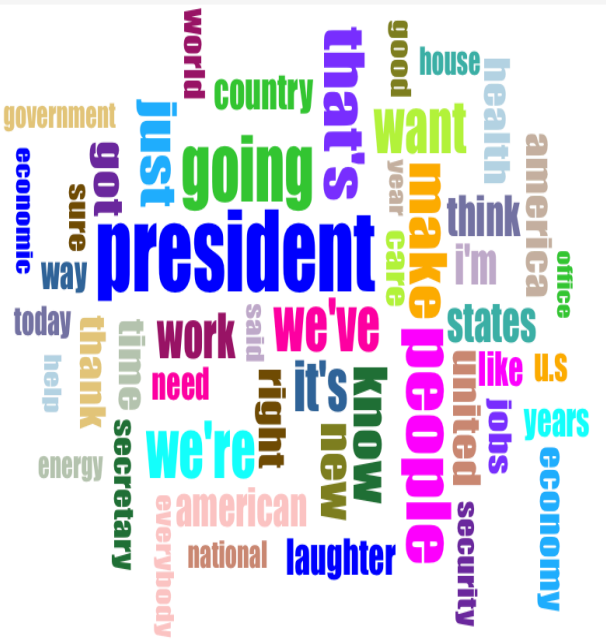
more information..



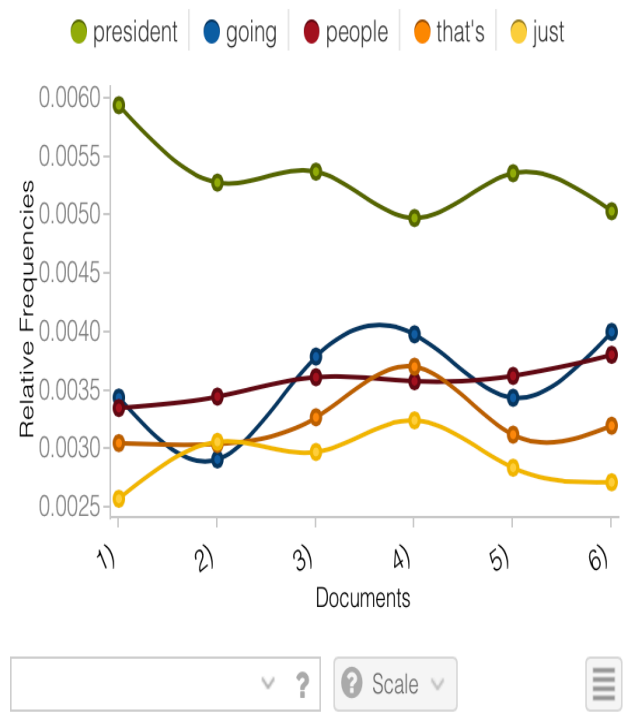
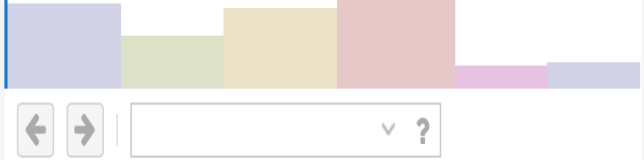
Remember: you must use the ctrl key (or command on a Mac) to select multiple files

Choose your files to reveal your texts

Cancel Choose



PUBLIC PAPERS OF THE PRESIDENTS OF THE UNITED STATES
 Barack Obama 2009 (IN TWO BOOKS) BOOK I--JANUARY 20 TO
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 fighting a far-reaching network of violence and hatred. At home, a
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 Great Depression. Amid job losses, foreclosures, and soaring



Summary

Documents Phrases

Contexts

Bubblelines

This corpus has 6 documents with 4,005,319 total words and 38,882 unique word forms. Created about 8 minutes ago.

Document Length:

- Longest: (740383); (725936); (714121); (650466); (591540)
- Shortest: (582873); (591540); (650466); (714121); (725936)

Vocabulary Density:

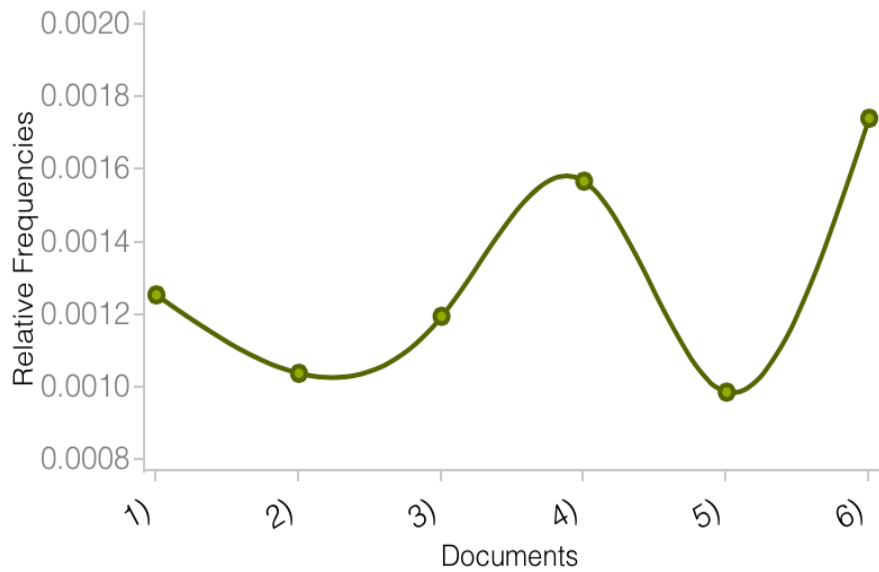
- Highest: (0 030); (0 028); (0 028); (0 027); (0 026)

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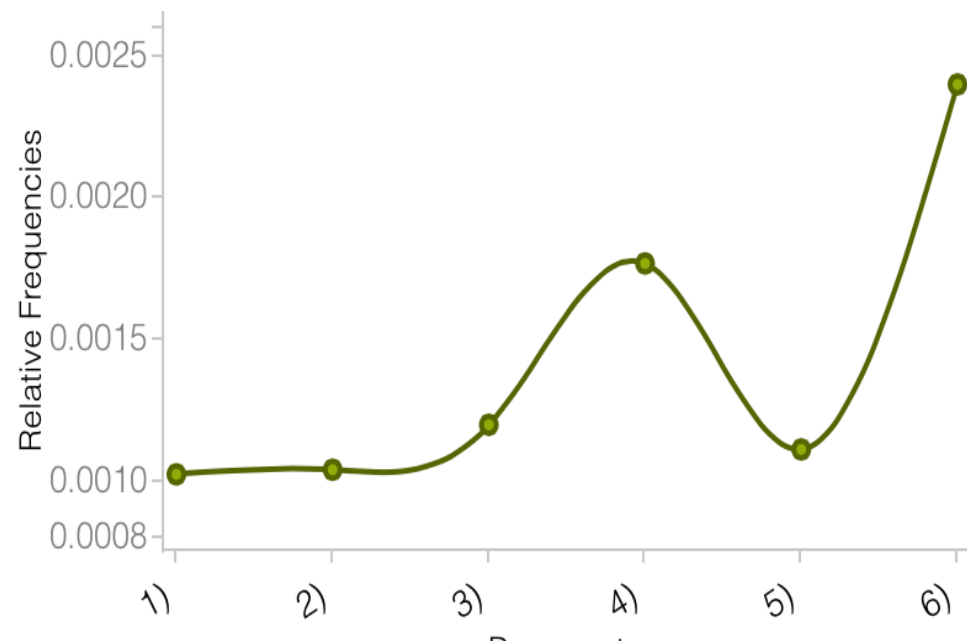
	Left	Right
⊕ 1)	papers and speeches of the	pr of the United States that
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⊕ 1)	States of America. Note: The	pr spoke at approximately 12 p.m
⊕ 1)	as long as I am	pr . And there will be a

21,309 context [slider] expand [slider] Scale

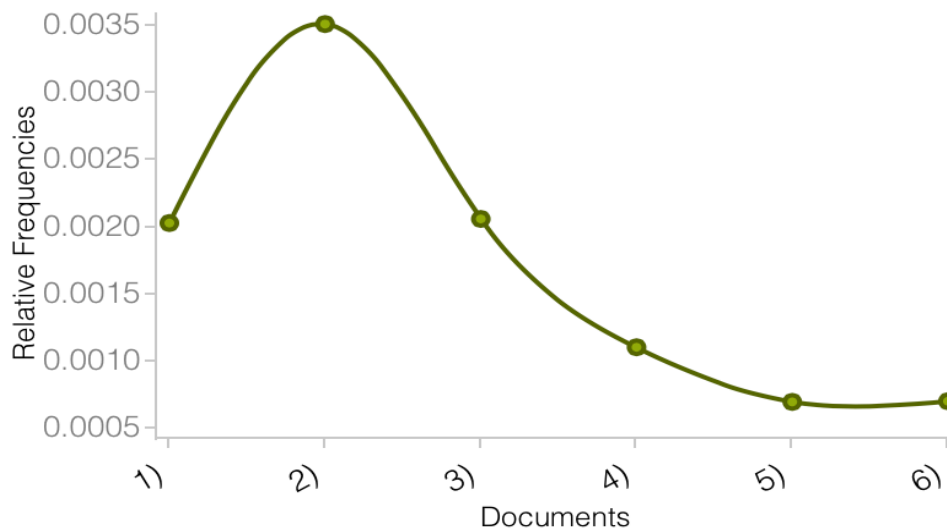
economy



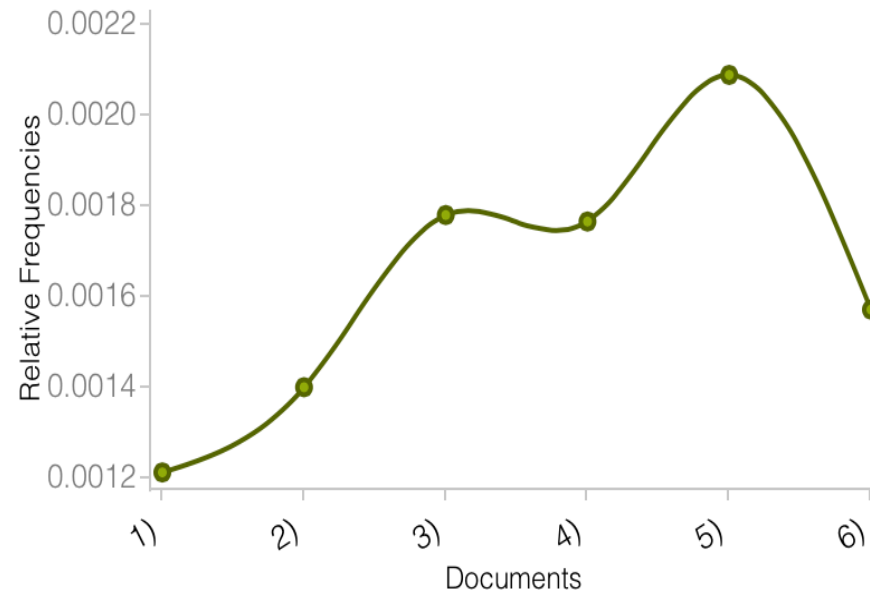
jobs



health

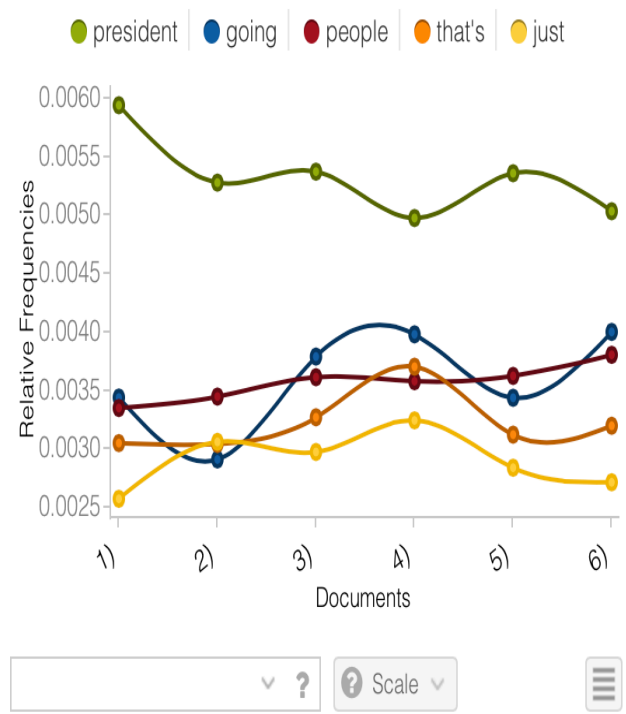
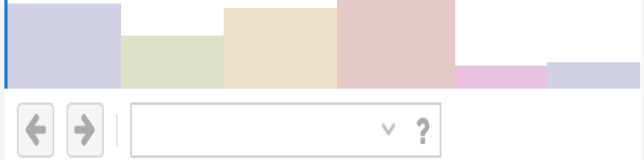


laughter





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Scale Terms: [slider]

Scale [slider]

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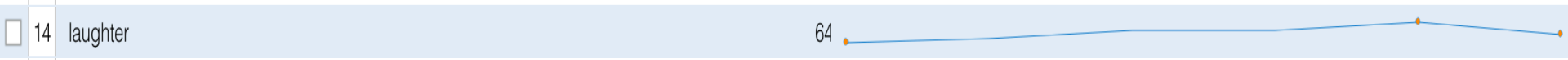
- Highest: (0 030); (0 028); (0 028); (0 027); (0 026)

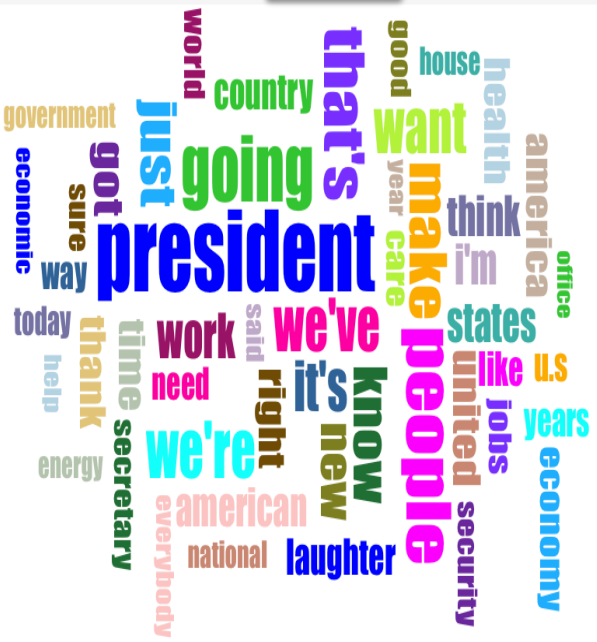
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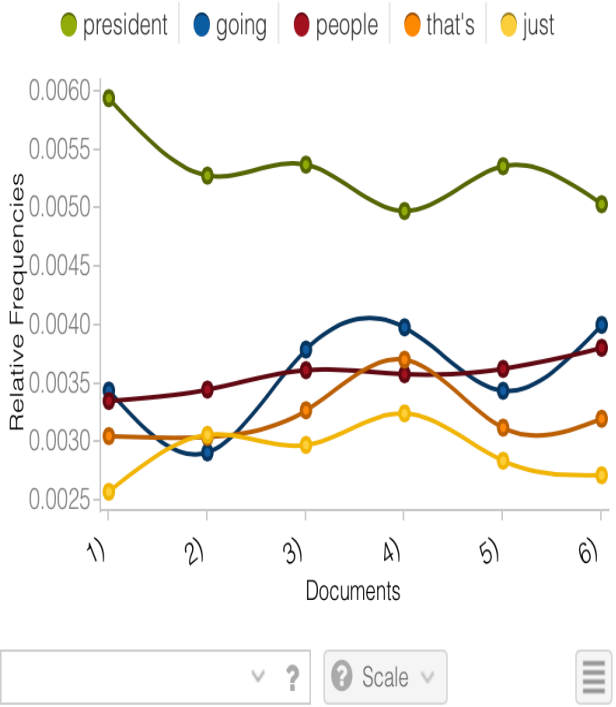
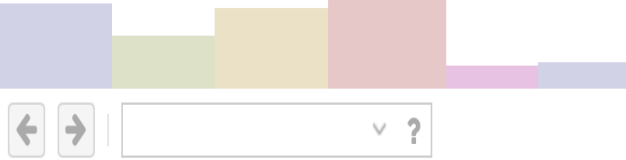
21,309 context [slider] expand [slider] Scale [slider]

	Term	Trend
<input type="checkbox"/>	1 president	21
<input type="checkbox"/>	2 people	14
<input type="checkbox"/>	3 it's	10
<input type="checkbox"/>	4 want	9
<input type="checkbox"/>	5 right	8
<input type="checkbox"/>	6 work	7
<input type="checkbox"/>	7 think	7
<input type="checkbox"/>	8 states	7
<input type="checkbox"/>	9 united	7
<input type="checkbox"/>	10 health	6
<input type="checkbox"/>	11 time	6
<input type="checkbox"/>	12 american	6
<input type="checkbox"/>	13 thank	6
<input type="checkbox"/>	14 laughter	6
<input type="checkbox"/>	15 america	6
<input type="checkbox"/>	16 country	6
<input type="checkbox"/>	17 jobs	5
<input type="checkbox"/>	18 years	5
<input type="checkbox"/>	19 care	5
<input type="checkbox"/>	20 u.s.	5





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items: [slider]

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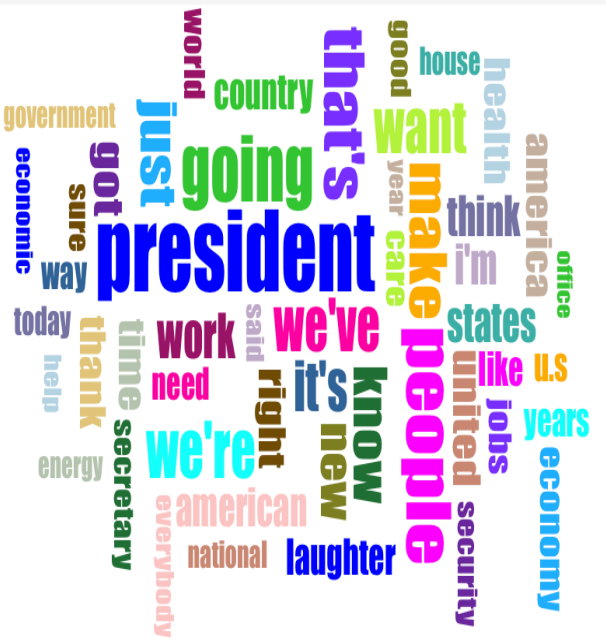
Vocabulary Density:

- Highest: ([0.030](#)); ([0.028](#)); ([0.028](#)); ([0.027](#)); ([0.026](#))
- Lowest: ([0.025](#)); ([0.026](#)); ([0.027](#)); ([0.028](#)); ([0.028](#))

Most **frequent words** in the corpus: [president](#) (21309); [people](#) (14209); [it's](#) (10618); [want](#) (9592); [right](#) (7869)

Most **frequent words** in the corpus:

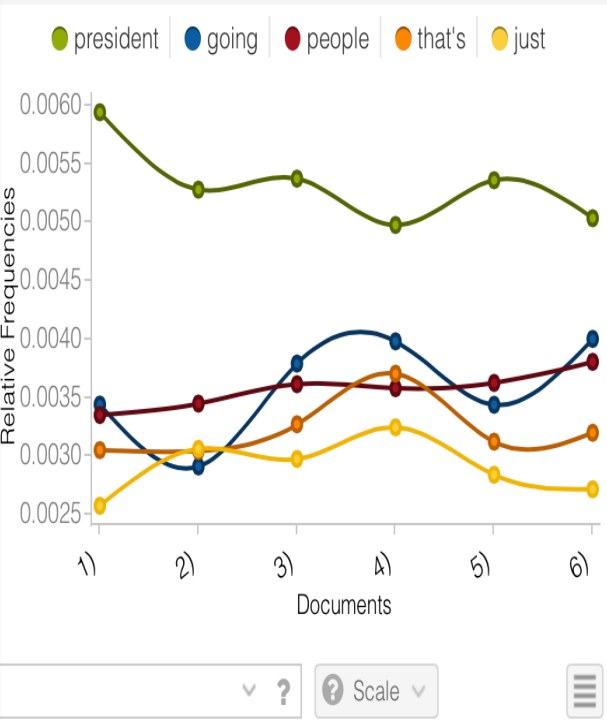
1. : [dialog](#) (60), [lauer](#) (85), [nab](#) (26), [942](#) (63), [memos](#) (24).
2. : [corzine](#) (72), [1863](#) (53), [1871](#) (52), [1858](#) (50), [1880](#) (49).
3. : [bp](#) (161), [935](#) (84), [ottumwa](#) (28), [deepwater](#) (66), [natoma](#) (25).
4. : [harwood](#) (53), [beyonce](#) (51), [ditch](#) (192), [1953](#) (42), [sipping](#) (32).
5. : [qadhafi](#) (136), [tucson](#) (35), [libya](#) (273), [772](#) (67), [757](#) (65).
6. : [cannes](#) (37), [whaling](#) (46), [dorsey](#) (41), [petry](#) (25), [irene](#) (64).



Scale Terms: [slider]

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Navigation controls: back, forward, search, scale



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⊕ 1)	as long as I am	pr . And there will be a

21,309 context [slider] expand [slider] Scale [dropdown]

Richard Nixon, Gerald R. Ford, Jimmy Carter, Ronald Reagan, George H.W. Bush, William J. Clinton, and George W. Bush are also included in the Public Papers series. The Public Papers of the Presidents publication program is under the direction of Michael L. White, Managing Editor, Office of the Federal Register. The series is produced by the Presidential and Legislative Publications Unit. The Chief Editor of this book was Stacey A. Mulligan, assisted by Lois M. Davis, Michael J. Forcina, Joseph Frankovic, Gwendolyn J. Henderson, Diane Hiltabidle, Alfred Jones, Joshua H. Liberatore, Heather N. McDaniel, Amelia E. Otovo, D. Gregory Perrin, Matthew R. Regan, and Joseph Vetter. The frontispiece and photographs used in the portfolio were supplied by the White House Photo Office. The typography and design of the book were developed by the Government Printing Office under the direction of Robert C. Tapella, Public Printer. Raymond A. Mosley Director of the Federal Register David S. Ferriero Archivist of the United States Contents Foreword . . . v Preface . . . vii Cabinet . . . xi Public Papers of Barack Obama, January 20-June 30, 2009 . . . 1 Appendix A Digest of Other White House Announcements . . . 939 Appendix B Nominations Submitted to the Senate . . . 977 Appendix C Checklist of White House Press Releases . . . 997 Appendix D Presidential Documents Published in the Federal Register . . . 1013 Subject Index . . . A-1 Name Index . . . B-1 Document Categories List . . . C-1 Cabinet Vice President Joseph R. Biden, Jr. Secretary of State Hillary Rodham Clinton Secretary of the Treasury Timothy F. Geithner Secretary of Defense Robert M. Gates Attorney General Eric H. Holder, Jr. Secretary of the Interior Kenneth L. Salazar Secretary of Agriculture Thomas J. Vilsack Secretary of Commerce Gary F. Locke Secretary of Labor Hilda L. Solis Secretary of Health and Human Services Kathleen Sebelius Secretary of Housing and Urban Development Shaun L.S. Donovan Secretary of Transportation Raymond H. LaHood Secretary of Energy Steven Chu Secretary of Education Arne Duncan Secretary of Veterans Affairs Eric K. Shinseki Secretary of Homeland Security Janet A. Napolitano Chief of Staff Rahm I. Emmanuel Administrator of the Environmental Protection Agency Lisa P. Jackson United States Trade Representative Ronald Kirk Cabinet (Continued) Director of the Office of Management and Budget Peter R. Orzag Chair of the Council of Economic Advisers Christina D. Romer United States Representative to the United Nations Susan E. Rice Administration of Barack Obama 2009 Inaugural Address January 20, 2009 My fellow citizens, I stand here today humbled by the task before us, grateful for the trust you have bestowed, mindful of the sacrifices borne by our ancestors. I thank President Bush for his service to our Nation, as well as the generosity and cooperation he has shown throughout this transition. Forty-four Americans have now taken the Presidential oath. The words have been spoken during rising tides of prosperity and the still waters of peace. Yet every so often, the oath is taken amidst gathering clouds and raging storms. At these moments, America has carried on not simply because of the skill or vision of those in high office, but because we the people have remained faithful to the ideals of our forbearers and true to our founding documents. So it has been; so it must be with this generation of Americans. That we are in the midst of crisis is now well understood. Our Nation is far-reaching network of violence and hatred. Our economy is badly weakened, a consequence of greed and irresponsibility on the part of some, but also our collective failure to make hard choices and reform our laws. Homes have been lost, jobs shed, businesses shuttered. Our health care is too costly. Our schools fail too many. And each day brings further evidence that the way we live in this world has grown ugly. There has been a nagging fear that America's decline is inevitable, that the next generation must lower its sights. Today I say to you that the challenges we face are real. They are serious, and they are many. They will be met, but not easily or in a short span of time. But know this, America: They will be met. On this day, we gather because we have chosen hope over fear, unity of purpose over conflict and discord. On this day, we gather because we have chosen to proclaim an end to the petty grievances and false promises, the recriminations and worn-out dogmas that for far too long have strangled our politics. We remain a young nation, but the time has come to set aside childish things. The time has come to reaffirm our enduring spirit, to choose our better history, to carry forward that precious gift, that noble idea passed on from generation to generation: the God-given promise that all are equal, all are free, and all deserve a chance to pursue their full measure of happiness.

- people (14209)
- it's (10618)
- want (9592)
- right (7869)
- work (7704)
- think (7509)
- states (7422)
- united (7369)



health x ?

president x v





Search syntax (press enter/return to trigger a search):

- **coat**: match exact term *coat*
- **coat***: match terms that start with *coat* as one term
- **^coat***: match terms that start with *coat* as separate terms (*coat*, *coats*, etc.)
- **coat,jacket**: match each term separated by commas as separate terms
- **coat|jacket**: match terms separate by pipe as a single term
- **"winter coat"**: *winter coat* as a phrase
- **"coat mittens"~5**: *coat* near *mittens* (within 5 words)
- **^coat*,jacket|parka,"coat mittens"~5**: combine syntaxes

Contexts

		Left	Term ↑	Right
+	1)	men and women; expand health	insurance	for children; protect our great
+	1)	sought to reform our health	insurance	system to bring down costs
+	1)	lives. And we'll protect health	insurance	for more than 8 million
+	1)	lose their jobs and health	insurance	, it is vital that we
+	1)	bipartisan legislation to provide health	insurance	to children whose families have
+	1)	children through the Children's Health	insurance	Program will serve as a
+	1)	still able to get unemployment	insurance	, are still able to get
+	1)	on Signing the Children's Health	insurance	Program Reauthorization Act of 2009
+	1)	sign, reauthorizing the Children's Health	insurance	Program, we fulfill one of
+	1)	are unable to afford health	insurance	. Today in America, 8 million
+	1)	the ban on States providing	insurance	to legal immigrant children if
+	1)	ago, the Children's Health	insurance	Program has been a lifeline
+	1)	and can't afford private	insurance	. For millions of children who
+	1)	we'll have extended health	insurance	for the unemployed, so that
+	1)	the struggling middle class, unemployment	insurance	and continuing health care coverage
+	1)	in terms of the unemployment	insurance	rates that are going sky
+	1)	struggling middle class and unemployment	insurance	and continued health care coverage
+	1)	then we signed children's health	insurance	to provide coverage for 11
+	1)	111-3, the Children's Health	insurance	Program Reauthorization Act of 2009
+	1)	to \$1,000. It protects health	insurance	and provides unemployment insurance for

Click the plus sign to see more of the text

312 context expand Scale

Search box

⊕	1)	be just a regular old	insurance	company; then they insured a
⊖	1)	bears responsibility for owning health	insurance	, so long as we provide
<p>single-payer system works pretty well. But I believe--and I've taken some flak from members of my own party for this belief--that it's important for our reform efforts to build on our traditions here in the United States. So when you hear the naysayers claim that I'm trying to bring about government-run health care, know this: They're not telling the truth. What I am trying to do--and what a public option will help do--is put affordable health care within reach for millions of Americans. And to help ensure that everyone can afford the cost of a health care option in our exchange, we need to provide assistance to families who need it. That way, there will be no reason at all for anyone to remain uninsured. Indeed, it's because I'm confident in our ability to give people the ability to get insurance at an affordable rate that I'm open to a system where every American bears responsibility for owning health insurance, so long as we provide a hardship waiver for those who still can't afford it as we move towards this system. The same is true for employers. While I believe every business has a responsibility to provide health insurance for its workers, small businesses that can't afford it should receive an exemption. And small-business workers and their families will be able to seek coverage in the exchange if their employer is not able to provide it. Now, here's some good news. Insurance companies have expressed support for the idea of covering the uninsured and they certainly are in favor of a mandate. I welcome their willingness to engage constructively in the reform debate. I'm glad they're at the table. But what I refuse to do is simply create a system where insurance companies suddenly have a whole bunch of more customers on Uncle Sam's dime, but still fail to meet their responsibilities. We're not going to do that. Let me give you an example</p>				
⊕	1)	bets, they can't issue these	insurance	policies one on top of
⊕	1)	bipartisan legislation to provide health	insurance	to children whose families have
⊕	1)	broken. So if somebody has	insurance	they like, they should be
⊕	1)	brought together various constituency groups,	insurance	companies, drug companies, you name
⊕	1)	but number one, let's have	insurance	reform so that you can't
⊕	1)	but still don't have health	insurance	or their premiums are getting
⊕	1)	can we make sure that	insurance	is there, health care is
⊕	1)	can't keep on providing the	insurance	companies huge subsidies under Medicare
⊕	1)	care. As a former State	insurance	commissioner and Governor, Kathleen has



0 context

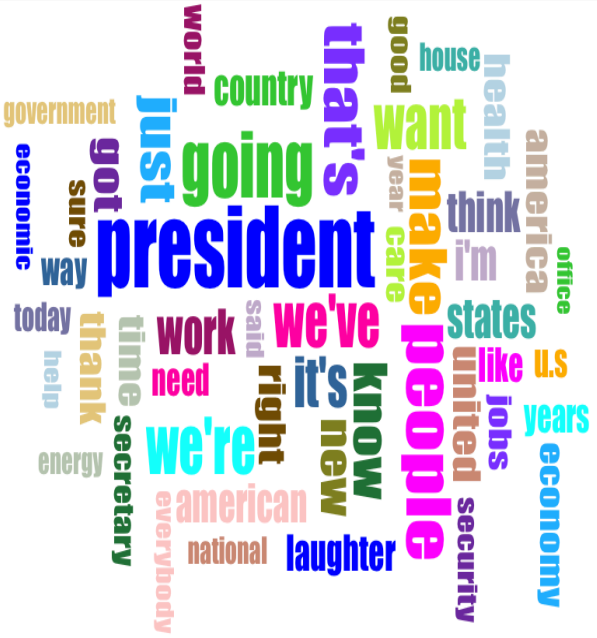


expand

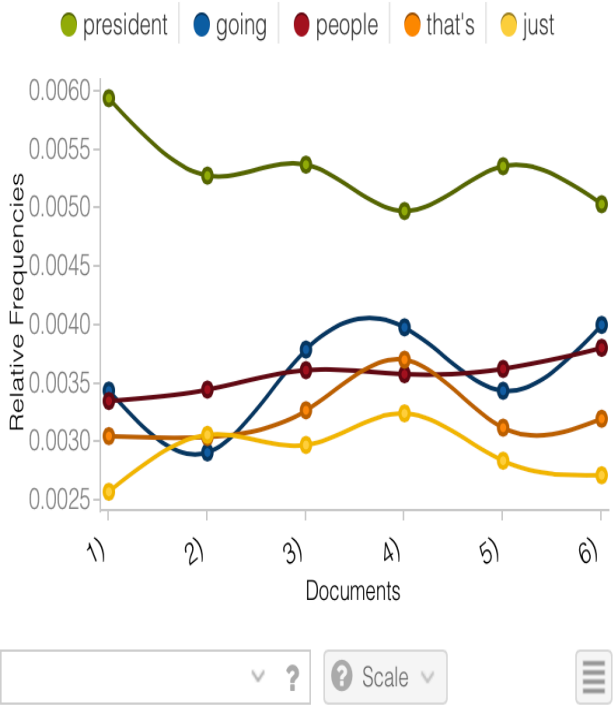
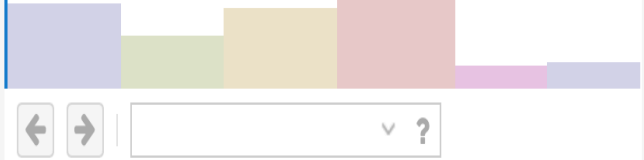


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 20401 Foreword I was sworn into office during a period of great
 consequence in America. Abroad, we were waging two wars while
 fighting a far-reaching network of violence and hatred. At home, a
 financial crisis threatened to plunge our economy into another
 Great Depression. Amid job losses, foreclosures, and soaring



Scale Terms: [slider]

Scale [slider]

This corpus has 6 documents with 4,005,319 total words and 38,882 unique word forms. Created about 8 minutes ago.

Document Length:

- Longest: (740383); (725936); (714121); (650466); (591540)
- Shortest: (582873); (591540); (650466); (714121); (725936)

Vocabulary Density:

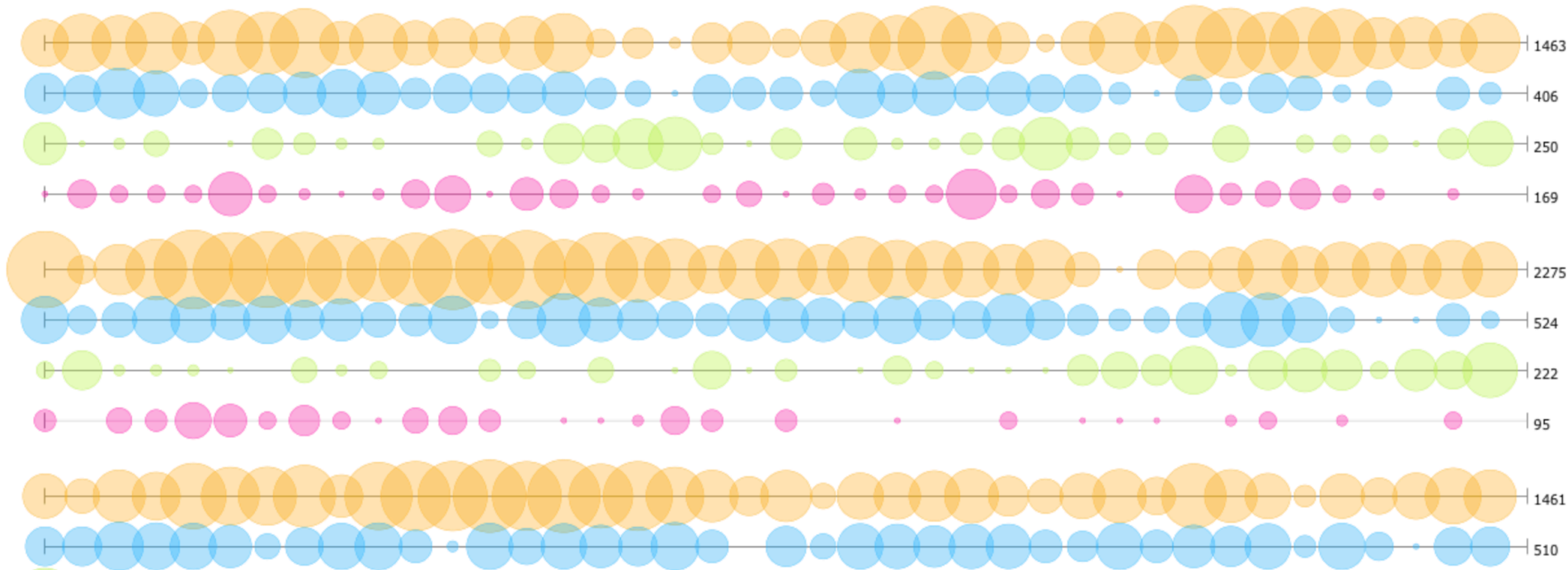
- Highest: (0 030); (0 028); (0 028); (0 027); (0 026)

items: [slider]

	Left	Right
⊕ 1)	papers and speeches of the	pr of the United States that
⊕ 1)	List . . . C-1 Cabinet Vice	pr Joseph R. Biden, Jr. Secretary
⊕ 1)	by our ancestors. I thank	pr Bush for his service
⊕ 1)	States of America. Note: The	pr spoke at approximately 12 p.m
⊕ 1)	as long as I am	pr . And there will be a

21,309 context [slider] expand [slider] Scale [slider]

health job terror* debt*



debt* × terror* ×
job × health ×



Document selection dropdown

Granularity: slider

Separate Lines for Terms

Add your terms

Clear and start over

Select the document(s) to search

Increase/ decrease the granularity

Terms on either one line or separate lines

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- ❑ Must download in order to use
- ❑ Can only use plain text files. You may have to copy and paste text from one file or document into Notepad or another text editor in order to have a useable file to upload into AntConc

Corpus Files

Congressional_Record_-_1
Congressional_Record_-_1
Congressional_Record_-_1

Word Types: 30505 Word Tokens: 179639 Search Hits: 0

Rank	Freq	Word	Lemma Word Form(s)
1	1157	postmaster	
2	1052	commission	
3	1049	expired	
4	991	bill	
5	956	they	
6	947	place	
7	875	incumbent	
8	858	war	
9	743	been	
10	726	would	
11	708	no	
12	701	r	
13	684	their	
14	650	committee	
15	644	government	
16	632	our	
17	632	were	
18	622	now	
19	604	so	
20	594	president	
21	594	time	
22	583	do	
23	573	e	
24	571	one	

Search Term Words Case Regex

Hit Location

Lemma List Loaded

Sort by Invert Order

Total No.
3
Files Processed

Concordance Hits 224

Hit

KWIC

1	United States. for lessening the expenses of the	war, and restoring the loss caused by the war
2	war, and restoring the loss caused by the	war by providing for the employment of' a discover
3	an undue congestion of people caused by this	war in any part of the United States the
4	their patriotic duty in trying to help the	war workers, but it seems they all feel they
5	will permit me, while the country is at	war and there has been such a magnificent spirit
6	bar pilots have since the commencement of the	war with the Imperial German Government furnished
7	free of charge. At the beginning of the	war we verbally volunteered to render such service
8	of the San Francisco bar pilots since the	war between the United States and central powers i
9	the United States Navy so long as the	war continues. Very truly, yours, IIUGH M. BURKE,
10	itical Inequality andt devoted without reserve to	war service, we respectfully and earnestly ask tha
11	, allowed to run lirc:ius-. they have large	war orders to till and have an nl,unal:
12	rranges production. Pro!duction only can win this	war. Chicago dealers expressed opinion that mtiaio
13	must prevail if we are to win this	war; and tlltt is our chief business now. Mr.
14	our country needs their product to conduct the	war properly; we need more lumber, much more than
15	nliny young olleers. Under Instructions from he	War Delartinent, quartermastelrs were forbidden to
16	reased prices everywhere. Inulmtdiately after the	War Department ordered the Quartermaster Deppnrllil
17	equipment to all officers this act of the	War Department becatne a signal for all private co
18	ni and Canada after nearly four years of	war, while in this country the cost hi.s
19	these men have to buy is appalling. The	War Department makes no provision for an economica
20	to Army Regulations, that we may notify the	War Department. We are not certain what effect thi
21	conclusion that it would be better for the	War Departmaent to know that, so far as paying
22	4, 1S87; to the Committee on Interstate Commerce.	WAR CAINET. Mr. CHAMBERLAIN. I introduce a bill a
23	the bill. The bill (S. 3583) to establish a	war cabinet and to deline the jurisdiction and aut
24	enacted. 'tc., That there is hereby created a	war cabinet. to ob composed of three distinguished

Search Term Words Case Regex

Search Window Size

war

Advanced

50



Start

Stop

Sort

Kwic Sort

Level 1

1R



Level 2

2R



Level 3

3R



Congressional Record SENATE. MONDAY, January 21, 1918. The Chaplain, Rev. Forrest J. Pirettyman. D. P.. offered the following prayer : Almighty God, we seek by prayer and supplication to fit ourselves for the solemn responsibilities and duties of this day. As we draw from Thee the inspiration and strength we shall measure up to the duties that are now upon us. Give us the Divine guidance that we may have gentleness and grace of aspirit, understanding of the great issues of the day, and an alppreciation of the responsibilities of this hour, that we may do all things according to Thy will for the peace and happiness of a great Nation. For Christ's sake. Amen. The Journal of the proceedings of Friday last was read and approved. Mr. GALLINGER. Mr. President, I sugg.c-t the absence of a *llorum. The VICE PRESIDENT. The Secretary x\ill call the roll. The Secretary called the roll, and tlie following Senators ansv-ered to their names: P.oclkhanl .Talnr s t'alder Johnson, Cali. Chamberlain Johnson, S. D. Colt Kellogg ('ulhorson King Cnrtis Kirby Dillingham Knox Fcrnald Lewis Fletcher MetcCumber France McKellar Frelinghuy.-en iMcLlean iGallinger MeNary Grounna Martin Htale Nelson tlitcheock New Norris Overnliini Owen en'crose Phe:an Poindcxt,er Rlolin-uso Shafroth Sheppard Sherlinan Shitltds Simmons Smith. Arii. SmIith. Gna. Smith. Md. Smith, Mi."h. Sinoot Strtling Stone Swa n-on 'rhonmas Tilntuan Traltliinie'Il WWatdslwor iit 'Rtarreni VWats on Williams \VVLott Mr. WOLCOTT. I wish to announce that ily colleague [Mr. SAULSBURY] is detained at home by illness. I wish that this ;ntnouncement may stand for the day. Mr. LEWIS. I announce the absence 'of thie Senator from Missouri [Mr. REED], the Senator from Mississippi Mr. VARD\AMANs, the Senator from. New Mexico [Mir. Jost:sl. and the Senator from Massachusetts [IMr. LODGE . detliined on official Ibusiness in the Committee oil Manufactures. I also announce that; the Senator from Kansas [Mr. Tuoi'sox] is detained on ilimportant public business. The PRESIDING OFFICER (Mr. Sw.xsox in the chair). Fifty-eight Senators have answered to their names. There is a qulortun present. The Senate will receive a message fro'm the H-ouse of Representatives. MESSAGE FllOM THE HOUSE. A mess:age from the House of Representatives, by G. F.I Turner, one of its clerks, announced that the Ihouse had agreed to the ammedments of the Senate to the bill (H. IR.]0.))) provilding for the sale of the coal and asphalt deposits in lthe segregated mineral land in the Choctaw and Chickasaw Nations, Okla. The message also announced that the House disagrees to the amendments of the Senate to the joint resolution (H. J. les. 174) for the purpose of promoting efficiency, for the utilization ofthe and industries of the United States. for lessening the expenses of the war, and restoring the loss caused by the war by providing for the employment of' a discovery or invention called the " Garabed," claiming to tmake posilhle the utilization of free energy, asks a conference withi lthe Senate on thei disagreeing votes of the two Houses thereon. :nd had appointed Mr. CniatLES B. SaMtIr, Mr3. Caisa.sl.: mid Mr. NOLAN managers at the conference on the part of the House. ENROLLED BILLS SIGNED. The message also announced that the Speaker of the House had signed the following enrolled bills. and they were thereupon signed by the Vice President: a iH. It. 7697. An act to authorize tle calling into the ser\icxt or the United States the militia andl other locally created armed forces in the Philippine Islands. and for other purposes; :uda .IR.6176(. An act extending the time for the construction o(: a bridge across the Monongahela River at or near the city oi 'airnlont, W. Va. PETITIONS AND MEAMORIAI.S. Mr. STERLING. I send to the desk a resolution atiopted by the Farmers' Equity Union of South Dakota, relative to a survey of the power possibilities of the Missouri River. which I ask may be printed in the RECORD. There being no objection, tle resolution was ordered to, be printed in the RECOI) as follows: ResolredC. Tdat we urgently requestf thl South IDakota delelu.ti-con in Congress to use its best ettorts to secure provision fromn the preseclt <',n gress for the comprehensive survey of the powevr possibilities of tthe Missouri River between the forty-third an;t forty erventh de'gre. ""C north latitude. Mr. KNOX presented a memorial of tho Select and ('oilmnl Councils of Philadelphia. Pa., remonstrating against the al,olishhiicnt of the pneumatic mail tubes in that

Search Term Words Case Regex Hit Location

war 0

Total No. of Cluster Types 137

Total No. of Cluster Tokens 224

Rank	Freq	Range	Cluster
1	15	1	war cabinet
2	13	1	war department
3	11	1	war and
4	7	1	war, and
5	6	1	war activities
6	5	1	war-savings
7	4	1	war has
8	4	1	war in
9	4	1	war, but
10	4	1	war, which
11	3	1	war agencies
12	3	1	war council
13	3	1	war is
14	3	1	war of
15	3	1	war. and
16	3	1	war. mr
17	2	1	war as
18	2	1	war began
19	2	1	war they
20	2	1	war to
21	2	1	war was
22	2	1	war when
23	2	1	war transmitting

Search Term Words Case Regex N-Grams

war

Advanced

Start

Stop

Sort

Sort by Invert Order

Sort by Freq

Search Term Position

 On Left On Right

Cluster Size

Min. 2

Max. 2

Min. Freq. Min. Range

1

1

Concordle

<http://folk.uib.no/nfylk/concordle/>

Concordle-ordered

\$23 (1) \$35 (1) 12th (1) 1996 (1) able (1) abpp (1) allow (1) already (1) also (1) americans (1) ann (1) appropriates (1) authorize (1) authorizes (1) been (1) being (1) beneficiaries (1) bipartisan (1) budget (1) civil (1) clad (1) coin (1) coins (1) collaborate (1) collection (1) colonies (1) coming (1) comment (1) completed (1) comprehensive (1) concerned (1) conduct (1) congressional (1) conservation (1) cosponsors (1) cost (1) costs (1) critically (1) current (1) danger (1) davis (1) day (1) development (1) directed (1) district (1) early (1) enacted (1) enactment (1) era (1) especially (1) established (1) even (1) example (1) exclusively (1) expressed (1) fiinding (1) five (1) forever (1) fort (1) forthcoming (1) foundation (1) from (1) fund (1) funding (1) future (1) generating (1) generations (1) gold (1) governments (1) greatest (1) hallowed (1) heart (1) highly (1) hinchey (1) historic (1) history (1) holt (1) home (1) important (1) indicate (1) individuals (1) interior (1) introduce (1) jeopardy (1) joined (1) law (1) least (1) lee (1) legislation (1) lie (1) lists (1) local (1) lost (1) lwcf (1) management (1) mark (1) markey (1) maurice (1) mchugh (1) mechanism (1) minting (1) money (1) monies (1) most (1) nation (1) needed (1) northwest (1) nothing (1) nps (1) office (1) officials (1) one (1) opened (1) organizations (1) our (1) partisan (1) people (1) percent (1) period (1) played (1) plus (1) preliminary (1) preserve (1) priority (1) privileged (1) proceeds (1) program (1) protect (1) purchasing (1) purposes (1) ranked (1) relive (1) represent (1) representatives (1) roles (1) seed (1) silver (1) sold (1) souder (1) speaker (1) sprawl (1) spring (1) springfield (1) states (1) submission (1) support (1) surcharges (1) surveyed (1) surveys (1) sweeney (1) taxpayers (1) territory (1) thirteen (1) threatened (1) three (1) time (1) today (1) transfer (1) treasury (1) upon (1) used (1) water (1) american (2) bill (2) commemorative (2) john (2) land (2) many (2) million (2) monmouth (2) much (2) national (2) original (2) other (2) pleased (2) princeton (2) profit (2) public (2) same (2) second (2) secretary (2) state (2) trenton (2) two (2) **act (3) bills (3) congress (3) federal (3) historical (3) more (3) study (3) endangered (4) jersey (4) non (4) provide (4) related (4) battlefield (5) new (5) park (5) preservation (5) service (5) battlefields (7) protection (7) would (7) sites (8) 1812 (9) revolutionary (9) war (19)**

Concordle Foggy Cloud

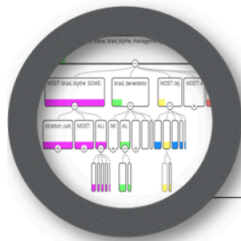
\$23 (1) \$35 (1) 12th (1) **1812 (9)** 1996 (1) able (1) abpp (1) **act (3)** allow (1) already (1) also (1) american (2) americans (1) ann (1) appropriates (1) authorize (1) authorizes (1) **battlefield (5) battlefields (7)** been (1) being (1) beneficiaries (1) bill (2) **bills (3)** bipartisan (1) budget (1) civil (1) clad (1) coin (1) coins (1) collaborate (1) collection (1) colonies (1) coming (1) **commemorative (2)** comment (1) completed (1) comprehensive (1) concerned (1) conduct (1) **congress (3)** congressional (1) conservation (1) cosponsors (1) cost (1) costs (1) critically (1) current (1) danger (1) davis (1) day (1) development (1) directed (1) district (1) early (1) enacted (1) enactment (1) **endangered (4)** era (1) especially (1) established (1) even (1) example (1) exclusively (1) expressed (1) **federal (3)** fiinding (1) five (1) forever (1) fort (1) forthcoming (1) foundation (1) from (1) fund (1) funding (1) future (1) generating (1) generations (1) gold (1) governments (1) greatest (1) hallowed (1) heart (1) highly (1) hinchey (1) historic (1) **historical (3)** history (1) holt (1) home (1) important (1) indicate (1) individuals (1) interior (1) introduce (1) jeopardy (1) **jersey (4)** john (2) joined (1) land (2) law (1) least (1) lee (1) legislation (1) lie (1) lists (1) local (1) lost (1) lwcf (1) management (1) **many (2)** mark (1) markey (1) maurice (1) mchugh (1) mechanism (1) million (2) minting (1) money (1) monies (1) monmouth (2) **more (3)** most (1) much (2) nation (1) national (2) needed (1) **new (5) non (4)** northwest (1) nothing (1) nps (1) office (1) officials (1) one (1) opened (1) organizations (1) original (2) other (2) our (1) **park (5)** partisan (1) people (1) percent (1) period (1) played (1) pleased (2) plus (1) preliminary (1) **preservation (5)** preserve (1) princeton (2) priority (1) privileged (1) proceeds (1) profit (2) program (1) protect (1) **protection (7) provide (4)** public (2) purchasing (1) purposes (1) ranked (1) **related (4)** relive (1) represent (1) representatives (1) **revolutionary (9)** roles (1) same (2) second (2) secretary (2) seed (1) **service (5)** silver (1) **sites (8)** sold (1) souder (1) speaker (1) sprawl (1) spring (1) springfield (1) state (2) states (1) **study (3)** submission (1) support (1) surcharges (1) surveyed (1) surveys (1) sweeney (1) taxpayers (1) territory (1) thirteen (1) threatened (1) three (1) time (1) today (1) transfer (1) treasury (1) trenton (2) two (2) upon (1) used (1) **war (19)** water (1) **would (7)**

the preservation and protection of the endangered	Revolutionary	War and War of 1812 battlefields and
to conduct a comprehensive study of endangered	Revolutionary	War and War of 1812 sites for
related sites. One of my bills -The	Revolutionary	War and War of 1812 Battlefield Protection
same for the hallowed battlefields of the	Revolutionary	War (e. g. Trenton, Princeton, Monmouth) and
concerned individuals to preserve and protect endangered	Revolutionary	War and War of 1812 historical sites
threatened by sprawl. My second bill -The	Revolutionary	War and War of 1812 Battlefields Commemorative
for the preservation and protection of endangered	Revolutionary	War and War of 1812 battlefields and
them to the non -partisan, non -profit	Revolutionary	War and War of 1812 Battlefields Foundation
relive more of the history of the	Revolutionary	War era and the War of 1812,



Overview

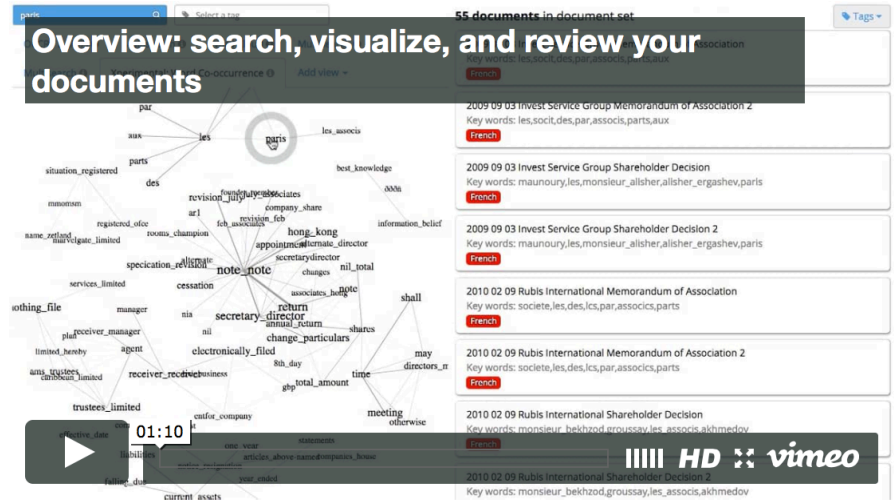
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The screenshot displays the Verview software interface. At the top, a search bar contains the text "Search a tag". Below the search bar, a dark overlay box contains the text "Overview: search, visualize, and review your documents". To the right of this overlay, it says "55 documents in document set" and "Tags". Below the search bar, a network visualization shows various terms connected by lines, with "paris" highlighted in a circle. To the right of the network, a list of documents is shown, including titles like "2009 09 03 Invest Service Group Memorandum of Association 2" and "2010 02 09 Rubis International Memorandum of Association 2". Each document entry includes key words and a "French" tag. At the bottom of the screenshot, a video player is visible, showing a play button, a progress bar at 01:10, and the text "HD vimeo".



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EXAMPLE DOCUMENT SETS

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Hillary Clinton emails released by State Dept
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Clinton Library docs
3,125 documents / Shared by jonathanstray@gmail.com

Clone

16,000 tweets about drones
16,005 documents / Shared by jonathanstray@gmail.com

Clone

White House emails prior to BP oil spill
628 documents / Shared by jonas@overviewproject.org

Clone

Wikileaks cables containing the word 'Caracas'
6,849 documents / Shared by jonas@overviewproject.org

Clone

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Overview analyzes document sets. These example document sets can give you a feel for how it works.

If you have your own document set, upload it using one of the links above

Searching all documents

Tags

Found 628 documents

MMS10 Pdf 10 66 66

Key words: tables_lease,table_showing,dpp,opp,proposed_leasing,estimates

MMS10 Pdf 1 1 3

Key words: report,answer,dpp,cumulative_effects,taxes,corporate,profits

MMS10 Pdf 11 67 68

Key words: gulf_mexico,western_gulf,dollars,leasing_revenues

MMS10 Pdf 12 69 69

Key words: estimates_ocs,jamie,estimatespdf,moore_hutchison,anita_hunter,extended,...

MMS10 Pdf 13 70 71

Key words: late,subject_esa,rents,mid,estimate,royalty

MMS10 Pdf 14 72 73

Key words: moore_hutchison,ocs_revenues,jamie_moore,latest,anita_hunter,extended

MMS10 Pdf 15 74 74

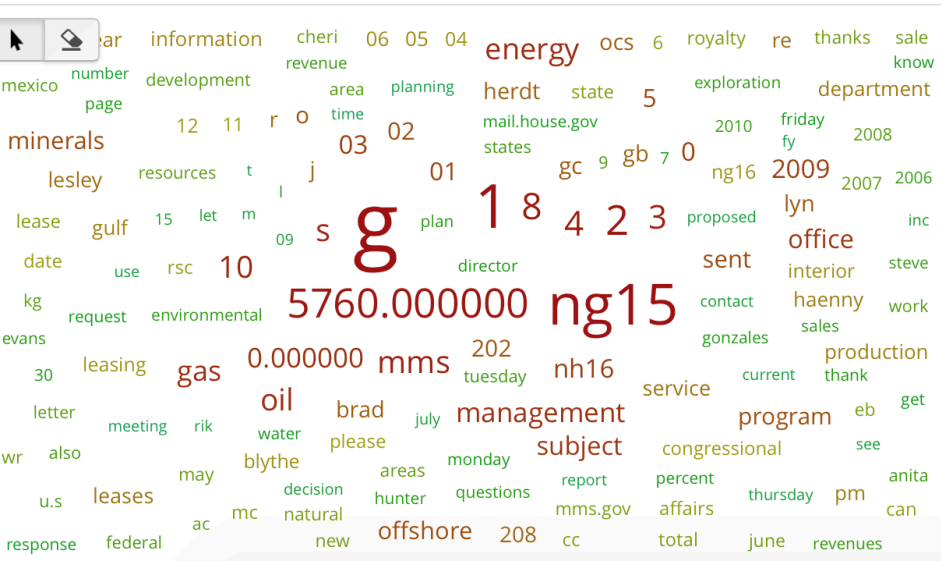
Key words: estimate_estimate,federal_royalty,royalty_receipts,royalty_production

MMS10 Pdf 16 75 75

Key words: membership,rtwg,list,delay_getting,april_feldgus,cheri_wednesday

MMS10 Pdf 17 76 78

Word Cloud **White House emails prior to BP oil spill (628)**

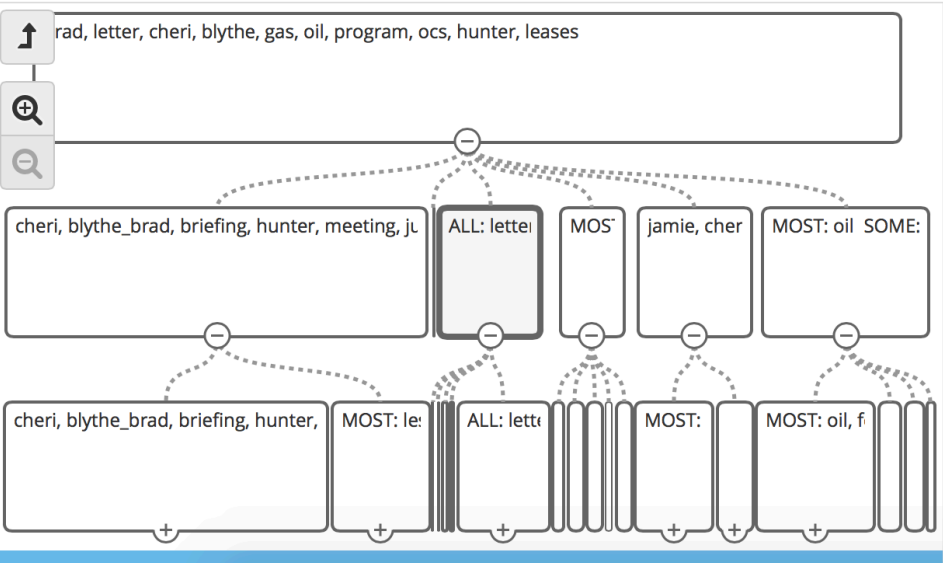


Tags

Searching in folder "ALL: letter MOST: urging, president_obama, ope... x Found 73 documents

Search Search by tag

Word Cloud Multisearch White House emails prior to BP oil spill (628) Entities Xperimental: Word Co-occurrence Add view



MMS5 Pdf 75 196 196 Key words: commerce,oceans,dialogue,birnbaum,comments,productive,noaa's

MMS6 Pdf 20 39 40 Key words: alvin,letter,decision,congress,program,suggestions_comments Obama letter

MMS6 Pdf 21 41 50 Key words: letter,decision,jun,congress,suggestions_comments Obama letter

MMS6 Pdf 22 51 52 Key words: letter,decision,i-louse,congress,program,suggestions_comments Obama letter

MMS6 Pdf 23 53 54 Key words: miller,letter,decision,comments,ofthe,congress,program Obama letter

MMS6 Pdf 24 55 56 Key words: letter,decision,comments,ofthe,department,congress,program Obama letter

MMS6 Pdf 25 57 58 Key words: letter,cultent,king,decision,comments,congress,program

Play around!

- There are a lot of tools with varying levels of functionality and for all skill levels. Don't be afraid to try these tools or others you find and just play around with them; they can be a lot of fun.



Thank you!

Questions?

Feel free to email me at frankosk@msu.edu