Infectious Texts

Modeling Text Reuse in 19th-Century Newspapers

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#ViralTexts

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NUlab
for texts, maps, & networks
the antebellum culture of reprinting
C. 9 newspapers were an all-purpose media
C19 newspapers were an all-purpose media
C19 newspapers were built on systems of textual sharing

THE RESTING PLACE.

BY CHARLES MACKAY.

Tell me, ye winged winds,
That round my pathway roar,
Do ye not know some spot?
Where mortals weep no more?
Some lone and pleasant dell,
Some valley in the west,
Where free from toil and pain,
The weary soul may rest?
The loud wind dwindled to a whisper low,
And sighed for pity as it answered “No!”

THE INQUIRY.

Tell me, ye winged winds,
That round my pathway roar,
Do ye not know some spot?
Where mortals weep no more?
Some lone and pleasant dell,
Some valley in the west,
Where free from toil and pain,
The weary soul may rest?
The loud wind dwindled to a whisper low,
And sighed for pity as it answered “No!”

"He touched his harp, and nations heard, entranced."

THE INQUIRY.

Tell me ye winging winds,
That round my pathway rear,
Do ye not know some spot?
Where mortals weep no more—
Some lone and pleasant dell,
Some valley in the west,
Where, free from toil and pain,
The weary soul may rest?
The loud wind dwindled to a whisper low,
And sighed for pity, as it answered, “No!”
Unauthorized reprinting was so widely practiced in this period that the designation of a poem, article, or tale as an ‘original’ referred not to the quality of its contents, but to the fact that the book or periodical in which it appeared was the site of its first printing....Reprinting is a form of textual production that is inseparable from distribution and reception. Running counter to the avowed intentions (if not always the interests) of authors and their publishers, unauthorized reprinting makes publication distinctly legible as an independently signifying act. In the multiplicity of their formats and points of origin, and in the staggered temporality of their production, reprinted texts call attention to the repeated acts of articulation by which culture and audiences are constituted.

Find widely-reprinted texts. I don’t know what they were.
finding and clustering reprinted passages
LoC Chronicling America
1860 and before
41,829 issues
132 newspapers
no article breaks
LoC Chronicling America
1860 and before
41,829 issues
132 newspapers
no article breaks

aligned passages
LoC Chronicling America
1860 and before
41,829 issues
132 newspapers
no article breaks

aligned passages
LoC *Chronicling America*
1860 and before
41,829 issues
132 newspapers
no article breaks

aligned passages
LoC Chronicling America
1860 and before
41,829 issues
132 newspapers
no article breaks
LoC Chronicling America
1860 and before
41,829 issues
132 newspapers
no article breaks
LoC Chronicling America
1860 and before
41,829 issues
132 newspapers
no article breaks
LoC *Chronicling America*
1860 and before
41,829 issues
132 newspapers
no article breaks
41,829 newspapers
874,811,706 alignments?
Local, not global, alignment
Local, not global, alignment
Not all reprints of interest for this project
Mastheads
Manifestoes
Advertisements

But we do want
More occasional reprints in one paper
"A number of friends who united on Mr. Cliy a few days since, to make known in him the result of the election, were astonished when he received the result with a degree of satisfaction almost amounting to mania.

Why, friends,' said Mr. Ohy, 'it would be ridiculous for me to say I do not feel disappointed. I hot 1 lol so chiefly for you and for my country. As regards myself, I am relieved from a load of insula). I liolo hei n wlllinj In servo my country men Willi my life. I nulloivnl my name to ho li.ed In tho lati rontf.t Ini'au-o It was liniinimonsljr called for, for the sako of tho I'nion, and I am con.ult'd hy Iho Inct, that I hnvo been supported oy mo piitiinusni nuu minjigvnMi ui ,ni
What’s Different about This Problem?

• Prior work on individual tasks
  • (Partial) duplicate detection, local alignment, quote/meme detection
• No known boundaries (vs. de-duping)
• Much longer texts (vs. “meme tracking”)
• Ignore reprinting among “close” documents
• Noisy OCR (vs. sparse fingerprinting)
High-Level Algorithm

- Detect (approximate) set of pairs of newspaper issues with overlapping text
- Find regions of high-confidence (approximate) alignment in each pair, surrounded by unrelated text
- Link issues that align to (approximately) the same region of the same other issue
her majesty deares to congratulate the president upon the successful completion of this great international work

the queen desires to congratulate the president upon the successful completion of the great international work

the queen deiiirea to congratulate the president upon the euccetwfal completion of thia great international work
her majesty deares to congratulate the president upon the successful completion of this great international work

the queen desires to congratulate the president upon the successful completion of the great international work

the queen desires to congratulate the president upon the successful completion of the great international work

Index of 5-grams
her majesty deares to congratulate the president upon the successful completion of this great international work

the queen desires to congratulate the president upon the successful completion of the great international work

the queen desires to congratulate the president upon the successful completion of the great international work

Index of 5-grams

her majesty deares to congratulate: 1
her majesty deares to congratulate the president upon the successful completion of this great intern 1 lions work

the ueen desires to congratulate the p esident upon the successful completion of the gre it internaliooal work

the queen deiiirea to congratulate the president upon the euccetwfal completion of thia great inter tatial work

Index of 5-grams

her majesty deares to congratulate: 1

majesty deares to congratulate the: 1
her majesty deares to congratulate the president upon the successful completion of this great intern 1 lions work

the queen desires to congratulate the president upon the successful completion of the great international work

the queen deiirea to congratulate the president upon the euccetwfal completion of thia great inter tational work

Index of 5-grams

her majesty deares to congratulate: 1
mastery deares to congratulate the: 1
deares to congratulate the president: 1
her majesty deares to congratulate the president upon the successful completion of this great intern 1 lions work

the queen desires to congratulate the president upon the successful completion of the great interntional work

the queen deiirea to congratulate the president upon the euccetwfal completion of thia great inter tatial work

Index of 5-grams

her majesty deares to congratulate: 1
mastery deares to congratulate the: 1
deares to congratulate the president: 1

With cleaner texts, longer n-grams; with noisy texts, gapped bigrams
1  her majesty deares to congratulate the president upon the successful completion of this great intern 1 lions work

2  the queen desires to congratulate the p esident upon the successful completion of the gre it internaliooal work

3  the queen deiirea to congratulate the president upon the euccetwfal completion of thia great inter tatial work

Index of 5-grams
her majesty deare to congratulate the president upon the successful completion of this great intern 1 lions work

the queen desires to congratulate the president upon the successful completion of the great international work

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Index of 5-grams
to congratulate the president upon: 1, 3
her majesty deares to congratulate the president upon the successful completion of this great international work

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the queen desires to congratulate the president upon the successful completion of the great international work

Index of 5-grams

to congratulate the president upon: 1, 3
1. Her majesty deares to congratulate the president upon the successful completion of this great international work.

2. The queen desires to congratulate the president upon the successful completion of the great international work.

3. The queen desires to congratulate the president upon the successful completion of the great international work.

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to congratulate the president upon: 1, 3

congratulate the president upon the: 1, 3
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the queen desires to congratulate the president upon the successful completion of this great international work

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Index of 5-grams

to congratulate the president upon: 1, 3
congratulate the president upon the: 1, 3
upon the successful completion of: 1, 2
her majesty deares to congratulate the president upon the successful completion of this great intern 1 lions work

the ueen desires to congratulate the p esident upon the successful completion of the gre it internaliooaal work

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1. her majesty deares to congratulate the president upon the successful completion of this great international work.

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Index of 5-grams

to congratulate the president upon: 1, 3
congratulate the president upon the: 1, 3
upon the successful completion of: 1, 2

Avoid writing posting lists with single items (by checking n-gram hash collisions)
to congratulate the president upon the: 1, 3

to congratulate the president upon: 1, 3

upon the successful completion of: 1, 2
congratulate the president upon the: 1, 3
to congratulate the president upon: 1, 3
upon the successful completion of: 1, 2

(1, 2): upon the successful completion of, ...
congratulate the president upon the: 1, 3

to congratulate the president upon: 1, 3

upon the successful completion of: 1, 2

(1, 2): upon the successful completion of, ...

(1, 3): congratulate the president upon, upon the successful completion of, ...
to congratulate the president upon: 1, 3
congratulate the president upon the: 1, 3
upon the successful completion of: 1, 2

(1, 2): upon the successful completion of, ...

(1, 3): congratulate the president upon, upon the successful completion of, ...
congratulate the president upon the: 1, 3

to congratulate the president upon: 1, 3

upon the successful completion of: 1, 2

(1, 2): upon the successful completion of, ...

(1, 3): congratulate the president upon, upon the successful completion of, ...

Prune pairs from the same newspaper series (or other equivalence class)

Prune posting lists with too many items (not discriminative)
Down to 15M pairs, <1% of total
Now, find reprinted passages inside
Looks like a graph search problem!
Looks like a graph search problem!
Looks like a graph search problem!

I set up the cost matrix.
Looks like a graph search problem!

I set up the cost matrix.

Search exponentially many paths in quadratic time!
We don’t want a path...
from here...
to here.
Local, not global, alignment

Smith-Waterman with gap penalties
144,289 characters

131,526 characters

18,977,755,014 cells!
Anchor on unique (hapax) 5-grams
Align increasing seqs. in $O(n \log n)$
Single-link clustering, finding connected components

aligned passages

aligned passages

aligned passages
president's message fellow oihimi of ttu seine nd routt of rprtitntatxtxm throughout th yr lino our last meet ing th oountry has been eminently pros perou

president's message ftuov citiztni f iki sttitu and houm of eeprettntativti throughout the year since our laat meat log the contry has been eminently prosperous

president's message fcuow t li tus of he fs mitt and house of jleprrschnhitim throughout tho year since our meeting tho country bus been eminently prosperous

message or the president of the united states throughout the year since our last meeting thocountry has been eminently prosperous
soft answer ny t s arthur ill give him law to his hearts content the scoundrel said mr singleton walking backwards and forwards

soft aasffch bv t s arthuit 1 4 ill give him law to his hearts coii ent fhe scoundrel said mr single on walking backwards and forwards

soft answer by t s arthur ill ffive him inw to his hearts content the scoundrel said singleton walking bick ward and forward

soft answer ey t s arthur ill give him law to his hearts content the scoundrep said singleton walking backward and forward
what kinds of texts “went viral” in the nineteenth century?
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<th>B</th>
<th>C</th>
<th>D</th>
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### Cluster 15044

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<td>... op kansas to the qualified voters of sugar critk frtcilh ... frnce lewis n rec</td>
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<td>1855-03-20</td>
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<td>... of kansas to the qualified voters of 1 river at a point ... james m arthur elish</td>
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<td>... of kansas to the qualified voters of 1 the kansas river to the ... james m artl</td>
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### Cluster 9376

**Author:** Unknown

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<td>Squatter Sovereign</td>
<td>Atchison, KS</td>
<td>... the territories of nebraska and kansas kansas river to the ... james m arthur eli</td>
</tr>
<tr>
<td>1855-03-30</td>
<td>Kansas Weekly Herald</td>
<td>Leavenworth, KS</td>
<td>... territories of nebraska xd 1 kansas dc the kansas river to the ... jas m arntjr eli</td>
</tr>
</tbody>
</table>

### Cluster 72541

**Author:** Unknown
Our object is briefly this: To perfect an organization, modeled after that of the Constitution of the United States, and coextensive with the confederacy. Its object and principles, in all matters of national concern, to be uniform and identical, whilst in all local matters, the component parts shall remain independent and sovereign within their respective limits.

The great result to be obtained—the only one which can secure a perfect guaranty as to our future—is Union! permanent, enduring, fraternal Union! Allow me then to impress upon your minds and memories the touching sentiments of the Father of his country, in his farewell address: "The Unity of Government which constitutes you one people," says Washington, "is justly dear to you, for it is the main pillar in the edifice of your real independence, the support of your tranquility at home, of your peace abroad, your prosperity, even that liberty you so justly prize.

* * It is of moment that you should properly estimate the immense value of your National Union, to your collective and individual happiness. You should cherish a cordial, habitual, and immovable attachment to it, to think and speak of it as

Political Speeches
ATLANTIC TELEGRAPH,
Is in successful operation, and the following correspondence has passed between Queen Victoria and President Buchanan:

THE QUEEN'S MESSAGE.

To the Hon. the President of the United States:—Her Majesty desires to congratulate the President upon the successful completion of this great international work, in which the Queen has taken the deepest interest.

The Queen is convinced that the President will join with her in fervently hoping that the electric cable which now connects Great Britain with the United States will prove an additional link between the nations, whose friendship is founded upon their common interest and reciprocal regard.—The Queen has much pleasure in thus communicating with the President, and renewing to him her wishes for the prosperity of the United States. Signed,

VICTORIA.

THE PRESIDENT'S REPLY.

To Her Majesty Victoria, Queen of Great

News
THE LAST FAREWELL.
ROBERT EMMET AND HIS LOVE.

'Twas the evening of a lovely day—the last day of the noble and ill-fated Emmet. A young lady stood at the gate and desired admittance into the dungeon. She was closely vailed, and the keeper could not imagine who she was, nor why one of such proud bearing should be a suppliant at the prison door. However, he granted the boon—led her to the dungeon, opened the massive iron door, then closed it again, and the lovers were alone. He leaned against the prison wall with downcast head, and his arms were folded upon his breast. Gently she raised the vail from her face, and Emmet turned to gaze upon all the earth contained for him—the girl whose sunny brow in the days of boyhood had been his polar star—the maiden who had sometimes made him think 'the world was all sunshine.' The clanking of the heavy chains sounded like a death knell to her ears, and she wept like a child. Emmet said but little, yet he pressed her warmly to his bosom, and their feelings held a
A Journey under Paris.

A correspondent of a Swedish journal furnishes an interesting account of a subterranean voyage made through one of the admirably constructed sewers of Paris. The boat which conveyed the party was reached by descending a flight of steps to the depth of about forty-five feet. The boat, a flat-bottomed affair, was lighted by four lamps. The sewer is an archway, fifteen feet high, and of equal breadth, with a ditch of canal about ten feet wide, wherein all the dirt and filth of Paris is carried away. On the sides are sidewalks, which together are about four feet wide. The whole is built of beautiful sandstone, and is kept remarkably neat and clean. No stench or bad smell was perceptible. The denser portion of the filth is carried away through large drains beneath the sidewalks.

The sidewalks are excellent, and exhibit no signs of dampness, while the walls of the archway are kept whitewashed, and are at all times as white as the driven snow. The structure possesses the properties of an immense speaking tube, the workmen being able to converse at the distance of two miles from each other. The echo is very strong and lasting. The fabric is said to be built after a model of the sewers of Rome.
A HUSBAND'S CONFESSION.

BY TOM BROWN.

I never undertook but once to set at naught the authority of my wife: 'You know her way, cool, quiet, but determined as ever grew.' Just after we were married and all was going nice and cozy she got me into the habit of doing all the churning. She never asked me to do it, you know, but then she—why it was done just in this way. She finished breakfast rather before me one morning, and slipped away from the table, she filled the churn with cream, and sat it just where I couldn't help seeing what it was: I wanted. So I took hold regularly enough, and churned till the butter came. She did not thank me but looked so nice and sweet about it, that I felt well paid. Well, when the next churning day came along, she did the same thing, and I followed suit and fetched the butter. Again and again it was done just so, and I was regularly in for it every time. Not a word said, you know, of course. Well, by and bye, this began to be rather irksome, I wanted she should just ask me, but she never did, and I couldn't say anything about it to save my life, and so on we went. At last I made a resolve that I would not churn another time, unless she asked me. Churning-day
modeling the system(s) of nineteenth-century print culture
The Growth of the US and Its Newspapers
Historical, Demographic, Economic, and Social Data: The United States, 1790-2002

Principal Investigator(s): Haines, Michael R.; Inter-university Consortium for Political and Social Research

Summary: This data collection contains detailed county and state-level ecological and descriptive data for the United States for the years 1790 to 2002. Parts 1-43 are an update to HISTORICAL, DEMOGRAPHIC, ECONOMIC, AND SOCIAL DATA: THE UNITED STATES, 1790-1970 (ICPSR 0003). Parts 1-41 contain data from the 1790-1970 censuses. They include extensive information about the social and political character of the United States, including a breakdown of population by state, race, nationality, number of families... (view details)

Persistent URL: http://dx.doi.org/10.3886/I002896.v3

Access Notes
- These data are available only to users at ICPSR member institutions. You will be asked to log in prior to downloading the data.

What Can I Do With This Collection?
- Explore
  - View study description
  - Browse documentation files (login not required)
  - View related literature (-72)
  - View related literature for the entire series
John Greenleaf Whittier, "The Huskers" (poem)
Charles Mackay, “The Inquiry” (poem)
“Affectionate Spirit”
(parental advice/vignette)
“Influence of a Newspaper” (anecdote/oped)
<table>
<thead>
<tr>
<th>Piece</th>
<th># of reprints discovered</th>
<th>Population within 5 miles (v. approx)</th>
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<tr>
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<td>30</td>
<td>634,499</td>
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<tr>
<td>Mackay, “The Inquiry”</td>
<td>30</td>
<td>609,709</td>
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<tr>
<td>“Affectionate Spirit”</td>
<td>29</td>
<td>419,689</td>
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<td>“Influence of a Newspaper”</td>
<td>32</td>
<td>554,083</td>
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<tr>
<td>John Brown Speech</td>
<td>24</td>
<td>465,266</td>
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News:  "Digging into Data in the Humanities, Day 1," Chronicle of Higher Education, Wired Campus, June 10, 2011 | Digging into Data Project Site Launched--The Aurora Engine, February 2011 | NEH Awards Digging into Data grant, December 3, 2009 | more...

Apps:  | Aurora Software Engine--Spatio-Temporal Apps for Railroads | more...

Topics:  The 1877 Railroad Strike | Slavery and Southern Railroads | William Jennings Bryan's 1896 Campaign | Land Sales, Migration and Immigration | Railroad Work&mdash;Workers | more...

John Greenleaf Whittier
"The Huskers"

1847
"Affectionate Spirits"
(parenting advice)

1844
"John Brown's Speech"

1859
text & network modeling
Modeling the Text

- Quantitative evaluation of reprint detection and alignment
- Manual cluster construction, side information
- Language models of reprinted vs. non-reprinted texts (e.g. topic models)
- Conditioning language models on geographical and social features
- Modeling and detecting finer-grained genres
Reading Fast & Slow

• Classify texts w/median lag < 1 yr, > 5 yrs

• L1 logistic regression (similar results with linear regression on log lag)
Reading Fast & Slow

- Classify texts w/median lag < 1 yr, > 5 yrs
- L1 logistic regression (similar results with linear regression on log lag)

“Fast” terms

<table>
<thead>
<tr>
<th>texa</th>
<th>whig</th>
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<tbody>
<tr>
<td>mexitco</td>
<td>mate</td>
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<tr>
<td>pilis</td>
<td>prices</td>
</tr>
<tr>
<td>taylor</td>
<td>goods</td>
</tr>
<tr>
<td>tariff</td>
<td>corpse</td>
</tr>
<tr>
<td>governmen</td>
<td>cases</td>
</tr>
<tr>
<td>board</td>
<td>general</td>
</tr>
<tr>
<td>effect</td>
<td>public</td>
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</table>
## Reading Fast & Slow

- Classify texts w/median lag < 1 yr, > 5 yrs
- L1 logistic regression (similar results with linear regression on log lag)

<table>
<thead>
<tr>
<th>“Fast” terms</th>
<th>“Slow” terms</th>
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</thead>
<tbody>
<tr>
<td>texas</td>
<td>love</td>
</tr>
<tr>
<td>mexico</td>
<td>young</td>
</tr>
<tr>
<td>pills</td>
<td>earth</td>
</tr>
<tr>
<td>taylor</td>
<td>1840</td>
</tr>
<tr>
<td>tariff</td>
<td>awoke</td>
</tr>
<tr>
<td>government</td>
<td>fine</td>
</tr>
<tr>
<td>board</td>
<td>silence</td>
</tr>
<tr>
<td>effect</td>
<td>benevolence</td>
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<td></td>
<td>public</td>
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<tr>
<td></td>
<td>soul</td>
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<td></td>
<td>sweet</td>
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<td></td>
<td>grant</td>
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<td></td>
<td>behold</td>
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<td></td>
<td>bright</td>
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<tr>
<td></td>
<td>woman</td>
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<td></td>
<td>things</td>
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### Cladistics/Stemmatology

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<th>Date</th>
<th>Description</th>
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<tbody>
<tr>
<td>1841-04-17</td>
<td>soft answer ny t s arthur ill give him law to his hearts content the scoundrel said mr singleton walking backwards and forwards</td>
</tr>
<tr>
<td>1847-02-05</td>
<td>soft aasffch bv t s arthuit 1 4 ill give him law to his hearts coii ent fhe scoundrel said mr singleton walking backwards and forwards</td>
</tr>
<tr>
<td>1847-05-04</td>
<td>soft answer by t s arthur ill ffive him inw to his hearts content the scoundrel said singleton walking bick ward and forward</td>
</tr>
<tr>
<td>1847-07-22</td>
<td>soft answer ey t s arthur ill give him law to his hearts content the scoundrep said singleton walking backward and forward</td>
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</tbody>
</table>
Cladistics/Stemmatology

1841-04-17  soft answer ny t s arthur ill give him law to his
Sunbury    hearts content the scoundrel said mr singleton walking
American  backwards and forwards

1847-02-05  soft aasffch bv t s arthuit 1 4 ill give him law to his
Anti-      hearts coii ent the scoundrel said mr single on walking
slavery    backwards and forwards
bugle

1847-05-04  soft answer by t s arthur ill ffive him inw to his
Somerset   hearts content the scoundrel said singleton walking
herald     bick ward and forward

1847-07-22  soft answer ey t s arthur ill give him law to his
Vermont    hearts content the scoundrep said singleton walking
watchman   backward and forward
<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Text</th>
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<tbody>
<tr>
<td>1841-04-17</td>
<td>Sunbury American</td>
<td>Soft answer ny t s arthur ill give him law to his hearts content the scoundrel said mr singleton walking backwards and forwards</td>
</tr>
<tr>
<td>1847-02-05</td>
<td>Anti-slavery bugle</td>
<td>Soft aasffch bv t s arthuit 1 4 ill give him law to his hearts content the scoundrel said mr singleton walking backwards and forwards</td>
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<tr>
<td>1847-05-04</td>
<td>Somerset herald</td>
<td>Soft answer by t s arthur ill five him inw to his hearts content the scoundrel said singleton walking bick ward and forward</td>
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<tr>
<td>1847-07-22</td>
<td>Vermont watchman</td>
<td>Soft answer ey t s arthur ill give him law to his hearts content the scoundrel said singleton walking backward and forward</td>
</tr>
</tbody>
</table>
Cladistics/Stemmatology

1841-04-17
Sunbury
American

soft answer ny t s arthur ill give him law to his
hearts content the scoundrel said mr singleton walking
backwards and forwards

1847-02-05
Anti-slavery
bugle

soft aasffch bv t s arthuit 1 4 ill give him law to his
hearts coii ent fhe scoundrel said mr single on walking
backwards and forwards

1847-05-04
Somerset
herald

soft answer by t s arthur ill ffive him inw to his
hearts content the scoundrel said singleton walking
bick ward and forward

1847-07-22
Vermont
watchman

soft answer ey t s arthur ill give him law to his
hearts content the scoundrep said singleton walking
backward and forward

Missing bridge text?
OCR errors
Editorial changes
Modeling the Network

- Correlate reprinting links to geographical, political, religious affinities
- Natural experiments: new railroads, postal laws, ideological realignments
- Epidemiological models: saturation and newly “susceptible” readers
Central U.S. Newspapers (based on top 10,000 viral texts)
Central U.S. Newspapers
(based on top 10,000 viral texts)
Central U.S. Newspapers
(based on top 10,000 viral texts)
next steps
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<th>Editor</th>
<th>Tags</th>
<th>Circulation</th>
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<tr>
<td>27</td>
<td>Anderson Intelligencer</td>
<td>1860</td>
<td>James A. Hoyt, W.W. Humphreys</td>
<td>Democrat</td>
<td>weekly</td>
<td>1920 Pettengill's, 187</td>
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<td>1861</td>
<td>James A. Hoyt</td>
<td>Democrat</td>
<td>weekly</td>
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<td>Anderson Intelligencer</td>
<td>1877</td>
<td>Edward Bobo Murray</td>
<td>Democrat</td>
<td>weekly</td>
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<td>27</td>
<td>Anderson Intelligencer</td>
<td>1888</td>
<td>J.F. Clinkscales, Charles C. Langston</td>
<td>Democrat</td>
<td>weekly</td>
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<td>3</td>
<td>Anti-Slavery Bugle</td>
<td>1845</td>
<td>Benjamin S. Jones, J. Elizabeth Hitchcock</td>
<td>abolitionist</td>
<td>weekly railroad</td>
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<td>3</td>
<td>Anti-Slavery Bugle</td>
<td>1849</td>
<td>Oliver Johnson</td>
<td>abolitionist</td>
<td>weekly</td>
<td>1500 Frederick Doug 1842-1852</td>
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<tr>
<td>3</td>
<td>Anti-Slavery Bugle</td>
<td>1851</td>
<td>Marius R. Robinson</td>
<td>abolitionist</td>
<td>weekly</td>
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<tr>
<td>3</td>
<td>Anti-Slavery Bugle</td>
<td>1859</td>
<td>Benjamin S. Jones</td>
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<td>weekly</td>
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<td>4</td>
<td>Ashtabula Weekly Telegraph</td>
<td>1849</td>
<td>Nathan W. Thayer</td>
<td>Whig</td>
<td>weekly</td>
<td></td>
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<td>4</td>
<td>Ashtabula Weekly Telegraph</td>
<td>1851</td>
<td>Nathan W. Thayer; A.M. Wright</td>
<td>Whig?</td>
<td>weekly</td>
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<tr>
<td>4</td>
<td>Ashtabula Weekly Telegraph</td>
<td>1852</td>
<td>Nathan W. Thayer; A.M. Wright</td>
<td>Whig?</td>
<td>weekly</td>
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<td>4</td>
<td>Ashtabula Weekly Telegraph</td>
<td>1856</td>
<td>James Reed</td>
<td>Republican</td>
<td>weekly</td>
<td>1000+ <a href="http://ohsweb.ohiohistory.org/title=Ashtabula">http://ohsweb.ohiohistory.org/title=Ashtabula</a></td>
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<tr>
<td>4</td>
<td>Ashtabula Weekly Telegraph</td>
<td>1873</td>
<td>James Reed, James Reed Jr.</td>
<td>Republican</td>
<td>weekly</td>
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<td>4</td>
<td>Ashtabula Weekly Telegraph</td>
<td>1874</td>
<td>James Reed, James Reed Jr.</td>
<td>Republican</td>
<td>weekly</td>
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<tr>
<td>4</td>
<td>Ashtabula Weekly Telegraph</td>
<td>1880</td>
<td>James Reed, James Reed Jr.</td>
<td>Republican</td>
<td>weekly</td>
<td></td>
</tr>
</tbody>
</table>

**Ashtabula Weekly Telegraph**
- Founded 1849 by Nathan W. Thayer
- Definitely Whig: “Firmly sustained by the Whigs of Ashtabula, and the advocate of their principles; ... A family and agricultural paper.”
- Merged in 1852 with Painesville Free Press to become Ashtabula Telegraph and Lake Co. Free Press (PFP was Whig; not sure of the merged paper’s politics)
- James Reed, 1856, made paper’s motto “Independent in All Things” but the paper supported the Union during the Civil War (source: Ohio Historical Society)
- Ashtabula was highly Republican during Civil War, involved in Underground Railroad
- Ashtabula: on Lake Erie, major iron and coal port; dairy country (source: Ohio Historical Society)
- Railroad didn’t come to Ashtabula until 1863
- NYAP first mention, February 26, 1859
- Possibly merged with a number of other newspapers postbellum, but no name changes so it’s hard to track down
Abby Mullen (@abbymullen)

Matthew Williamson (@dhperson)
Source Analysis

U.S. Grant *Personal Memoirs*

Paraphrase

General Worth observed the effect of the howitzer, and was so pleased with it that he sent one of the staff, Lieutenant Pemberton (who was afterwards a lieutenant-general in the Confederacy), to bring Lieutenant Grant to him. He said the howitzer in the church steeple was doing great service, and ordered a captain of voltigeurs to report to Grant with another howitzer for a similar service. The fact is,

Direct quotation

"I did not tell the General that there was not room enough in the steeple for another gun," says Grant, "because he probably would have looked upon such a statement as a contradiction from a second lieutenant."
Tracking Policy Ideas

(a) In general—Section 1002(a) Section 1018 of the Controlled Substances Import and Export Act (21 U.S.C. 852(a)) as amended by section 716(a)(4) of this title, is amended—further amended by adding at the end the following subsection:

(1) in the matter preceding paragraph (1), by inserting “of” (b)(1) With respect to a regulated person importing ephedrine, pseudoephedrine, or phenylpropanolamine, after “schedule III, IV, phenylpropanolamine (referred to in this section as an ‘importer’), a notice of importation under subsection (a) or (b) shall include all information known to the importer on the chain of title and distribution of such chemical from the manufacturer to the importer;

(2) in paragraph (1), by inserting “and of ephedrine, pseudoephedrine, and phenylpropanolamine” after “coca leaves”;

(b) Information on Foreign Chain of Distribution, Import Restrictions Regarding Failure of Distributors to Cooperate—Section 1018 of the Controlled Substances Import and Export Act (21 U.S.C. 857) is amended by adding at the end the following subsection:

(f)(1) With respect to a registered person importing ephedrine, pseudoephedrine, or phenylpropanolamine (referred to in this section as an ‘importer’), a notice of importation under subsection (a) or (b) shall include all information known to the importer on the chain of distribution of such chemical from the manufacturer to the importer;

(2) For the purpose of preventing or responding to the diversion of ephedrine, pseudoephedrine, or phenylpropanolamine for use in the illicit production of methamphetamine, the Attorney General may, in the case of any person who is a manufacturer or distributor of such chemical in the chain of distribution referred to in paragraph (1) referred (which person is referred to in this subsection as a ‘foreign–chain distributor’), request that such distributor provide to the Attorney General information known to the distributor on the distribution of the chemical, including sales.

(3) If the Attorney General determines that a foreign–chain distributor is refusing to cooperate with the Attorney General in obtaining the information referred to in paragraph (2), the Attorney General may, in accordance with procedures that apply under subsection (c), issue an order prohibiting the importation of ephedrine, pseudoephedrine, or phenylpropanolamine in any case in which such distributor is part of the chain of distribution for such chemical. Not later than 60 days prior to issuing the order, the Attorney General shall publish in the Federal Register a notice of intent to issue the order. During such 60-day period, imports of the chemical with respect to such distributor may not be restricted under this paragraph.”.
Tracking Policy Ideas

Failed 2005 meth bill (Hooley, D-OR)
Tracking Policy Ideas

(a) in General Section 1002(a)Section 1018 of the Controlled Substances Import and Export Act (21 U.S.C. 852(a)(371)) as amended by section 716(a)(4) of this title is further amended by adding at the end the following subsection:

... (1) in the matter preceding paragraph (1), by inserting of (b)(1) With respect to a regulated person importing ephedrine, pseudoephedrine, or phenylpropanolamine; after "Schedule III...

Failed 2005 meth bill (Hooley, D-OR)

Successful 2005 Patriot Act reauth. (Sensenbrenner, R-WI)

72
nothing but the
the history of the
that if ever we did
parties would be so
for the defeat of an
the defeated party
deserved calamity,
war in which we
very likely to
a continent more
when it began,
stance of a purely
have even a
for the purpose of
pression, and not
retention of some
dest as independent
yn. If it be pos-
and America, it is
ce of doing so. It
is what we want.
length is what we
between two great
in prevent, or greatly
us, hopeless, and
civil war in charac-
tures of national
, it would seem
good opportunity
more a cordial
least if we may
other side of
events, unless the accounts from many quarters as to General
Schenck’s instructions are utterly belied, the new American
Ambassador will bring us quite reasonable, though not
perhaps wholly admissible demands,—demands which we
certainly ought to consider most gravely, and of which we
should do well to yield frankly and freely all that we should
ourselves feel called upon, in the same circumstances, to
press. If we do so, General Schenck’s mission may make
England safer and stronger than she has ever been since the
close of the Civil War in 1865, and will give her a reputation
for moderation and candour as well.

ENGLISH PUBLIC OPINION ON THE WAR.

Some of the philosophers should turn their attention from
the subject of spectroscopic investigations and the invention
of electrometers, galvanometers, hygrometers, and so forth,
to the far more difficult problem of inventing a mode of
measuring the intensity and diffusion of political wishes and
convictions. No task at present is more difficult for a States-
man than this. There are, indeed, all sorts of shades of
difference between the character of really prevalent and prepon-
derant public opinions, of which no man, however acute,
ever forms more than a purely conjectural impression, and of
which, nevertheless, any respectably-accurate measure would
be a matter of the highest political importance. For in-
stance, there is at times a public opinion on one side of a
question which is very widely diffused, but of very slight in-
tensity,—which, in fact, amounts to nothing more than
a wish in a particular direction without a will,
and still more without any intention of submitting
to a considerable sacrifice rather than not carry
out the will into action. Again, there is such a thing as
Thanks to:

NATIONAL ENDOWMENT FOR THE
Humanities

NULab
for texts, maps, & networks
follow the project’s development at viraltexts.org