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8-26-2020

Virtual DSS: Digital Humanities Toolkit for Remote Teaching

Molly Castro

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Welcome to the

VIRTUAL

Digital Scholar Studio

@FIU Libraries

dss.fiu.edu

DH Toolbox

Remote Teaching Edition!

Molly Castro, Digital Humanities Librarian
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OUTLINE

01 **What are the Digital Humanities?**

A very very brief overview

02 **Some Covid Considerations**

Digital tools best practices

03 **Hypothes.is**

For collaborative annotation

04 **Voyant**

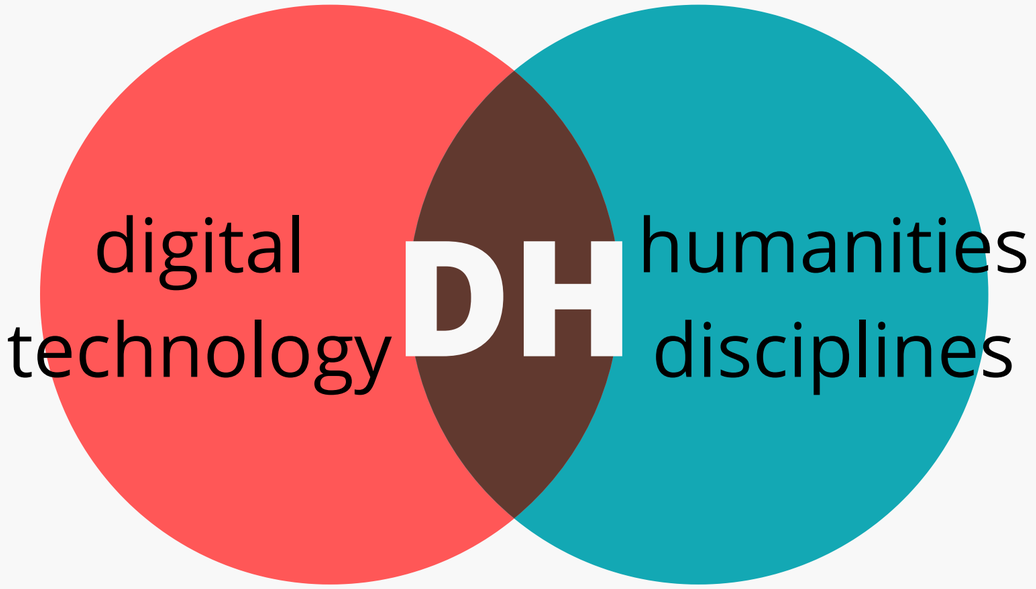
For text analysis

05 **TimelineJs**

For interactive media-rich timelines

06 **Questions**

And sharing!



What are the Digital Humanities?

It depends!

I see them as a community of practice straddling both digital technology and the humanities disciplines.

This spans from large funded projects in digital archiving to research in the history of computing to using tools like Zotero in our everyday research.

Why use DH tools in the classroom?

DH tools can encourage digital literacy, creativity, collaboration, personal agency, and tangible contribution to knowledge production.

And we are also relying HARD on the digital right now...

Considerations

For always, but especially relevant in Covid times.

01

Become comfortable with the tools before you unleash them on your students.

02

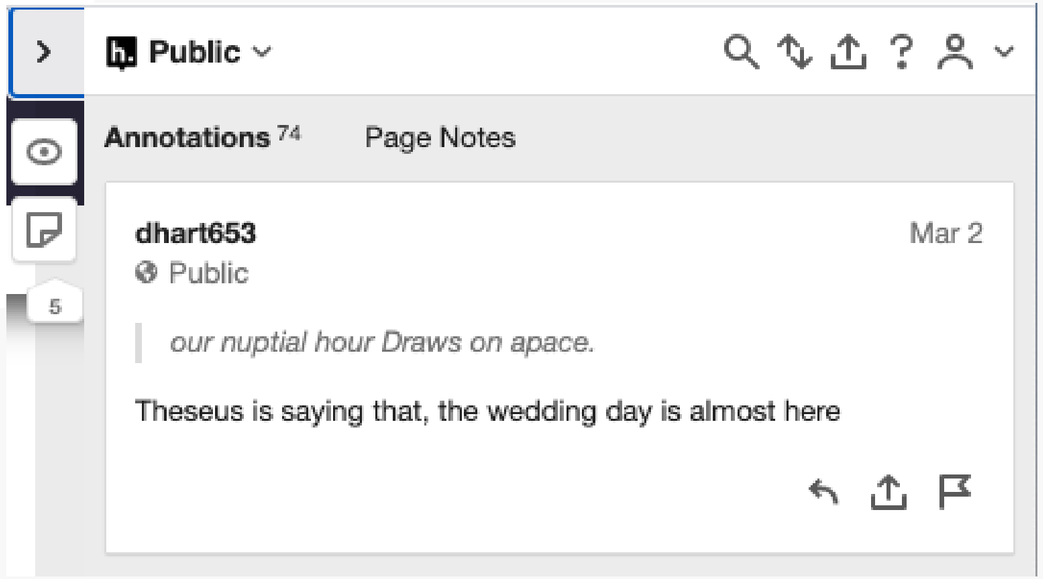
Let students opt out, or offer alternative ways to complete the assignment.

hypothes.is

Home

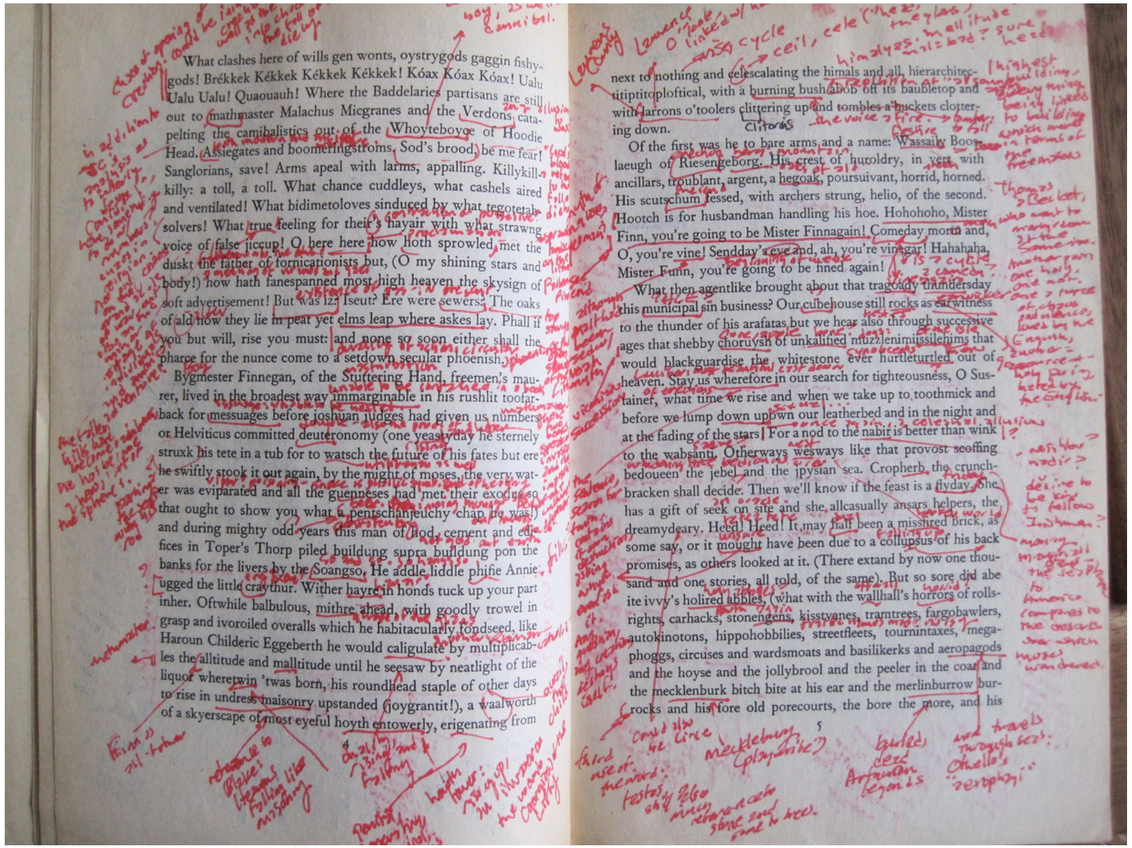
Hypothesis / dwhly

Hypothes.is is an open-source browser plug-in that allows you to annotate anything on the web.

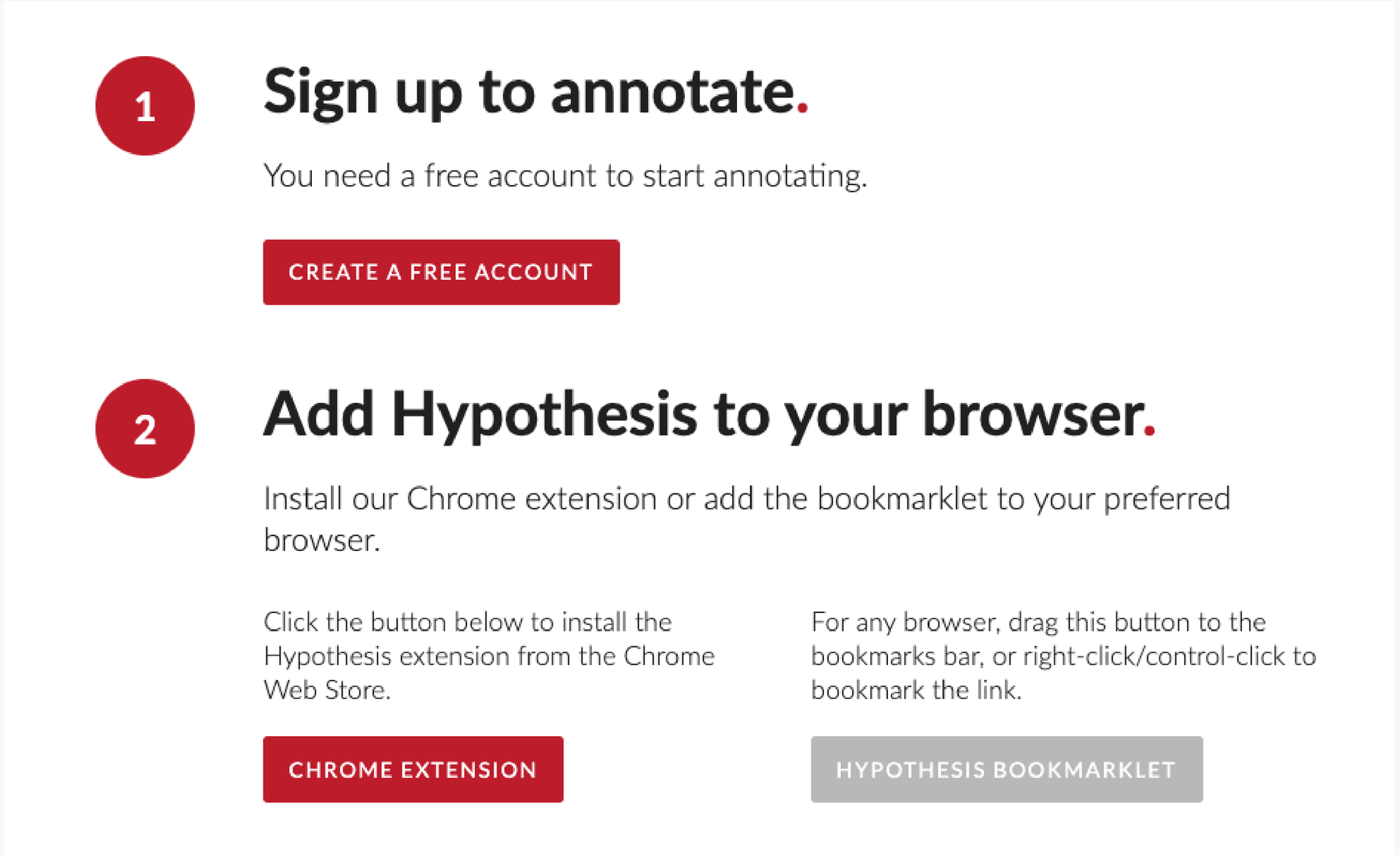


https://web.hypothes.is/start/

Why do we annotate?



"Annotations Finnegans Wake" by Medieval Karl on Flickr is licensed under CC BY-NC-SA 2.0



https://web.hypothes.is/start/

https://shakespeare.folger.edu/shakespeares-works/a-midsummer-nights-dream/act-1-scene-1/

The Folger SHAKESPEARE

READ DOWNLOAD CITE LISTEN API ABOUT

Search Folger Shakespeare

A Midsummer Night's Dream

「Scene 1」

Enter Theseus, Hippolyta, 「and Philostrate,」 with others.

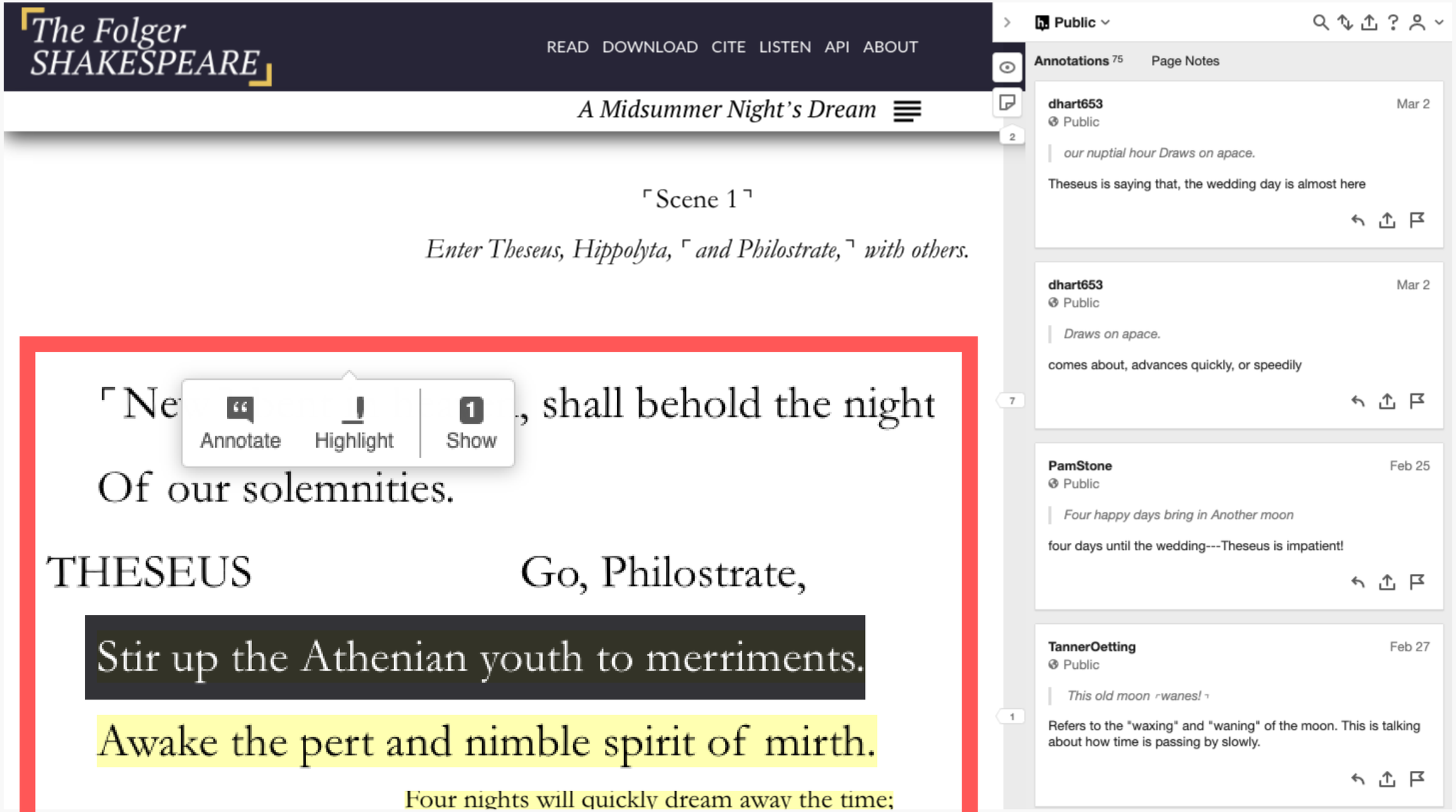
THESEUS

Now, fair Hippolyta, our nuptial hour
Draws on apace. Four happy days bring in
Another moon. But, O, methinks how slow
This old moon 「wanes!」 She lingers my desires
Like to a stepdame or a dowager
Long withering out a young man's revenue.

HIPPOLYTA

Four days will quickly steep themselves in night;
Four nights will quickly dream away the time;

https://shakespeare.folger.edu/shakespeares-works/a-midsummer-nights-dream/act-1-scene-1/



Hypothes.is works in layers

Public

Anyone, anywhere, can see and respond to your annotations.

Private

Annotate just for yourself by marking your annotations "Only me."

Private Groups

Create a group and share the link: https://hypothes.is/groups/zqAyKy9n/dh-toolkit-demo

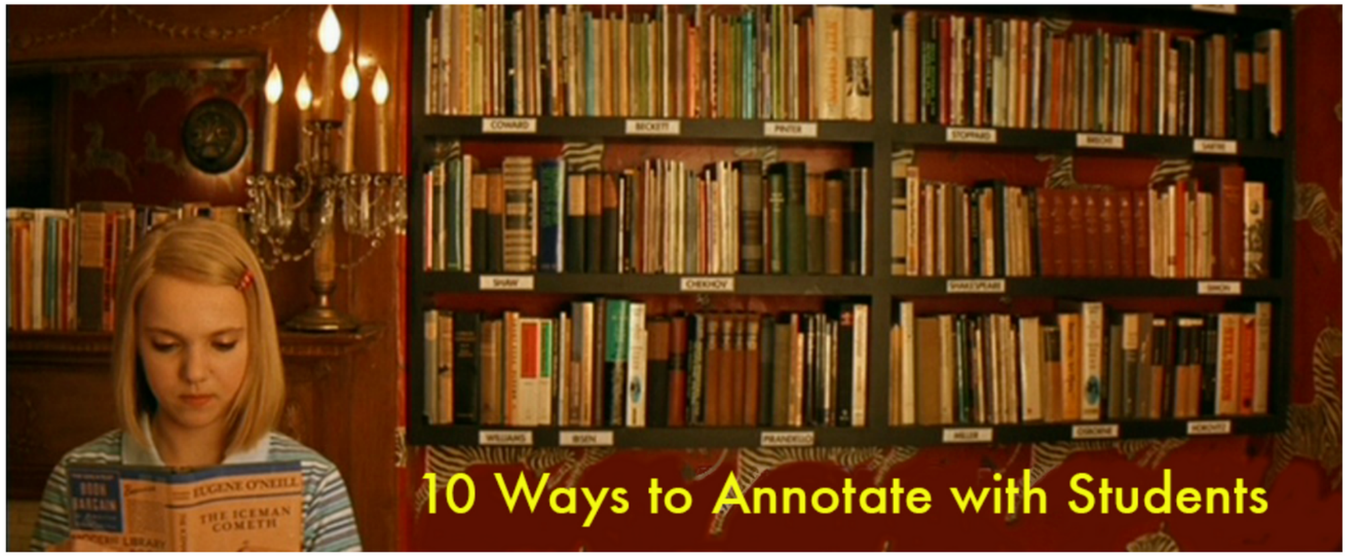
https://web.hypothes.is/blog/back-to-school-with-annotation-10-ways-to-annotate-with-students/

https://hypothes.is/groups/zqAyKy9n/dh-toolkit-demo

hypothes.is About Us In Action Blog Developers Help Paste a Link

Back to School with Annotation: 10 Ways to Annotate with Students

By Jeremy Dean | August 25th, 2015



It's back-to-school season and I find myself once again encouraging teachers to discuss course readings with their students using collaborative web annotation technologies like Hypothesis. Though relatively new to Hypothesis, I've been making this pitch for a few years now, but in conversations with educators

Public

MY GROUPS

Public

DH Toolkit demo

+ New private group

(May 27, 2016) May 27, 2016

e the annotation keyword

https://github.com/curateteaching/digitalpedagogy/blob/master/keywords/annotation.md

Show replies (1)

laurenzucker May 18, 2018
Public

Annotation: 10 Ways

This was a really great post! Thanks for writing it!

jeremydean *(edited Aug 26, 2015)* Aug 26, 2015
Public

> *but in conversations with educators of late I've come to realize that we often mean different things by the word "annotate."*

In particular, a recent NWP webinar with professors, teachers, and students about web annotation influenced some of my thinking here. Thanks to Erick Gordon, Adele Bruni, Nathan Blom, and Louis Lafair!

Show replies (2)

alixannlaws *(edited Oct 9, 2017)* Oct 9, 2017
Public

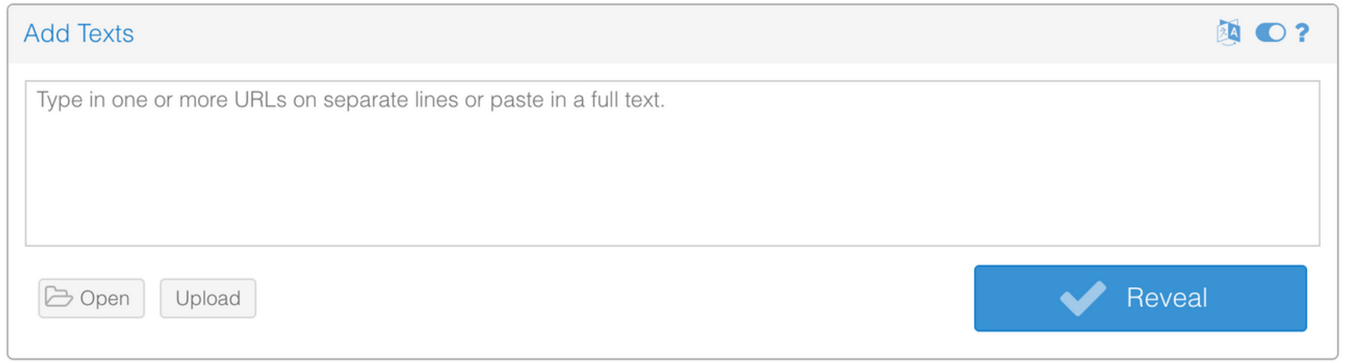
2

Ways to use Hypothes.is in the classroom

- Have students help each other understand a complex text
- Instructor pre-populates a text with questions or key points
- Have students annotate your lecture notes/slides
- Use annotation for a seminar-style discussion
- Tag key themes so they can be searched later
- Use multimedia in annotations

VOYANT

see through your text



Voyant Tools is a web-based reading and analysis environment for digital texts.

https://voyant-tools.org/

What is text analysis?

The practice of treating words and other textual elements as data.

For example, we might use algorithms to count word frequencies, co-occurrences, or to cluster statistically generated topics in a text or body of work.

It is sometimes referred to as "distant reading."

Voyant Tools

Cirrus | Terms | Links

Terms:

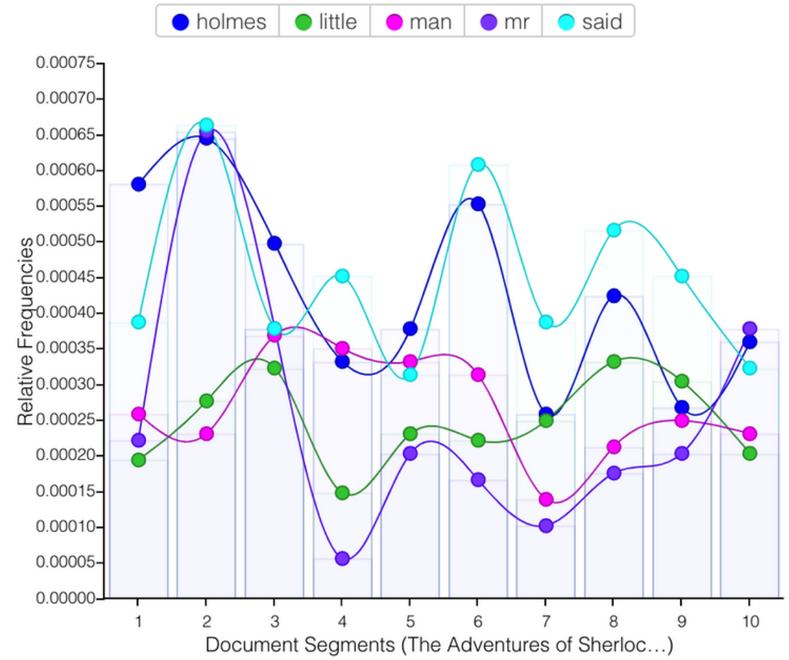
Reader | TermsBerry

The Adventures of Sherlock Holmes, by Arthur Conan Doyle

Project Gutenberg's The Adventures of Sherlock Holmes, by Arthur Conan Doyle THERE IS AN ILLUSTRATED EDITION OF THIS TITLE WHICH MAY VIEWED AT EBOOK [#48320] This eBook is for the use of anyone anywhere at no cost and with almost no restrictions whatsoever. You may copy it, give it away or re-use it under the terms of the Project Gutenberg License included with this eBook or online at www.gutenberg.net Title: The Adventures of Sherlock Holmes Author: Arthur Conan Doyle Release Date: November 29, 2002 [EBook #1661] Last Updated: May 20, 2019 Language: English Character set encoding: UTF-8 *** START OF THIS PROJECT GUTENBERG EBOOK THE ADVENTURES OF SHERLOCK HOLMES *** Produced by an anonymous Project Gutenberg volunteer and Jose Menendez

The Adventures of Sherlock Holmes by Arthur Conan Doyle Contents I. A Scandal in Bohemia II. The Red-Headed League III. A Case of Identity IV. The Boscombe Valley Mystery V. The Five Orange Pips VI. The Man with the Twisted Lip VII. The Adventure of the Blue Carbuncle VIII. The Adventure of the Speckled Band IX. The Adventure of the Engineer's Thumb X. The Adventure of the Noble Bachelor XI. The Adventure of the Beryl Coronet XII. The Adventure

Trends | Document Terms



Reset | Display

Summary | Documents | Phrases

This corpus has 1 document with 108,651 total words and 8,316 unique word forms. Created about an hour ago.

Vocabulary Density: 0.077

Average Words Per Sentence: 16.2

Most **frequent words** in the corpus: said (486); holmes (466); man (291); mr (275); little (269)

items:

Contexts | Bubblelines | Correlations

Document	Left	Term	Right
1) The …	servant girl?" "My dear Holmes,"	said	I, "this is too much
1) The …	together. "It is simplicity itself,"	said	he; "my eyes tell me
1) The …	came by the last post,"	said	he. "Read it aloud." The
1) The …	quarter to eight o'clock," it	said	, "a gentleman who desires to
1) The …	that is the very word,"	said	Holmes. "It is not an
1) The …	was made in Bohemia," I	said	. "Precisely. And the man who
1) The …	A pair, by the sound,"	said	he. "Yes," he continued, glancing
1) The …	and authoritative tap. "Come in!"	said	Holmes. A man entered who
1) The …	address. "Pray take a seat."	said	Holmes. "This is my friend

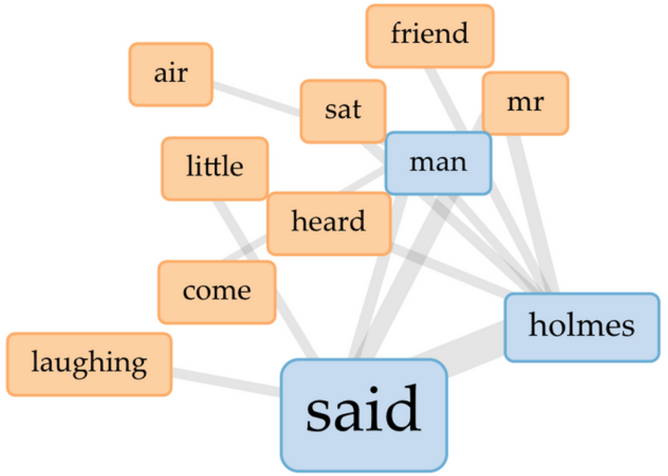
486 context | expand

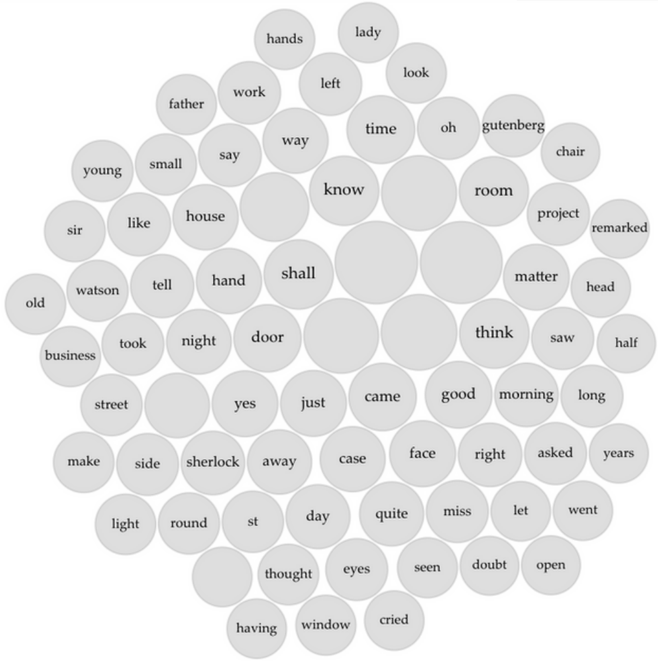
https://voyant-tools.org/

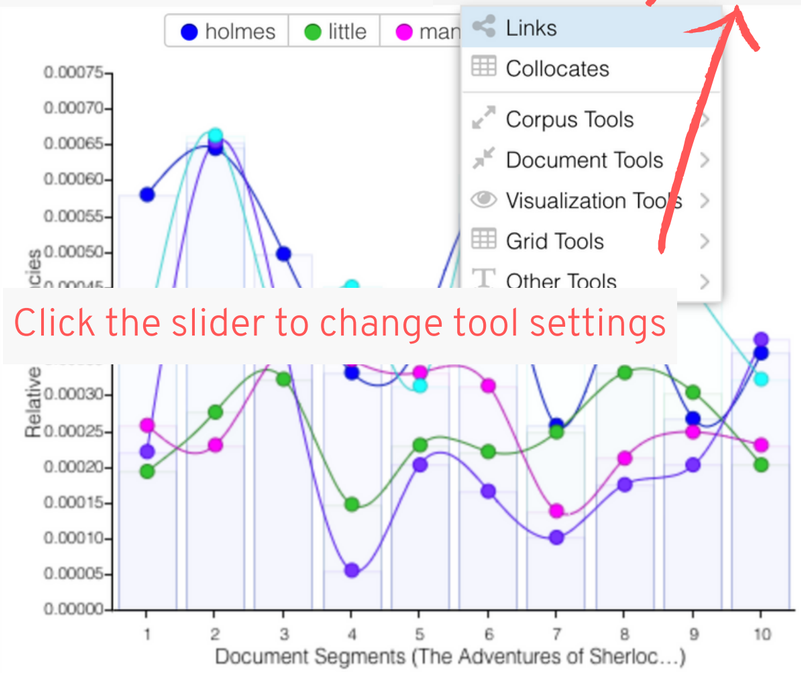
Voyant Tools

Cirrus | Terms | Links | Reader | TermsBerry

Click the "windows" to change tools





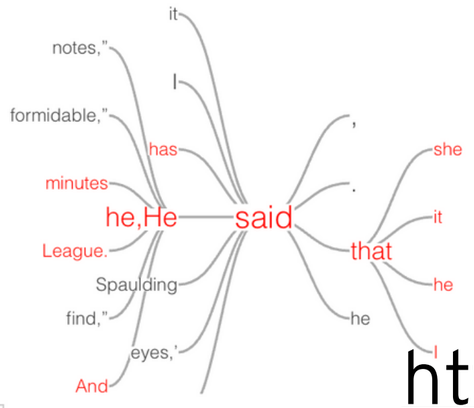


Click the slider to change tool settings

Clear | Context | Strategy | Terms: | Reset | Display

Click the question mark to learn about the tool

Bubblelines | Correlations | Collocates



Term	Collocate	Count (context)
said	holmes	128
mr	holmes	94
said	mr	39
mr	said	31
holmes	said	24
holmes	mr	23
mr	rucastle	22
man	said	19

limit | branches | context | 5,659 context

https://voyant-tools.org/

https://voyant-tools.org/?corpus=0e58198ebfbbdf9e4ed7145e260b36ea#

Voyant Tools , Stéfan Sinclair & Geoffrey Rockwell (© 2020) Privacy v. 2.4 (M54)

Voyant in the {virtual} classroom

01

Have students play

Ask them if they got results they were expecting from the text or from different tools. What trends and patterns emerge?

02

Have them look at their own writing

Loading their own essays into Voyant can be eye opening for the revision process!

03

Use Voyant to generate search terms

Put a core class reading into Voyant to discover keywords for further research -- see lesson here: https://lessonplans.dwrl.utexas.edu/content/building-word-clouds-generate-search-terms.html

Voyant in the {virtual} classroom

04

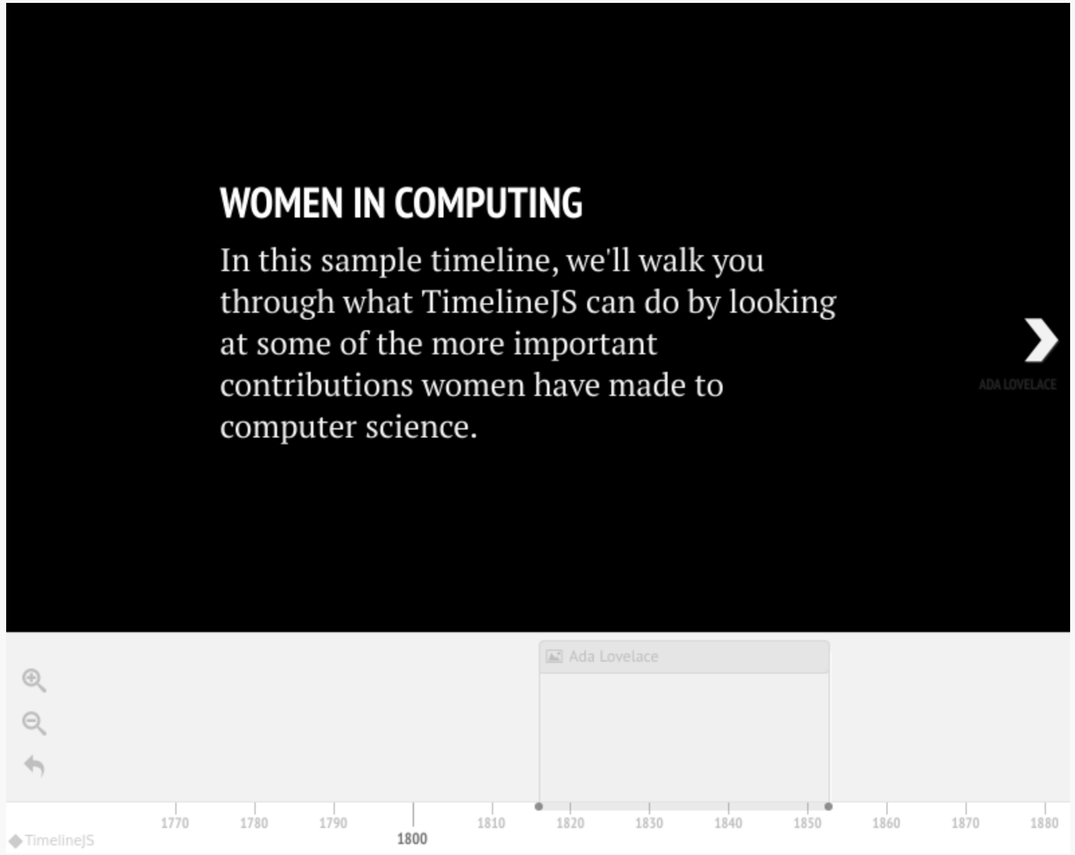
To supplement close reading

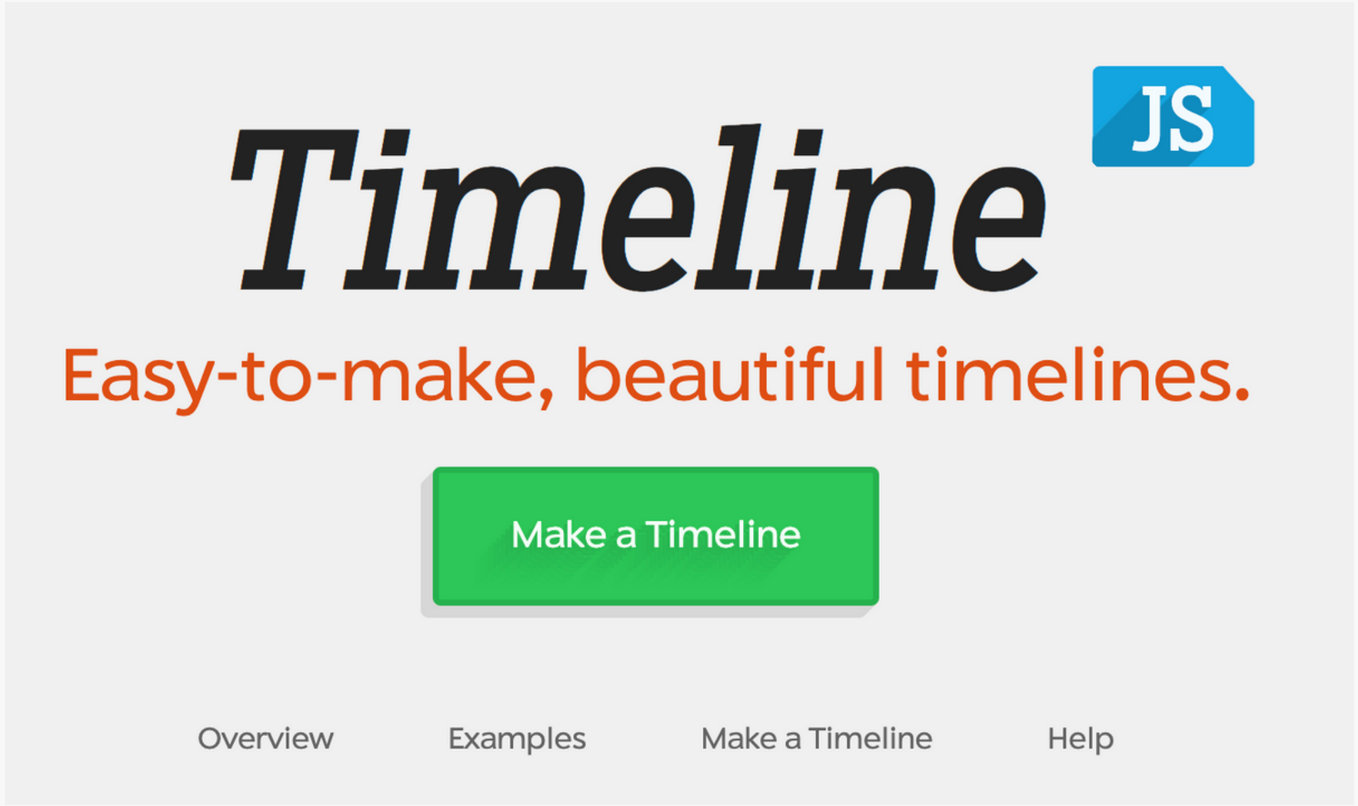
Using small segments of text can help pull out key points--see lesson here: https://amplabfau.wordpress.com/2018/04/16/voyant-tools-close-reading/

05

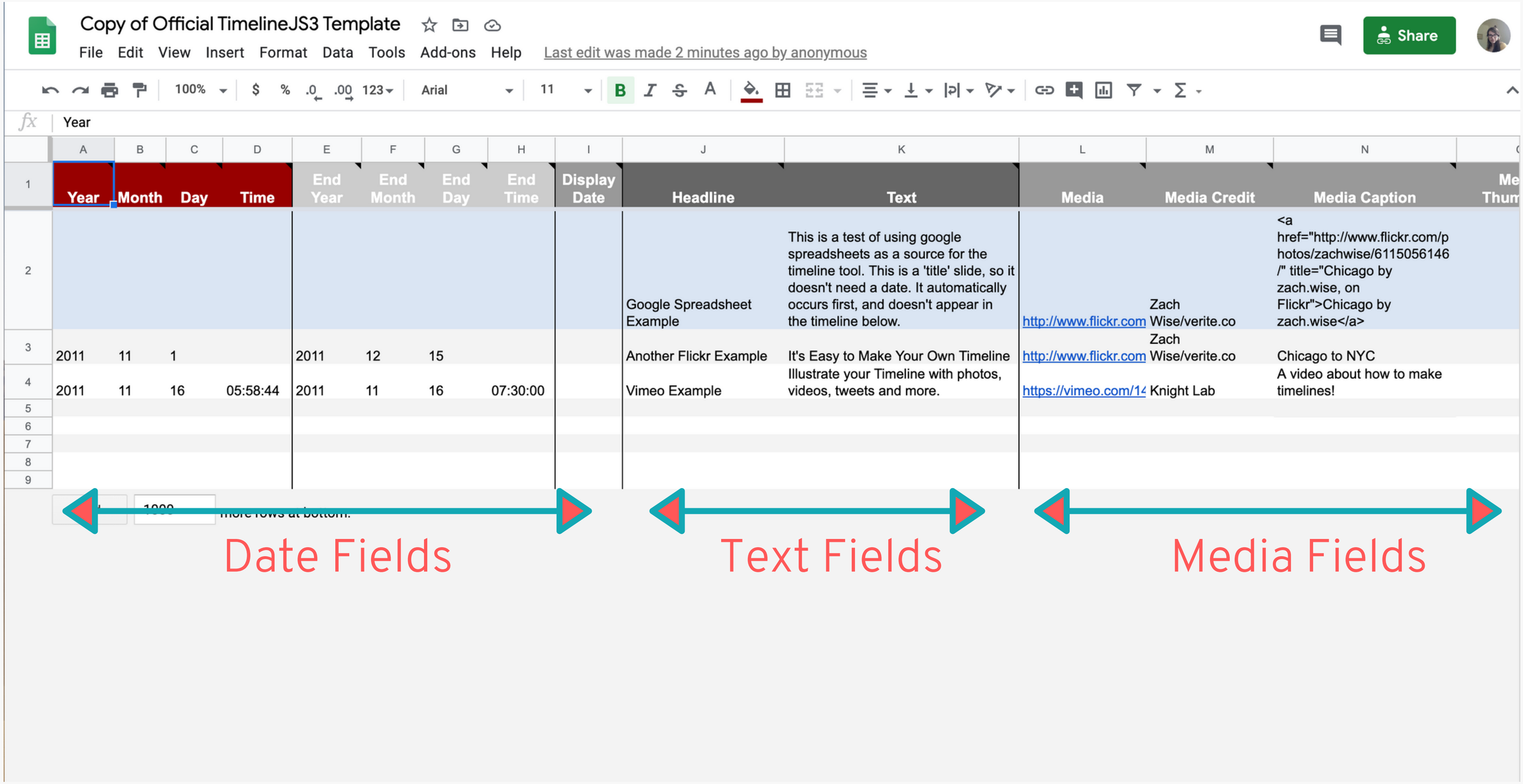
Upload multiple texts

To see trends in a particular genre or authors work--see lesson here: https://hfroehli.ch/2019/04/22/usi





https://timeline.knightlab.com/


Copy of Official TimelineJS3 Template
File Edit View Insert Format Data Tools Add-ons Help
Last edit was made 2 minutes ago by anonymous
Share
Year
Year Month Day Time End Year End Month End Day End Time Display Date Headline Text Media Media Credit Media Caption
Google Spreadsheet Example
This is a test of using google spreadsheets as a source for the timeline tool. This is a 'title' slide, so it doesn't need a date. It automatically occurs first, and doesn't appear in the timeline below.
http://www.flickr.com
Zach Wise/verite.co
Chicago by zach.wise
2011 11 1 2011 12 15
Another Flickr Example
It's Easy to Make Your Own Timeline
http://www.flickr.com
Zach Wise/verite.co
Chicago to NYC
2011 11 16 05:58:44 2011 11 16 07:30:00
Vimeo Example
Illustrate your Timeline with photos, videos, tweets and more.
https://vimeo.com/14
Knight Lab
A video about how to make timelines!
Date Fields
Text Fields
Media Fields

TimelineJS ideas

- **A short "in-class" assignment**

  Make a collective Timeline and have students add one thing about the history of your class topic.

- **A semesters-long continuous timeline**

  Students add entries throughout the semester, providing context for readings on the syllabus-- https://hcommons.org/deposits/item/hc:31089/

- **A timeline that spans multiple semesters**

  Students add to a timeline started by previous classes-- https://www.chronicle.com/article/a-pedagogy-that-spans-semesters/

- **A Final Project**

  Students have a choice to submit a timeline in lieu of a paper-- https://threadreaderapp.com/thread/1278082153461567490.html

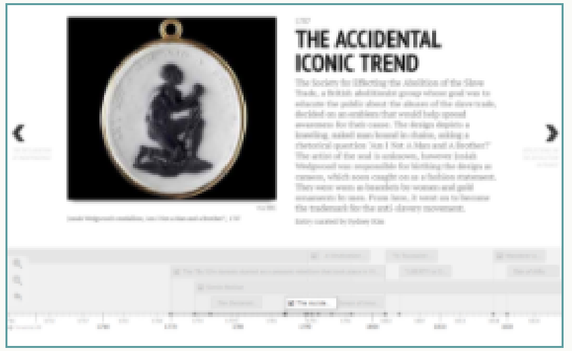
ARTIFACT NAME

World Literature Timeline

CURATORIAL NOTE

Incorporating digital projects into humanities survey courses can be a challenge, as covering a wide range of material is the primary mission of the course. In this assignment, the Timeline project assists with the heavy lifting of providing historical context for the works on the syllabus and gives students exposure to thinking about information as data, doing research in online databases, and reflecting on the process of producing their contribution. *TimelineJS*, part of the Knight Lab Storytelling toolkit, uses a *Google Sheets* template to feed into the Timeline platform, so students need not learn to code to produce a visually compelling end product. The assignment adapts the University of Oregon FERPA release to give students the option of completing the assignment anonymously or offline. Students are given agency in how they complete the assignment and ownership of their contribution to the final product.

—Spencer D. C. Keralis, Pamela Andrews



Sydney Kim, timeline-entry creator, *University of North Texas*

Spencer D. C. Keralis, *University of Illinois at Urbana-Champaign*

Labor

Assignment

Data, Getting started, History, Open, Practice, Reflection, Student agency, Tool

Timeline, Assignment

HC View the CORE deposit

https://digitalpedagogy.hcommons.org/keyword/Labor

READ LESS

TimelineJS Workshop

RSVP at https://go.fiu.edu/timelinejs

Coming up 9/23:
ArcGIS StoryMaps Workshop

Questions?

and additional resources, again:
https://docs.google.com/document/d/10PM9h5cXYIyaI67aS84m4FKW3UUyj0xEfIK7L1nXzAk/edit?usp=sharing

Get in touch with me

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mocastro@fiu.edu

Website

dss.fiu.edu

Schedule a consultation with me!

https://calendly.com/mocastro-fiu