Mar 25th, 10:00 AM - 12:20 PM

Learn-STATIC: Innovative Digital Humanities Pedagogy With Static Web Technologies

Olivia Wikle
University of Idaho, omwikle@uidaho.edu

Evan Williamson
University of Idaho, ewilliamson@uidaho.edu

Kate Thornhill
University of Oregon Libraries, kmthorn@uoregon.edu

Gabriele Hayden
University of Oregon Libraries, ghayden@uoregon.edu

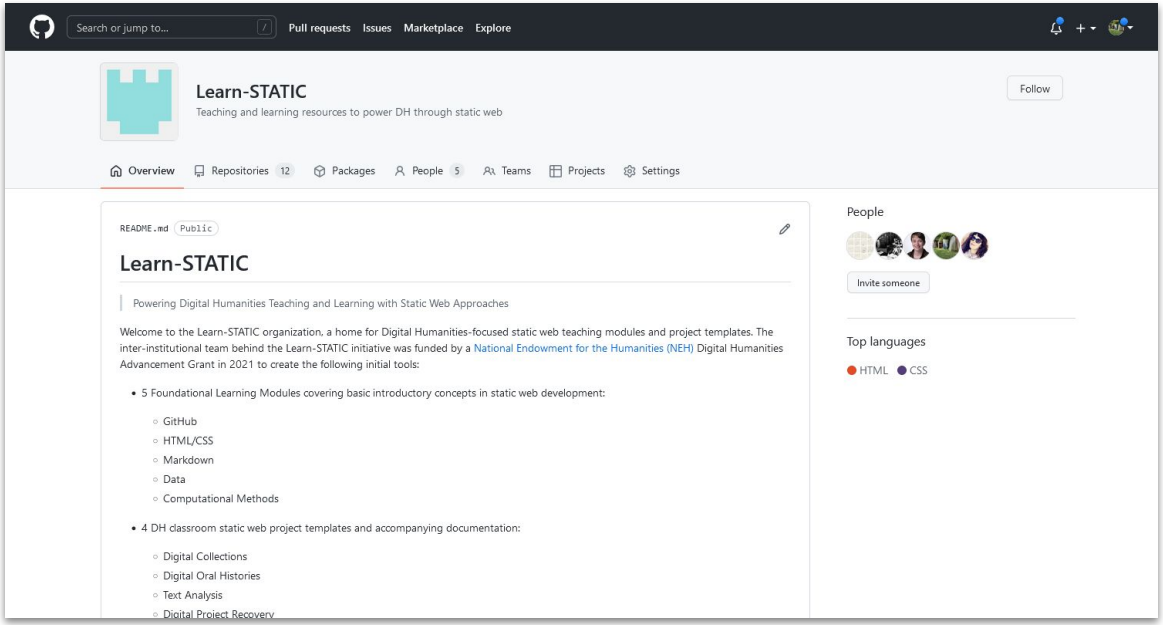
Learn-Static:

Innovative Digital Humanities Pedagogy With Static Web Technologies

Online Northwest, March 2022

Olivia Wikle and **Evan Peter Williamson**, University of Idaho
Kate Thornhill and **Gabriele Hayden**, University of Oregon

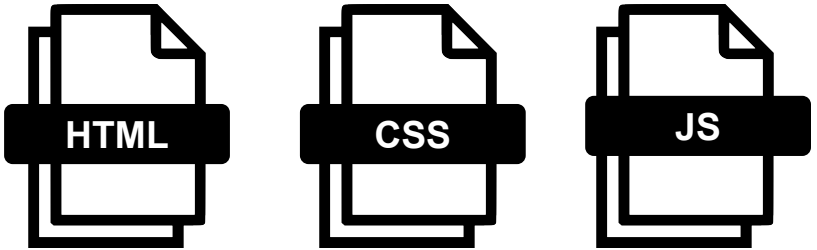
Learn-Static



https://github.com/learn-static

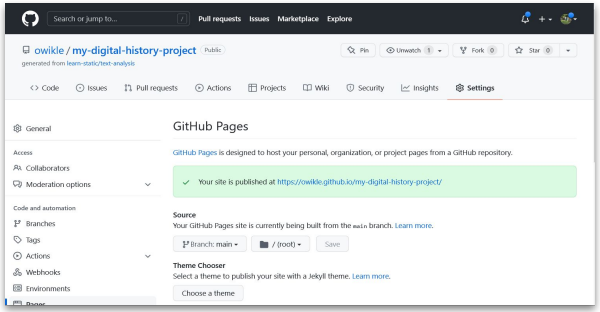
What is Static Web?

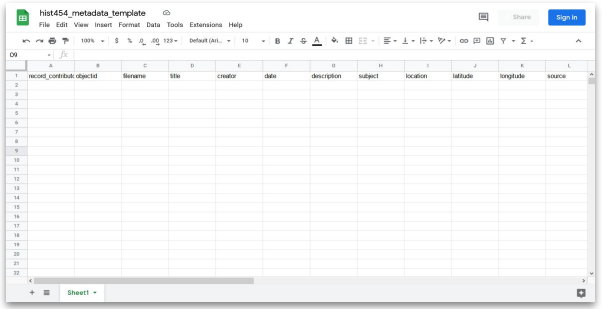
- Minimal infrastructure
- High performance
- Preservation-ready



Why Are Static Web Tools Useful in the Classroom?

- **Sustainable**: minimal setup and maintenance matches project cycles
- **Reuseable**: open formats and platforms enable adaption
- **Customizable**: modify template and framing to meet learning goals and build unique projects
- **Transferable technical skills**: learn fundamentals, not platforms





Learn-Static Grant Activities

- **Personnel**
  - Librarians + English and History faculty at University of Idaho and University of Oregon
- **Timeline**
  - September 2021 - August 2022
- **Outputs**
  - 5 Foundational Learning Modules
  - 1 Workshop Template
  - 4 Learning Sequences

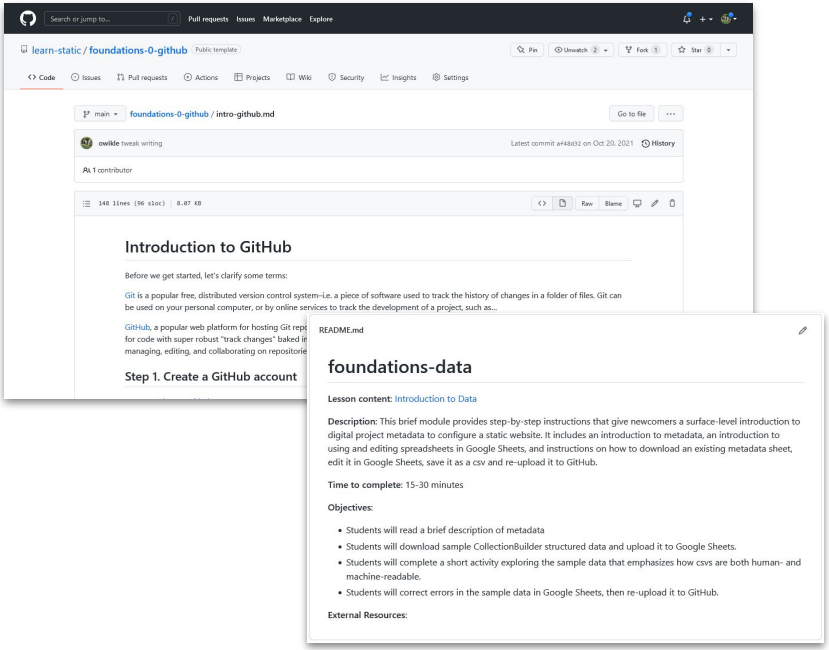
Learn-Static Grant Activities

- **Piloting**
  - Classrooms / Workshops
  - Spring 2022
- **Feedback & assessment**
  - Student/instructor feedback
  - Advisory Board review and feedback
  - Summer Convening, 2022

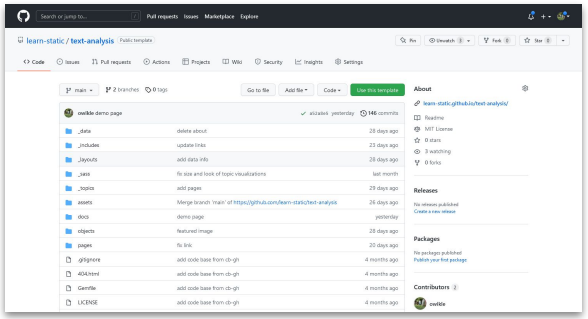
Foundational Learning Modules

- GitHub Basics
- HTML/CSS
- Markdown
- Data Concepts
- Computational Methods

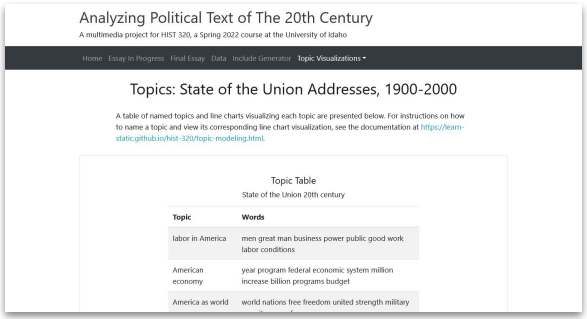
- *Example Use Case: Workshop*



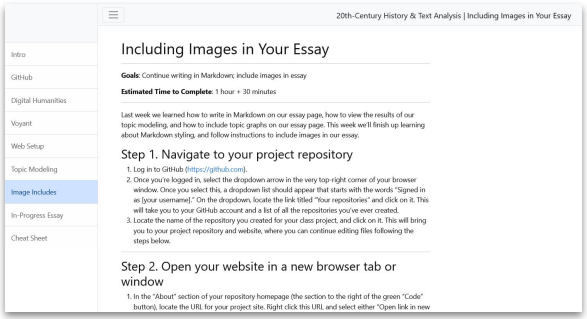
Learning Sequences



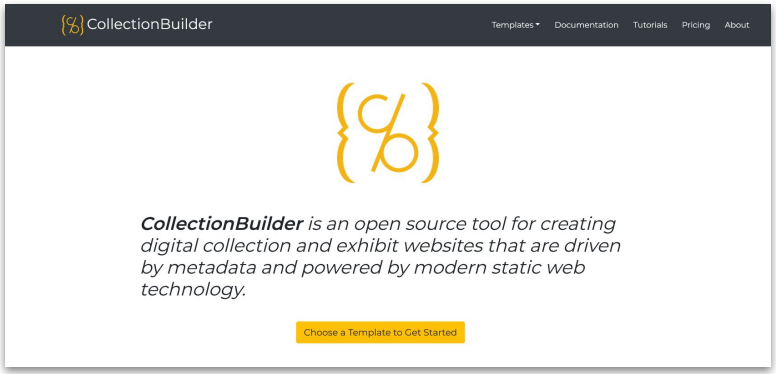
Project Template on GitHub



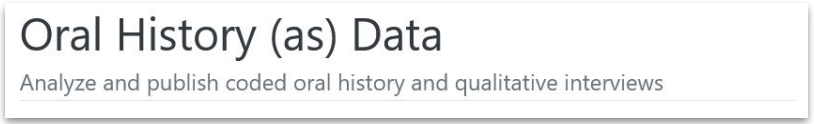
Demo Website

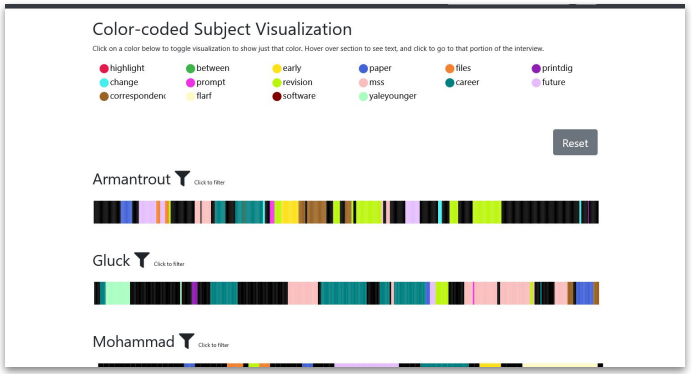


Project Documentation



https://collectionbuilder.github.io/





https://uidaholib.github.io/oral-history-as-data/

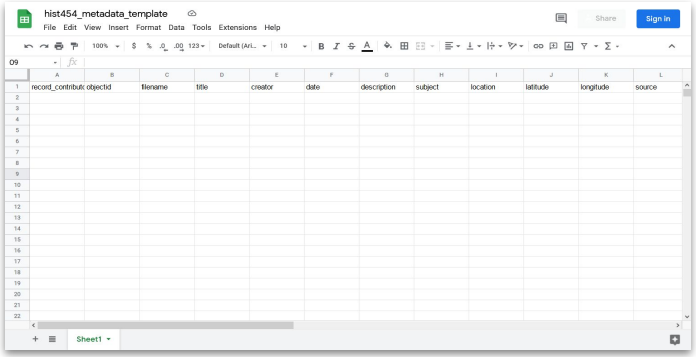
Learning Sequence: *Digital Collections*

- Students create and curate a digital collection
- Focus on:
  - Digitization, metadata, multimodal essays, web publishing
- Built on CollectionBuilder-Sheets framework

https://thecdil.github.io/hist-454-2022/

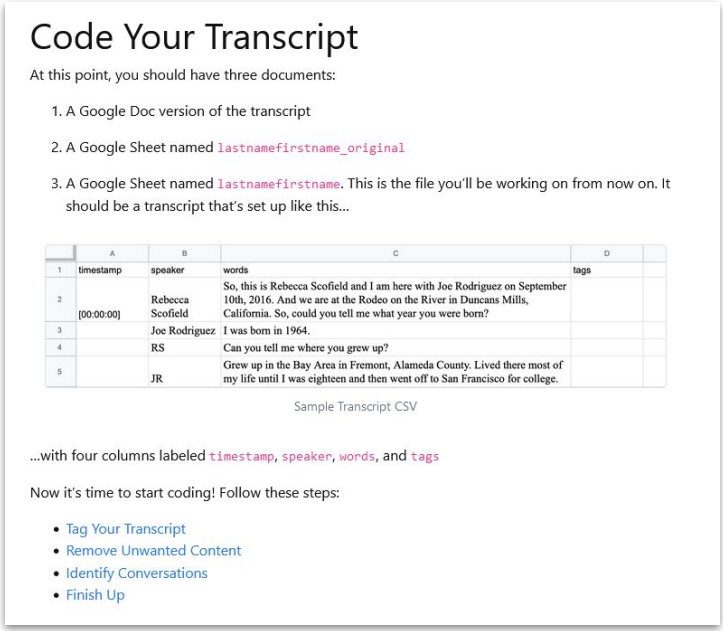
Learning Sequence: *Digital Project Recovery*

- Students build a digital collection using community-sourced data while emphasizing the preservation and reusability of that data
    - Real-world use: outreach about environmental injustices that have historically happen in Lane County, OR
- Focus on:
    - Data dictionaries, data entry, cleaning, and clean-up
    - Writing for the web: templated multimodal essays
- Built on CollectionBuilder-GH framework



Learning Sequence: *Digital Oral Histories*

- Students encode an oral history file as data and visualize its content
- Focus on:
  - Data manipulation and cleaning
  - Qualitative coding and visualizations
  - Text as data
  - GitHub for collaboration
- Built on Oral History as Data framework



Code Your Transcript

At this point, you should have three documents:

1. A Google Doc version of the transcript
2. A Google Sheet named `lastnamefirstname_original`
3. A Google Sheet named `lastnamefirstname`. This is the file you'll be working on from now on. It should be a transcript that's set up like this...

	A	B	C	D
1	timestamp	speaker	words	tags
2	[00:00:00]	Rebecca Scofield	So, this is Rebecca Scofield and I am here with Joe Rodriguez on September 10th, 2016. And we are at the Rodeo on the River in Duncans Mills, California. So, could you tell me what year you were born?	
3		Joe Rodriguez	I was born in 1964.	
4		RS	Can you tell me where you grew up?	
5		JR	Grew up in the Bay Area in Fremont, Alameda County. Lived there most of my life until I was eighteen and then went off to San Francisco for college.	

Sample Transcript CSV

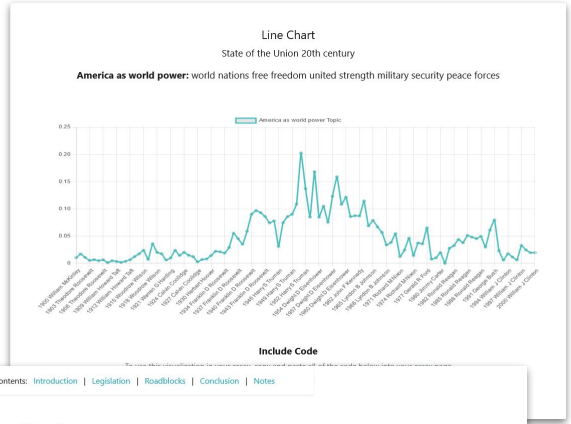
...with four columns labeled `timestamp`, `speaker`, `words`, and `tags`

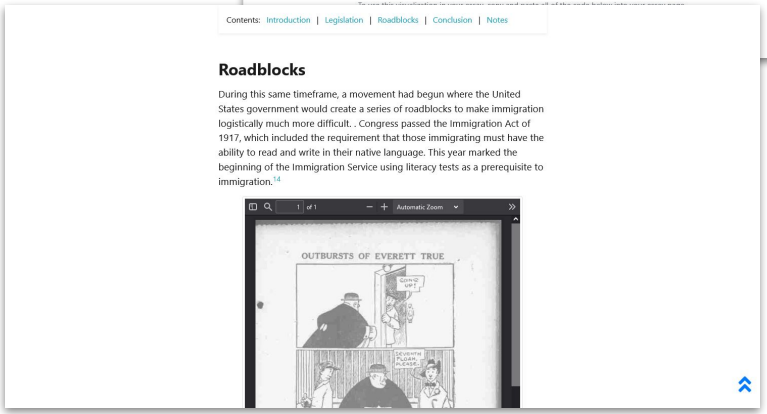
Now it's time to start coding! Follow these steps:

- Tag Your Transcript
- Remove Unwanted Content
- Identify Conversations
- Finish Up

Learning Sequence: *Text Analysis*

- Students use text analysis tools to visualize historical texts; incorporate visualizations, images, and documents into a multimodal essay
- Focus on:
  - Text as data, primary sources
  - Writing for the web, multimodal essays
  - GitHub for web projects, web publishing
- Built on CollectionBuilder-GH framework

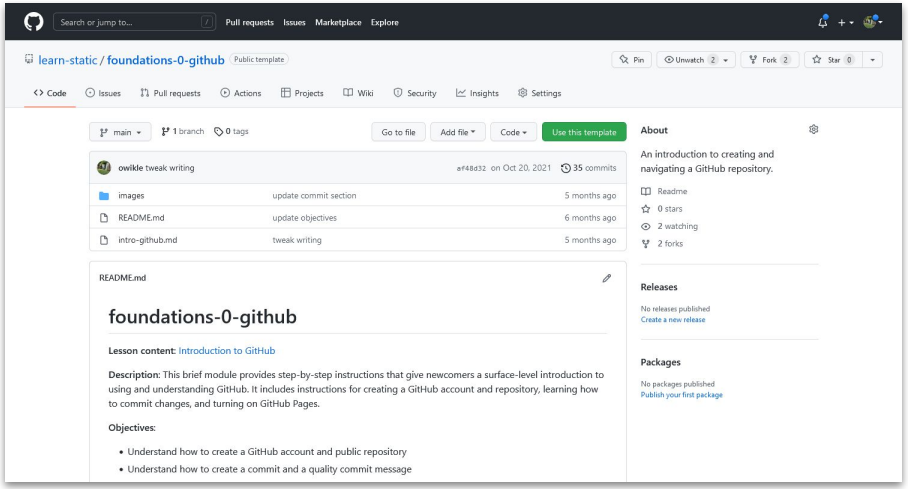




https://github.com/learn-static/text-analysis

Dissemination

- By **September 2022**:
  - Learning sequences, modules, and documentation available via GitHub: https://github.com/learn-static



Curious about Learn-Static?

Check out our work at our GitHub organization,
https://github.com/learn-static

Or get in touch with us if you have questions or suggestions!

Contact omwikle@uidaho.edu

Thank you!