
Minimal Computing + Libraries

Sarah Severson, University of Alberta Libraries
sarah.severson@ualberta.ca / @sarah0s

Follow along at
https://is.gd/access_mini_comp

Minimal Computing

“.. computing done under some set of significant constraints of hardware, software, education, network capacity, power, or other factors.”

<https://go-dh.github.io/mincomp/about/>

Follow along at
https://is.gd/access_mini_comp

Maximum access & accessibility

Minimal dependencies & maintenances

Minimal use, consumption & obsolescence

Read more on this at

<http://go-dh.github.io/mincomp/thoughts/2016/10/02/minimal-definitions/>

by Jentery Sayers - 02 Oct 2016

Open

- open data / data driven
- open source / collaborative development

Simple(ish)

- basic infrastructure requirements (less IT)
- lower barriers to development

Librar* Optimized

- Full control over content and data (no 3rd parties)
- Leverage librarian skills

User Focused

- Engaging design and user interaction
- Visualizations for context and discovery
- Reusable / shareable data

Lib-STATIC, a Methodology <https://lib-static.github.io/>

Projects!

https://is.gd/access_mini_comp

Complex offline websites

Blog post

<https://inkdroid.org/2018/01/10/offline-react/>

Demo

<https://vimeo.com/250352204>

Lakeland Community Heritage Project

City of College Park - congressional record tribute to gladys spellman part 2 (WRONG TITLE!?)

City of College Park - National Mobile Village

City of College Park - new construction 2/85 (3)

City of College Park - public works truck

City of College Park - Lake Artemesia after redelopement (5)

City of College Park - Demolition Photos 4906 Navahoe & 8200 Rhode Island (4)

City of College Park - Alice

City of College Park -

[Lakeland Static Site Demo from Ed Summers on Vimeo.](https://vimeo.com/250352204)

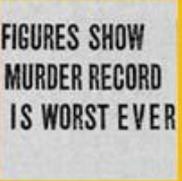
https://is.gd/access_mini_comp

Migrating old sites

OLD:
<http://homicide.northwestern.edu/>

Homicide in Chicago 1870-1930

1870s 1880s 1890s 1900s 1910s 1920s



[Interactive Database](#) [Historical Context](#) [Legal Context](#) [Crimes of the Century](#) [Publications](#) [Videos](#) [About](#)

Home

Homicide In Chicago 1870-1930



The years between 1870 and 1930 marked the emergence of Chicago as a dominant American city, undergoing some of the most dramatic and extensive social, political and economic changes in our national history. Against this backdrop we present a unique record – the Chicago Police Department Homicide Record Index – chronicling 11,000 homicides in the city during those years. Because these crimes became cases, these records are also the foundation for a study of courts and legal institutions. The police and their operations were inextricable from those they answered to, the mayor and alderman, ward politicians, and the citizens of Chicago. Thus the records offer an opportunity to study the rule of law, or its absence, and this theme is echoed throughout the various facets of the research conducted to date under the auspices of this Project.



Leigh Bienen, Senior Lecturer in the School of Law at Northwestern University and the Director of the Chicago Historical Homicide Project, and her colleagues created both a sequential text file and a quantitative database from these **handwritten records**. The first academic publications from this work are published in Northwestern University School of Law's **Journal of Criminal Law and Criminology**, Vol. 92, No.s 3/4. For our academic audience we provide this research, and both the case summaries and the coded quantitative **database** for your use and further research.

For the public, we invite you not only to interact with this **searchable database**, but also to explore some of the more fascinating aspects of the **25 cases** highlighted here; and to explore the **historical context** – with emphasis on the rule of law – of these crimes and cases.

https://is.gd/access_mini_comp

Migrating old sites

NEW BETA SITE

<http://homicide.northwestern.edu.s3-website-us-east-1.amazonaws.com/about/>

REPO

<https://github.com/nulib/homicide-in-chicago>

https://is.gd/access_mini_comp

HOMICIDE IN CHICAGO 1870-1930



ABOUT

ABOUT

Leigh Bienen

Distributed
Learning Center

Links to Related
Sites

Bibliography

Terms of Use

FAQs

Contact Us

Copyright

Credits



The Chicago Historical Homicide Project began with the discovery of the availability of a rich log of more than 11,000 homicides maintained consistently and without interruption by the Chicago Police Department over the course of 60 years, from 1870 to 1930. The fact that these

records were kept without interruption by a single institutional record keeper makes these files an important new resource for the study of homicide, crime, urban development, and the police themselves. The records are a lens through which to view the history of the city of Chicago during a period of extraordinary social, economic and political development. Because these crimes became cases, these records are also the foundation for a study of courts and legal institutions. The police and their operations were inextricable from those they answered to, the mayor and alderman, ward politicians, and the

Participatory research project

Site: <http://proposals.monumentlab.com>

Repo: <https://github.com/MonumentLab/proposals>



PROPOSALS

ABOUT • GALLERY • MAP • SEARCH

MONUMENT LAB What is an appropriate monument for the current city of Philadelphia?

NAME YOUR MONUMENT: Food is everything statue PLACE YOUR MONUMENT: Revere St.

DESCRIBE AND/OR SKETCH IN THIS SPACE:

YOUR ZIP CODE: 19149 YOUR AGE: 11 YOUR NAME, @, AND/OR HASHTAG: Onnab Habb (@Onnab.Habb@gmail.com) RESEARCH ID: LLP57

Mural Arts Philadelphia #monumentlab
monumentlab.muralarts.org

ID:	llp57
Title:	Food is everything statue
Location:	Revere St.
Transcription:	Garlic and cheese stuffed crust pizza; hamburger; cupcake

https://is.gd/access_mini_comp

Open Pedagogy

Teaching skills not systems

Collection Builder

<https://collectionbuilder.github.io/>



Collection Builder

Types ▾

Pricing

Documentation

CollectionBuilder is Free

No subscriptions. No data sharing. No Dependencies

CollectionBuilder {cb} is a lightweight, flexible, and open source tool for creating digital collection and exhibit websites driven by metadata, and powered by modern static web technology.

https://is.gd/access_mini_comp

Episode I

A New Grant

CollectionBuilder is a lightweight, flexible tool for creating digital collection and exhibit websites driven by metadata, and powered by modern static web technology.

The user provides a well structured metadata spreadsheet and a directory of digital files, that CollectionBuilder will

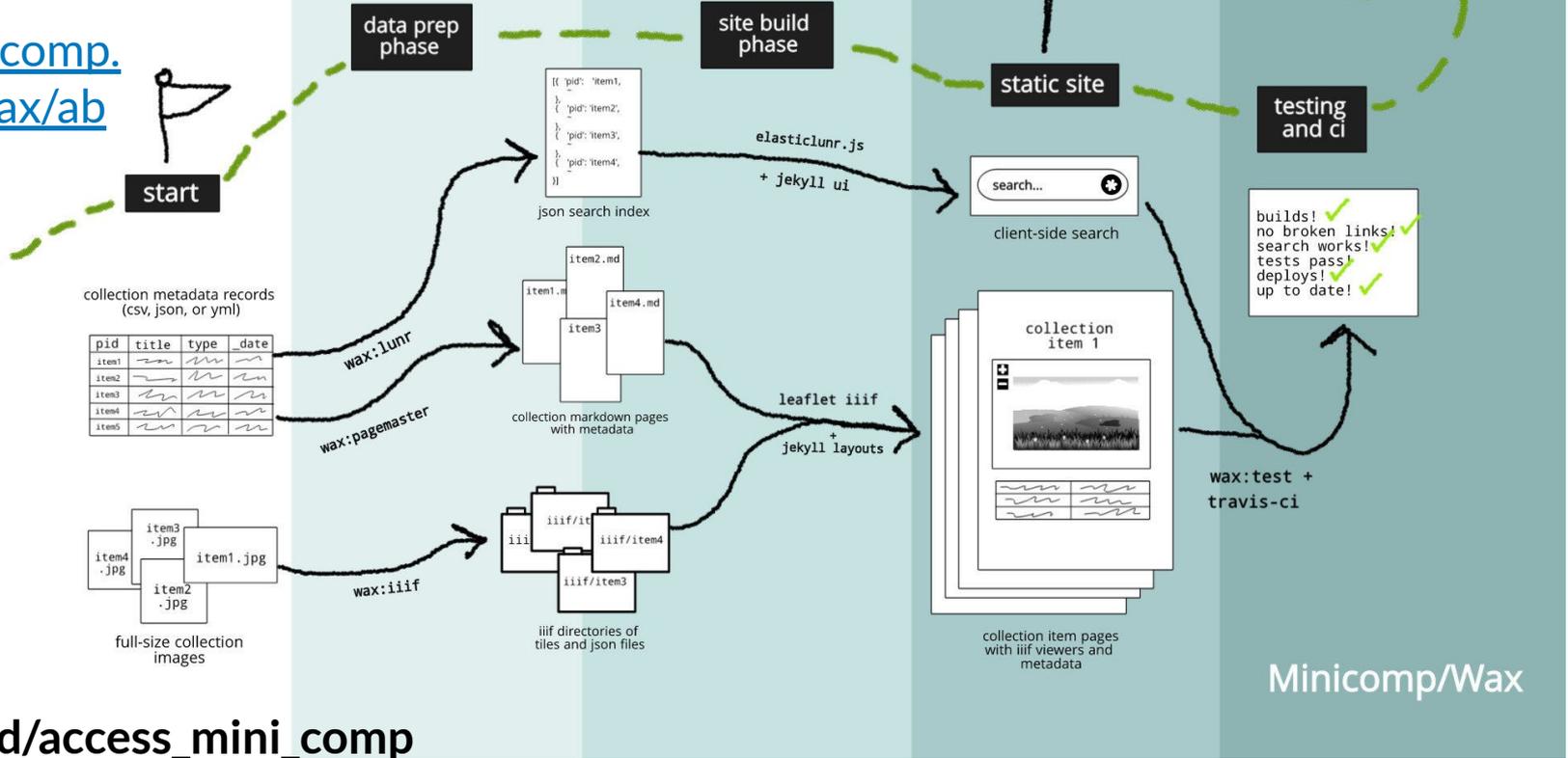
https://evanwill.github.io/cb_crawl/

https://is.gd/access_mini_comp

WAX



<https://minicomp.github.io/wax/about/>



https://is.gd/access_mini_comp

Minicomp/Wax

AHIS GR8439

[Course description](#)

[Syllabus](#)

[Github Repo](#)

[Final Website](#)



https://is.gd/access_mini_comp

—
AHIS GR

8439

Syllabus

Week 3 | September 25

Seminar: The shape of a scholarly field

- How has scholarship on the clothing revolution of 1795-1805 evolved cumulatively? What aspects of this subject have been addressed, and how have scholars' choices been affected by the availability of sources, as well as publication technologies? What aspects can be newly addressed now?

Lab: Introduction to scholarly editions and exhibits

- Discuss readings through the lens of professionalized knowledge production.
- Introduction to plain text, UNICODE, plain text editors, and Markdown.

Assignments:

- **Seminar Readings:** Continue readings on revolutionary fashion culture.
- **Lab Reading/Watching:** YouTube. "[What is GitHub?](#)"; "[Step 3. Make and commit changes](#)" in *GitHub Guides: Hello World*; Any other GitHub tutorial you find useful. Note that as Columbia/Barnard students you have access to Lynda.com, which houses many thorough tutorials on git and GitHub.
- **Resistance in the materials:** In this, your first technological trial by fire, you will produce two files and upload them to the `first-exercise` folder in the class GitHub repository: File #1 (lastname-lorem.md): Using Markdown and a plain text editor. design a 3000-word. Lorem Ipsum document with title. author. sections and subsections.

**Maybe open research is
next?**

Presentations, papers & workshops

2019 IFLA Paper: *Style Revolution: A New Approach to Digital Scholarship and Collection-Building*

2019 Library Publishing Forum Panel: Static Site Generators: Powerful Publishing with Less Infrastructure

2019 Dream Lab @ Penn - digital humanities training institute Workshop: Minimal Computing: Nimble Projects for Shaping and Sharing Histories

2018 Digital Library Forum panel : Minimal Computing both Wax and Collection Builder

2018 Digital Humanities Forum the University of Chicago: Minimal Computing for Maximum Impact

2017 Modern Language Association: Literary Studies with Minimal Computing

2016 Book chapter Global outlooks in digital humanities: Multilingual practices and minimal computing Doing Digital Humanities, 58-70

2016 Digital Humanities: Minimal Computing Workshop (CFP and Description)

Join us tomorrow!

Learn together workshop with Wax

10:30 am at the University of Alberta Digital Scholarship Center as we hack away at some of these tools

<https://github.com/AccessLibCon/Wax-workshop>
