

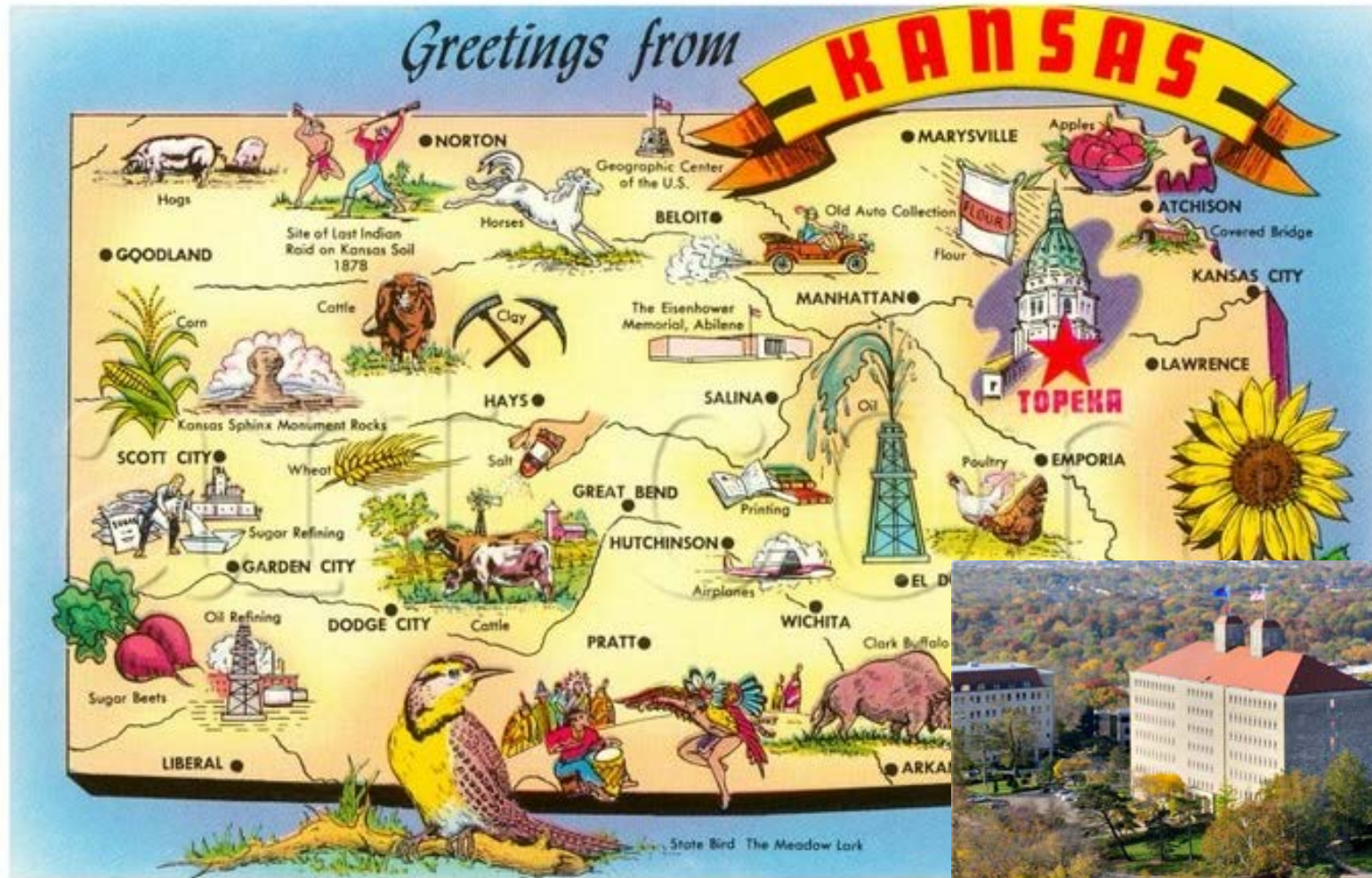
From roadblock to roadmap:  
creating and maintaining sustainable  
digital humanities projects

Brian Rosenblum

March 28, 2019

Scientific Communication  
in the Digital Age: ELIBUKR

Kyiv, Ukraine



## University of Kansas Lawrence, Kansas

- Public research university
- 28,000 students
- 2,600 professors
- 370 degree programs
- 14 research centers





# <http://idrh.ku.edu>



## Institute for Digital Research in the Humanities

Providing resources and training in the practices and tools of the digital humanities

[About](#)[Annual DH Forum](#)[Events](#)[Grants](#)[Resources](#)[Students](#)[News](#)[Calendar](#)

The Institute for Digital Research in the Humanities provides resources and training in the practices and tools of the digital humanities, facilitating interdisciplinary academic collaborations, innovative research, and external funding opportunities.



### IDRH News

November 16, 2017

Digital Humanities, Social justice and US Latina/o literature: A Roundtable Discussion - November 29

October 23, 2017

Talk on Sexuality and Social Media by Dr. Vlad Strukov

October 23, 2017

Digital Humanities classes in Spring 2018

[Read more »](#)

### Quick Links

- [Digital Humanities Forum 2017](#)
- [Getting Started in Digital Humanities LibGuide](#)
- [YouTube Video Archive »](#)

# Outline

- Digital Humanities Methods and Products
- Some common features, trends and challenges
- Global Outlook Digital Humanities (GO::DH)
- The Socio-Technical Sustainability Roadmap
- U.S. perspective



Repositories are both social and technical initiatives. In addition to the content and the technical infrastructure, they are a set of services and resources developed and actively maintained by an engaged community.

# Digital Methods and Products

## Data oriented DH

- Digitization of non-digital content
- Historical content
- Big data
- Mapping
- Networks
- Large scale analyses
- Algorithms
- Digital Scholarly Editions
- Historical 3-D models

## Medium oriented DH

- Bibliography
- Curation
- Archiving
- Media Archaeology
- History of computing and the web
- Digital infrastructure
- Computer Code Studies
- Electronic Literature

...roughly

# A London Provisioner's Chronicle, 1550-1563, by Henry Machyn

Home  
About  
Editors  
Other resources

## Search

Search

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## Browse

Table of contents

## Jump to a Year

1550	1557
1551	1558
1552	1559
1553	1560
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*A London Provisioner's Chronicle, 1550-1563, by Henry Machyn: Manuscript, Transcription, and Modernization* is an electronic scholarly edition created by Richard W. Bailey, Marilyn Miller, and Colette Moore.

The *Chronicle* was one of the treasures of the library of the antiquarian Robert Cotton, and it was stored



1561

1504 1561-01-06 (begins on folio 130r)

The xij day y<sup>e</sup> wyche waf y<sup>e</sup> vj day of januarij  
waf bered in sant benett{s} at powH{s} warff M  
antony hyH on of y<sup>e</sup> quen gentyHman of  
& a xvj clarkef ssyngyng to y<sup>e</sup> chyrche & to y<sup>e</sup> berehyng

The Twelfth Day, the which was the sixth day of January, was buried in St. Benet at Paul's w  
Hill, one of the Queen's gentleman of ... and a sixteen clerks singing to the church and to the

Folio 130v

1505 1561-01-?? (begins on folio 130v)

a boyffe iii<sup>xx</sup> of gentyH women to  
where they had af grett chere af has been  
sene behyng a ffysse day & aft- ther w  
t y<sup>e</sup> cheff men of y<sup>e</sup> pryche & odor & they had  
af a grett dener & grett chere ffor ffysse

... above threescore of gentlewomen to ... where they had as great cheer as has been seen,  
after, there w ... t the chief men of the parish and others. And they had as a great dinner and  
fish.

```
<P>certificate of all the church goods and jewells and money and betts and all copes  
and ornaments that belong to the church.</P></DIV3>  
<DIV3 TYPE="entry" N="180" ID="D15530425">  
<HEAD>1553-04-25 <P> REF="00000034.jp2" SEQ="00000034" FMT="JP2" FTR="UNSPEC"  
CNF="" N="17v" TYPE="imagelink"/></HEAD>  
<P TYPE="transcription">The xxv day of apre<HI1 REND="strike">11</HI1> wher  
hangyd at saynt <ADD DESC="">Thomas</ADD> <LB/> of wateryng{s} of saynt marke  
day vj ffeylon&#x17f; iij <ADD DESC="">were</ADD> <LB/> hangyd w<HI1  
REND="sup">t</HI1> ij altar&#x17f; a pese &amp; y<HI1 REND="sup">e</HI1> ij wher  
pore w<HI1 REND="sup">t</HI1> one</P>  
<P TYPE="modernization" ID="p_265">The twenty-fifth day of April at St. Thomas  
of Watering of St. Mark's Day six felons. Four were hanged with two altars  
apiece, and the two were poor with one.</P></DIV3>  
<DIV3 TYPE="entry" N="181" ID="D155304XX">  
<HEAD>1553-04-?? <P> REF="00000034.jp2" SEQ="00000034" FMT="JP2" FTR="UNSPEC"  
CNF="" N="17v" TYPE="imagelink"/></HEAD>  
<P TYPE="transcription">The<LB/> The sty<HI1 REND="strike">11</HI1> y<HI1  
REND="sup">t</HI1> y&#x17f; sett forth by owre nuw kyn<ADD DESC="">g</ADD> <LB/>  
phelype &amp; mare by y<HI1 REND="sup">e</HI1> grace of god kyng &amp; que<ADD
```

## Digital Critical Editions

Compare 3 versions:

Google Books

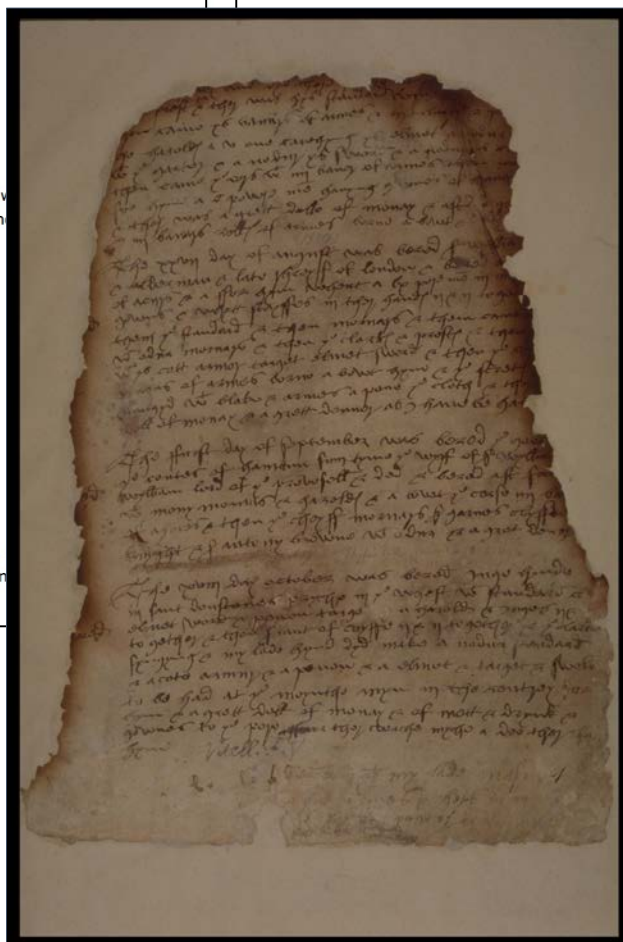
[goo.gl/85gEw](http://goo.gl/85gEw)

British History Online

<http://www.british-history.ac.uk/source.aspx?pubid=324>

University of Michigan

<http://quod.lib.umich.edu/m/machyn/>





# War and Peace Geographies

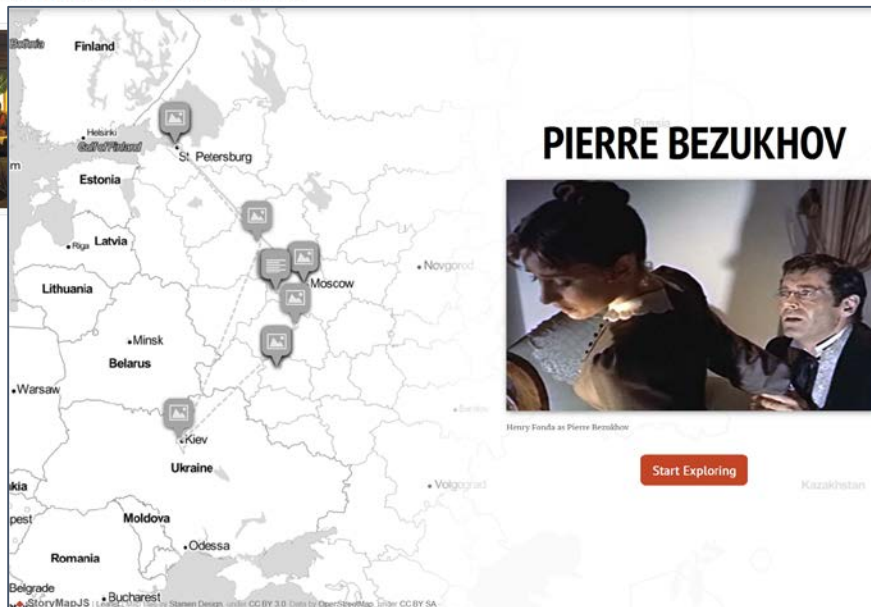
Slavic Department, University of Kansas

## WAR AND PEACE GEOGRAPHIES

This is a course website for **SLAV 512: The Russian Novel through the Digital Humanities (Tolstoy's *War and Peace*)** taught [Kokobobo](#) in the [Slavic Department](#) at the University of Kansas. We use digital tools to map the complicated human geography of Tolstoy's *War and Peace*. If you click on the menu, we have mapped the expansive geographical travels of most major characters in the novel. You can also find information about our students' extensive DH projects on the novel.

[Read more](#) about the project.

## MAPPING GEOGRAPHICAL TRAJECTORIES OF CHARACTERS



## PIERRE BEZUKHOV



Henry Ford as Pierre Bezukhov

Start Exploring



## MARYA NIKOLAEVNA BOLKONSKAYA



Image from Konstantin Ivanovich Rudakov's 1941-1948 collection of illustrations to *War and Peace*

Start Exploring



**SLAV 512: The Russian Novel through the Digital Humanities.**  
**Ani Kokobobo.**  
<http://warandpeacegeographies.weebly.com/>



# The Black Book Interactive Project

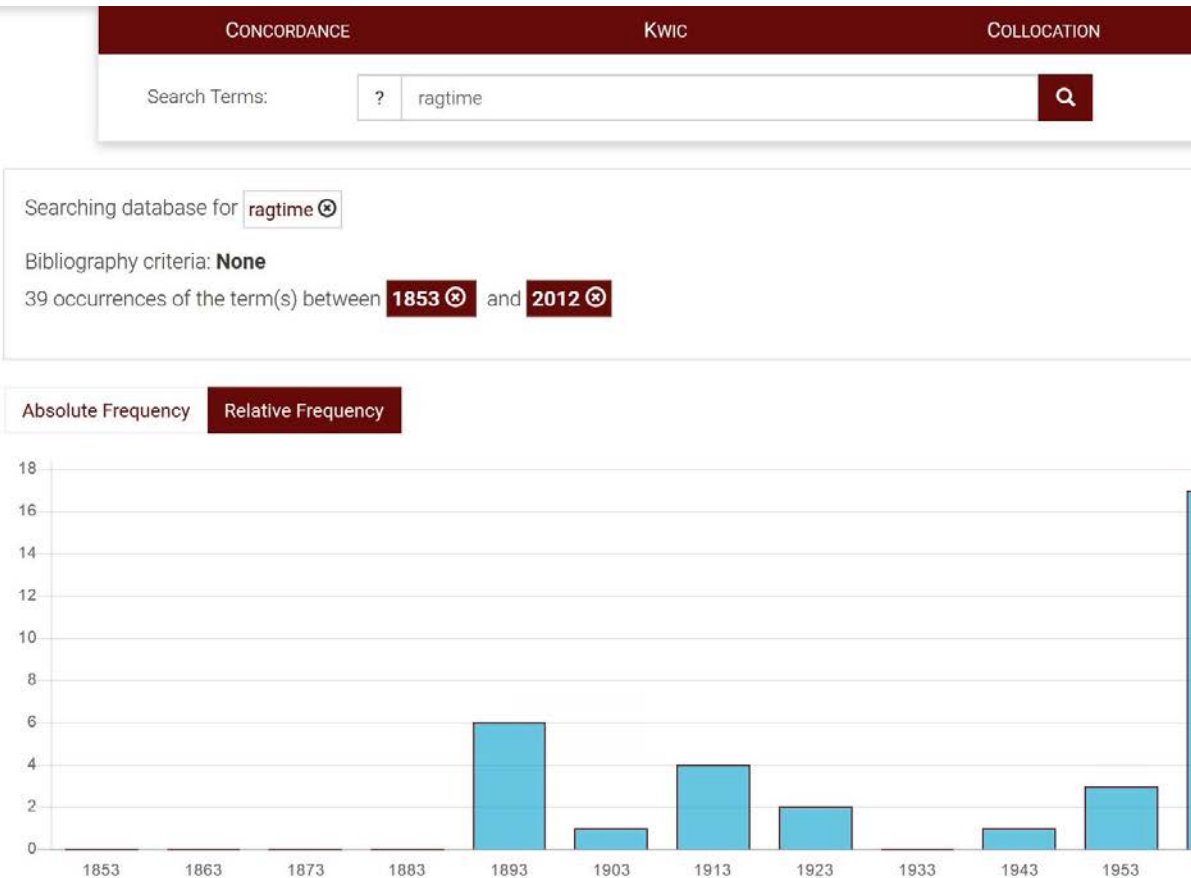
<http://bbip.ku.edu>

## The Black Book Project: What kinds of important research questions are we asking?

Based on our collection of some 2000 novels, most of which are neither widely read nor taught, we see the digital medium as a way to provide new levels of access, consolidate a large amount of data and invite new questions. What patterns exist among book titles, word count and chapter structure of the novels? What are the terms and examples do authors use to describe race and racial tension, and how does this shift over time? Which African American authors are inclined to use unique words and phrases?



How many and which prominent historical figures make appearances in the novels? How much do the novelists represent variations of standard and African American vernacular English in their works? What physical environments and distinct regions are described in the novels, and what common words and phrases are used to describe those places? How do stylistic preferences differ from writer to writer? How do these questions alter current organizing premises/theories about black novels?



- IAIA Home
- About IAIA
- Research: Overview
- Research Protocols
- Language Profiles
- Sample Lexical Databases
- Sample Grammatical Features Database
- Sample Texts
- Bibliography
- Wiki (Public)
- Archive Listing
- Events
- Links
- Contact IAIA

## Restricted Area:

Login

## Interactive Inner Asia Project

The project aims to provide a model lexicographic, demographic, and grammatical feature infrastructure, giving users tools to explore Inner Asia, its individual languages, and their contact and change. The convergence of unrelated languages in Inner Asia is as striking as that of the Balkans, yet the features of the area's languages have hardly been compared. The area remains largely undocumented as a Sprachbund. Since most of the relevant Inner Asian languages are endangered, we have a narrow temporal opportunity in which to understand these interactions, in order to contribute to typological and contact theory.

Inner Asia—bounded by the Himalayas to the south, Mongolia to the north, the Pamirs to the west, and the Ordos Plain of north-central China to the east—is a vast area of four million square kilometers, which supported a large number of ancient civilizations, including early Indo-European, Turkic, and Sino-Tibetan peoples. Inner Asia has a number of geographic sub-regions, one of which is this project's focus: the upper Yellow River littoral area, now in Haidong prefecture of Qinghai province, China. The river and its tributaries have sustained relatively large numbers of sedentary agriculturalists. This area was chosen since it shows the most convergence between unrelated languages and is where P.I. Dwyer has conducted 20 years of documentation

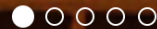
*Inner Asia.* (Map Source: <http://www.indiana.edu/~rifias>)



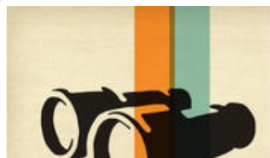


# Emmett Till Memory Project

# EMMETT TILL INTERPRETIVE CENTER



## About the Project



The Emmett Till Memory Project is a website and smartphone app designed to commemorate the death and memory of Emmett Till. The Project uses Google's Field Trip app to focus on fifty-one sites in and around the Mississippi Delta that played a significant role in the death, trial, and public memory of Emmett Till.



◀ Archive for Sunday, January 10, 2016

## KU project will put WWI poetry by American immigrants on the Web

Digitization effort coincides with 100-year anniversary of the Great War

**O**H Fatherland, my Fatherland,  
Whom canst thou now call friend?  
From Russian Steppe and Norman plain,  
From Balkan height and English main  
Their battled hordes like hellish rain  
In cloud and fire descend.

Oh Fatherland, my Fatherland,  
Who stands thee now beside?  
From West and South, from East they flare,  
O'er sea they come, by land, through air  
Thee limb from limb to rend and tear—  
Oh God! who'll stem the tide?

Oh Fatherland, great Fatherland,  
Now gird thee in thy might!  
A world in arms comes sweeping on  
Through storm-swept night and blood-drenched dawn.  
And thou, my Country, standst alone,  
For God and Life, now fight!  
No sun for thee may longer shine,  
No fires on thy hearthstone burn  
No help, no joy, no respite thine,  
Now darkly die—or *fight!*

Oh Fatherland, my Fatherland,  
Thy sons are true and tried,  
Are swift to strike, or glad to die,  
And strong of arm and sure of eye;  
Now hurl them forth to do or die,  
And God be at thy side!

Oh Fatherland, my Fatherland,  
Be never thou afraid!  
For he who watches o'er the night,  
Who speeds the fearful lightning flight,  
Who never yet has failed the right  
Now lends thee mighty aid.

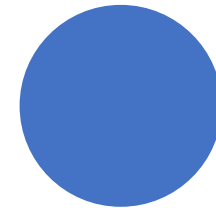
Oh Fatherland, great Fatherland,  
Dark days have come and gone  
When thou hast fought, when thou hast bled,  
When thou hast sadly tolled thy dead,  
But never hast thou bowed thy head,  
Or put the soul in pawn.  
And now when 'gainst thee wars a world,  
Its armies 'gainst thy bulwarks hurled,  
With all thy glorious might unfurled  
Stand, Fight—and battle on!

Contributed image. [Enlarge photo.](#)

Pictured is a scan of the poem "Oh Fatherland, My Fatherland," by George Frederick Hummel, as it appeared in the German-American periodical *The Fatherland* on Oct. 14, 1914. The pro-German publication was edited by George Sylvester Viereck, who migrated to the United States with his parents in the late 19th century. Viereck's pro-German bias became more subtle after the United States entered World War I, although years later he was convicted and imprisoned in the 1940s for being a Nazi agent. (Source: Lorie Vanchena, Kansas University)

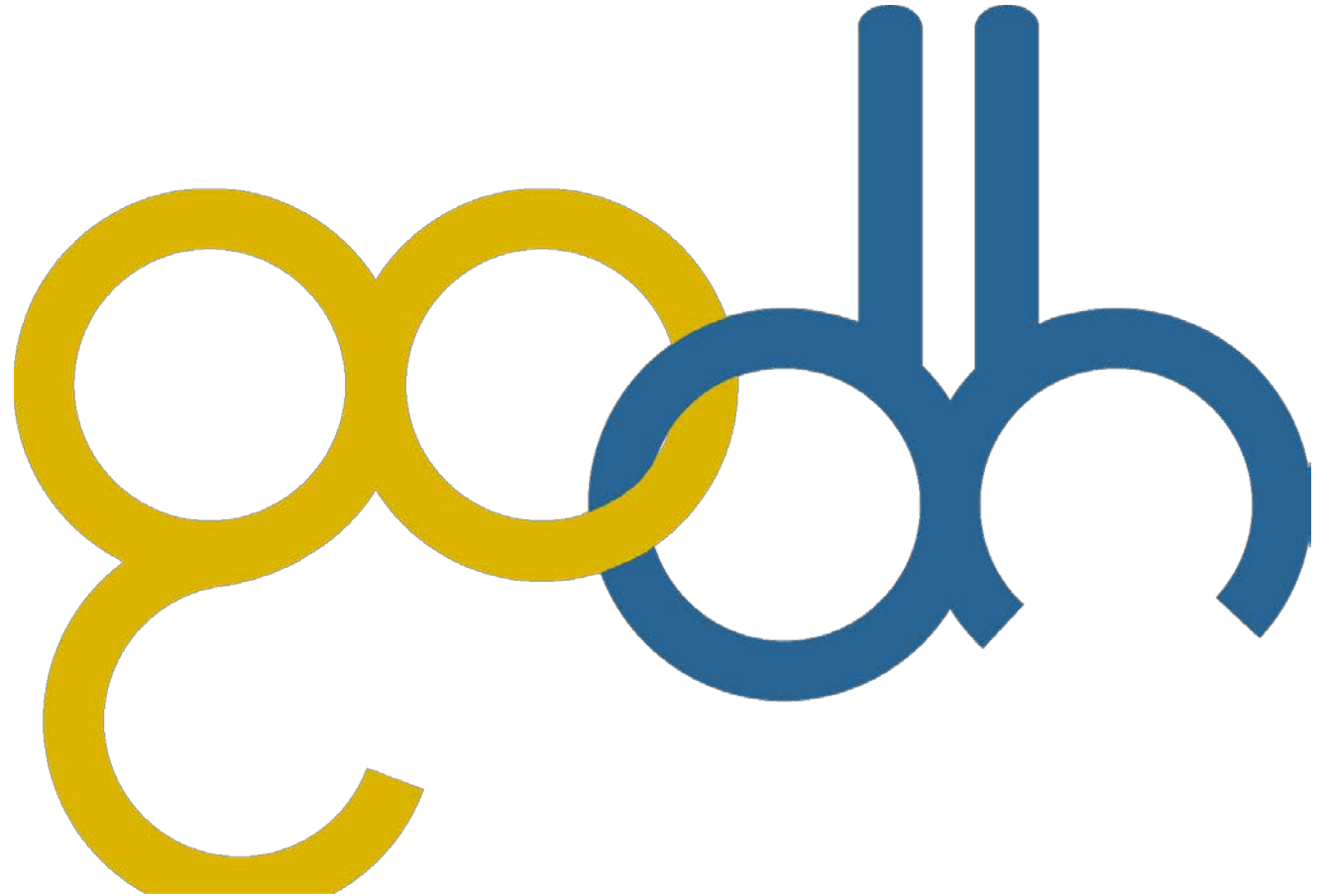
- Data management
  - Digital platforms
  - Assessment (Impact and Recognition)
  - Copyright and Intellectual Property
  - Collaboration
  - Technical Infrastructure
  - Social Infrastructure
  - Sustainability
- 

Common features, trends,  
challenges



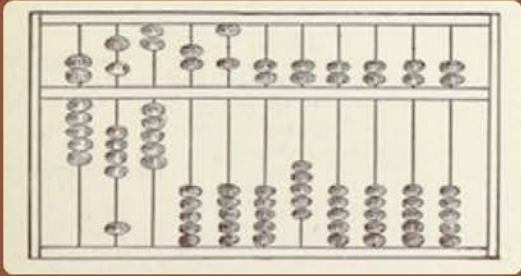
The purpose of GO::DH is to help break down barriers that hinder communication and collaboration among researchers and students of the Digital Arts, Humanities, and Cultural Heritage sectors in high, mid, and low income economies.

<http://globaloutlookdh.org>





# Minimal Computing



a working group of GO::DH

## About

News & Announcements

Thought Pieces

Links & Resources

Mailing List

## About

### What is Minimal Computing?

We use “minimal computing” to refer to computing done under some set of significant constraints of hardware, software, education, network capacity, power, or other factors. Minimal computing includes both the maintenance, refurbishing, and use of machines to do DH work out of necessity along with the use of new streamlined computing hardware like the Raspberry Pi or the Arduino micro controller to do DH work by choice. This dichotomy of choice vs. necessity focuses attention on computing that is decidedly not high

# Minimal Computing Working Group

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

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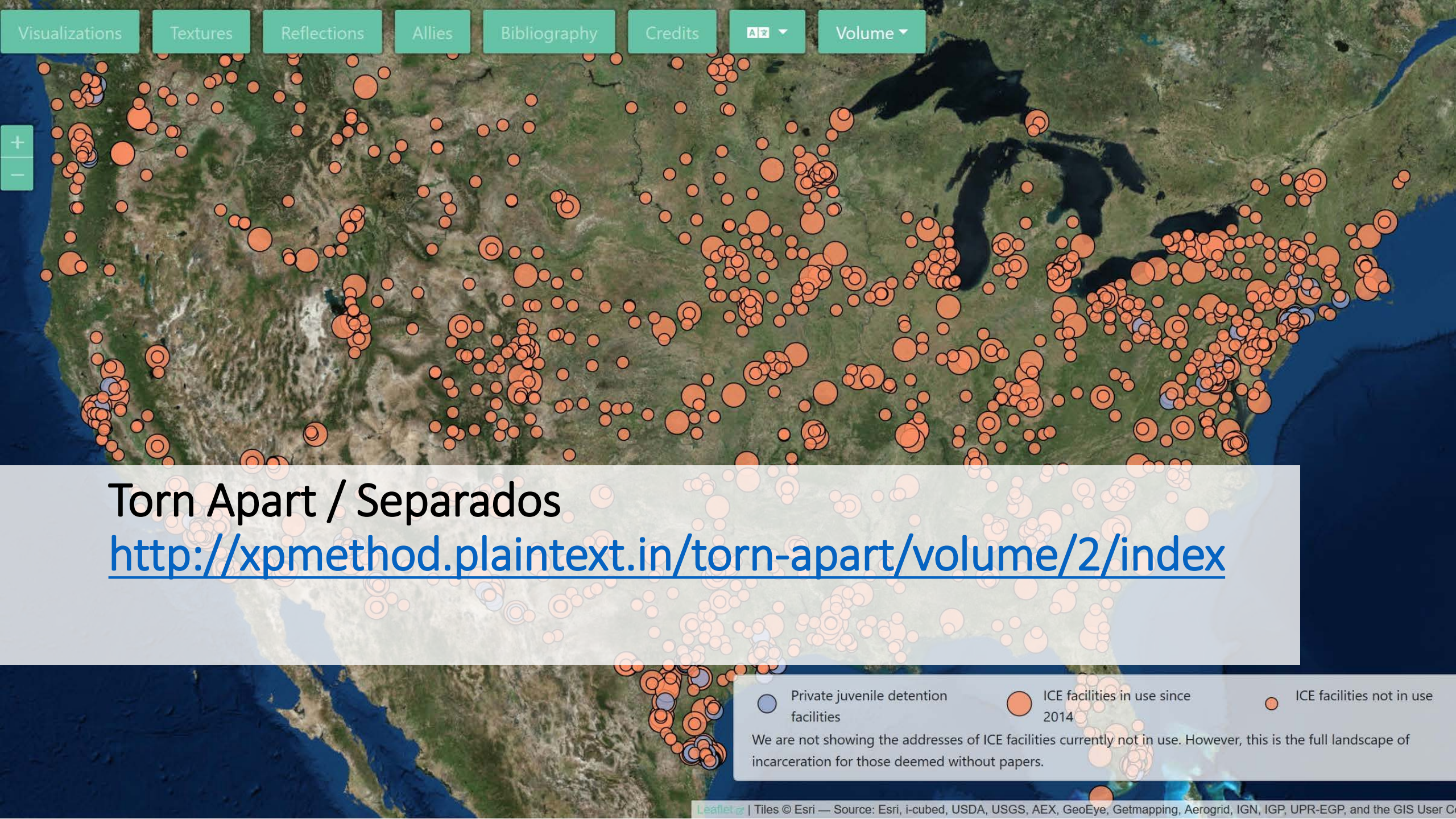
DH Centers at CenterNet: <http://dhcenternet.org>

Around DH  
in 80 days



<http://www.arounddh.org/>





Visualizations

Textures

Reflections

Allies

Bibliography

Credits

A-Z

Volume

# Torn Apart / Separados

<http://xpmethod.plaintext.in/torn-apart/volume/2/index>

- Private juvenile detention facilities
- ICE facilities in use since 2014
- ICE facilities not in use

We are not showing the addresses of ICE facilities currently not in use. However, this is the full landscape of incarceration for those deemed without papers.



# The Socio- Technical Sustainability Roadmap (STSR)

<http://sustainingdh.net>



Developed 2016-18 by the University of Pittsburgh Visual Media Workshop:  
<https://www.haa.pitt.edu/visual-media-workshop>



a set of modules intended to help project teams approach the seemingly daunting task of sustaining your web-based, user-facing, digital humanities project over time.



“Upon completing the Roadmap, you will have a stronger sense not only of how to sustain your work, but also what your project’s major overall characteristics are alongside your own intellectual goals. You will leave with an understanding of your project’s particular sustainability goals and a plan for beginning to work toward them.”

# The Socio- Technical Sustainability Roadmap (STSR)

<http://sustainingdh.net>

## Module A

- [Module A1: What is the scope of your project?](#)
- [Module A2: How long do you want your project to last?](#)
- [Module A3: Who is the project designed for?](#)
- [Module A4: What are the project's priorities?](#)
- [Module A5: Project Documentation Checklist](#)

## Module B

- [Module B1: Who is on the project team and what are their roles?](#)
- [Module B2: What is the technological infrastructure of the project?](#)
- [Module B3: Socio-Technical Responsibility Checklist](#)

## Module C

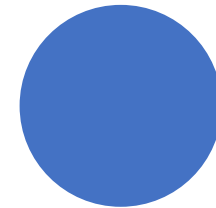
- [Module C1: Adapting the NDSA Levels of Preservation](#)
- [Module C2: Access & Backing Up Your Work](#)
- [Module C3: File Formats & Metadata](#)
- [Module C4: Permissions & Data Integrity](#)
- [Module C5: Digital Sustainability Action Plan](#)



- 3 Stages of Projects
  - Active Creation | Ongoing Maintenance | Retirement
- Think and plan in 3-year chunks
- Plan for unexpected communities and assessment
- Identify the most important sustainability priorities
- Importance of effective documentation
- Identify individual and institutional partners and their responsibilities

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## Some Key Points of the STSR



Brian Rosenblum

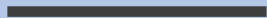
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Thank you!

