



ADAPTING MINIMAL COMPUTING APPROACHES FOR PUBLIC HUMANITIES PROJECTS: A NEW TAKE ON THE HISTORY HARVEST MODEL

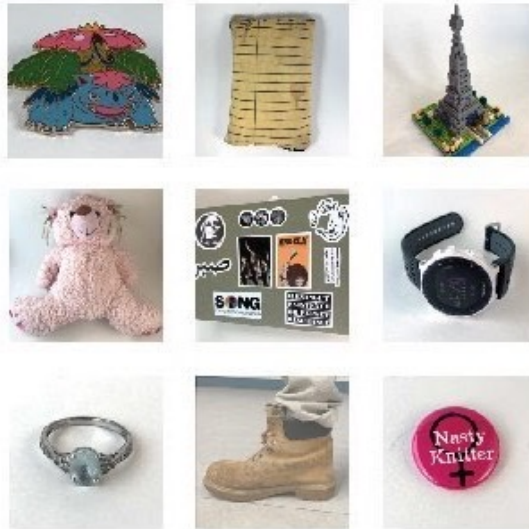
DIGITAL LIBRARY BROWN BAG SPRING 2022: 9 FEBRUARY 2022

VERSION PRESENTED AT THE 2021 ASSOCIATION FOR COMPUTERS & THE HUMANITIES CONFERENCE

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Maks Szostało, mszostal@indiana.edu, @szostalo
with Kalani Craig, Michelle Moyd and Jazma Sutton

“We believe that our **collective history** is more **diverse** and **multi-faceted** than most people give credit for and that most of this history is **not found in archives, historical societies, museums or libraries**, but rather in the stories that ordinary people have to tell from their own experience and in the things – the objects and artifacts – that people keep and collect to tell the story of their lives.”

University of Nebraska-Lincoln,
<https://historyharvest.unl.edu>



HISTORYHARVEST.INDIANA.EDU

MAKE	TUE OCT 8 4:00 - 5:15 PM
HISTORY	WED OCT 9 2:00 - 4:00 PM
YOURS.	THUR OCT 10 4:00 - 5:15 PM
HISTORY HARVEST HAPPENING OCT 8-11	FRI OCT 11 10 AM - 12 PM

WHAT IS A HISTORY HARVEST?

A digital archive that contextualizes material culture, a material culture that belong with their owners—both the analog and digital versions of the materials—as a way to expose histories that were hidden or erased from the dominant historical narrative.

WHAT IS MINIMAL COMPUTING?

... “minimal computing” [refers] to computing done under some set of **significant constraints** of hardware, software, education, network capacity, power, or **other factors.**”

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



IU Bloomington October 2019.

HISTORY HARVESTS & MINIMAL COMPUTING

“... the term enunciates an **architecture that is its self-diagram**, and this image becomes structural and programmatic. I believe that architecture should be that. The home must be a structure of agreements. A **factual connection between needs, materials, technology, urban regulations and social conditions.**”

Ernesto Oroza. “Architecture of necessity.”
<http://architectureofnecessity.com/about/>

“... minimal computing does not stand as a universal call, but rather as a **localizable space for new questions and practices ...**”

(Gil & Ortega, Doing DH, p. 29)



Longtown, Ohio: September 2019. Photo by Jazma Sutton.

Identity through Objects

Exploring the ways in which faculty and students maintain their socio-cultural identities on a college campus, away from home and/or away from the cultural groups that anchored their upbringing.

<https://iubhistoryharvest.github.io>

 History Harvest

H301 Histories IUB History Harvest Artifacts Search...



Samba Shoes

Liz McHugh



Prato Plate

anonymous object contributor



Guatemalan Beaded Lizard Keychain

anonymous object contributor



Kente Sash

Sophia Okotah



I am worthy

Victoria A. Jones



Coffee

Neha Narayan

With

- Building trust between residents and institutions
- Establishing a sense of community
- Acknowledging community as equal contributors
- Being flexible
 - ↳ Listen well, be unbiased, work as one
- Communication between (various perspectives)



ENGAGEMENT & LABOR



**MAKE
HISTORY
YOURS.**

**IDENTITY
THROUGH OBJECTS**

**CO-SPONSORED BY
CRRES AND IDAH**

Not everything that's important in our history makes it into museums. Do you have something—an object, a memory, a place—that reflects your identity and sense of belonging, and how that connects you to your home, your family, or IUB?

HOW IT WORKS:

- You choose an object
- We photograph or scan it
- We ask you a few questions about how the object represents your identity.
- We send you a preservation copy and add it to our exhibit

**MORE INFO AT
HISTORYHARVEST.INDIANA.EDU**

**ADDITIONAL
COLLECTION
DATES**

If you've got an object in mind but don't have it with you today, CRRES and IDAH will be hosting additional collection sessions this week in Herman B Wells Library. Or, if you've already told us about an object today and have more items you'd like to contribute, come see us again!

TUE OCT 8 / 4 - 5:15 PM

WED OCT 9 / 2 - 4 PM

THUR OCT 10 / 4 - 5:15 PM

FRI OCT 11 / 10 AM - 12 PM

FIND US IN WELLS LIBRARY LOBBY

The History Harvest process included:

- IUB community
- H301 Students ran the process
- Other IUB students contributed artifacts
- IDAH/CRESS staff and graduate students advised as needed

ENGAGEMENT & LABOR

CRRES History Harvest Participant Form June 11 a.m. (Responses) ☆ @

File Edit View Insert Format Data Tools Form Add-ons Help Last edit was made on October 29, 2019 by Kal...

Timestamp	Name	Email Address	If you'd prefer text, please provide a cell number (optional)	Object Title
6/13/2019 11:11:40	Michelle Moyd	mimoyd@indiana.edu		small photo with frame
6/13/2019 11:39:02	Maks Szostalo	mszostal@iu.edu		Levenger Verona Fountain
9/5/2019 16:41:24	Df	Dd		Dd
9/13/2019 17:47:46	Sophia Okotah	sokotah@iu.edu	320 316 5913	Kente Sash
9/15/2019 13:21:59	Anamitraa Chakraborty	achakra@iu.edu	8129558924	Interesting coin from early 19th century
9/15/2019 19:39:44	Rosmary Marquez	Rosmarqu@iu.edu		Charm
9/17/2019 9:12:31	Rachel Boveja	rboveja@indiana.edu		Photo of Shawnee Great grandmother
9/17/2019 21:51:45	ERIKA SOSA GARCIA	ersosa@iu.edu		blouse
10/1/2019 16:16:48	Chavonte Wright	chwrig@iu.edu		Class ring
10/1/2019 16:17:04	Kalani Craig	craigkl@indiana.edu		Iridescent computer accessory bag
10/1/2019 16:17:04	Drew Heiderscheidt	dheider@iu.edu		Turquoise Blue Hat with Grateful Dead
10/1/2019 16:17:07	Vanessa Elias	Mavelias@indiana.edu		Guacardo
10/1/2019 16:17:14	Sara Duke	saraduke@iu.edu		Rosetta Stone Coffee Mug
10/1/2019 16:17:29	Christopher Nunn	chnunn@indiana.edu		Mud balls
		meborgo@indiana.edu		Travel tube of E6000, Used
		navdshar@iu.edu		Subway ticket
		ellarobi@indiana.edu	812-225-0677	Bullet journal
		thjefri@iu.edu		Arabic Vocabulary Book
		martalis@iu.edu		Tattoo - "When and Where I Entered IU"
10/1/2019 16:19:38	Janeumann	janeuman@iu.edu		Photograph in frame
10/1/2019 16:19:38	M. Watson	briwats@iu.edu		The Other Victorians, Basic Books

From Sign-In



CRRES History Harvest Participant Form June 11 a.m. (Responses) ☆ @

File Edit View Insert Format Data Tools Form Add-ons Help Last edit was made on October 29, 2019 by Kal...

Timestamp	Name	Email Address	If you'd prefer text, please provide a cell number (optional)	Object Title	A physical description of your object (~50 words)	What is this object's significance to you?
6/13/2019 11:11:40	Michelle Moyd	mimoyd@indiana.edu		small photo with frame	The object is a 3x5 inch photograph of a woman.	This photograph is a small photo of a woman.
6/13/2019 11:39:02	Maks Szostalo	mszostal@iu.edu		Levenger Verona Fountain	A resin-body fountain with a blue base and a white top.	This is the fountain at the University of Indiana.
9/17/2019 9:12:31	Rachel Boveja	rboveja@indiana.edu		Photo of Shawnee Great grandmother	A photograph of a woman, likely a great-grandmother.	These objects are photos of my great-grandmother.
10/1/2019 16:16:48	Chavonte Wright	chwrig@iu.edu		Class ring	A gold class ring with a blue stone.	My object represents my time at IU.
10/1/2019 16:17:04	Kalani Craig	craigkl@indiana.edu		Iridescent computer accessory bag	A colorful, iridescent computer accessory bag.	I carry a bag like this every day.
10/1/2019 16:17:04	Drew Heiderscheidt	dheider@iu.edu		Turquoise Blue Hat with Grateful Dead	A turquoise blue hat with a Grateful Dead design.	I am a huge fan of the Grateful Dead.
10/1/2019 16:17:07	Vanessa Elias	Mavelias@indiana.edu		Guacardo	A Guacardo, a traditional Mexican hat.	It represents my Mexican heritage.
10/1/2019 16:17:14	Sara Duke	saraduke@iu.edu		Rosetta Stone Coffee Mug	A Rosetta Stone coffee mug.	I got this mug from Rosetta Stone.
10/1/2019 16:17:29	Christopher Nunn	chnunn@indiana.edu		Mud balls	Art teacher's mud balls.	Art teacher's mud balls.
10/1/2019 16:19:38	Janeumann	janeuman@iu.edu		Photograph in frame	A photograph in a frame.	It is a photo of my family.
10/1/2019 16:19:38	M. Watson	briwats@iu.edu		The Other Victorians, Basic Books	The Other Victorians, Basic Books.	This book is probably one of the biggest reasons I am at IU. I first read it for my graduate program at Drew University in History and Culture.

To Sharing

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2

```
<?php
$string = file_get_contents("ObjectsToSp
$Pages = explode("-----", $string);
for ($I = 0; $count($Pages); $I++)
{
    $Object
    $ObjectII
    $ObjectII
    $ObjectII
    $Body =
    file_put
    unset($B
}
?>
```

3

```
layout: item
title:
author:
itemid: 2019-10-11-0004
imagecredit:
itemcontributor: Celine Fernandez
itemcreator:
itemssubject:
itemacquiredwhere: Indiana
itemindianacity: Fort Wayne
itemdatemade:
itemtype:
shortdesc:
categories: [ ]
tags: [ ]
---
```

About This Item

From the Contributor

This shirt represents the major identity I have, which is being Latina, Mexican-American, and first generation student going to college. It also is a place here in the university that has given me many opportunities to seek leadership within Latinx community here.

4

```
IUBHistoryHarvest / IUBHistoryHarvest.github.io
Code Issues Pull requests Actions Projects
master IUBHistoryHarvest.github.io / Fall2019 / items / 2019-10-11-0
kalanicraig Adding Fall2019 folder with static HTML f... Latest commit f7
1 contributor
381 lines (265 sloc) 13.2 KB
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="utf-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1, sh
6
7 <link rel="icon" href="/Fall2019/assets/images/logo.png">
8
9 <title>La Casa T-shirt | Identity Through Objects: Fall 2019 IU Bloomi
10
11 <!-- Begin Jekyll SEO tag v4.0.0.pre.alpha1 -->
12 <title>La Casa T-shirt - Identity Through Objects: Fall 2019 IU Bloomington History Harvest</title>
13 <meta property="og:title" content="La Casa T-shirt" />
14 <meta name="description" content="About This Object" />
```

5


History Harvest H301 Histories IUB History Harvest Artifacts Search...

Identity Through Objects: Fall 2019 IU Bloomington History Harvest

Share

La Casa T-shirt

Object contributed by Celine Fernandez (Fort Wayne)



About This Object

This is a La Casa t-shirt that says "Educación es Poder Education is Power," "La Casa home away from home since 1973," and has an IU logo on it. The contributor got it at a La Casa retreat for latinx freshman that is held at the beginning of every school year.

REPLICATION & “MINIMAL MAINTENANCE”

SIMPLE MECHANISMS

- A simple Google Form
- A basic CSV spreadsheet
- Sticky labels and markers to keep track of objects lent for processing
- Auto-generated markdown files
- Iterative updates to a Github-based repository
- A static Jekyll-based site generator

STUDENTS EXPERIENCE/WRANGLE

- The “mess of development”
- Versioning and editing
- Choices affecting publication of content as the generated, static site

DIY & “MINIMAL EXTERNALS”

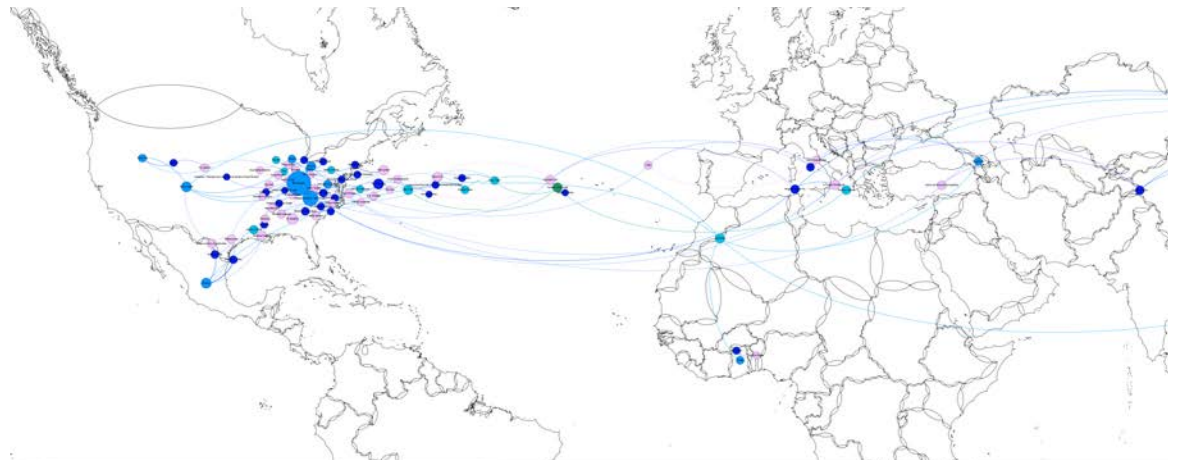
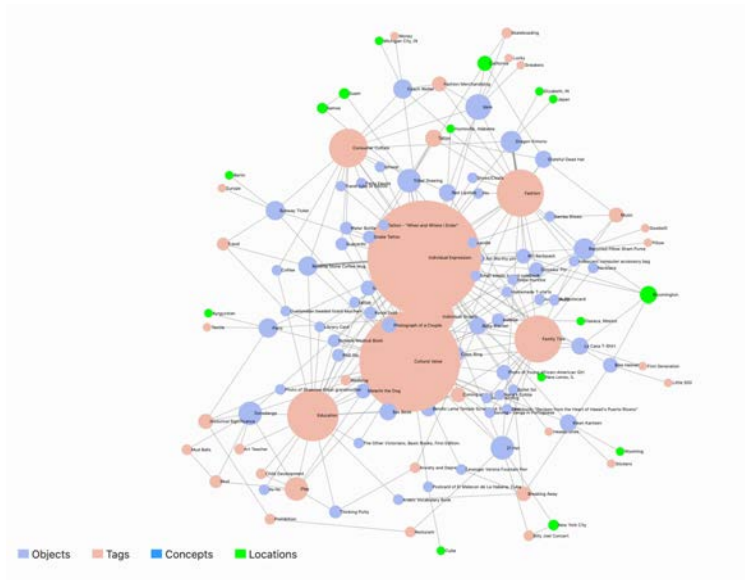
BY STUDENTS



FOR STUDENTS



ARCHIVE & ANALYSIS



<https://iubhistoryharvest.github.io/stories/Networks.html>