

# Crowdsourcing 101: Fundamentals and Case Studies

October 29, 2014

Presented by:  
Crowdsourcing Consortium for Libraries and Museums (CCLA)



[crowdconsortium.org](http://crowdconsortium.org)  
@crowdconsortium

# Today's Presenters



**Mia Ridge**

Chair of the Museums  
Computer Group at Open  
University and a member of  
the Executive Council of the  
Association for Computers  
and the Humanities (ACH)



**Ben Vershbow**

Director of NYPL Digital  
Library + Labs



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Digital Humanities  
Postdoctoral Fellow,  
Zooniverse

Crowdsourcing Consortium for Libraries and Archives (CCLA)

# Crowdsourcing 101: Fundamentals and Case Studies

29 October 2014

Mia Ridge, Open University/Trinity College Dublin

<http://miaridge.com/>

@mia\_out

# Overview

- Defining crowdsourcing
- Example projects, typical tasks and input/output content
- Participants, motivations and levels of engagement
- Design tips



# What is crowdsourcing?

'the act of a company or institution taking a function once performed by employees and outsourcing it to an undefined (and generally large) network of people in the form of an open call' (Jeff Howe and Mark Robinson for Wired, 2006)

Or, using cognitive surplus: 'the spare processing power of millions of human brains' (Clay Shirky)

# Cultural heritage crowdsourcing is...

...asking the public to undertake meaningful tasks related to cultural heritage collections in an environment where the activities and/or goals provide inherent rewards for participation. The project should contribute to a shared, significant goal or research interest.

## ...vs 'user-generated content'

- UGC: comments, creative responses or items contributed by the public
- Unlike crowdsourcing, the act of contributing is more valuable than the contribution - individual, not mutual value

Basically, cultural heritage  
crowdsourcing is...

Transforming input content into output  
content...

...via a powerful purpose and/or enjoyable  
tasks that people want to help you with

# National Library of Australia: Trove

ELECTRONICALLY TRANSLATED TEXT

Need help? [Keyboard Shortcuts](#)

Save Exit Cancel

Undo Line Insert Symbol

MISSING FRIENDS.

Circulating as it does throughout the

Southern Hemisphere. "The World's

News" is unique as a medium for the

discovery of missing friends. The

charge for these advertisements is 14

words six cash, and thereafter is per

line.

"DUTTEJRWORTH, WILLIAM, of Hull, England, who

A\* went to Australia, in 1882, and was last heard of in

1891, is requested to write to his nephew, J. W. Butter

worth, 26 Lockwood-terrace. Hull.

GILPIN, JOSEPH, last heard of at Melbourne. Conve

municate with cousin, Mary Jane Killen (now Mrs.

Cooper), 90 Watercroft, Almondbury, Yorkshire, Eng

land; ;

words 2s cash, and thereafter is per line.

**BUTTERWORTH, WILLIAM**, of Hull, England, who went to Australia in 1882, and was last heard of in 1891, is requested to write to his nephew, J. W. Butterworth, 26 Lockwood-terrace, Hull.

**GILPIN, JOSEPH**, last heard of at Melbourne. Communicate with cousin, Mary Jane Killen (now Mrs. Cooper), 90 Watercroft, Almondbury, Yorkshire, England.

**KORNER, Mrs.**, last heard of by advertiser at Wagga Wagga between 4 and 5 years ago, cooking at Experimental Farm; please communicate with Charles F. Korner, care "Tweed Herald," Murwillumbah.

**PARFITT, RICHARD PALMER**, who sailed from England in the ship Chatham, about 1852, and went to the gold diggings, Ballarat, Victoria, is sought for by daughter, Phoebe Parfitt (now Mrs. Wood), 6 St. Nicholas-rd., Sutton, Surrey. Mother died in 1886.

**ROBINSON, Mrs.** (formerly Laura Marsden), left Ras-trick, Brighouse, for Brisbane, about 1889. Please write to mother, Mrs. Jane Marsden, 88A Lilycroft-rd., Manningham, Bradford, England.

**FAIR, Mrs.** (formerly Jane Geary), left Banbridge, Ireland, for New Zealand, in 1885. Please write to brother, Rev. Joseph Geary, Killinichy, co. Down, Ireland.

**TROTTER, JOHN**, whose last address, in 1901, was Coopers, Brisbane, is sought for by Sister, Mrs. Oliver, 8 Roberts-avenue, Central-st., Cumberland-st., Hull, England.

**WOULD WALLACE WALTER ROBERTS** or **EMMA FRODSOM** (natives of Shrewsbury, England) please communicate with their sister, Mrs. Agnes Thomas, 11 Block, Stanford Merthyr, near West Maitland, N.S.W.

<http://trove.nla.gov.au/>

# FamilySearch

FAMILYSEARCH INDEXING

INDEXING NEWS PROJECTS HELP Sign In | Register Languages: English

2026

STATE OF DELAWARE  
BUREAU OF VITAL STATISTICS  
CERTIFICATE OF BIRTH

1 PLACE OF BIRTH  
County of New Castle  
Hundred of \_\_\_\_\_  
Village of \_\_\_\_\_  
City of Wilmington (No. 809 St. Second Street 3 Ward)

2 FULL NAME OF CHILD Frank Pierce Longheed (If child is not yet named, make supplemental report as directed.)

3 SEX OF CHILD M 4 Twin, Triple, or other no 5 Color or Race white 6 Legitimate yes 7 DATE OF BIRTH Feb 5 1919 11:20 A. M. (Month) (Day) (Year) P. M.

ALTERED 8-8-46

2049

Field Name	Field Value	Answers
Image Type	Normal	
State of Birth		
County of Birth		
City or Town of Birth		
Child's Given Names		
Child's Surname		
Gender		
Color or Race		
Month of Birth		
Day of Birth		
Year of Birth		

THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS  
© 1999-2011 Intellectual Reserve, Inc.  
Version: 3.11.1-0500

## 2012 Statistics

Total records indexed: 534,108,416

Total records arbitrated: 263,254,447

Total volunteers contributing: 348,796

Total estimated hours contributed: 12,764,859

On "5 Million Name Fame" event day, July 2012:

Indexed Records: 7,258,151

Arbitrated Records: 3,082,728

Total Records Worked: 10,340,879

Volunteers participating: 46,091.

<https://familysearch.org>

# Transcribe Bentham



Wikitext Preview Changes

'''[[fullurl:JB/002/250/001|action=edit]] Click Here To Edit]]''  
<!-- ENTER TRANSCRIPTION BELOW THIS LINE -->

<head>159</head>

<p>including so many comparatively petty Towns and<lb/> even Villages &#x2014; even for the period of greatest <lb/> abundance: &#x2014; and yet at a period of inferior<lb/> abundance we find £200,000 the quantity<lb/> spent by a single Town in a town of inferior<lb/> rank &#x2014; Newcastle! How small<lb/> may be the quantity <del>of it</del> in issue in the inclusion <lb/>in which it is <gap/>, it seems impossible to<lb/> say: &#x2014; no <del><gap/></del> <add>more</add> than a few thousands, possibly,<lb/> &#x2014; or even hundreds : &#x2014; in that case a few such <lb/>instances as Newcastle and many there can <lb/>hardly be &#x2014; would go but a small way towards <lb/>making up the deficiency of the <add>Towns of the</add> smaller and<lb/> more numerous classes to such a degree as to <lb/>give any such average as <del>£60,00</del> the Bristol<lb/> complement of £60,000, upon the whole.</p>

<p>Meantime in this account no other paper <lb/>(it is to be observed) is comprized, than what is called <lb/><hi rend="underline">Cash</hi> paper: paper payable on demand. <add>Of</add> <del>Concerning</del> <lb/>the paper <del>spread in other towns</del> <add>bearing other conditions &#x2014; </add> <del>such as</del> <lb/>for <del>example</del> <del><add>instance</add> payable <del>in</del> <del>so many days after</del> <unclear>ight</unclear><lb/> (of which <del><gap/> from</del> <add>according to</add> private information examples<lb/> are not wanting) the amount remains in total <lb/>darkness. <gap/> concerning paper carrying <lb/>interest, but the interest not commencing till <lb/>a certain number of months (<add>six months</add> in the instance of <lb/>certain Newcastle Banks) after date? &#x2014; Is this <lb/>comprized or not, under the denomination of cash<lb/> paper?

<!-- DO NOT EDIT BELOW THIS LINE -->  
{ {Metadata: { {PAGE NAME}} } }

This is a minor edit ☐ Watch this page

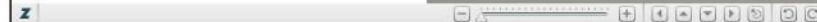
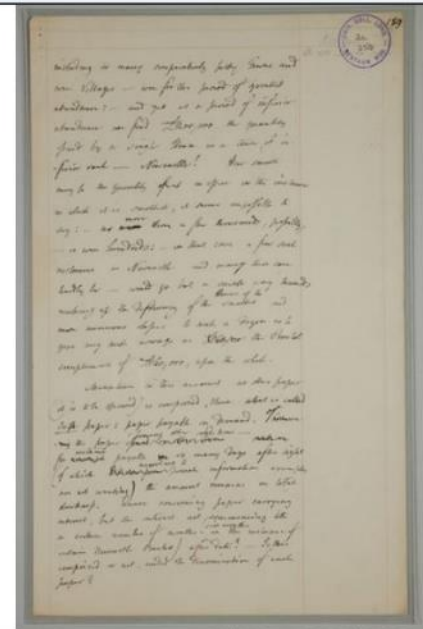
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To use the Javascript viewer [click here](#) instead.



# Metadata Games

METADATAGAMES<sub>BETA</sub>

[Search](#) | [Contact](#) | [Login](#) | [Register](#)

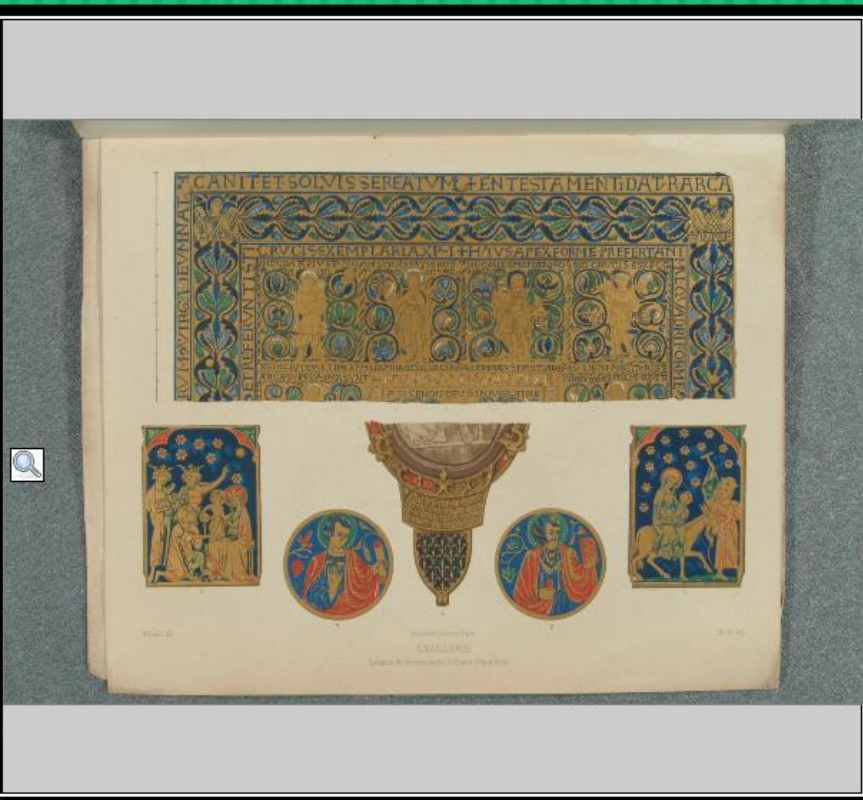
1:53



HUMAN: WHAT IS IN THIS IMAGE?




QUIT





# Micropasts

MicroPasts[MicroPasts home](#)[Contributors](#)[Applications](#)[About](#)[Forum](#)[Sign in](#)


## Photo Masking: Contribute



Draw the outline and/or holes of the main object shown in the picture


[Tutorial](#)[Community Help](#)[Different photomask?](#)[Different photomask?](#)

[Photo loaded!](#)[Outline](#)[Holes](#)

[Draw](#)[Edit](#)[Remove all polygons](#)[Save the drawings](#)





 © Micropasts

You are working now on task: **6246**

You have completed: **1** tasks from **37**

<http://micropasts.org/>

# British Library Georeferencer

BRITISH LIBRARY

## ONLINE GALLERY

See 30,000 items from our collection

Chris Fleet  
Sign out

Instructions for this tool (PDF)

Georeference another map

Georeference

Visualize

Accuracy

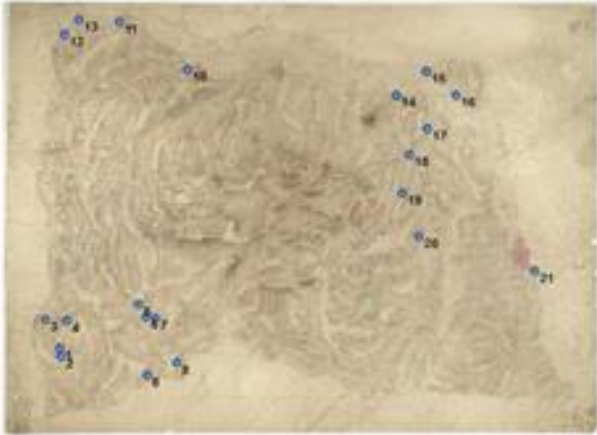
This map

Control points

Clip

+

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BRITISH LIBRARY

Leicester and Loughborough — 1815

Find a place

SAVE

Nottingham

OpenStreetMap by MapQuest

OpenStreetMap by MapQuest

OpenStreetMap by CloudMade

Google Streets


Google Satellite

Google Hybrid

Google Terrain

NLS Historical Maps (UK)

Ordnance Survey OpenData (UK)



OpenStreetMap by MapQuest

OpenStreetMap by CloudMade

Google Streets

Google Satellite

Google Hybrid

Google Terrain





NLS Historical Maps (UK)

Ordnance Survey OpenData (UK)

Georeferencer © 2012 Kohan Technologies & Mapbox Library

<http://www.bl.uk/maps/>

# Reading Experience Database

    	<b>Record Number: 16878</b>
<b>Reading Experience:</b>	
<b>Evidence:</b>	
'Sunday 3 October. I am reading "A Room of One's Own". Most delightful and profound - if I had the time I would write an essay about life in the WRNS'	
<b>Century:</b>	1900-1945
<b>Date:</b>	3 Oct 1943
<b>Country:</b>	England
<b>Time</b>	n/a
<b>Place:</b>	n/a
<b>Type of Experience (Reader):</b>	silent aloud <b>unknown</b> solitary in company <b>unknown</b> single serial <b>unknown</b>
<b>Type of Experience (Listener):</b>	solitary in company unknown single serial unknown
<b>Reader / Listener / Reading Group:</b>	
<b>Reader:</b>	<u>Barbara Pym</u>
<b>Age:</b>	Adult (18-100+)
<b>Gender:</b>	Female
<b>Date of Birth:</b>	2 Jun 1913
<b>Socio-Economic Group:</b>	Professional / academic / merchant / farmer
<b>Occupation:</b>	Writer
<b>Religion:</b>	Church of England
<b>Country of Origin:</b>	England
<b>Country of Experience:</b>	England
<b>Listeners present if any: e.g family, servants, friends</b>	n/a

# Typical tasks in crowdsourcing

- Task granularity: 'microtasks' to long-term, complex tasks
- Tagging (subjective, factual; free-text, vocabularies; mark-up, tags)
- Transcribing (including OCR correction)
- House-keeping (moderating forums, flagging content for review)
- Sharing knowledge (personal or researched)
- Creating links, relationships, categorising
- Stating preferences, opinions
- Crowdfunding

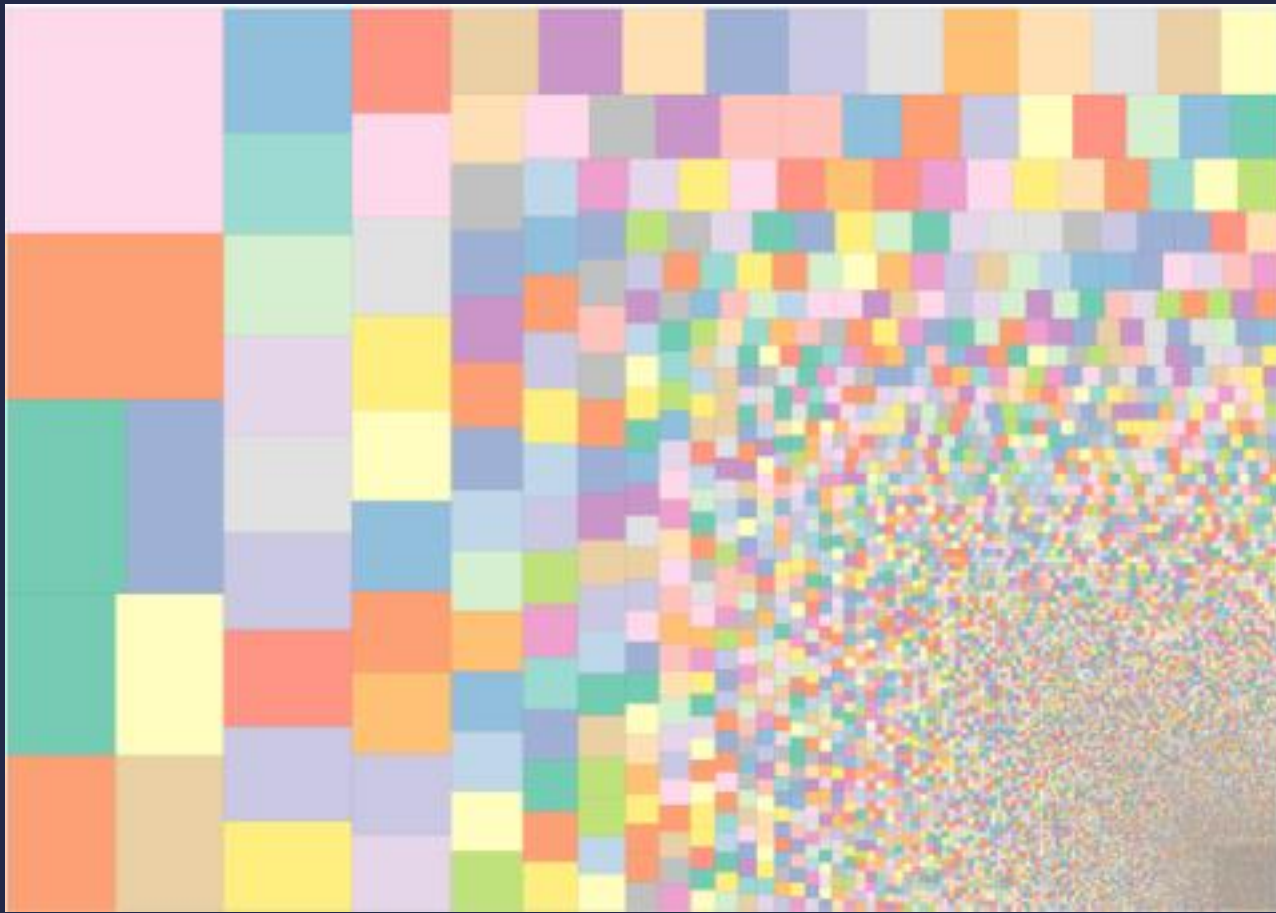
# Who participates in crowdsourcing?



UW Digital Collections [http://www.flickr.com/photos/uw\\_digital\\_images/4476958262/](http://www.flickr.com/photos/uw_digital_images/4476958262/)



# Super-contributors and drive-bys



‘16,400 little boxes – one for each person who’s contributed to oldWeather. The area of each box is proportional to the number of pages transcribed, between us all we’ve done 1,090,745 pages.’

<http://blog.oldweather.org/2012/09/05/theres-a-green-one-and-a-pink-one-and-a-blue-one-and-a-yellow-one/>

# Motivations for participation



Powerhouse Museum Collection [https://secure.flickr.com/photos/powerhouse\\_museum/2633069104/](https://secure.flickr.com/photos/powerhouse_museum/2633069104/)

# One task...

## ELECTRONICALLY TRANSLATED TEXT

Need help? Keyboard Shortcuts

Save Exit Cancel

Undo Line Insert Symbol

ngne would be disposed to Irigs;iiim. ('Hear,'- and a  
Itosli.) In' condusioii, ne , would urge upon their the,'  
advantage of seu'-reliance, and endeavour to impress upon,  
their minds thatof they wished, to have jusKee done them\*  
they must strenuously urga. their reasonable claims.'  
(Cheers.)  
Mr. Lucas seconded the motion. When ^ljeiaw a work  
'ofsuchmagitudebroughtfo'wardj.he thought the Go-1  
vernment fully justified m\l-orrowing money for its com  
pletion. As to the opponents, 'of. borrowinff, he should'  
like to ask some of them if they knew what three months'  
bills meant— (a laugh)— or three months' bills two or  
three times renewed ;, of their overseers' drawing orders  
upon them from their stations, which wasonly another  
form !of borro^ving, as his pocket could boar testiinonv;  
(He.ir, hear, and a laugh.) rThe railway might probably  
cost mora than was estimated, but at the same'tirne the  
rrailw returns were very much underrated. The produce  
from the north was daily in^reasinsr — land ? . was rapidly  
gettirn into cultivation— and it would increase still more  
with t{ie oonstrnaton and extension of a rujhvav. He

## THE AUSTRALIAN REGISTER, WEDNESDAY, SEPTEMBER 12, 1853.

have been found there were now, thriving and populous villages. If this were the case in old countries, how much more would it be so in new ones. At present the road to Gawler Town was in a dreadful state—a state disgraceful to the Central Road Board, which for years had had the laying out of so much money. If the railway were constructed they would not only have a good road from Adelaide to Gawler Town, but good roads from all the neighbouring districts to the same point. He had not often been able to support the measures of Government, but he could conscientiously do so in the present instance; for the proposed railway would not only benefit the district with which he was more immediately connected, but would be advantageous to the public at large. When they found that in two hours they could have produce or stores conveyed by the railway between Gawler Town and Adelaide, all those who were present that evening would congratulate themselves upon their having taken part in its promotion; and he was glad to be able to address his constituents (whom, after a hard struggle, he had the honour of representing) upon a subject where they were all agreed, and where none would be disposed to hiss him. ("Hear," and a laugh.) In conclusion, he would urge upon them the advantage of self-reliance, and endeavour to impress upon their minds that if they wished to have justice done them they must strenuously urge their reasonable claims. (Cheers.)

Mr. LUCAS seconded the motion. When he saw a work of such magnitude brought forward, he thought the Government fully justified in borrowing money for its completion. As to the opponents of borrowing, he should like to ask some of them if they knew what three months' bills meant—(a laugh)—or three months' bills two or three times renewed; of their overseers' drawing orders upon them from their stations, which was only another form of borrowing, as his pocket could bear testimony. (Hear, hear, and a laugh.) The railway might probably cost more than was estimated, but at the same time the traffic returns were very much underrated. The produce from the north was daily in reasing—land was rapidly getting into cultivation—and it would increase still more with the construction and extension of a railway. He then read his own estimate of the probable cost and return of the railway, which was still more favourable to

## LAW AND CRIMINAL COURTS.

### SUPREME COURT—CIVIL SIDE.

TUESDAY, SEPTEMBER 12.

[Before Mr. Justice Cooper.]

AYLWIN V. DAY.

Mr. Wearing for the plaintiff; Mr. Gwynne for the defendant.

This was a new trial of an action for £230, obtained, as alleged, by false pretences, which was decided in favour of the plaintiff last term. The plaintiff, a new arrival in the colony when the cause of action occurred, was a wine merchant in Adelaide, but desired to become a stockholder and owner of a cattle or sheep-run. He signified his desire to a person named Tyrrell, who undertook to look for a suitable run. A treaty was opened with the defendant, who stated that he had a run in the neighbourhood of Mount Arden to dispose of. It was arranged that Tyrrell should visit the run, and on his approval the plaintiff was to purchase it for the agreed price of £230. Tyrrell left in company with the defendant, who was to accompany him to Gawler Town, from which place he was to proceed to Clare, and from thence the defendant's brother was to accompany and show him the run. It appeared, however, that, instead of acting on that arrangement, Tyrrell accompanied the defendant to his house on Gawler Plains, where he remained for about a week, and then returned to Adelaide and reported to the plaintiff in the presence of the defendant that he had seen the run and approved of it, stating that it would keep from 10,000 to 15,000 sheep. Upon the faith of that report the plaintiff completed the purchase, and gave the defendant £100 on account. That was on the 26th December last. The remaining £130 was paid a week after. The defendant handed over a paper to the plaintiff, as follows:—

"December 28th, 1853.

"New run approved for by Mr. John Day on the 10th November, 1853.—W. JAMES, pro Commissioner of Crown Lands."

The defendant stated at the same time that on presenting that paper the Crown Lands Commissioner would hand over a lease. The plaintiff believed he had purchased a

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# ...many motivations for participation

- Altruistic
  - helping to provide an accurate record of local history
- Intrinsic
  - reading 18thC handwriting is an enjoyable puzzle
- Extrinsic
  - an academic collecting a quote from a primary source

# Extrinsic motivations

gwap ESP Game Tag a Tune Verbosity Squigl Matchin logged in

**Most Points Today**

1	guest239251	31 k
2	Edros	21 k
3	krava	19 k
4	unforeseen	13 k
5	guest239250	12 k
6	lecharpe	6,800
7	krishuntoon	6,400
8	guest239255	6,300
9	sdot	6,200
10	guest239277	6,100

score 0

**ESP Game**  
Concentrate...


time 2:43

**What do you see?**

taboo words

- guy
- elefant

guesses



Play Anonymously

+ submit → pass

**BONUS!**  
5,000 PTS

<http://gwap.com>

# Altruism



home based microvolunteer  
actions that benefit so many  
worthy causes *800+ actions*

Login

Everyone's completed  
actions: 2857

Search website Find

Home All about us Actions Action Tracker Projects Campaigns FAQ's Feedback Do More! Contact Us

**CHANGE THE WORLD IN JUST YOUR PYJAMAS!**

### What is Microvolunteering?

Volunteer your time in bite sized chunks, from your own home and when you want to. Benefit worthy causes to suit your lifestyle at your own convenience. Dip in, dip out with absolutely no commitment. No specialised skills required. It's all FREE!

*And, oh yeah, you can do them in your pyjamas!*



<http://helpfromhome.org/>

# Intrinsic motivations

- fun
- the pleasure in doing hobbies
- the enjoyment in learning
- mastering new skills, practicing existing skills
- recognition
- community
- passion for the subject





# Motivations as opportunities

People crave:

- satisfying work to do
- the experience of being good at something
- time spent with people we like
- the chance to be a part of something bigger

(Jane McGonigal, 2009)



State Library of New South Wales

<https://www.flickr.com/photos/29454428@N08/2880982738>

# Motivations for organisations

- Fix the 'semantic gap' and enhance discoverability
- Digitisation backlog: collections are big, resources are small
- Create engaging, meaningful experiences for the public
- Access external knowledge and expertise

# Going beyond 'microtasks'

- How can participants grow beyond 'classify this image' or 'type what you see'?

# Participatory project models

## Contributory

- the public contributes data to a project designed by the organisation

## Collaborative

- both active partners, but lead by organisation

## Co-creative

- all partners define goals together

(Center for Advancement of Informal Science Education (CAISE))



# 'Levels of Engagement' in citizen science

- Level 1: participating in simple classification tasks
- Level 2: participating in community discussion
- Level 3: 'working independently on self-identified research projects'

(Raddick et al, 2009)



State Library of Queensland, Australia

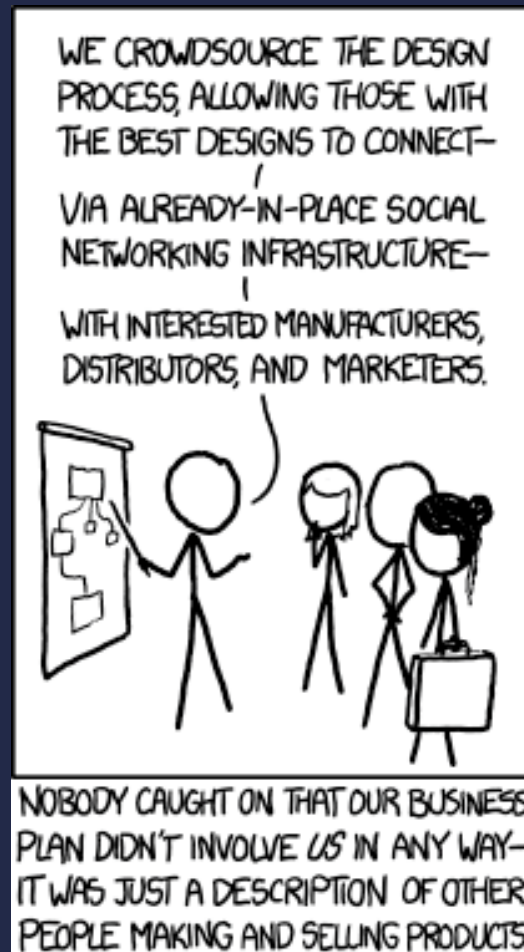
<https://www.flickr.com/photos/statelibraryqueensland/4603281578/>

78/

# FamilySearch 'stepping stones'

- Indexing as 'introductory, family history education' including:
  - Knowledge about record types
  - Genealogical information
  - Handwriting practice
- From indexing, can move to 'arbitration'
- Or onto your own family history research

# The ethics of crowdsourcing



<http://xkcd.com/1060>

# Design tips

# Validate procrastination



Show,  
don't tell

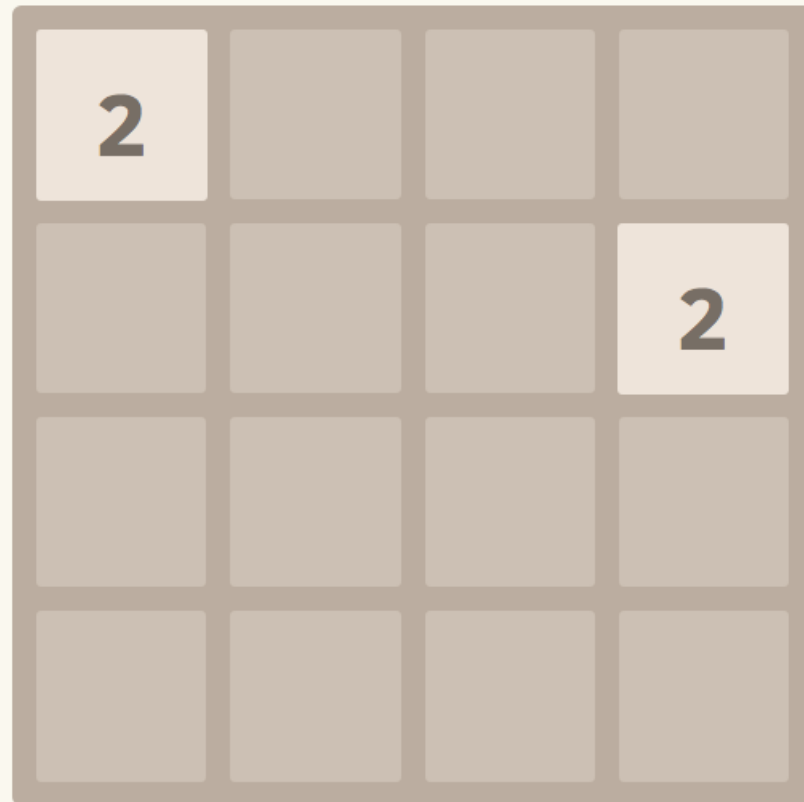
# 2048

SCORE  
0

BEST  
0

Join the numbers and get to the **2048** tile!

New Game

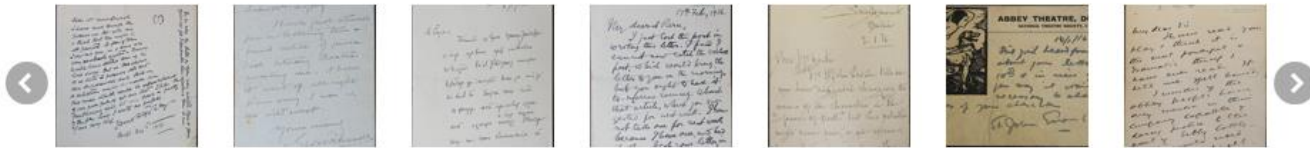


**HOW TO PLAY:** Use your **arrow keys** to move the tiles. When two tiles with the same number touch, they **merge into one!**



# Work with compelling content

## Art and literature



## Business



## Children



## City and town life



## Country life



# Other design solutions

- Understand and remove barriers to participation
- Emphasise importance of contribution
- Find interesting tasks, material
- Look to existing uses, communities
- Invest in community interaction, feedback



# Design for cultural heritage crowdsourcing

- Understand your potential audiences' interests and motivations
  - Understand the quirks of your material
  - Anticipate uses of the output content
  - Understand barriers to participation
- then...
- Tailor your design to suit

# Future design challenges

- Integrating machine learning and human computation
  - What happens if we run out of meaningful tasks?
- Designing for mobile
- Participant retention
- Resources - crowdsourcing as 'free puppy'

# Thank you!

Mia Ridge  
Open University/Trinity College  
Dublin  
<http://miaridge.com/>  
@mia\_out

Find out more:  
Crowdsourcing our Cultural  
Heritage  
<http://www.ashgate.com/isbn/9781472410221>

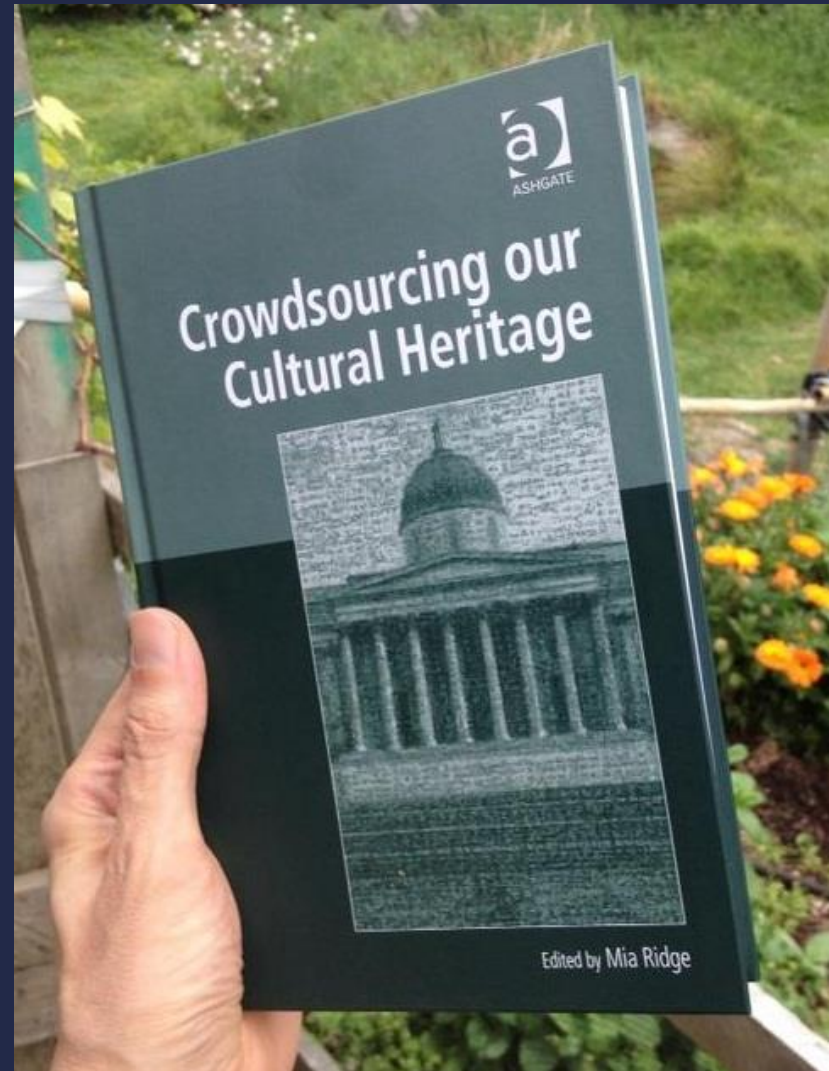


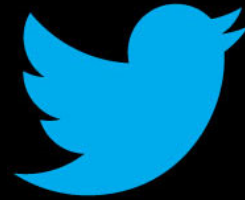


Image: Astra Wijaya

# Crowdsourcing Iterations at NYPL Labs

Ben Vershbow - Director, Digital Library + Labs, New York Public Library

Consortium for Crowdsourcing in Libraries and Archives – Oct 29, 2014



@subsublibrary

@nypl\_labs



New York  
Public  
Library



*In the beginning...*










NYPL Map Warper


Logged in as: Ben Vershbow My Maps My Activity Settings

Home Browse All Maps Browse Rectified Maps Browse All Layers

Home > Maps > Layers > Layer 861

 **Maps of the city of New York / surveyed under directions of insurance companies of said city.**  
Depicts : 1854 Bibliographic records: CATNYP record  
**98 maps (98 maps rectified 100%)**  
(Visible) Download KML  
Share |    |  Export

Show Digitize Export Metadata Comments (0)



Transparency: 100





Double-click on both maps, then click **Add Control Point**. Do this for at least three points.

Control Panel

New control point added.

**Control Points**

Point	Image X	Image Y	Lon	Lat	Error(0.00)	
1	479.763368983951	908.737967914431	-73.9818515564	40.7680046396	5.90	delete
2	484.085561497321	2058.44117647051	-73.9728822494	40.7642342592	5.90	delete
3	6007.84759358281	2062.763368983951	-73.9492358948	40.7968117327	5.93	delete
4	6020.814171123	934.67112299465	-73.9581622864	40.8005640211	5.93	delete

**Add Control Point Manually**


**Advanced options**

**Warp Image! →**

Georectification task

[Home](#)
[Browse All Maps](#)
[Browse Rectified Maps](#)
[Browse All Layers](#)

Home > Search > Maps > Map 8697




**Plate 6, Part of Section 1: Bounded by Reade Street, Duane Street, New Chambers Street, Roosevelt Street, Cherry Street, Franklin Square, Frankfort Street, Cliff Street, Beekman Street, Gold Street and Ann Street.**

from Atlas of the city of New York, borough of Manhattan. From actual surveys and official plans / by George W. and Walter S. Bromley. (In 2 layers) Depicts: 1899 Last modified 15 days ago. 4 control points.

[View CATNYP Record](#) | 
 [View Digital Gallery record](#) | 
 [Download KML](#) | 
 [Share](#) | 
 [my](#) | 
 [Export](#)

[Show](#)
[Preview Rectified Map](#)
[Comments \(0\)](#)

Viewing warped map



Transparency: 100

OpenStreetMap



NYPL Map Warper

Logged in as: Ben Vershbow My Maps My Activity Settings


[Home](#) [Browse All Maps](#) [Browse Rectified Maps](#) [Browse All Layers](#)

Home > Maps > Layers > Layer 861



**Maps of the city of New York / surveyed under directions of insurance companies of said city.**  
Depicts : 1854 Bibliographic records: CATNYP record  
**98 maps (98 maps rectified 100%)**  
(Visible) [Download KML](#)  
[Share](#) | [Facebook](#) | [Twitter](#) | [Export](#)

[Show](#) [Digitize](#) [Export](#) [Metadata](#) [Comments \(0\)](#)



Transparency: 100




NYPL Map Warper

[Home](#)
[Browse All Maps](#)
[Browse Rectified Maps](#)
[Browse All Layers](#)

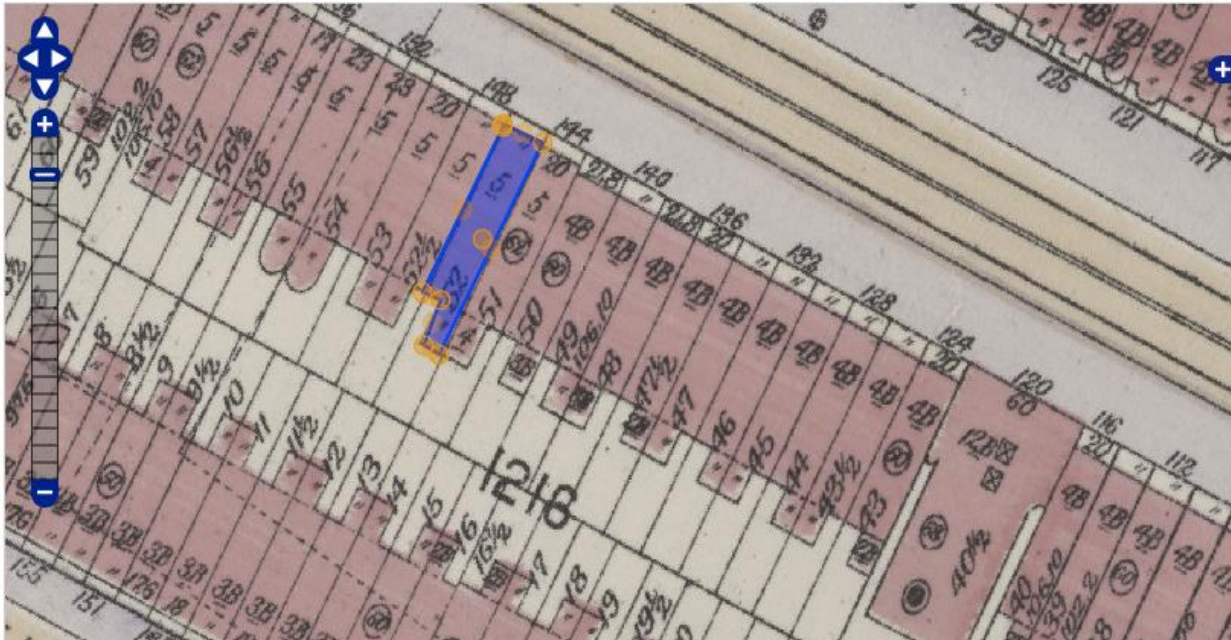
Logged in as: **Ben vershow**
[My Maps](#)
[My Activity](#)
[Settings](#)
[Log Out](#)

[Home](#) > [Maps](#) > [Layers](#) > Layer 862



**Atlas of the borough of Manhattan, city of New York.**  
 Depicts : 1916  
**191 maps (183 maps rectified 96%)**  
 (Visible) [Download KML](#)  
[Share](#) | [Facebook](#) | [Twitter](#) | [Google+](#) | [Export](#)

[Show](#)
[Digitize](#)
[Export](#)
[Metadata](#)
[Comments \(0\)](#)



**Edit and Add New Features**
[Download](#)
[Save to Server](#)
[Delete](#)
[Paste Last](#)

Layer to edit: **Buildings**

**Attributes**

Name:   
 Number:   
 Street:   
 Materials:   
 Use Type:   
 Use SubType:   
 Comment:   
[Save Attributes](#)

**Changed Features**

Id	Name	Number	Street





Open Data:  
ESRI Shapefile, WMS, KML, CSV, GeoRSS

## Progress:

> 5 thousand maps warped

> 120 thousand buildings transcribed



## Challenges:

- transcription bottleneck
- steep learning curve  
(most transcription activity through onsite  
'citizen cartography' workshops or classroom projects)



# NYPL Labs What's on the menu? Est. 2011

 Search keyword(s) 
[Menus](#) | [Dishes](#) | [Data](#) | [Blog](#) | [About](#) | [Help](#)

FRESH MENUS! FRESH MENUS! FRESH MENUS! FRESH MENUS! FRESH MENUS! FRESH MENUS! FRESH MENUS! FRESH MENUS! FRESH MENUS! FRESH MENUS! FRESH MENUS!

## Help The New York Public Library improve a unique collection!

We're transcribing our historical restaurant menus, dish by dish, so that they can be searched by what people were eating back in the day. It's a big job so we need your help! [Learn more.](#)

Connect: [menus@nypl.org](mailto:menus@nypl.org) | [Twitter](#) | [Facebook](#)

We need you!



**Help transcribe**



It's easy! No registration required!

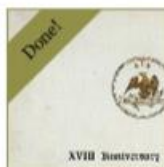
So far: **1,242,566 dishes** transcribed from **16,788 menus**

## Time to pay the taxman

Take the sting off April 15 with these financial menus!



Attaches Office Of  
Commission...  
1908  
25 dishes



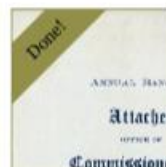
American  
Association Of  
Public...  
1905  
23 dishes



Manhattan Single  
Tax Club  
1899  
21 dishes



Farewell  
1890  
18 dishes



Attaches Office Of  
Commission...  
1906  
22 dishes



Manhattan Single  
Tax Club  
1893  
15 dishes



## Map our Menus!

Need a break from transcribing?  
Help us locate menus with our new  
[Geotagger](#) tool.

## Help review

Transcribed menus that need a second pair of eyes.

## Explore

Browse the collection. 16,788 menus digitized and

## Today's specials

An assortment of dishes from the



NATIONAL ENDOWMENT FOR THE

**Humanities**



INSTITUTE of  
**Museum and Library**  
SERVICES



New York  
Public  
Library

What's on the menu?

NYPL Labs

Search keyword(s)

Menus | Dishes | Data | Blog | About | Help

White Squash 30   Hearts of Palm 75   Cauliflower 40  
Onions 25   ★ Artichoke 60   Beets 25   Okra 40  
**SALADS**  
➤ Alligator Pear 40  
Tomato 35   Romaine 30   Cucumber 30  
Waldorf 35   Watercress 30   Celery 35

in Dollars (only if you see a price). More than one price?

☐ This is my best guess (text is not 100% readable)

or Cancel

Transcription task



Waldorf Astoria: Menus: Whats on the menu?

menus.nypl.org/menu\_pages/69987

A New York Public Library website Explore others!

NYPL Labs

# What's on the menu? Menu

Search keyword(s)

Menus Dishes Data Blog About Help

Dishes done? Submit for review

Waldorf Astoria

Transcribe this menu!

INDEX

## Dinner

Bluepoint Oysters 30  
Lobster Cocktail 70  
"Parisian Luncheon" 50  
CAVIAR, SPECIAL IMPORTATION 1.25  
Anchovies in Mustard 30  
Olives 25  
Canapé of Caviar 60  
India Relish 15  
Sardellen 50  
Royaume, Bordelaise 50  
French Sardines 40  
Anchovy Salad 50

SOUPS  
Cream of Watercress 30  
Mongol 30  
Zermicelli 25  
Crouste-au-pot 25  
Italian Paste 25  
Lambo, Crêole 35  
Sausage of Clams 30  
Green Turtle 50  
Chicken Okra 35  
Tomato Broth 35  
Chicken Broth 35  
Chicken Okra 35

FISH  
Fillet of Sole, Joinville 50  
English Sole 1.25  
Fried Frog's Legs 75  
Pompano, Foyat sauce 50  
Salmon, Hollandaise sauce 50  
Frog's Legs 50  
Fried Soft Shell Crabs 50  
Trout 50  
Sauté, Meunier 55  
Fresh Mackerel, Gooseberry sauce 75  
Sea Bass, Bonnefemme 55


ENTREES  
Loin of Veal with Chateaufort of Spinach 50  
English Mutton Chop 75  
Capon 4.00  
Squab 1.00  
Chicken (half) 1.25  
Spring Turkey, Giblet sauce 65  
City Duck (half) 1.50  
Soft Clams, Newburg 1.00  
Half Guinea Hen with Grapes 1.25  
Bouchée of Chicken 50  
Sweetbread à la Lieb 90  
Mutton 45  
Spring Lamb 65  
Goatling (half) 2.00  
Guinea Hen (half) 1.00  
Capon (half) 2.00  
Chicken (half) 1.00  
Squab 1.00  
Spring Duckling (half) 1.50  
Squab Chicken (half) 80  
Hamburg Chicken 1.25  
Philadelphia Pullet (half) 1.50

BROILED  
CORRET MANDARINE 40

Dish	Price
Cherry Stone Clams	0.35
Bluepoint Oysters	0.3
Little Neck Clams	0.3
Crab Flake Cocktail	-
Lobster Cocktail	0.7
"Parisian Luncheon"	0.5
Anchovies In Mustard	0.3
Canape Of Caviar	0.6
Buffet Russe	-
Caviar, Special Importation	1.25
Olives	0.25
Radishes	0.25
India Relish	0.15
Celery	0.3
Senfgurken	0.25
Spiced Beets	0.25
Sardellen	0.5

Transcription task




NYPL Labs 

# What's on the menu? Menus









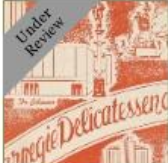
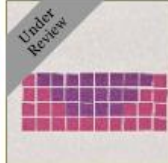

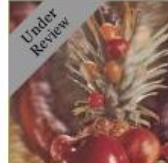












Search keyword(s)

Menus	Dishes	Data	Blog	About	Help
-------	--------	------	------	-------	------

All 1850's 1860's 1870's 1880's 1890's 1900's 1910's 1920's 1930's 1940's 1950's 1960's 1970's 1980's 1990's 2000's

All: 2,528 menus Show: All | New | Under Review | Done  Sort by: Date | Name | Dish Count

These menus have been transcribed by the public but need a second pair of eyes. Help us ensure quality by looking for typos, fixing prices, and filling in missing data. Click any menu to begin.


							
Zum Durnbrau 2005 210 dishes	Nachrichten Treff 1988 198 dishes	Cracker Barrel 1987 113 dishes	D.B. Kaplan's Delicatessen 1987 323 dishes	Hofbrauhaus 1987 147 dishes	Patisserie Lanciani 1987 33 dishes	Trans World Service 1987 52 dishes	Hotel Vier Jahreszeiten 1986 102 dishes
							
Carnegie Delicatessen And Restaurant 1985 277 dishes	Rosa Mexicano 1985 53 dishes	The Russian Tea Room And Café 1985 123 dishes	Movenpick Dreikonighaus 1981 129 dishes	Hotel Gramercy Park 1980 72 dishes	Gramercy Park Hotel 1980 54 dishes	The Sauté Café 1979 80 dishes	Shane's 1978 115 dishes
							

Quality assurance workflow

## Quality assurance:


- 3-step workflow
  - honor system
- very few instances of abuse



 A New York Public Library website [Explore others!](#)

What's on the menu? / Geotagger

373-375 West Street, New Y [FIND ON MAP](#)



Powered by [Leaflet](#) — [Terms & Feedback](#)

☐ More than one address?

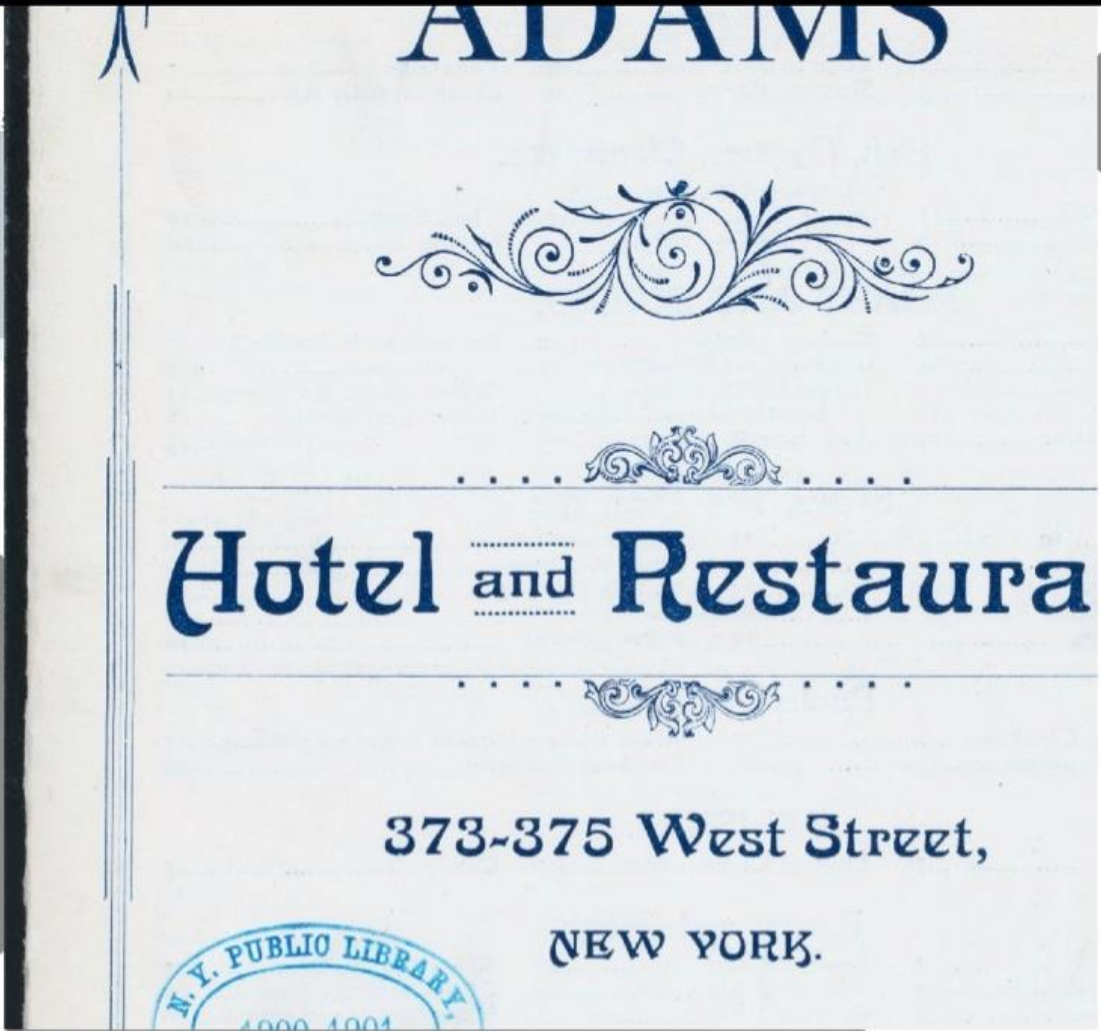
[SKIP](#) [SHIP](#) [TRAIN](#) [PLANE](#) [SUBMIT](#)

Leave an explanatory note/link (optional)

[View menu record page](#)

Locate our menus on the Earth:

1. See what geographical information you can find in the menu to your right (e.g. "Switzerland", "Columbus, Ohio", "36 Madison Avenue, New York NY")
2. Find that place on the map. You can either enter the information into the search box, or manually locate it by clicking and zooming.
3. When you feel reasonably confident about the location, click submit. If it is more of a general location (e.g. city, country), zoom out further. If you have street-level info, zoom in.
4. If this is a transportation menu, click the



Geolocation task

## Progress:

> 1.3 million transcriptions

> 20 thousand geolocations



A New York Public Library website

Explore others!

NYPL Labs

## What's on the menu? Dishes

Search keyword(s)

Go

Menus

Dishes

Data

Blog

About

Help

## Alligator Pear

Alligator pear (14)

Alligator Pear (1)

Alligator Pear (1/2) (2)

alligator pear (2)

## Price

Low: \$0.30 → High: -

## Date appearing

Earliest: 1901 → Latest: 1957



Placement map: where this dish appears on the page.

### More information on "Alligator Pear":

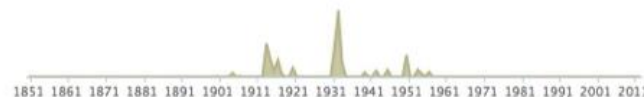
Images

NYPL Digital Gallery, Flickr, Google Images.

Recipes

Epicurious, Google Recipe.

Books etc



## Normalized frequency per year

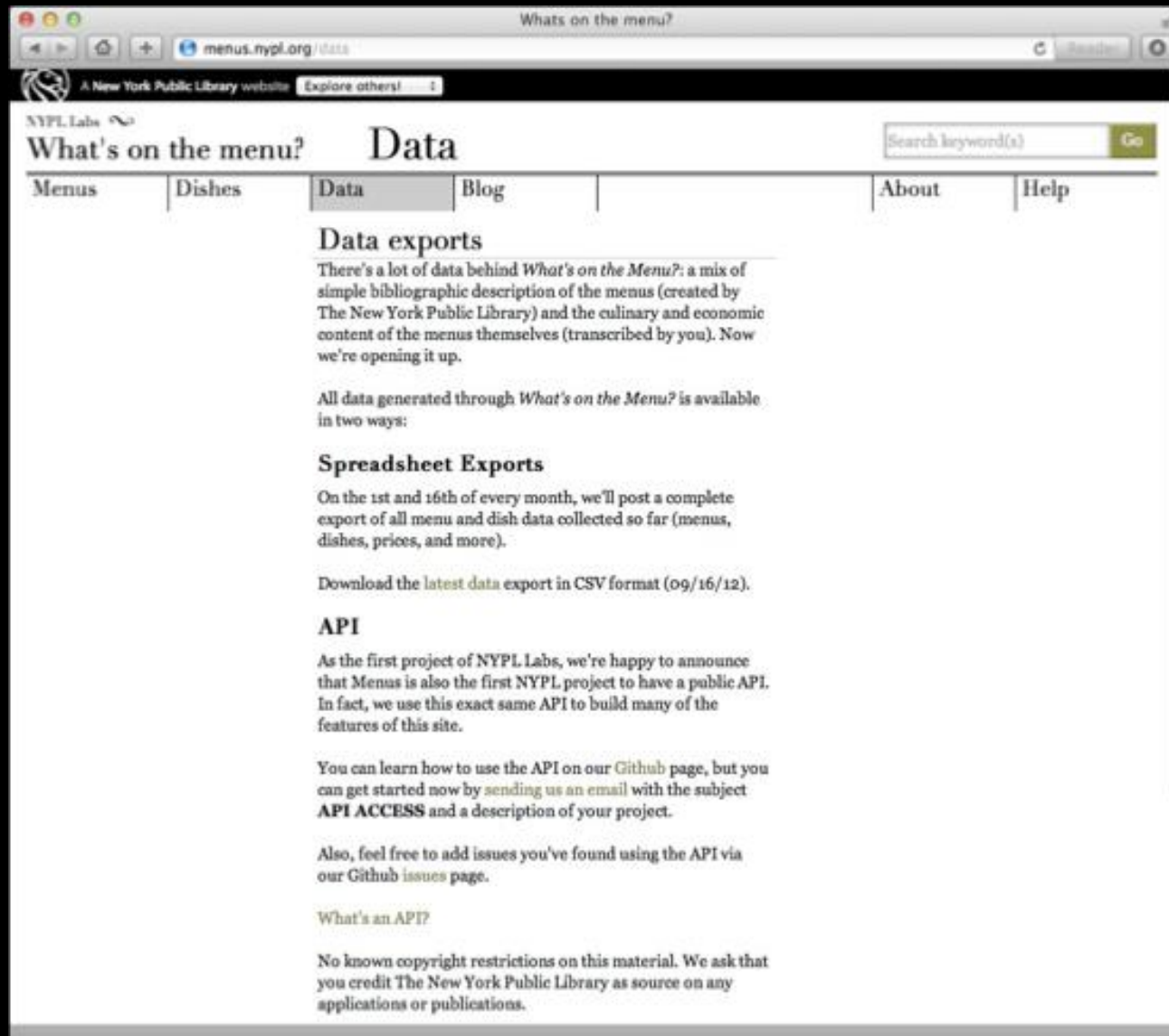
Appear in 148 menus. Showing first 128: [View all 148 menus](#)



## Related dishes

Click the + sign to add a dish to charts on this page or the eye to view its information page.

- + Alligator Pear Figaro (1)
- + Alligator Pear (half) (19)
- + Alligator Pear [Salad] (1)
- + Alligator Pear Florida (1)
- + Salad, Alligator Pear (24)
- + Alligator Pear salad (39)
- + Alligator pear [salad] (1)
- + half alligator pear (2)
- + Alligator pear (salad) (1)
- + Alligator Pear Smithfield (1)
- + Alligator Pear, Half (1)
- + Alligator pear(half) (1)
- + Salad - Alligator Pear (1)
- + Alligator Pear, half (5)
- + Alligator Pear Salad (159)
- + Alligator Pear Waldorf (1)



The screenshot shows a web browser window with the address bar displaying 'menus.nypl.org/data'. The page title is 'What's on the menu? Data'. The navigation bar includes links for 'Menus', 'Dishes', 'Data' (which is highlighted), 'Blog', 'About', and 'Help'. A search bar is located in the top right corner with the placeholder text 'Search keyword(s)' and a 'Go' button. The main content area is titled 'Data exports' and contains the following text:

There's a lot of data behind *What's on the Menu?*: a mix of simple bibliographic description of the menus (created by The New York Public Library) and the culinary and economic content of the menus themselves (transcribed by you). Now we're opening it up.

All data generated through *What's on the Menu?* is available in two ways:

### Spreadsheet Exports

On the 1st and 16th of every month, we'll post a complete export of all menu and dish data collected so far (menus, dishes, prices, and more).

Download the [latest data](#) export in CSV format (09/16/12).

### API

As the first project of NYPL Labs, we're happy to announce that *Menus* is also the first NYPL project to have a public API. In fact, we use this exact same API to build many of the features of this site.

You can learn how to use the API on our [Github](#) page, but you can get started now by [sending us an email](#) with the subject **API ACCESS** and a description of your project.

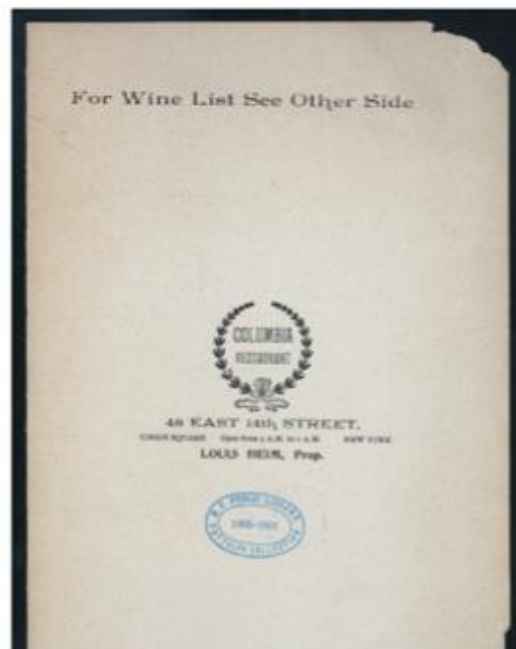
Also, feel free to add issues you've found using the API via our [Github issues](#) page.

### What's an API?

No known copyright restrictions on this material. We ask that you credit The New York Public Library as source on any applications or publications.

## Curating Menus

We are scholars researching questions about food and culture using the historical menu collections from the New York Public Library.



Featured

### When a Woman Collects Menus

The collection of historic menus at the New York Public Library (NYPL) was created by a woman named Frank E. Buttolph. We found ourselves compelled to tell a better and fuller story about her and her work as collector in the early twentieth century.

[Read more](#)

## Challenges:

- digitization bottleneck  
(capacities + policies)
- staff time and role definitions



Success:

Small repeatable tasks



Logged in as: **Ben vershow** [My Maps](#) [My Activity](#) [Settings](#) [Log Out](#)

[Home](#)
[Browse All Maps](#)
[Browse Rectified Maps](#)
[Browse All Layers](#)

Home > Maps > Layers > Layer 862



## Atlas of the borough of Manhattan, city of New York.

Depicts : 1916

**191 maps (183 maps rectified 96%)**

(Visible) [Download KML](#)

[Share](#) | [Facebook](#) | [Twitter](#) | [Export](#)

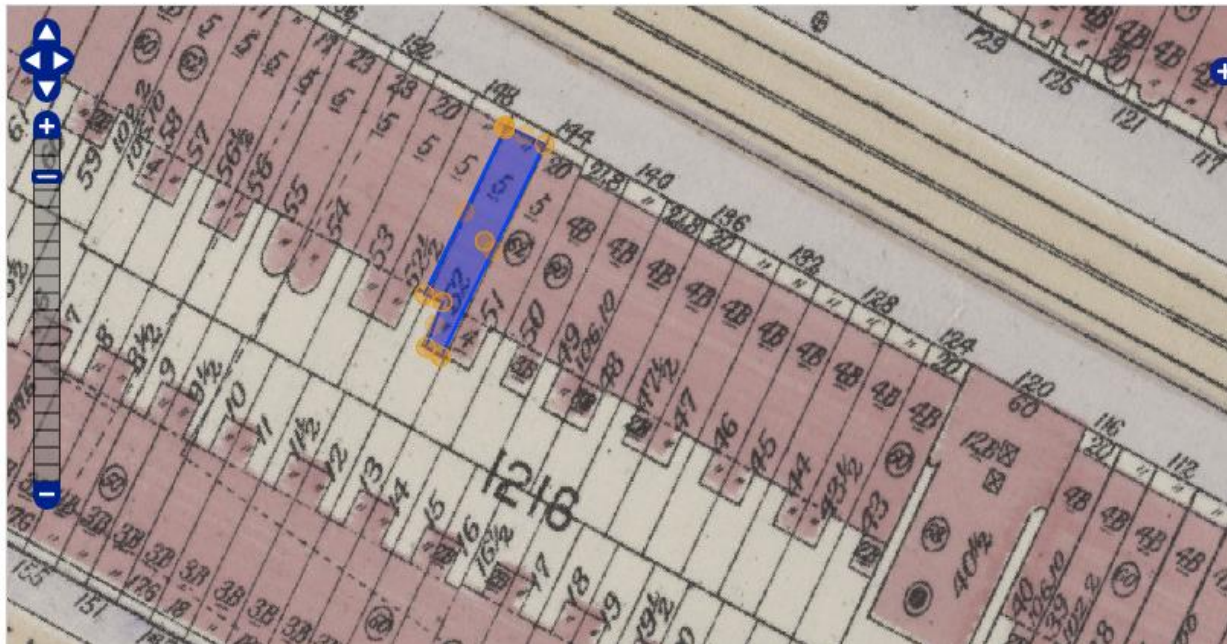
Show

Digitize

Export

Metadata

Comments (0)



### Edit and Add New Features

[Download](#)
[Save to Server](#)
[Delete](#)
[Paste Last](#)

Layer to edit: **Buildings**

#### Attributes

Name:   
 Number:   
 Street:   
 Materials:   
 Use Type:   
 Use SubType:   
 Comment:

[Save Attributes](#)

#### Changed Features

Id	Name	Number	Street

Building transcription task

NYPL Map Warper

Logged in as: Ben vershow [My Maps](#) [My Activity](#) [Settings](#) [Log Out](#)

[Home](#) [Browse All Maps](#) [Browse Rectified Maps](#) [Browse All Layers](#)

Home > Maps > Layers > Layer 862



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(Visible) [Download KML](#)

[Share](#) | [Facebook](#) | [Twitter](#) | [Export](#)

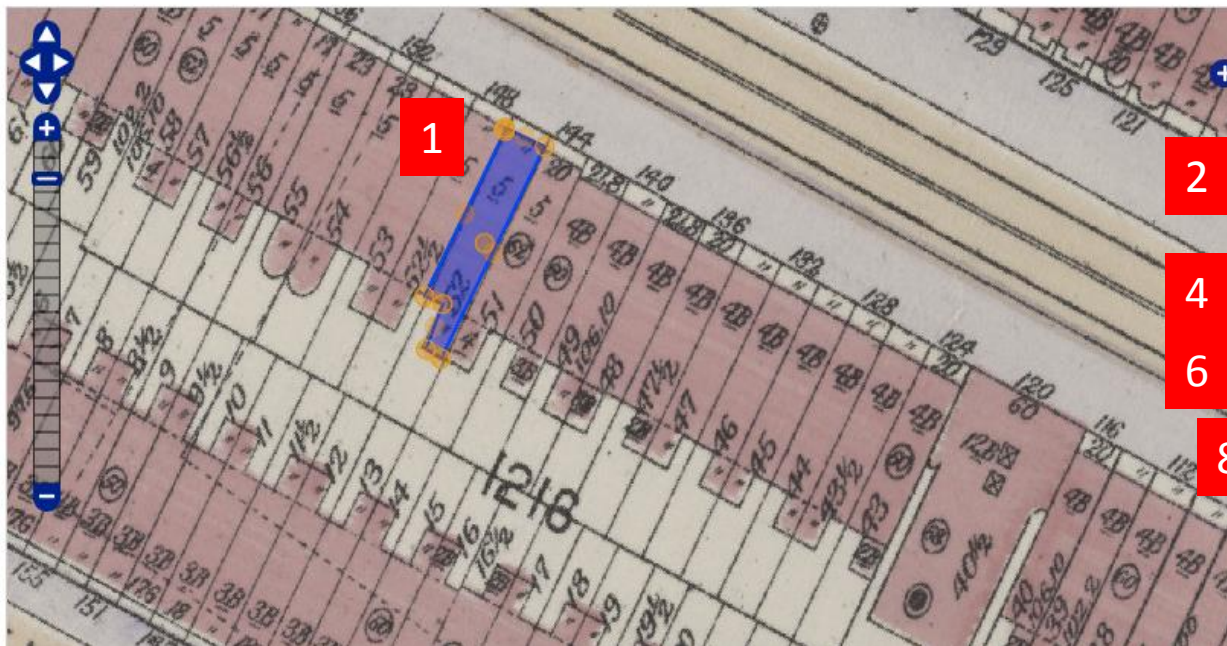
Show

Digitize

Export

Metadata

Comments (0)



**Edit and Add New Features**

Download Save to Server Delete Paste Last

Layer to edit: Buildings

**Attributes**

Name:

Number:

Street:

Materials:

Use Type:

Use SubType:

Comment:

Save Attributes

**Changed Features**

Id	Name	Number	Street

Building transcription task



NYPL Map Warper

Logged in as: Ben vershow [My Maps](#) [My Activity](#) [Settings](#) [Log Out](#)

[Home](#) [Browse All Maps](#) [Browse Rectified Maps](#) [Browse All Layers](#)

Home > Maps > Layers > Layer 862



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(Visible) [Download KML](#)

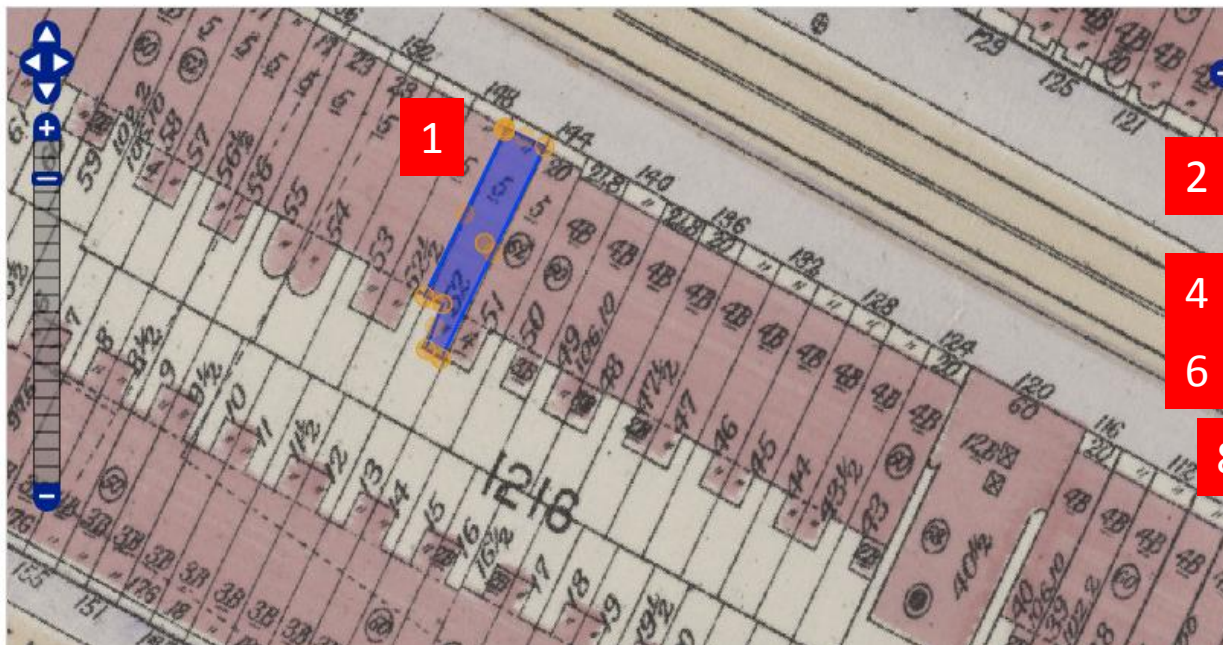
[Share](#) | [Facebook](#) | [Twitter](#) | [Export](#)

Plus!

Locating place on map to do work

Consulting original map key (printout)

[Show](#) [Digitize](#) [Export](#) [Metadata](#) [Comments \(0\)](#)



**Edit and Add New Features**

[Download](#) [Save to Server](#) [Delete](#) [Paste Last](#)

Layer to edit: [Buildings](#)

**Attributes**

Name:

Number:

Street:

Materials:

Use Type:

Use SubType:

Comment:

[Save Attributes](#)

**Changed Features**

Id	Name	Number	Street

Building transcription task



Question:

Can we break this into smaller pieces?

Question:

Can we break this into smaller pieces?

And make it fun?

Also:

Can a computer do any of this?







OCR for maps!



measures folson

Type the two words:

reCAPTCHA™  
stop spam.  
read books.

Submit

The words above come from scanned books.  
By typing them, you help to digitize old texts.

Quality control?



**BUILDING INSPECTOR**  
KILL TIME. MAKE HISTORY.

INSPECT: ▾

LOG OUT BENJAMI...

ABOUT DATA

The New York Public Library presents

# BUILDING INSPECTOR

Kill Time. Make History.


Welcome citizen cartographers!  
Help unlock New York City's past by identifying  
buildings and other details on beautiful old maps.

GET STARTED




New York  
Public  
Library



**BUILDING INSPECTOR**  
KILL TIME. MAKE HISTORY.

CHECK FOOTPRINTS ▾

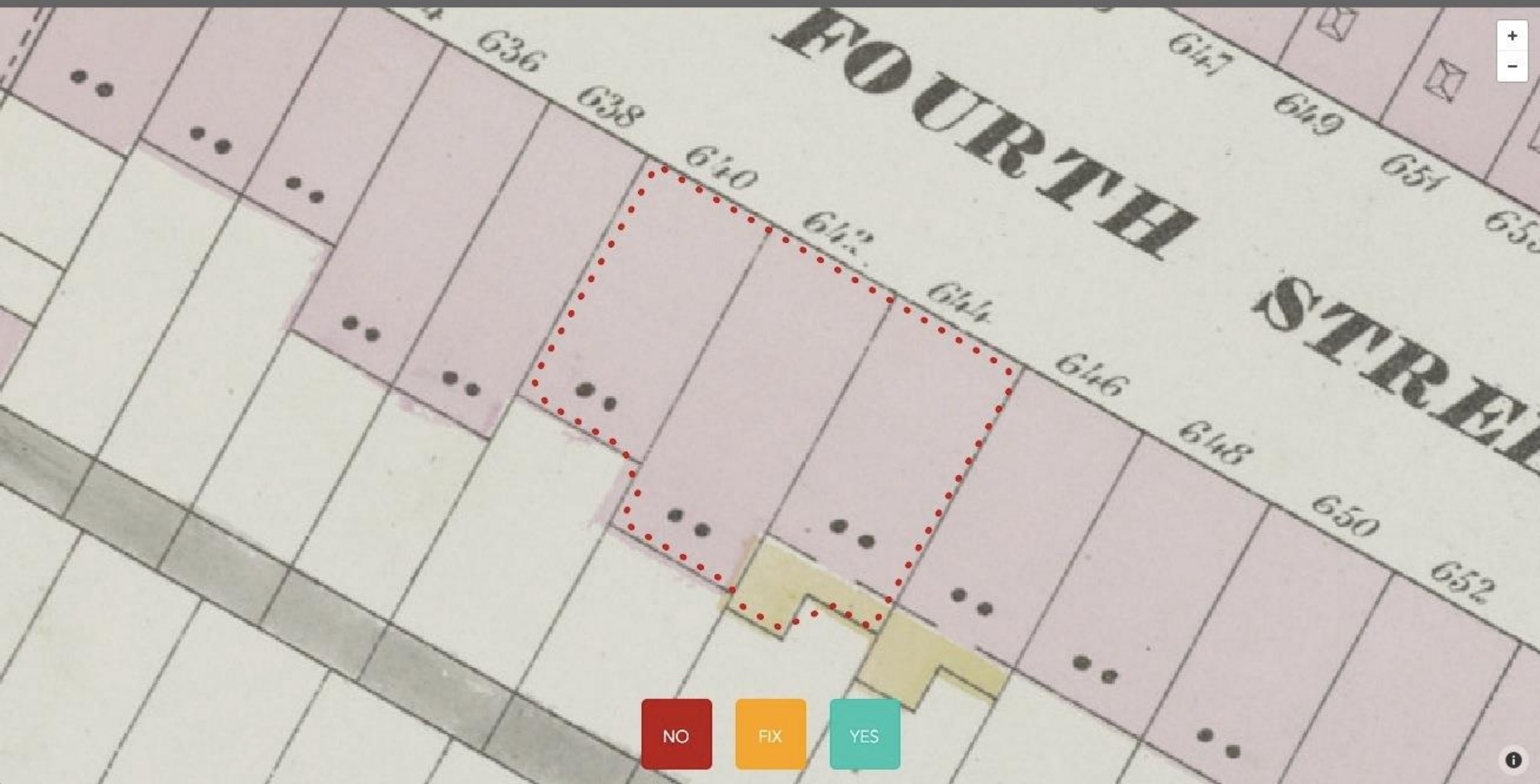
HELP

 **26** VIEW

SAVE SCORE

ABOUT

DATA




+

-

NO

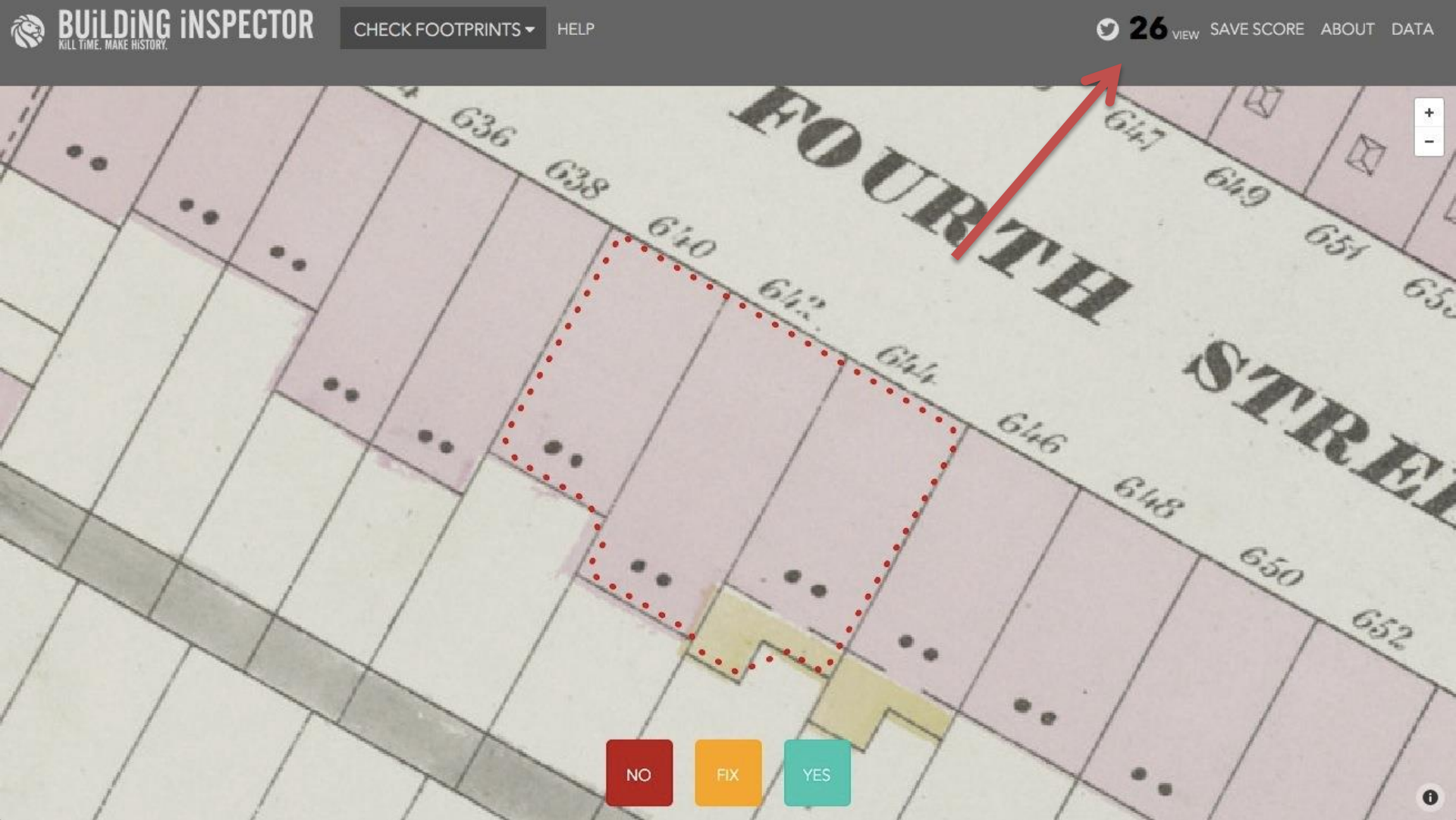
FIX

YES



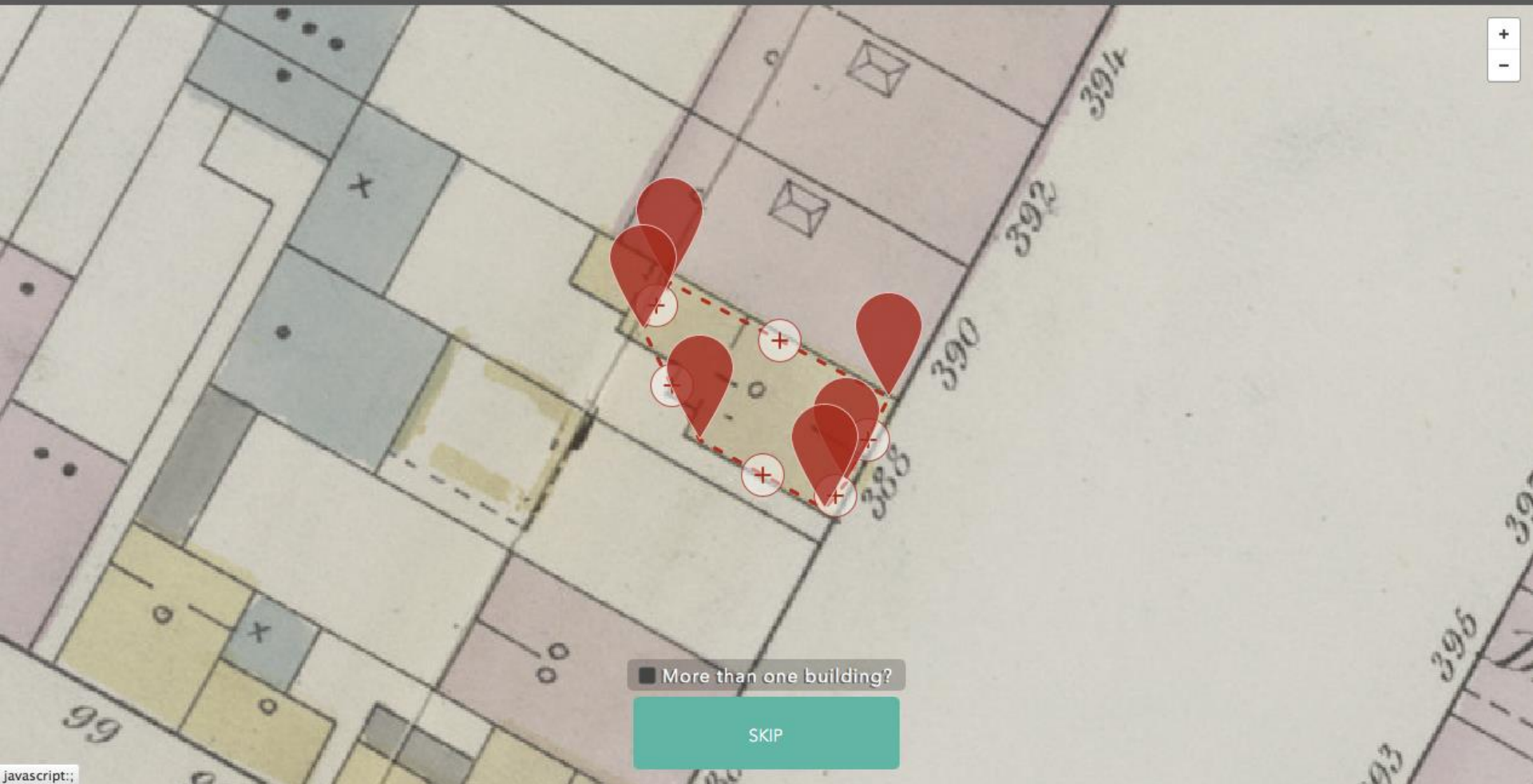
## Task 1: Check Footprints





## Task 1: Check Footprints





## Task 2: Fix Footprints





**BUILDING INSPECTOR**  
KILL TIME. MAKE HISTORY.

ENTER ADDRESSES ▾

HELP



**65**

VIEW

LOG OUT BENJAMI...

ABOUT

DATA



Task 3: Enter Addresses



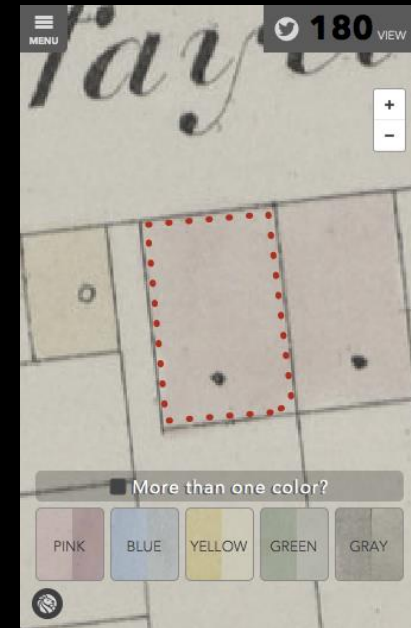
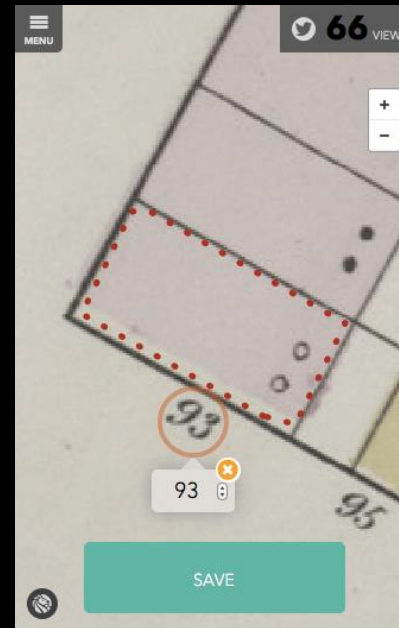
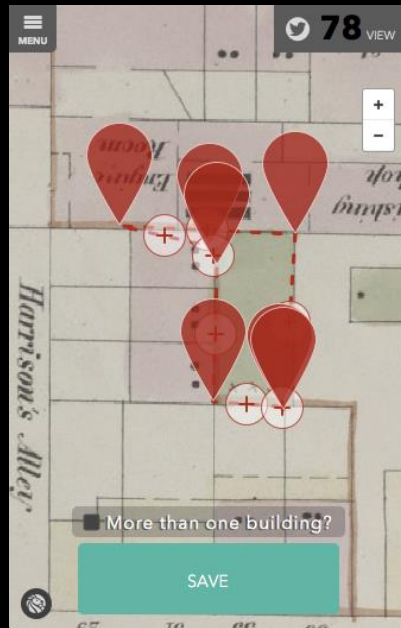
New York  
Public  
Library





## Task 4: Classify Colors





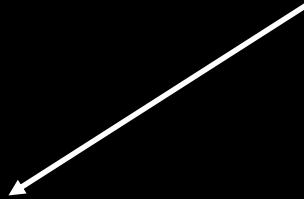
Responsive design

Consensus workflow

Check

Consensus workflow

Check

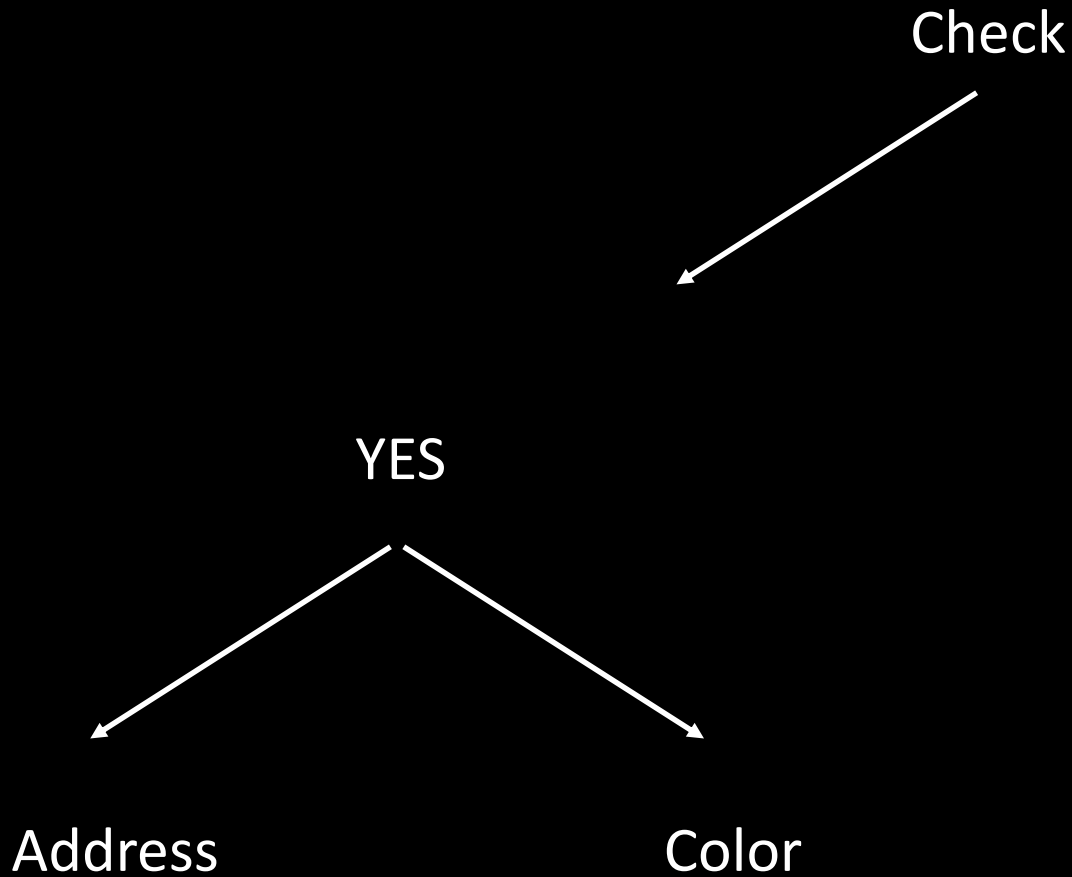


YES

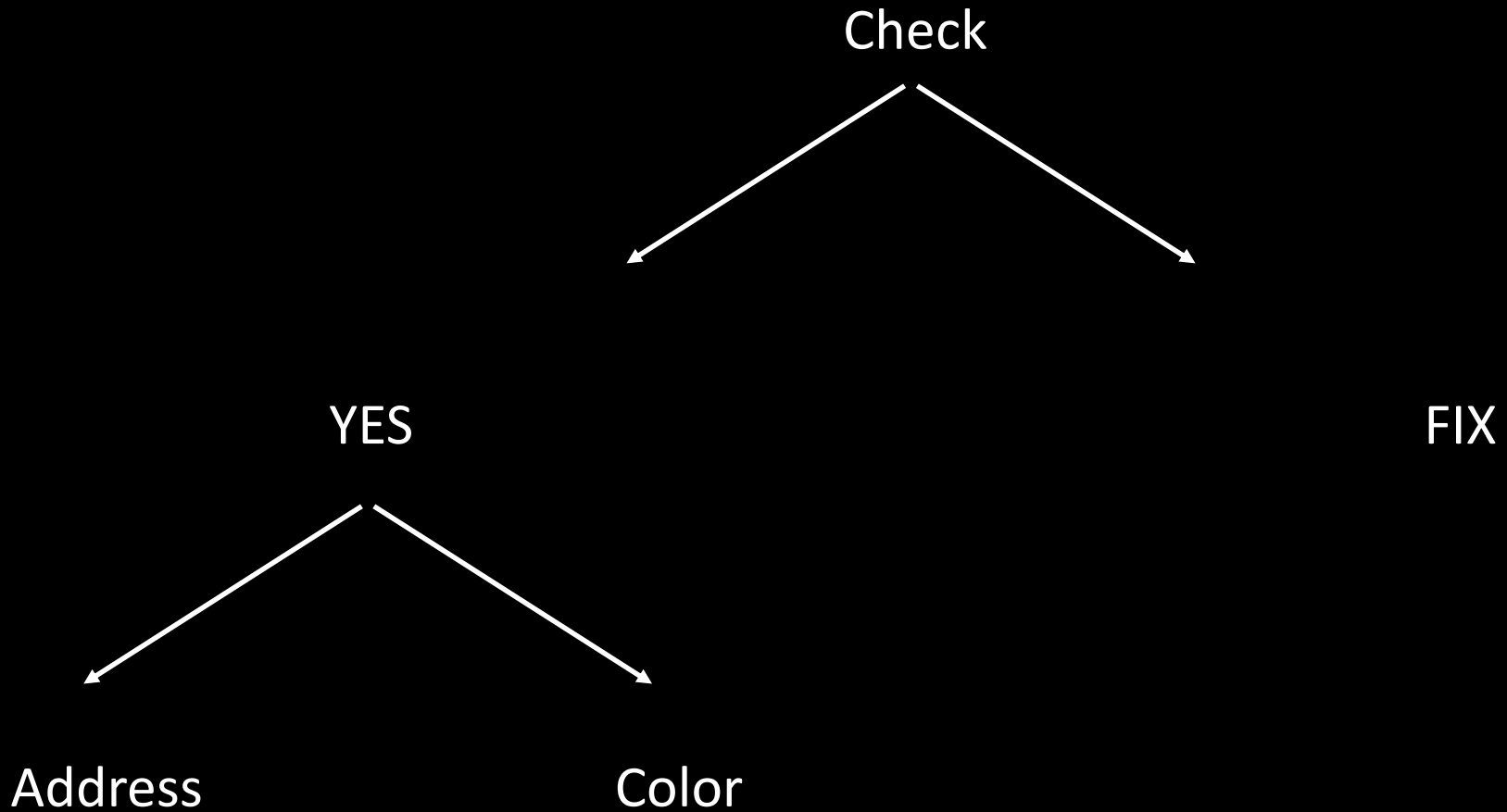
Consensus workflow

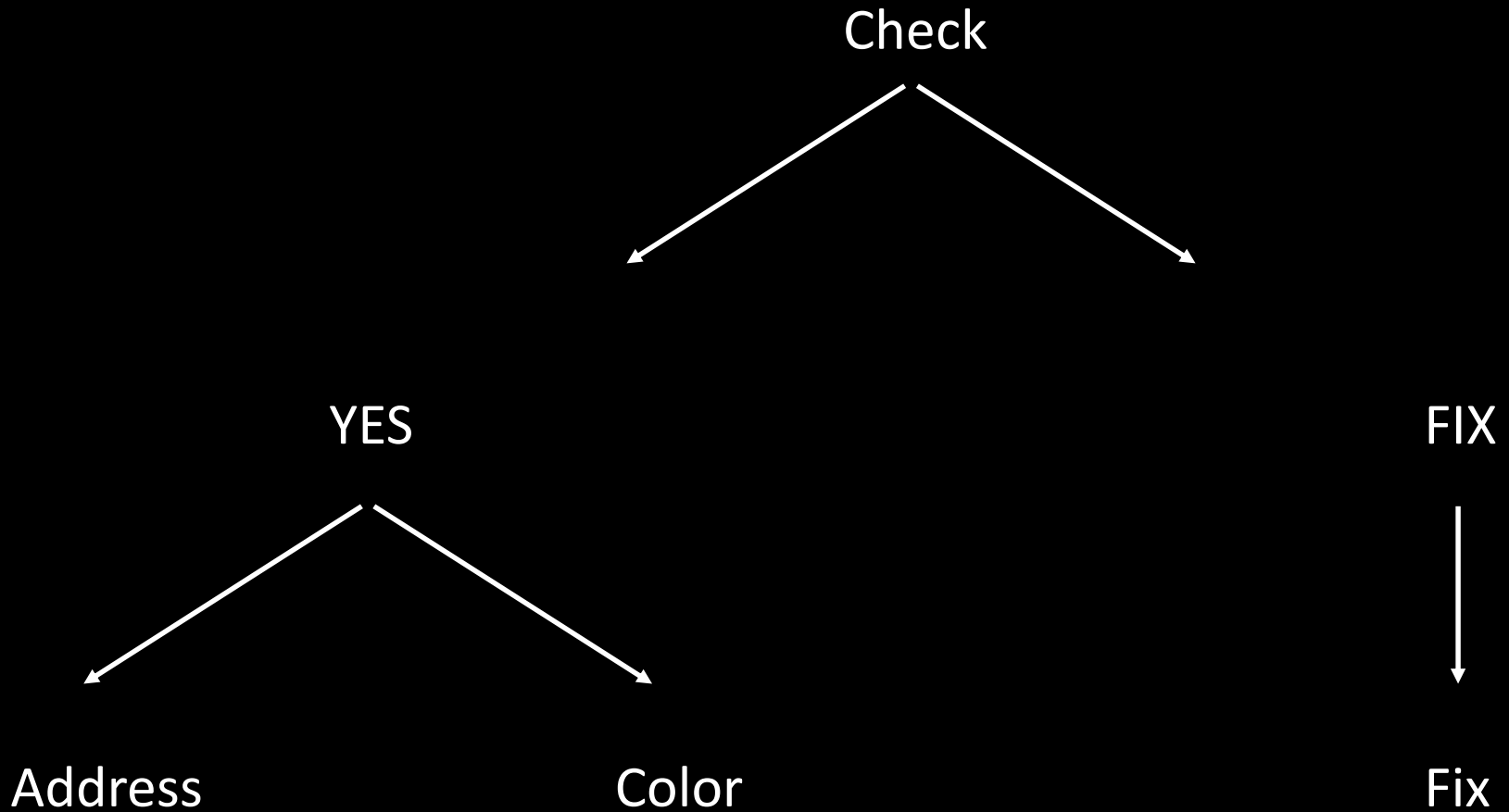




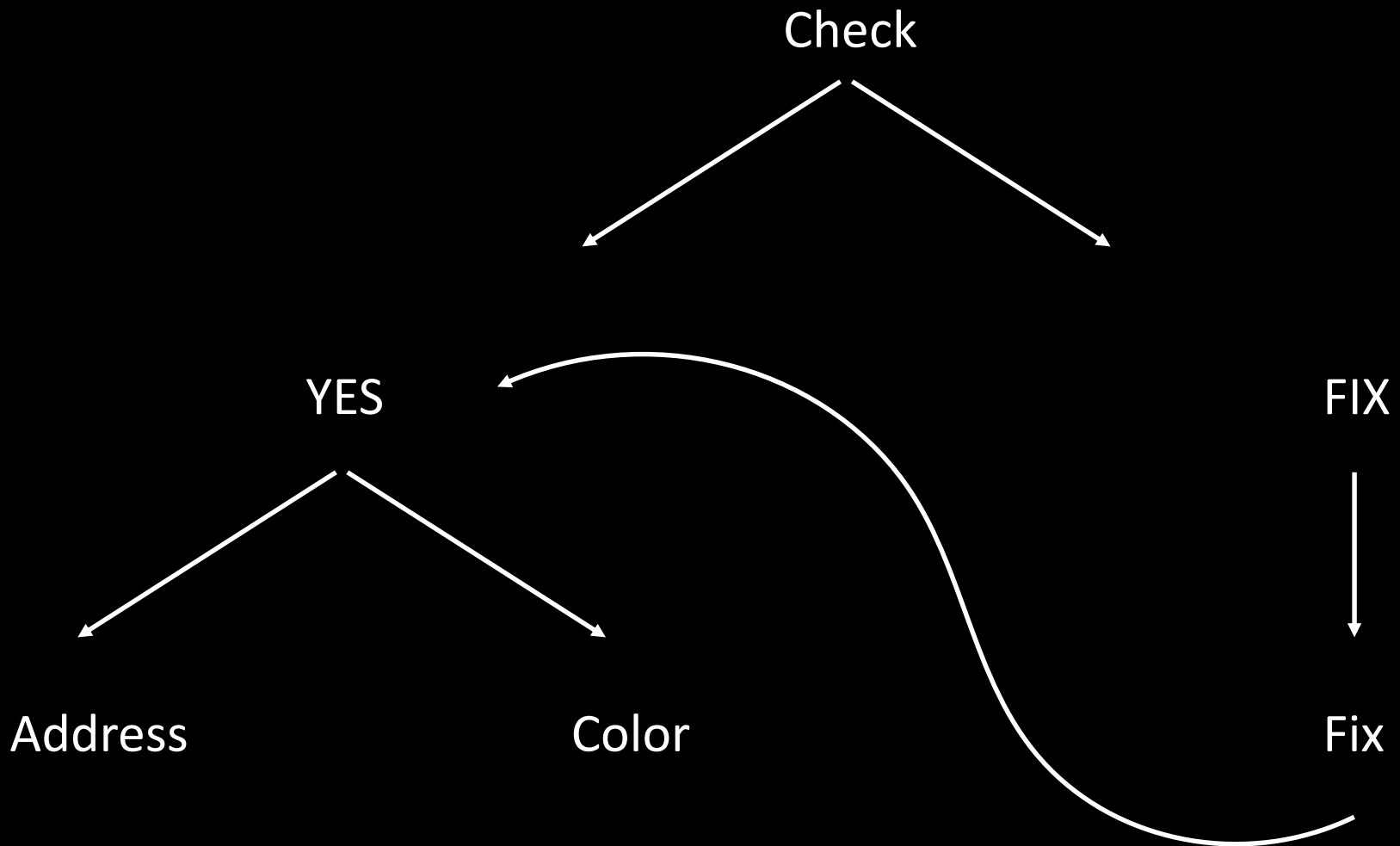


Consensus workflow



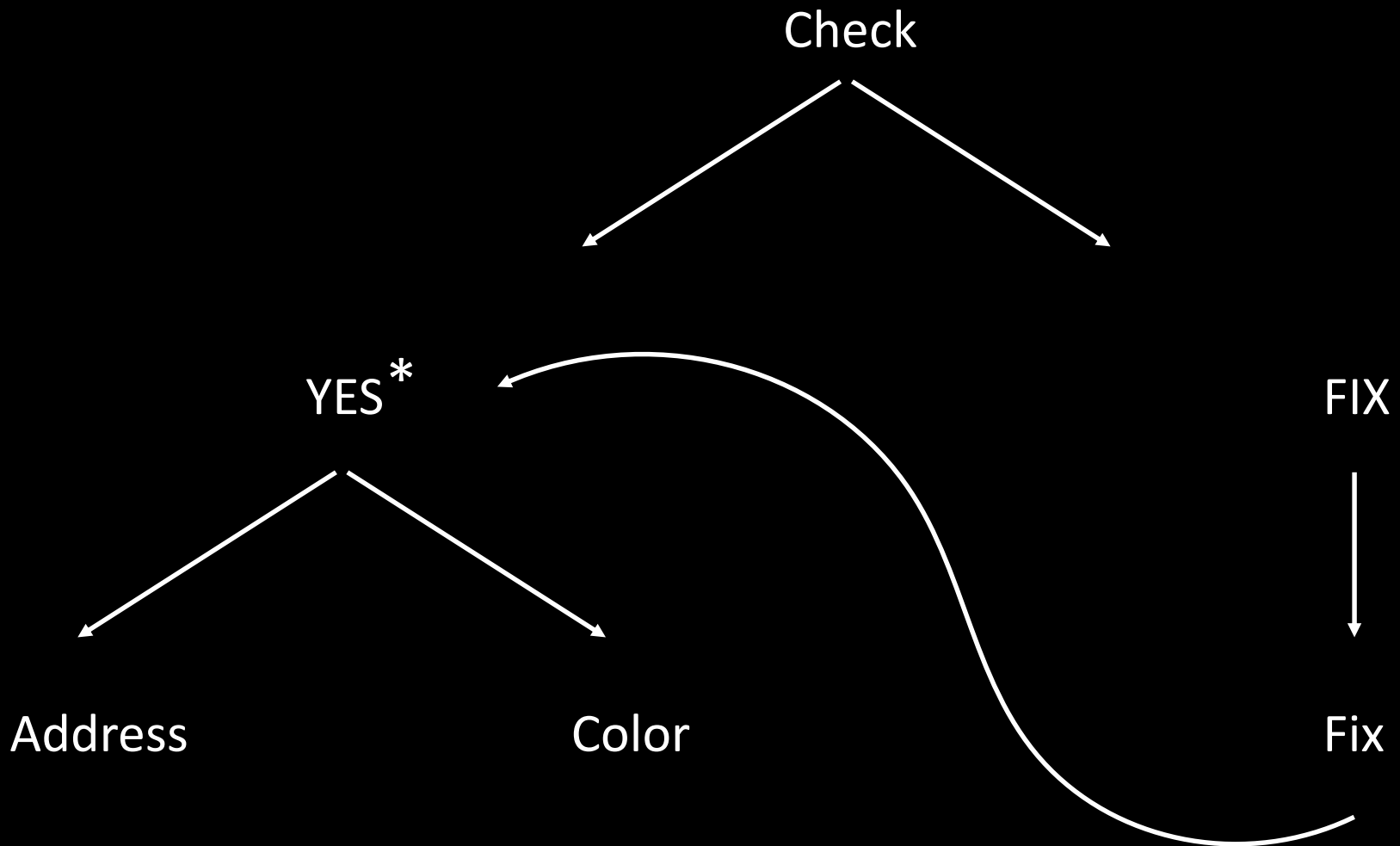


Consensus workflow



Consensus workflow





\* Consensus 'NO's go to polygon heaven

Progress:

> 910 thousand tasks completed

## Challenges:

- lack of promotion from NYPL properties
  - lack of community architecture  
(beyond basic authentication/task tally)



Next:

- more layers
- subway mode

Image: The New York Times



In progress:

# Scribe

Turn Documents into Data Sets

NYPL + Zooniverse

ENSEMBLE  
Help build an open database of the performing arts

HOME BROWSE PROGRAMS ABOUT

Show Title 1 ✓  
Show Date 1 ✓  
Theater Name 1 ✓  
Location 1 ✓  
Production Staff 9 ✓  
Transcribe the Cast Member 2 skip  
Headliner 1  
I'm done, transcribe another one.  
Skip this one

Current Act  
Act II. Transcribe Programs

THE FIFTH AMERICAN TOUR OF  
**HARRY LAUDER**  
AND A COMPANY OF INTERNATIONAL ARTISTS  
Seats Now on Sale for All Performances

First American Appearance  
Direct from the Oxford Theatre, London  
**ARTHUR ASTILL**  
The Whistling Plough Boy

Cast Member

Character The Whistling Plough Boy  
Description  
Actor Arthur Astill  
Next

Program Continued on Second Page Following.

Egyptian Deities

Old Weather is a ZOO NIVERSE project ...just like THE MILKY WAY PROJECT

oldWeather

HOME VESSELS TUTORIAL TRANSCRIBE ABOUT DISCUSS riordan

Cadet riordan  
0 weather reports on 1 page contributed to this voyage. 30 weather reports more for promotion to Lieutenant

Concord  
Active: West Indies, South America, Alaskan Waters

Enter weather values [show help](#) [close](#)

Date	Location	Weather Observation	Animals	Refueling	Mentions	Sea Ice	Events			
Hour	Wind Dir	Force	Bar Height	Ther Attached	Dry	Wet	Water	Weather Code	Cloud Code	Clear Sky
1	NE	7	50.73	70	70	67	--	--	--	--

OK

Hour	Knots	Tenths	Reading of Patent Log	COURSES STEERED by Standard Compass	WIND		Force	Heck	Leeway	BAROMETER		TEMPERATURE		State of the Weather, by symbols.	Form of Clouds, by symbols.	Prop. of Clear sky, in tenths.	State of the Sea.
					Direction by Standard Compass	Force				Height in inches.	Ther. att'd.	Air, Dry Bulb.	Air, Wet Bulb.				
A. M.																	
1	Off tide			N. E.	N. E.	7				50.73	70	67		bc	cu	8	

Google Map Data Terms of Use



Thank you!

@subsublibrary

@nypl\_labs

labs@nypl.org

# BUILDING INSPECTOR

KILL TIME. MAKE HISTORY.

[buildinginspector.nypl.org](http://buildinginspector.nypl.org)

# Operation War Diary: Enriching Catalogues, Enhancing Research

Dr Victoria Van Hying  
Zooniverse, University of Oxford  
[victoria@zooniverse.org](mailto:victoria@zooniverse.org)

1,153,026 people taking part worldwide

Projects ▾

Community ▾

About us ▾

Signed in as VWH



# ZOONIVERSE

We make citizen science websites so that everyone can be part of real research online

daily.zooniverse.org

Something awesome from the Zooniverse every day

## Space

Sort by



### How do galaxies form?

NASA's Hubble Space Telescope archive provides hundreds of thousands of galaxy images.

GALAXY ZOO



### Explore the surface of the Moon

We hope to study the lunar surface in unprecedented detail.

MOON ZOO



### Study explosions on the Sun

Explore interactive diagrams to learn about the Sun and the spacecraft monitoring it.

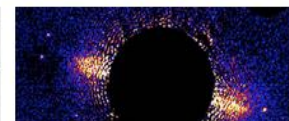
SOLAR STORMWATCH



### Find planets around stars

Lightcurve changes from the Kepler spacecraft can indicate transiting planets.

planethunters.org





[CLASSIFY](#)[STORY](#)[SCIENCE](#)[DISCUSS](#)[PROFILE](#)[LANGUAGE](#)

# Few have witnessed what you're about to see

Experience a privileged glimpse of the distant universe as observed by the SDSS, the Hubble Space Telescope, and UKIRT

## Classify Galaxies

To understand how galaxies formed we need your help to classify them according to their shapes. If you're quick, you may even be the first person to see the galaxies you're asked to classify.

[Begin Classifying](#)[How Do Galaxies Form?](#)[History of Galaxy Zoo](#)

# Transcription Projects

- Existing projects:
  - 'Ancient Lives': [www.ancientlives.org/](http://www.ancientlives.org/)
  - 'Old Weather': [www.oldweather.org/](http://www.oldweather.org/)
  - 'Notes from Nature': [www.notesfromnature.org/](http://www.notesfromnature.org/)
  - 'Operation War Diary': [www.operationwardiary.org/](http://www.operationwardiary.org/)
- Upcoming Projects:
  - 'Secret Lives of Artists' with Tate Britain
  - 'Shakespeare's World' with Folger Shakespeare Library

# Ancient Lives

## Study the lives of ancient Greeks

// information

The data gathered by Ancient Lives helps scholars study the Oxyrhynchus collection.

Transcriptions collected digitally are combined with human and computer logic to identify known texts and documents.

Take part

No thanks

TRANSCRIBE MEASURE



Zoom



Rotate



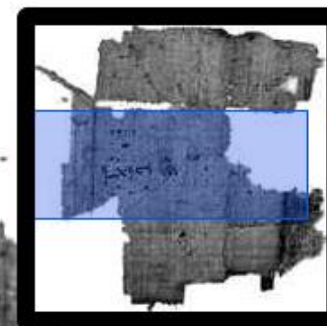
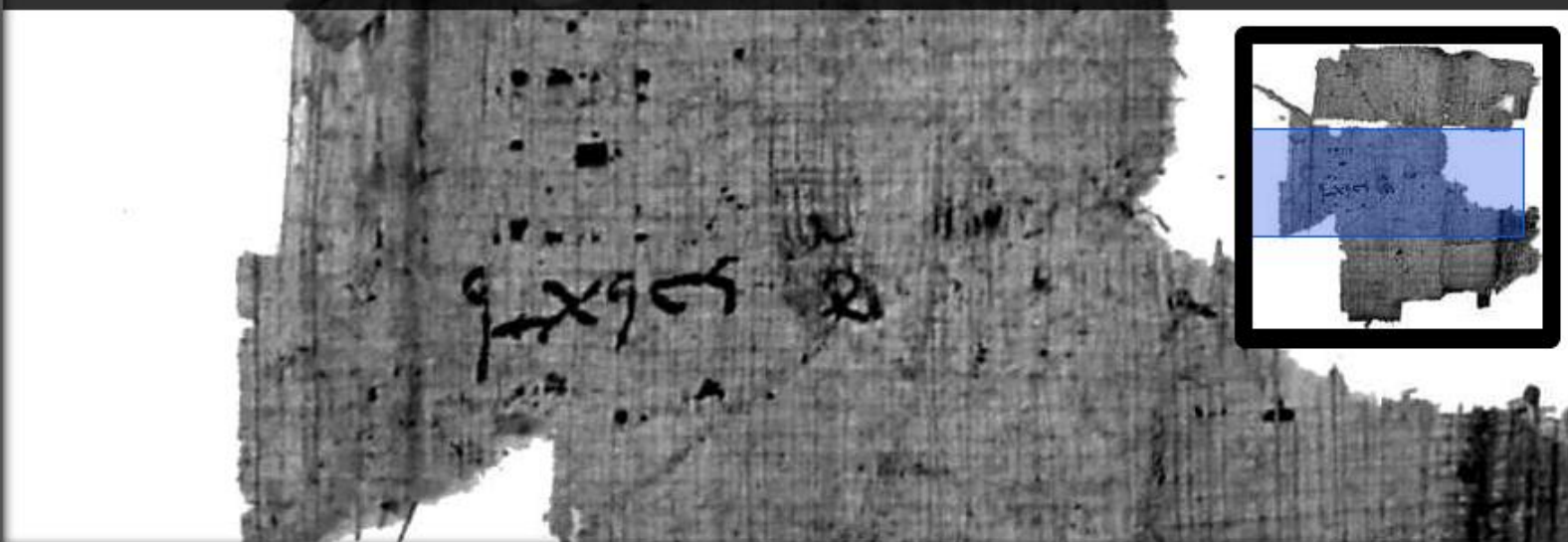
Toggle



Auto



Delete



Colour



Map



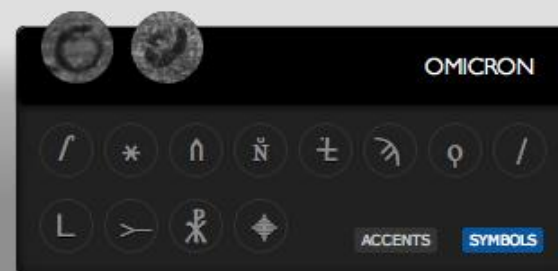
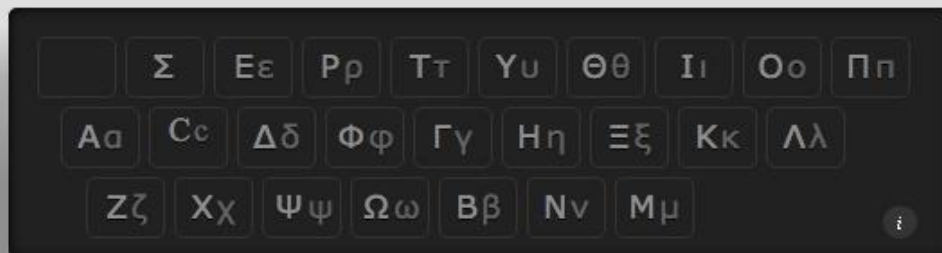
Match



Talk



Next



FAVOURITE

ISSUE



# OPERATION WAR DIARY

REPORTS FROM THE FRONT

The story of the British Army on the Western Front during the First World War is waiting to be discovered in 1.5 million pages of unit war diaries.

We need your help to reveal the stories of those who fought in the global conflict that shaped the world we live in today.

GET STARTED!

Working together with Citizen Historians during the First World War Centenary

ZOONIVERSE



 The National Archives



# OWD by the numbers:

- Over 1.2 million page views since January
- 10,790 registered users
- 55,050 comments on Talk, the project discussion area
- 1,884 commenting users
- Approximately 61,000 pages 'completed' i.e. tagged and transcribed by 7 users.



# OPERATION WAR DIARY

[HOME](#)[DIARIES](#)[CLASSIFY](#)[FIELD GUIDE](#)[PROFILE](#)[ABOUT US](#)[TALK](#)[BLOG](#)

3 DIVISION: DIVISIONAL AMMUNITION COLUMN (1 AUG 1914 - 30 SEP 1919)



Finished!

## 1 Page types

☐ Blank page

☐ Cover page

☐ Diary page

☐ Orders

☐ Signals pad

☐ Report

☐ Other

WAR DIARY or INTELLIGENCE SUMMARY. (Entries heading not required.)		
Hour, Date, Place	Summary of Events and Information	Remarks and references to Appendices
8 <sup>th</sup> Sept. LES BROSSES	Left ST PIERRE at 6 pm. and arrived near LES BROSSES at 8 pm.	
9 <sup>th</sup> Sept. REBAIS	Left 8.30 am. arrived at REBAIS at 11 am.	
10 <sup>th</sup> Sept. NANTEUIL	Left at 10 am. marched by ORLY, BUZZIERES, and arrived NANTEUIL at 1.30 pm. During the night 6 guns captured by the Lincoln Regt were fielded, and loaded on motor lorries and sent to Rail head.	
11 <sup>th</sup> Sept. VEUILLY MONTREUIL MERY DAMMARD	Left NANTEUIL at 10 am. via VEUILLY and MONTREUIL - MERY and arrived at 5 pm. at DAMMARD at 5 pm.	
12 <sup>th</sup> Sept. NEUVILLY OULCHY LA VILLE GRAND ROZOY	Left at 1 pm. and march via NEUVILLY - OULCHY LA VILLE - to GRAND ROZOY arriving 5 pm.	

(9-22-9) W 2032-1197 100,000 10/13 H W V Form C. 2118/10.

HEAD QUARTERS  
3  
DIV. AMMN. COL.

Army Form C. 2118.

Capt. R.F.A.  
Adjutant 3rd. Div. Am. Col.

Restart the tutorial

# WAR DIARY

## INTELLIGENCE SUMMARY.

(From heading not required.)

Army Form C. 2118.

Instructions regarding War Diaries and Intelligence Summaries are contained in F.S. Regs., Part II, and the Staff Manual respectively. Title pages will be prepared in manuscript.

Phase	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
1 Jun 1917 (3)	1 Jun 1917 (3)			
1 Jun 1917 (2)	1 Jun 1917 (2)		198th Infantry Brigade, 198th Infantry Brigade (2)	
2 Jun 1916 (1)	2 Jun 1916 (1)		resting (1)	
3 Jun 1917 (3)	3 Jun 1917 (3)		withdraw (1)	
4 Jun 1917 (5)	4 Jun 1917 (5)		movement (8)	
4 Jun 1917 (1)	4 Jun 1917 (1)		accommodation (1)	
11 Jun 1917 (5)	11 Jun 1917 (5)		movement (5)	
11 Jun 1916, 1917 (2)	11 Jun 1916, 1917 (2)		raid (1)	
12 Jun 1917 (4)	12 Jun 1917 (4)		attack (4)	
14 Jun 1917 (4)	14 Jun 1917 (4)		movement (3)	
19 Jun 1917 (5)	19 Jun 1917 (5)		withdraw (1)	
21 Jun 1917 (1)	21 Jun 1917 (1)		movement (9)	
21 Jun 1917 (3)	21 Jun 1917 (3)		movement (1)	

# OWD Goals

- To provide evidence about the experiences of named individuals in the field diaries and add this to the Imperial War Museum's 'Lives of the First World War' project: <https://livesofthefirstworldwar.org/>
- To enrich the National Archives' catalogues
- To gather data for academic research

Are we on target?





Like Operation War Diary on Facebook and follow on Twitter to stay up to date on new discoveries.

@OpWarDiary \* <https://www.facebook.com/OperationWarDiary?ref=hl>

# Get Involved:

Look for upcoming tweets  
for further details!

**@crowdconsortium**

Comments, questions?  
Let us know!

**contact@crowdconsortium.org**

## Join the Crowd (Consortium)!

