Telling Online Stories with Omeka

Nora Mattern

ULS/iSchool Workshop and Lecture Series
April 1, 2016
Outline for afternoon

1. Discussion and Review

2. Playing with Plugins
   - Hide Elements Plugin
   - CSV Import Plugin
   - Exhibit Builder Plugin
   - Simple Pages Plugin
   - Geolocation Plugin
   - Neatline Plugin Suite

3. Open Lab Time
1 Discussion and Review
2 Playing with Plugins

- Hide Elements
- CSV Import Plugin
- Exhibit Builder Plugin
- Simple Pages Plugin
- Geolocation Plugin
- Neatline Plugin Suite
Hiding Elements
Appearance

Derivative Size Constraints

**Fullsize Image Size***

Maximum fullsize image size constraint (in pixels).

800

**Thumbnail Size***

Maximum thumbnail size constraint (in pixels).

200

**Square Thumbnail Size***

Maximum square thumbnail size constraint (in pixels).

200

Display Settings

**Results Per Page (admin)**

Limit the number of results displayed per page in the administrative interface.

10

**Results Per Page (public)**

Limit the number of results displayed per page in the public interface.

10

**Show Empty Elements**


**Show Element Set Headings**


Save Changes
### Configure Plugin: Hide Elements

#### Override visibility restrictions by role
- Super
- Admin
- Researcher
- Contributor

<table>
<thead>
<tr>
<th>Element</th>
<th>Hide on:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Form</td>
</tr>
<tr>
<td><strong>Dublin Core</strong></td>
<td></td>
</tr>
<tr>
<td>Title</td>
<td>☐</td>
</tr>
<tr>
<td>Subject</td>
<td>☐</td>
</tr>
<tr>
<td>Description</td>
<td>☐</td>
</tr>
<tr>
<td>Creator</td>
<td>☐</td>
</tr>
<tr>
<td>Source</td>
<td>☐</td>
</tr>
<tr>
<td>Publisher</td>
<td>☐</td>
</tr>
<tr>
<td>Date</td>
<td>☐</td>
</tr>
<tr>
<td>Contributor</td>
<td>☐</td>
</tr>
<tr>
<td>Rights</td>
<td>☐</td>
</tr>
<tr>
<td>Relation</td>
<td>☐</td>
</tr>
<tr>
<td>Format</td>
<td>☐</td>
</tr>
<tr>
<td>Language</td>
<td>☐</td>
</tr>
<tr>
<td>Type</td>
<td>☐</td>
</tr>
<tr>
<td>Identifier</td>
<td>☐</td>
</tr>
<tr>
<td>Coverage</td>
<td>☐</td>
</tr>
<tr>
<td><strong>Item Type Metadata</strong></td>
<td></td>
</tr>
<tr>
<td>Text</td>
<td>☐</td>
</tr>
</tbody>
</table>
Using the CSV Import Plugin
CSV Import
Version 2.0.3 by Roy Rosenzweig Center for History and New Media
Imports items, tags, and files from CSV files.
Plugin allows for mapping element in .csv to Dublin Core

<table>
<thead>
<tr>
<th>Step 2: Map Columns To Elements, Tags, or Files</th>
<th>Example from CSV File</th>
<th>Map To Element</th>
<th>Use HTML?</th>
<th>Tags?</th>
<th>Files?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title,</td>
<td>&quot;Miners leaving entrance to coal mine near Scran&quot;...</td>
<td>Select Below</td>
<td>□</td>
<td>□</td>
<td>□</td>
</tr>
<tr>
<td>Contributor Names,</td>
<td>&quot;Bain News Service, publisher&quot;</td>
<td>Select Below</td>
<td>□</td>
<td>□</td>
<td>□</td>
</tr>
<tr>
<td>Created / Published,</td>
<td>&quot;April, 1912 (date created or published later by)&quot;...</td>
<td>Select Below</td>
<td>□</td>
<td>□</td>
<td>□</td>
</tr>
</tbody>
</table>
| Description,                                  | "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" "" 

Import CSV File
Give it a try!

Activity:
• Create metadata (title, description, creator) for three items in spreadsheet
• Ensure that you are naming columns
• Save as csv
• Upload csv to Omeka using plugin
• Map to Dublin Core

Or use sample in shared folder!

https://goo.gl/6c2OGD
But first, some thinking about exhibit creation

Using the Exhibit Builder Plugin
Description

New York City and its surrounding metropolitan area are constantly changing. The city is famous for its infrastructure, from its transportation system to its skyscrapers to its bridges. Much of this infrastructure is aging, and over the years many of the area’s bridges have been in the news, usually highlighting the urgent need for repairs. Several of the East River bridges have undergone extensive renovations with the goal of making them safer. The purpose of this exhibit is to highlight some of the New York City area’s other bridges—those that are less well-known, and those whose histories have not been told in as much depth as some of the city’s bridges have.
“[W]hat if I were discussing, say, silent film? My sections might be thematic (comedies, romances, dramas), chronological (early silent film, the transitional period, classical era), or stylistic (modernist, impressionist, narrative). It all depends on the message I want to convey to the site’s visitors. You might draw out a map of your exhibit, showing where you want to put each digital asset.”

http://miriamposner.com/blog/creating-an-omeka-exhibit/
Configure Plugin: Exhibit Builder

**Sorting Exhibits**

The default method by which you wish to sort the listing of exhibits on the exhibits/browse page. Default is 'Date Added'.

- [x] Date Added
- Alphabetical
- Recent

Save Changes
Add Exhibit

Exhibit Metadata

Title

An Anthracite Documentarian: Lewis Hine

 Slug

No spaces or special characters allowed

Credits

Images from the Library of Congress

Description

An exhibit on the documentary work of Lewis Hine in the Anthracite Coal Region.

Tags


Theme

Current Public Theme

Pages

There are no pages.

Add Page
AN ANTHRACITE DOCUMENTARIAN: LEWIS HINE

An exhibit on the documentary work of Lewis Hine in the Anthracite Coal Region.

Credits

Images from the Library of Congress
Add Exhibit

Exhibit Metadata

Title: An Anthracite Documentarian: Lewis Hine

Slug: No spaces or special characters allowed

Credits: Images from the Library of Congress

Description:
An exhibit on the documentary work of Lewis Hine in the Anthracite Coal Region.

Tags: 

Theme: Current Public Theme

Pages

There are no pages.

Add Page
Edit Page "Early Life and Education"

Page Title: Early Life and Education
Page Slug: early-life-and-education

Content

Select layout

File with Text
Gallery
Text

Default layout features files justified to left or right with text displaying to the opposite side
Selected Item: Self-portrait of Lewis Hine (Private)

Lewis Hine
Self Portrait
c. 1930
George Eastman House Collection
EARLY LIFE AND EDUCATION

biographical text here
Give it a try --

Add a test exhibit to your Omeka site
Create a page and select the layout
View!
Using the Simple Pages Plugin
About

A BRIEF HISTORY OF POSTCARDS

This article provides a general history of postcards from their beginnings through the “Golden Age” of postcards, and into the present day. Common eras of postcards are described, and the more popular printing methods are detailed. Resources for further reading on the subject, as well as links to determining copyright of postcards, are also provided.

NEW YORK CITY’S BRIDGES

Print and online resources are listed for finding more information about bridges in and around New York City.
This page was created by **emmattern** on 3/26/16, 10:34 PM, and last modified by **emmattern** on 3/26/16, 10:47 PM.

<table>
<thead>
<tr>
<th>Title*</th>
<th>Name and heading for the page (required)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Test About Page</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Slug</th>
<th>The slug is the part of the URL for this page. A slug will be created automatically from the title if one is not entered. Letters, numbers, underscores, dashes, and forward slashes are allowed.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>test-about</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Use HTML editor?</th>
<th>Check this to add an HTML editor bar for easily creating HTML.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>□</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Text</th>
<th>Add content for page. This field supports shortcodes. For a list of available shortcodes, refer to the <strong>Omeka Codex</strong>.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Parent</th>
<th>The parent page</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Main Page (No Parent)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Order</th>
<th>The order of the page relative to the other pages with the same parent</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>
Parent is “Main Page”

Parent is “About” (1)

Parent is “About” (2)
COAL DUST MEMORIES: LIFE WITH ANTHRACITE

TEST ABOUT PAGE
Shifting from Omeka.net to Omeka.org (Nora’s site)
Some main differences

<table>
<thead>
<tr>
<th>omeka.net</th>
<th>omeka.org</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Hosted on GMU servers</td>
<td>• Self-hosted</td>
</tr>
<tr>
<td>• Does not require installation</td>
<td>• Requires an installation</td>
</tr>
<tr>
<td>• Free and paid plans</td>
<td>• Free with server costs</td>
</tr>
<tr>
<td>• Imposed storage limit</td>
<td>• Storage limit based on hosting service</td>
</tr>
<tr>
<td>• Options for themes and plug-ins dependent on your plan</td>
<td>• Unlimited themes and plug-ins</td>
</tr>
</tbody>
</table>

Adapted from Alicia Peaker’s Creating Digital Exhibits with Omeka slides

Options for Omeka.org hosting
Using the Geolocation Plugin
<table>
<thead>
<tr>
<th>Title</th>
<th>Creator</th>
<th>Type</th>
<th>Date Added</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fine Arts Library</td>
<td></td>
<td></td>
<td>Mar 31, 2016</td>
</tr>
<tr>
<td>Walkway Connecting Towers to David Lawrence</td>
<td>Kobus, Kenneth J.</td>
<td></td>
<td>Mar 31, 2016</td>
</tr>
<tr>
<td>Forbes Field Wall</td>
<td>Facilities Management</td>
<td></td>
<td>Mar 31, 2016</td>
</tr>
<tr>
<td>Demolition of Forbes Field</td>
<td>Unknown</td>
<td></td>
<td>Mar 31, 2016</td>
</tr>
<tr>
<td>Forbes Quadrangle</td>
<td>Unknown</td>
<td></td>
<td>Mar 31, 2016</td>
</tr>
<tr>
<td>Hillman Library</td>
<td>Unknown</td>
<td></td>
<td>Mar 31, 2016</td>
</tr>
<tr>
<td>Hillman Library Construction</td>
<td>Pittsburgh City Photographer</td>
<td></td>
<td>Mar 25, 2016</td>
</tr>
</tbody>
</table>
Edit Item #2: "Hillman Library Constru...

Map

Find a Location by Address:

Find

Save Changes
View Public Page
Delete

Public:  Featured:

Collection
Select Below
The front of Hillman Library in the winter of 1977. Construction of the library began in 1964. It was dedicated on September 6, 1968. Hillman Library...
Try it!

Add a new item and geolocate it or edit one of the items already added!
“Neatline is a geotemporal exhibit-builder that allows you to create beautiful, complex maps, image annotations, and narrative sequences from Omeka collections of archives and artifacts, and to connect your maps and narratives with timelines that are more-than-usually sensitive to ambiguity and nuance.”

From Neatline’s “About” page

Using the Neatline Plugin(s)
Neatline in action
January 15, 1969

- A document is released calling for a continuation of the sit-in and protesting the return to classes.
- A packet of documents containing Faculty deliberations, speeches, and Phoenix supplements is sent to the Board of Managers, who has final say on whatever administrative decision is made campus.
- Raymond Hopkins, Assistant Professor in Political Science, publishes a letter voicing his opinion on the week's events.
- President Smith receives more letters from concerned alumni: Eleanor Dreibeilbe's '21, Evelyn Hagen, and Ernest Luther '46.
- The Phoenix publishes its sixth supplement.
- Two more photos from the Admissions Office under occupation: 1 and 2.

By Nabil Kashyap, Alison Roseberry-Polier, John Gagnon, and Maria Mejia | Link with permission of the Black Liberation 1969 Archive. | Map: Google Satellite

The Black Liberation 1969 Archive is an Omeka archive "designed in support of Black Liberation 1969: Black Studies in History Theory and Praxis taught at Swarthmore College by Professor Allison Dorsey," and produced through the joint efforts of Nabil Kashyap, a librarian, and several students. This Neatline exhibit, a part of the larger archive, maps the 1969 sit-ins at Swarthmore, creatively using custom annotations to provide a timeline for the events.
IN CONGRESS, July 4, 1776.

The unanimous Declaration
of the thirteen united
States of America,

When in the Course of human events, it becomes necessary for one people to dissolve the political bands which have connected them with another, and to assume among the powers of the earth, the separate and equal station to which the Laws of Nature and of Nature’s God entitle them, a decent respect to the opinions of mankind requires that they should declare the causes which impel them to the separation.

We hold these truths to be self-evident,
Ranunculus

*Ranunculus asiaticus*

**blooming season:** Spring

**origin:** eastern Mediterranean, southeastern Europe, northeastern Africa

**special notes:** while not a perfect match for the *Ranunculus asiaticus* of today, this flower (not appearing in any of Bosschaert’s other paintings) resembles Basilius Besler’s drawing (1613), only in yellow, as well as that of Carolus Clusius (1601)

**Files**
Neatline SIMILE
&
Neatline Waypoint

“Neatline Simile makes it possible to add the SIMILE Timeline widget to Neatline exhibits. Once the timeline has been added, records can be plotted as points and spans on the timeline, and the timeline can be used to control the visibility of records on the map (and in other viewports added by sub-plugins, like the Waypoints list).”

http://omeka.org/add-ons/plugins/neatlinesimile/
Neatline SIMILE
&
Neatline Waypoint

“NeatlineWaypoints makes it possible to add an list of clickable "waypoints" to an exhibit. Waypoints can be put into a specific order, making it possible to guide users through an exhibit in a linear sequence.”

https://github.com/scholarslab/nl-widget-Waypoints
### Neatline | Browse Exhibits

<table>
<thead>
<tr>
<th>Exhibit</th>
<th>Created</th>
<th># Items</th>
<th>Public</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pitt in Oakland: A Look at a Campus Over Time</td>
<td>Mar 25, 2016</td>
<td>2</td>
<td>No</td>
</tr>
</tbody>
</table>

Public View • Fullscreen View • Exhibit Settings • Import Items • Delete
No item currently selected. Each Neatline record can be linked with an item in the Omeka collection. Once an item has been selected, the item’s metadata will be displayed below the Neatline "Title" and "Body" fields wherever the record is displayed (e.g., in pop-up bubbles on the map), along with a link back to the item’s default page in Omeka.

To select an item, use the dropdown box to browse the entire collection or search for individual keywords. Once an item is selected, the metadata output will be previewed in this space.
Draw Point

Use this control to lay down individual points on the map.

1. Select the "Draw Point" radio button, move the cursor to the location on the map where you want to place the point, and click down once to drop the point.

2. To add multiple points, just click multiple times in different places.

**Important**: Points are displayed as circles on the map, but, in the underlying data, they're actually represented as dimensionless pairs of lat/lon coordinates. Since they're infinitely small and have no measurable "size" that can be correlated to the scale of the map, the points will always stay the same size, regardless of the zoom level of the map (the size of the circles can be controlled by the "Point Radius" field in the "Style" tab).

Depending on the situation, this can be good or bad. For example, if you're using points in conjunction with the "Point Image" feature to plot thumbnails of photographs onto the map, you might want the points to stay the same size at different zoom levels so that the preview images never become too big or too small. If you want a real geometric circle that changes size with the zoom level, use the "Draw Regular Polygon" tool.
Scroll down to add point on timeline
Start Date

The "first" or "beginning" date for an event. If the event is an instant (it happened exactly once, and did not occupy any kind of duration or interval of time), enter the date of the instant in this field.

*If you're working with NeatlineSimile:* If you just enter a "Start Date" and leave "End Date" blank, the record will be displayed as point on the timeline.

Examples

Dates need to follow the [ISO 8601 standard](https://en.wikipedia.org/wiki/ISO_8601):

**CE Dates**

- 1564 - The year 1564.
- 1564–04 - April, 1564.
- 1564–04–23 - April 23, 1564.
- 1564–04–23T08:30 - 8:30 AM on April 23, 1564.
- 1564–04–23T08:30:15 - 15 seconds after 8:30 AM on April 23, 1564.

**BCE Dates**

- -001563 - The year 1564 BCE.
- -000563 - The year 564 BCE.
- -000063 - The year 64 BCE.
- -000003 - The year 4 BCE.
- -001563–04 - April, 1564 BCE.
- -001563–04–23 - April 23, 1564 BCE.
Give it a shot with an item already in Omeka site or go back to Omeka site to add a new item and start from scratch!

Historic Pittsburgh: http://digital.library.pitt.edu/pittsburgh/
Open Lab Time

Play around with some other plugins in Omeka.org or talk out ideas & challenges with your own site!
Thanks!

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uls-digitscholarshipservices@pitt.edu