




Choosing Wagtail

A process story

Zarina Mustapha
Senior Front-end Developer
CTL at Columbia Univ
 @zarinamustapha



Columbia University in the City of New York



COLUMBIA | CTL

Center for Teaching and Learning

ctl.columbia.edu





General Mission

Support and promote
the **practice** and **culture** of
teaching and **learning**



Granular Mission

...support the **purposeful use of new media and emerging technologies** in the classroom and online to foster the success of Columbia's instructors and students.



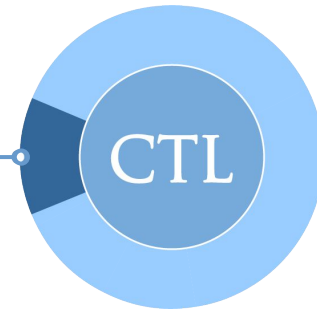
**purposeful use of new media
and emerging technologies**

**→ software (web)
tools and application**

**Software/Web
Development:
5 people**



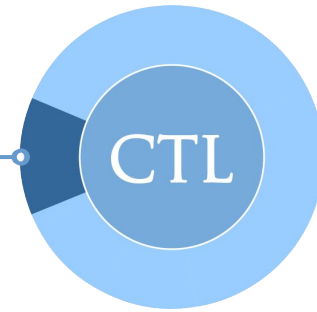
Software/Web Development



- Pedagogical objectives →
- Support existing technologies
 - Create new tools
 - Research new solutions

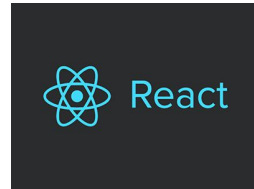
*FOSS

My role: front-end dev

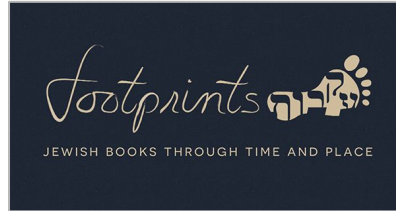


- IA / UX / UI / A11y /etc
- Ensure seamless integration of technology experience in learning
- Python level: Advanced beginner

Tech we use

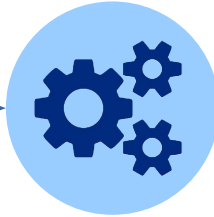


Applications we developed



Approach

User stories
Pedagogical objectives



Tools / Applications

Example: Mapping tool, media annotation tool



Static web site

Example: Linear learning modules



Hybrid

Example: Interactives exercises in a learning module



Need for CMS

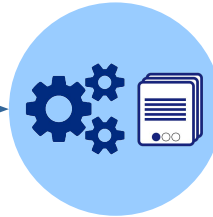
Pedagogical objectives

- Non-developers as content managers
- Independence in editing and management
- Intuitive admin UI, WYSIWYG, media uploading



Static web site

Example: Linear learning modules



Hybrid

Example: Interactives exercises in a learning module

Criteria:

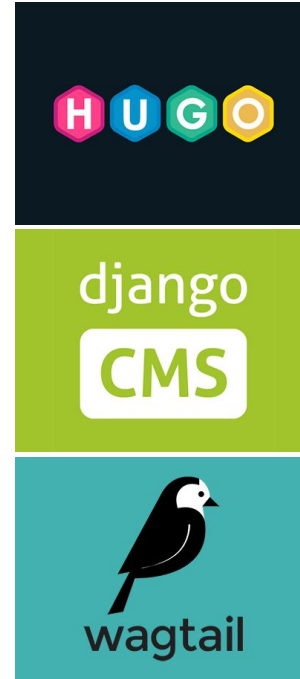
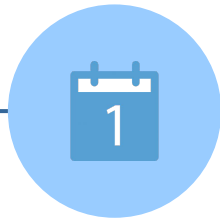
Control (model, code, template, tests)
Versioning (code, content)
UI for CMS (editing and management)
Authentication + security (CU integration)
CTL integration (config, workflow)



Hackathons

“Pizza team”

Research &
Development



Compare,
Contrast,
Fitting

Criteria



Criteria	django	HUGO	django CMS	wagtail	CAMPUSPRESS WordPress	Drupal™
Control (model, code, template, tests)	●	●	●	●	○	●
Versioning (code, content)	●	●	●	●	●	●
UI for CMS (editing and management)	●	●	●	●	●	●
Authentication + security (CU integration)	●	●	●	●	●	●
CTL integration (config, workflow)	●	No need	●	●	No need	No need

Criteria



Criteria	django	HUGO	django CMS	wagtail	CAMPUSPRESS WordPress	Drupal™
Control (model, code, template, tests)	●	●	●	●	○	●
Versioning (code, content)	●	●	●	●	●	●
UI for CMS (editing and management)	●	●	●	●	●	●
Authentication + security (CU integration)	●	●	●	●	●	●
CTL integration (config, workflow)	●	No need	●	●	No need	No need

Further criteria



Multi applications in one project	<input type="radio"/>	<input checked="" type="radio"/>
Flexibility (extendable) (dev & content provider)	<input type="radio"/>	<input checked="" type="radio"/>
Simplicity	<input type="radio"/>	<input checked="" type="radio"/>
Responsive / A11y UI	<input type="radio"/>	<input checked="" type="radio"/>
Search integration	<input type="radio"/>	<input checked="" type="radio"/>
Support & Docs	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Learning curve	?	<input checked="" type="radio"/>

Some considerations for Wagtail


- Expediency vs. technical debt
- Requires a developer short-/long-term
- Feature development time
- Critical mass for when to use Wagtail
- Migration from old applications

Experimentation

COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK OFFICE of the Provost CENTER for TEACHING and LEARNING

COLUMBIA CTL Center for Teaching and Learning PORTFOLIO SEARCH PORTFOLIO

OUR WORK ABOUT




CIVIL WAR AND RECONSTRUCTION MOOC
Civil War and Reconstruction MOOC Relaunches as Self-Paced Series

Learn more

At the Center for Teaching and Learning at Columbia University, we put a brief description here on what the CTL Portfolio is about. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis a pulvinar ante. Nulla eget elit vestibulum neque dapibus dapibus.


Our recent work

Corporate Finance with Daniel Wofford




Corporate Finance MOOC
Entry search description TBD

THE CIVIL WAR AND RECONSTRUCTION with Eric Foner




Civil War and Reconstruction MOOC
Entry search description TBD

match multidisciplinary approaches to research and health




Multidisciplinary Approaches to Children's Oral Health (MATCH)
Entry search description TBD

LEARNING WITH MOOCs II




Learning With MOOCs II
Entry search description TBD

The Columbia Film Language Glossary



Columbia Film Language Glossary
Entry search description TBD

Footprints: Jewish Books Through Time and Place




Footprints: Jewish Books Through Time and Place
Entry search description TBD

COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK OFFICE of the Provost CENTER for TEACHING and LEARNING

COLUMBIA CTL Center for Teaching and Learning PORTFOLIO SEARCH PORTFOLIO

OUR WORK ABOUT



Columbia Film Language Glossary

Partners
Richard Peña, Professor, School of the Arts
Nancy Friedland, Librarian, Libraries Humanities/history

Discipline
Arts

Released: September 2015 Visit the site InfoSheet Share: f t g+

A free educational teaching resource designed to promote the use of visual media and rich commentaries in film studies.

The Columbia Film Language Glossary is an online environment designed to enhance screenings, readings, lectures, and discussions for any course that involves the study of film. It provides definitions of essential terms used in basic and advanced film courses that are representative of all the major categories of film studies: practical terminology, technical terminology, the language of business and historical terms, as well as the language of criticism and theory.

Through the use of multimedia within the definitions, users will foster a more thorough understanding of the film vocabulary being defined—an explanation of the theory and a demonstration of the practice. Specifically, terms combine visual text, film clips, and audio commentary in creative ways, delivering them in high-quality media for classroom use and private study.

The Film Language Glossary is available to any student of film and the wider community. Definitions and audio commentary are written and narrated by faculty at Columbia University.

The glossary is built and maintained by the Center for Teaching and Learning at Columbia for the purpose of promoting and advancing education and scholarship related to film and media studies. This project was initially developed in 2005 with Richard Peña, Professor of Professional Practice, Columbia University School of the Arts, and Nancy Friedland, Librarian for Film Studies and Performing Arts at Columbia University. The glossary was redesigned in 2015 to make it compatible with modern browsers and mobile devices.

Experimentation

COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK OFFICE OF PROVOSE CENTER FOR TEACHING AND LEARNING

COLUMBIA | CTL Center for Teaching and Learning

PORTFOLIO

OUR WORK ABOUT

Civil War and Reconstruction MOOC Relaunches as Self-Paced Series

At the Center for Teaching and Learning at Columbia University, we put a brief description here on what the CTL Portfolio is about. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis a pulvinar ante. Nulla eget elit vestibulum neque dapibus dapibus.

Our recent work

- Corporate Finance MOOC with David Wolfson
- The Civil War and Reconstruction MOOC with Eric Foner
- Learning With MOOCs II
- The Columbia Film Language Glossary
- Footprints: Jewish Books Through Time and Place

CONTENT PROMOTE SETTINGS

Columbia Film Language Glossary

A free educational teaching resource designed to promote the use of visual media and rich commentaries in film studies.

DESCRIPTION

The Columbia Film Language Glossary is an online environment designed to enhance screenings, readings, lectures, and discussions for any course that involves the study of film. It provides definitions of essential terms used in basic and advanced film courses that are representative of all the major categories of film studies: practical terminology, technical terminology, the language of business, and historical terms, as well as the language of criticism and theory.

Through the use of multimedia within the definitions, users will foster a more thorough understanding of the film vocabulary being defined—an exploration of the theory and a demonstration of the practice. Specifically, terms combine visual text, film clips, and audio commentary to creative ways, delivering them in high-quality media for classroom use and private study.

RELATED LINKS

2015-09-01

DISCIPLINE

History
Philosophy
Region
Education

AUTHORS

Margate Latham
Michelle Oberer
Adam Foner
Graham Noyes
Richard Peña

PROJECT URL

https://filmstudies.library.columbia.edu/

RESPONSIBILITY STATEMENT

Project:

Thumbnail:

Keywords:

File Language Glossary (1) (1)

CONFIRMED CHOOSE ANOTHER DOCUMENT SET THIS DOCUMENT

HOW TO USE THIS RESOURCE

Feature as a Message

Feature Blank

Learn More

COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK OFFICE OF PROVOSE CENTER FOR TEACHING AND LEARNING

COLUMBIA | CTL Center for Teaching and Learning

PORTFOLIO

OUR WORK ABOUT

Columbia Film Language Glossary

Partners

Richard Peña, Professor, School of the Arts
Nancy Friedland, Librarian, Libraries Humanitas/History

Discipline

Arts

Released: September 2015 Visit the site (F) InfoSheet (i) Share: f t w g+

A free educational teaching resource designed to promote the use of visual media and rich commentaries in film studies.

The Columbia Film Language Glossary is an online environment designed to enhance screenings, readings, lectures, and discussions for any course that involves the study of film. It provides definitions of essential terms used in basic and advanced film courses that are representative of all the major categories of film studies: practical terminology, technical terminology, the language of business, and historical terms, as well as the language of criticism and theory.

Through the use of multimedia within the definitions, users will foster a more thorough understanding of the film vocabulary being defined—an exploration of the theory and a demonstration of the practice. Specifically, terms combine visual text, film clips, and audio commentary in creative ways, delivering them in high-quality media for classroom use and private study.

The Film Language Glossary is available to any student of film and the wider community. Definitions and audio commentary are written and narrated by faculty at Columbia University.

The glossary is built and maintained by the Center for Teaching and Learning at Columbia for the purpose of promoting and advancing education and scholarship related to film and media studies. This project was initially developed in 2005 with Richard Peña, Professor of Professional Practice, Columbia University School of the Arts, and Nancy Friedland, Librarian for Film Studies and Performing Arts at Columbia University. The glossary was redesigned in 2015 to make it compatible with modern browsers and mobile devices.

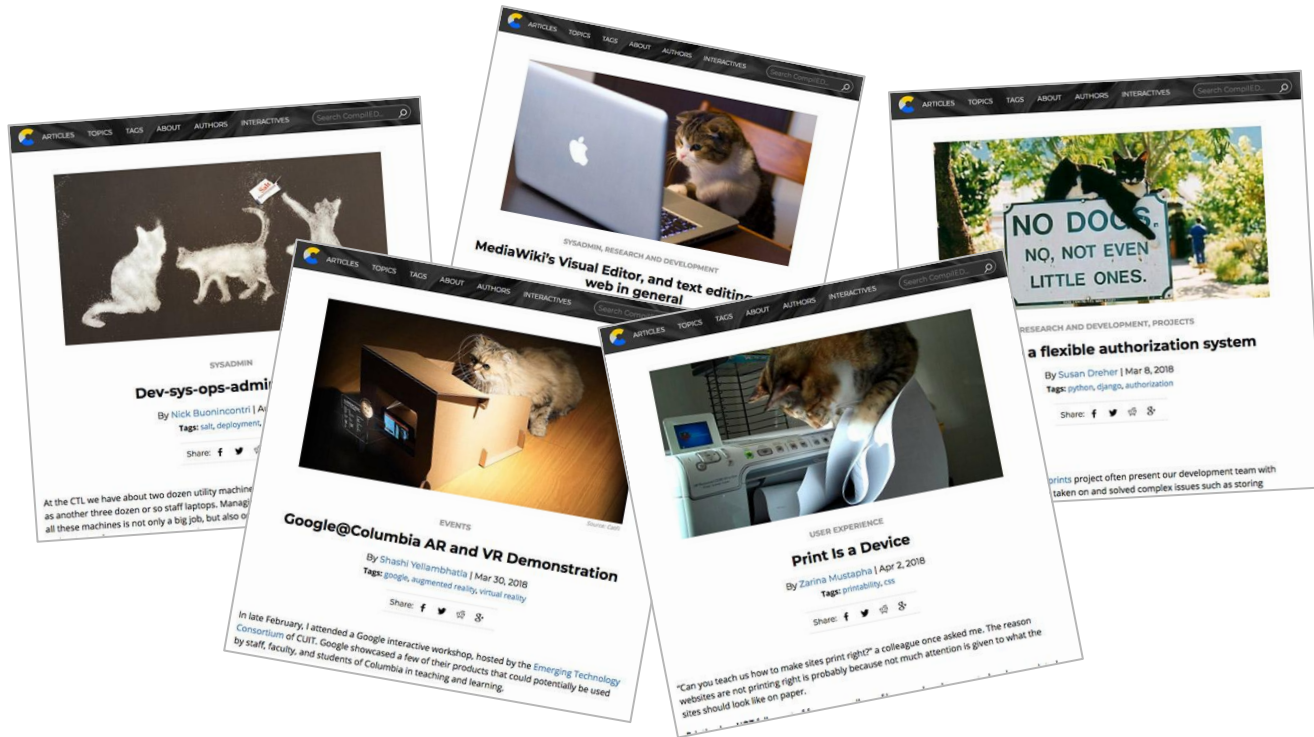
Shared criteria met

Developers / Designers / Faculty partners / Content providers

- Wagtail is flexible / extendable
- UI for CMS can be customized, intuitive
- Support and docs for developers and editors
- More room for creative collaborations
- Still beginning

Our blog, Compiled

compiledctl.columbia.edu





To be continued...



COLUMBIA | CTL

Center for Teaching and Learning

ctl.columbia.edu

compiled.ctl.columbia.edu

github.com/ccnmtl/

