Wagtail

• • •

A Django based CMS

Competition

Mezzanine - http://mezzanine.jupo.org/
A CMS aimed at competing with Wordpress that tries to create a working site out of the box with a starter template. It has in-page editing, it's own admin ui, and even an ecommerce plugin
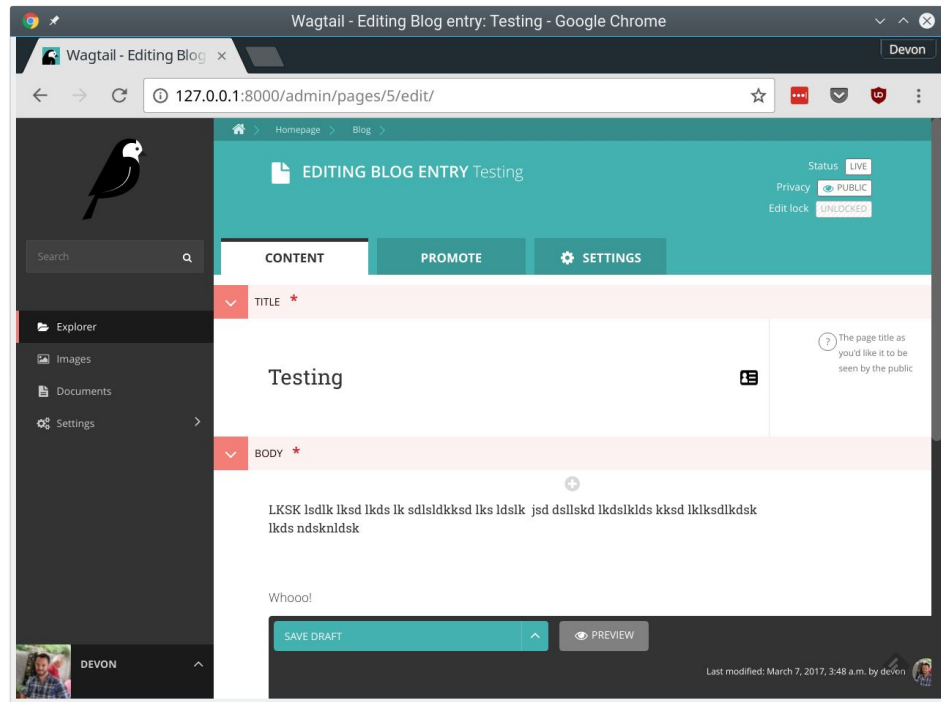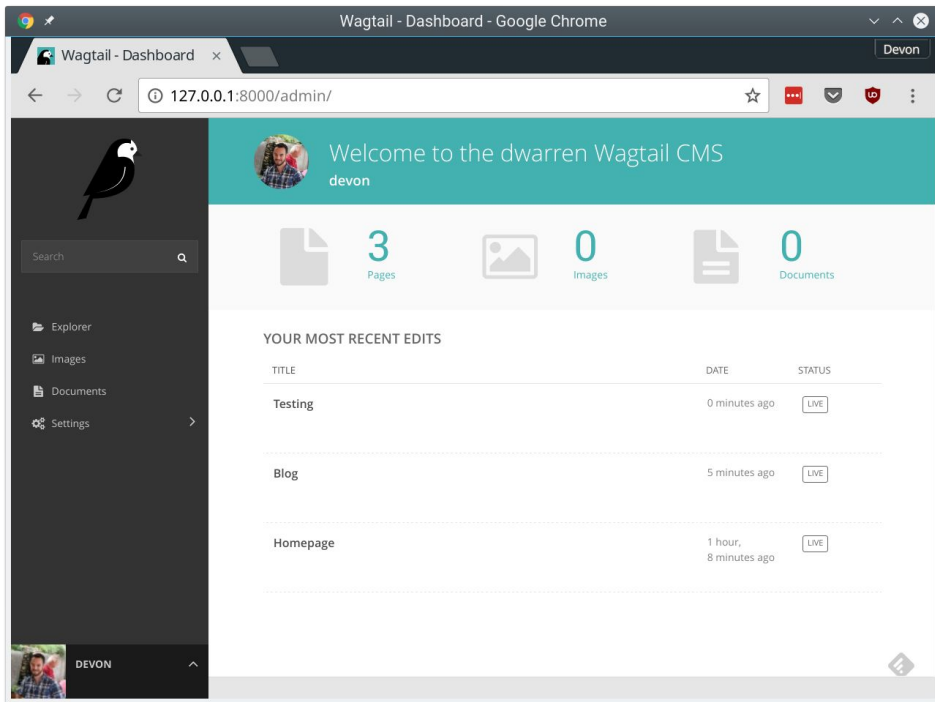
Django CMS - https://www.django-cms.org/en/
The oldest of the Django CMSs, focuses on modularity in an attempt to keep a vibrant plugin ecosystem

A good comparison is available at https://youtu.be/3UC1MNFOjEI

Features

- Build on-top of Python Django
- Wagtail admin UI
- Streamfield
- Snippets
- Elasticsearch built-in
- File and page explorer
- Image cropping

Admin UI

Streamfield

Allows you to combine multiple fields into one which enables:

- Saving discrete pieces in the DB (as JSON)
- More control over display formatting
- Less cumbersome than using a WYSIWYG editor
- Can move and add types of data at will

* does not manage migrations, plan ahead

Snippets

Brings one area to put in various snippets of text used throughout the site

Search

Elasticsearch is built-in!

Can search content from Admin UI

Explorer

Add documents, images, and pages within a nice browsable interface

Image Cropping

Set image focal point manually

Or do it automatically with OpenCV!

Demo time

Pros

- Streamfield is amazing
- UI is great for editors
- Image and document integration is very nice
- Doesn't assume too much
- Great documentation and active community

Cons

- Cluttered and less separated models by default
- Wants everything to be a page (can get around with ModelAdmin)

Questions?

Thanks Frederick Community College and Python Frederick

Learn more:

https://wagtail.io/

-Devon Warren

https://github.com/devonwarren