

Eventum

Refactor

Dan Schlosser, COMS E6156

Eventum

An Event-Driven Content Management System

Eventum

Home

adacu.com/admin/home

Dan

Home


Events this week

Recent posts

Graph Analytics at Goldman Sachs

Hamilton 303


Monday, September 22 8:00-9:00pm

 Dan Schlosser

Columbia Creates: Build Apps with JavaScript

Hamilton 302


Tuesday, September 23 8:00-9:00pm

 Gilad Penn

Cookies and Code

Lerner 5th Floor Satow Room


Wednesday, September 24 10:00pm-Thursday, September 25 12:00am

 Dan Schlosser

Columbia Creates: Build Your First Web App (Part 1)

Hamilton 602

Wednesday, September 24 9:00-10:00pm

 Dan Schlosser


Colum Coding






SIC Hous

113th St

Thursda

7:30-10:3



Title	Snippet	Author	Date
Creating of Columbia Creates for Creators Like You	If you've read any of our newsletters recently, you've probably seen the catchy phrase "Columbia Creates" somewhere at some point in time (if you've read any of our newsletters, you	 Angela Wang	Published 24/Sep/14
And... We're Back!	Hello ADI! We're so glad to be back and so happy that you're taking time out of your hectic lives to join us at the events	 Angela Wang	Published 16/Sep/14
ADI Wins the Robert D. Lilley Award for Socially Responsible Engineering	In Fall semester of 2013, ADI launched an education program in which members went to Isaac Newton Middle School in East Harlem every week to teach the students basic	 Angela Wang	Published 23/Apr/14
Learning to Hack with Frndz	Each week at Cookies and Code, students split up into small groups to explore areas of technology that catch their fancy.	 Zack Newman	Published 20/Apr/14
Jared Browarnik Cofounds TheTake	In January 2013, while the rest of the student body was on Winter Break, Jared Browarnik, SEAS'16, attended a 5-day	 Angela Wang	Published 29/Mar/14

adacu.com/admin/events/edit/54177b39804ccf3aff677a3f

Eventum

The screenshot displays the 'View Events' page of the Eventum application. The browser address bar shows 'adacu.com/admin/events'. The interface features a dark sidebar with navigation icons for home, calendar, quote, group, and image. The main content area is titled 'Events' and includes a '+', a 'Past events' section, and two main event lists: 'This Week' and 'Next Week'. Each event card displays the title, location, date and time, and the organizer's name and profile picture.

Events

Past events

This Week

- Graph Analytics at Goldman Sachs**
Hamilton 303
Monday, September 22 8:00-9:00pm
Dan Schlosser
- Columbia Creates: Build Apps with JavaScript**
Hamilton 302
Tuesday, September 23 8:00-9:00pm
Gilad Penn
- Cookies and Code**
Lerner 5th Floor Satow Room
Wednesday, September 24 10:00pm-Thursday, September 25 12:00am
Dan Schlosser
- Columbia Creates: Build Your First Web App (Part 1)**
Hamilton 602
Wednesday, September 24 9:00-10:00pm
Dan Schlosser
- Colum Codin**
SIC Hou
113th S
Thursd
7:30-10

Next Week

- Columbia Creates: Intro to AngularJS**
Hamilton 304
Monday, September 29 8:00-9:00pm
Polina Viro
- Cookies and Code**
Lerner 5th Floor Satow Room
Wednesday, October 1 10:00pm-Thursday, October 2 12:00am
Dan Schlosser
- Columbia Creates: Build Your First Web App (Part 2)**
Hamilton 602
Wednesday, October 1 9:00-10:00pm
Dan Schlosser
- Columbia Creates: Coding to Learn**
SIC House Basement (619 W 113th St)
Thursday, October 2 7:30-10:30pm
Jett Andersen

Eventum

Create a New Event

Dan

adacu.com/admin/events/create

← New Event

Save Draft

→ Publish

Event Title

Permalink: <http://adacu.com/events/cookies-and-code>

Location

9/26/2014 7:00pm to 9/26/2014 8:00pm

Facebook Event URL

☐ Repeat...

+

Short Description. This should be **one** to **two** sentences long.

Long Description. This should be **four** to **five** sentences. Feel free to include [links](http://adacu.com).

Home

Calendar

Quote

Users

Images

→

Write a Blog Post

Dan

adacu.com/admin/posts/new

← Edit Post

Save Draft

→ Publish

Title

Permalink: <http://adacu.com/blog/post/my-cool-post>

Author: Dan Schlosser (You)

Type your post here.

Rendered in **Markdown**!

Add Images

Images can be reference by name in markdown once they have been added here.

+

Home

Calendar

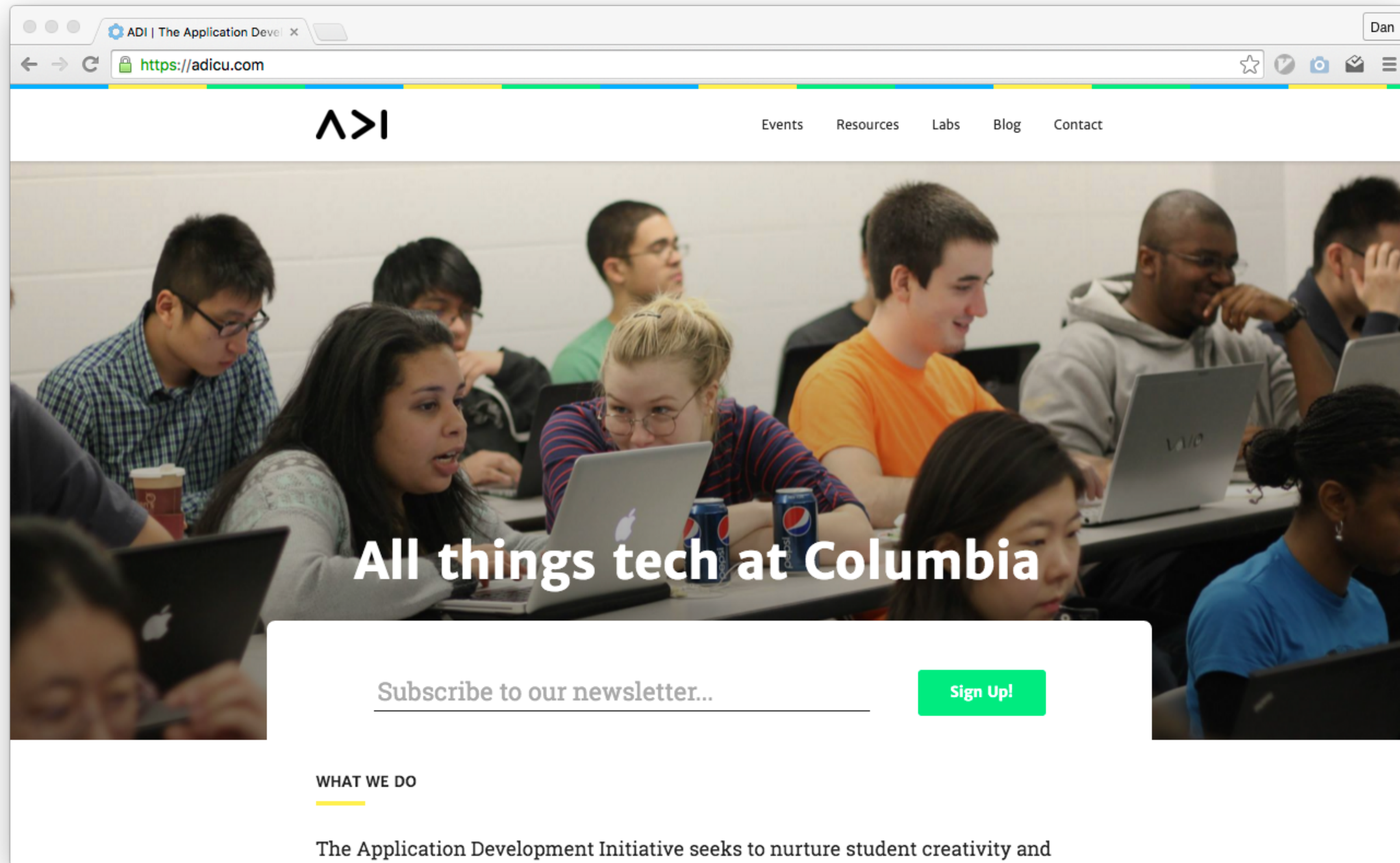
Quote

Users

Images

→

Eventum



Refactor

Making Eventum Usable

Refactor

Refactor

1. **Move Eventum code into a pip package**

Pip Package

```
from flask import Flask
from eventum import Eventum

app = Flask(__name__)

app.config[ 'EVENTUM_SETTINGS' ] = {
    # ...
}

eventum = Eventum(app)
```

Refactor

1. Move Eventum code into a pip package
- 2. Create Eventum class**

Eventum Class

```
class Eventum(object):

    def __init__(self, app=None):
        if app is not None:
            self.init_app(app)

    def init_app(self, app):
        app.extensions = getattr(app, 'extensions', {})
        if self.EXTENSION_NAME not in app.extensions:
            app.extensions[self.EXTENSION_NAME] = self

    # ...
```

Eventum Class

```
# ...

self.app = app
self._normalize_client_settings()
self._setdefault_eventum_settings()
self.register_templates()
self.db = MongoEngine(app)
self.register_delete_rules()
self.register_blueprints()
configure_routing(app)
self.register_scss()
self._gcal_client = GoogleCalendarAPIClient(app)
set_web_server_client_id(app)
self.register_logger()
```


Refactor

1. Move Eventum code into a pip package
2. Create Eventum class
- 3. Build out configuration system**

Refactor

1. Move Eventum code into a pip package
2. Create Eventum class
3. Build out configuration system
- 4. Restructure templates and static assets**

Restructure Assets

```
@property
def assets(self):
    if self._assets is None:
        if (not hasattr(self.app.jinja_env, 'assets_environment') or
            not self.app.jinja_env.assets_environment):
            self._assets = Environment(self.app)
        else:
            self._assets = self.app.jinja_env.assets_environment
    return self._assets
```

Refactor

1. Move Eventum code into a pip package
2. Create Eventum class
3. Build out configuration system
4. Restructure templates and static assets
- 5. Remove unnecessary dependencies**

Refactor

1. Move Eventum code into a pip package
2. Create Eventum class
3. Build out configuration system
4. Restructure templates and static assets
5. Remove unnecessary dependencies
- 6. Streamlined SCSS**

Thanks!

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