The background features a series of concentric circles in white and light gray. Arrows point from one circle to the next in a clockwise direction. The numbers 40, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, and 260 are placed along the outer edge of the circles.

WHIPPING YOUR LARGE  
SITE INTO SHAPE!

# READ.ME

- Lead Developer Evangelist for HERE Technologies ([developer.here.com](http://developer.here.com))
- Co-author of The Jamstack Book (MEAP access at Manning!)
  - <https://www.manning.com/books/the-jamstack-book>
- [raymondcamden.com](http://raymondcamden.com)
- @raymondcamden (DMs are open!)



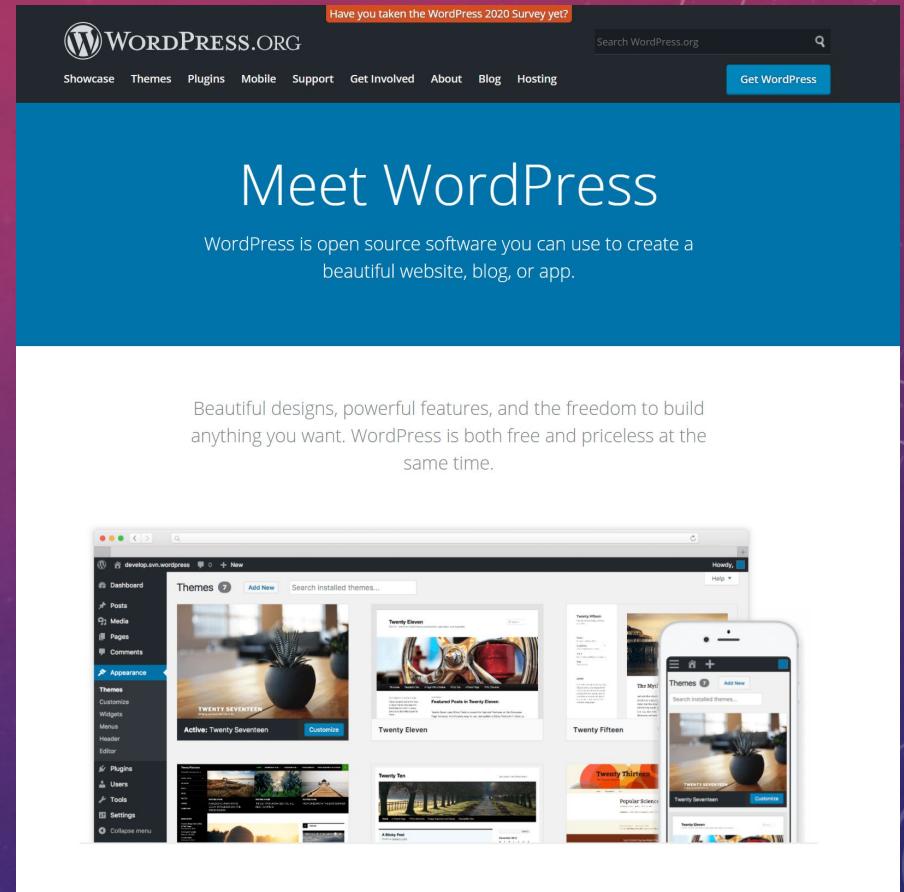
# HISTORY LESSON

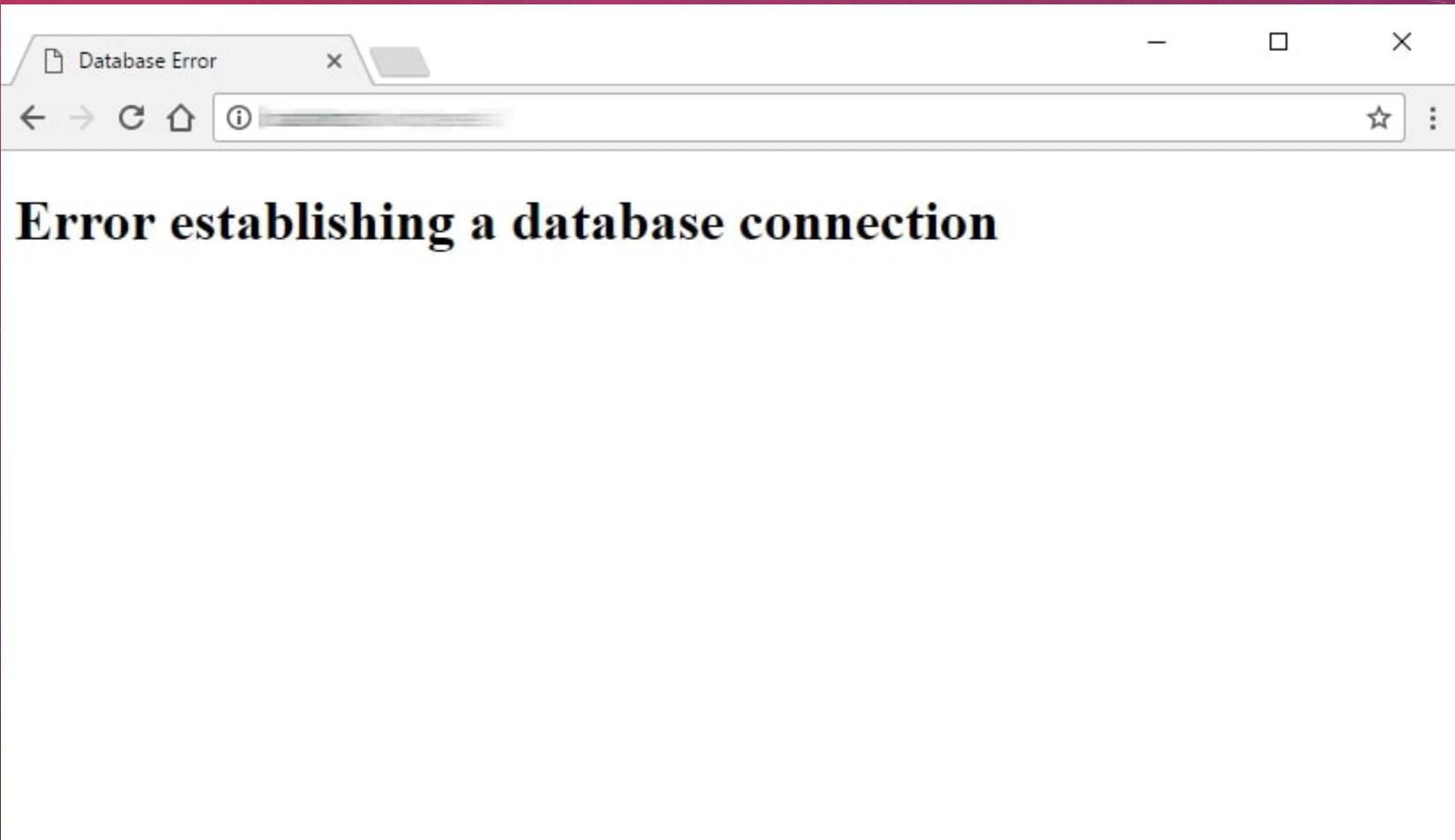
# RAYMONDCAMDEN.COM

- Launched my blog in February of 2003
- 6148 entries, 341 a year
- Custom blog-ware using Adobe ColdFusion and SQL Server
- Roughly 100K pageviews per month

# CHANGES...

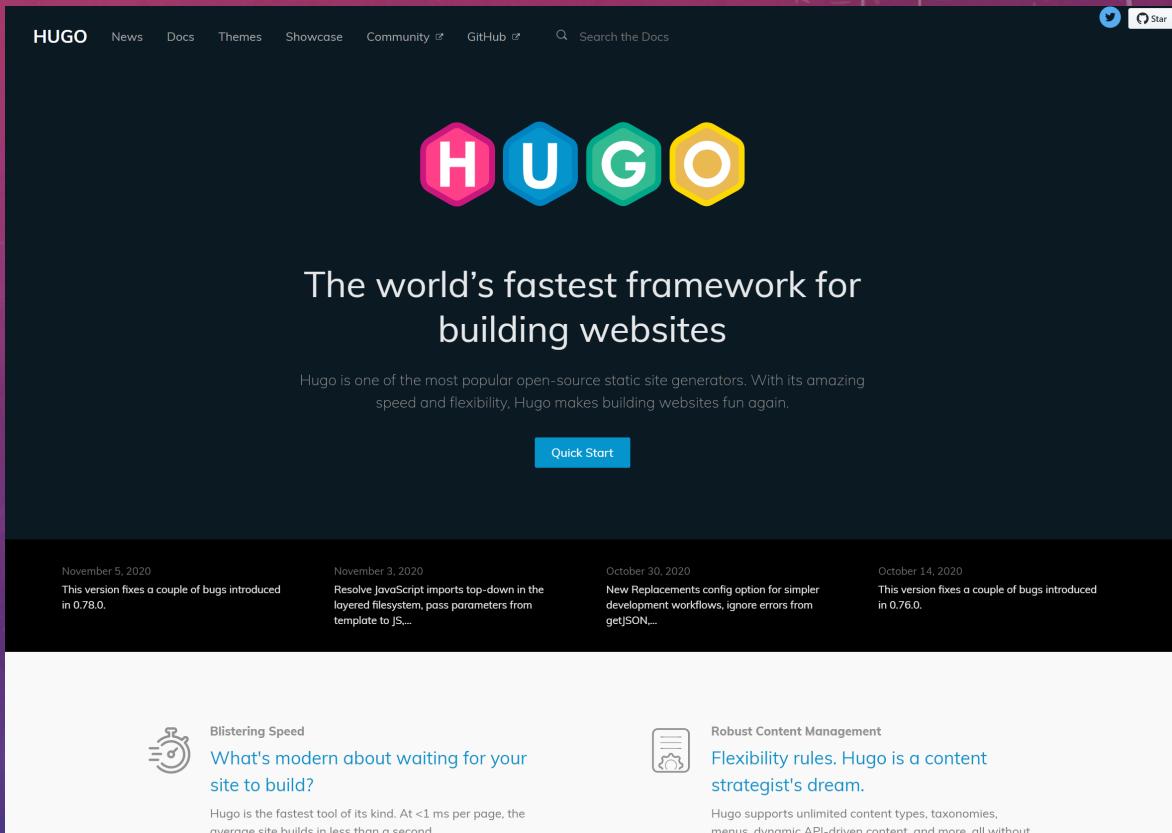
- Switched to WordPress in December 2014
- And it went perfectly!





# MORE CHANGES...

- Moved to Hugo in January of 2016
- Fast!
- But I hated Hugo.



The screenshot shows the Hugo website homepage with a dark theme. At the top, there's a navigation bar with links for HUGO, News, Docs, Themes, Showcase, Community, GitHub, and a search bar. Below the navigation is the Hugo logo, which consists of the word "HUGO" in a stylized font where each letter is a different color and shape (pink, blue, green, yellow). The main headline reads "The world's fastest framework for building websites". A subtext below it says "Hugo is one of the most popular open-source static site generators. With its amazing speed and flexibility, Hugo makes building websites fun again." A "Quick Start" button is located in the middle right. At the bottom, there are four cards with release notes: one for November 5, 2020, one for November 3, 2020, one for October 30, 2020, and one for October 14, 2020. The bottom section also features two cards: "Blistering Speed" and "Robust Content Management".

HUGO News Docs Themes Showcase Community GitHub Search the Docs

**HUGO**

The world's fastest framework for building websites

Hugo is one of the most popular open-source static site generators. With its amazing speed and flexibility, Hugo makes building websites fun again.

Quick Start

November 5, 2020  
This version fixes a couple of bugs introduced in 0.78.0.

November 3, 2020  
Resolve JavaScript imports top-down in the layered filesystem, pass parameters from template to JS...

October 30, 2020  
New Replacements config option for simpler development workflows, ignore errors from getJSON...

October 14, 2020  
This version fixes a couple of bugs introduced in 0.76.0.

 Blistering Speed  
What's modern about waiting for your site to build?  
Hugo is the fastest tool of its kind. At <1 ms per page, the average site builds in less than a second.

 Robust Content Management  
Flexibility rules. Hugo is a content strategist's dream.  
Hugo supports unlimited content types, taxonomies, menus, dynamic API-driven content, and more, all without

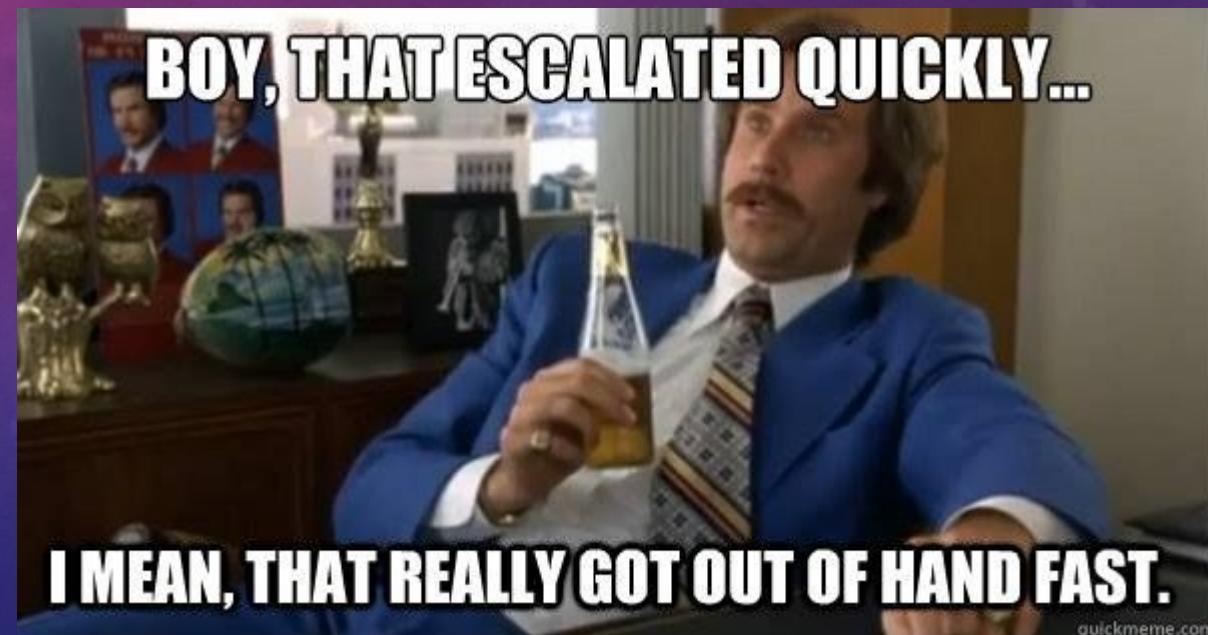
# EVEN MORE CHANGES

- Moved to Jekyll in May of 2018
- Not as fast
- But I liked it!
- But I hated installing it on Windows. 😞

The screenshot shows the official Jekyll website at [jekyllrb.com](https://jekyllrb.com). The header includes the Jekyll logo, navigation links for HOME, DOCS, RESOURCES, SHOWCASE, NEWS, a search bar, and links for V4.1.1 and GITHUB. The main heading reads "Transform your plain text into static websites and blogs." Below this are three sections: "Simple" (describing static sites), "Static" (describing blog-aware sites with permalinks and categories), and "Blog-aware" (describing static sites with custom layouts). A "Quick-start Instructions" box contains terminal commands for setting up a new site: `gem install bundler jekyll`, `jekyll new my-awesome-site`, `cd my-awesome-site`, `bundle exec jekyll serve`, and a note to browse to `http://localhost:4000`. A "Free hosting with GitHub Pages" section features the GitHub cat logo and text about deploying sites using GitHub Pages. A yellow arrow points from the "Proudly hosted by GitHub" text to the GitHub logo.

# YET ANOTHER CHANGE...

- Discovered Eleventy in October of 2019



[RaymondCamden.com now powered by Eleventy!](#) – FEBRUARY 27, 2020

[Adding Another Template Language to Eleventy](#) – FEBRUARY 19, 2020

[Adding Text Linting to Eleventy](#) – FEBRUARY 10, 2020

[Checking \(and Upgrading\) Template Engines in Eleventy](#) – FEBRUARY 7, 2020

[Adding a Last Edited Field to Eleventy](#) – FEBRUARY 6, 2020

[Adding Google Calendar to your JAMStack](#) – NOVEMBER 18, 2019

[Adding Search to your Eleventy Static Site with Lunr](#) – OCTOBER 20, 2019

[Why I'm Digging Eleventy](#) – OCTOBER 12, 2019

# MANAGING A LARGE SITE IS HARD

- Making local development better
- Making build times better
- Handling media

# LOCAL DEV IDEAS

- Use --quiet

Writing \_site/2020/01/08/yet-another-damn-todo-app-in-vuejs/index.html from ./\_posts/2020/01/08/2020-01-08-yet-another-damn-todo-app-in-vuejs.md.  
Writing \_site/2020/09/30/tracking-posts-by-week-in-eleventy/index.html from ./\_posts/2020/09/30/2020-09-30-tracking-posts-by-week-in-eleventy.md.  
Writing \_site/2020/02/01/building-table-sorting-and-pagination-in-vuejs-with-async-data/index.html from ./\_posts/2020/02/01/2020-02-01-building-table-sorting-and-pagination-in-vuejs-with-async-data.md.  
Writing \_site/2020/08/28/an-experiment-with-vue-components/index.html from ./\_posts/2020/08/28/2020-08-28-an-experiment-with-vue-components.md.  
Writing \_site/2020/07/06/how-to-enable-your-jamstack-site-to-have-a-rain-day/index.html from ./\_posts/2020/07/06/2020-07-06-how-to-enable-your-jamstack-site-to-have-a-rain-day.md.  
Writing \_site/2020/03/28/a-look-at-pipedream/index.html from ./\_posts/2020/03/28/2020-03-28-a-look-at-pipedream.md.  
Writing \_site/2020/02/19/adding-another-template-language-to-eleventy/index.html from ./\_posts/2020/02/19/2020-02-19-adding-another-template-language-to-eleventy.md.  
Writing \_site/2020/10/08/another-netlify-analytics-hack-stats-per-url/index.html from ./\_posts/2020/10/08/2020-10-08-another-netlify-analytics-hack-stats-per-url.md.  
Writing \_site/2020/08/07/hiding-future-content-with-eleventy/index.html from ./\_posts/2020/08/07/2020-08-07-hiding-future-content-with-eleventy.md.  
Writing \_site/2020/06/24/adding-algolia-search-to-eleventy-and-netlify/index.html from ./\_posts/2020/06/24/2020-06-24-adding-algolia-search-to-eleventy-and-netlify.md.  
Writing \_site/2020/06/23/determining-food-popularity-by-location/index.html from ./\_posts/2020/06/23/2020-06-23-determining-food-popularity-by-location.md.  
Writing \_site/2020/02/06/adding-a-last-edited-field-to-eleventy/index.html from ./\_posts/2020/02/06/2020-02-06-adding-a-last-edited-field-to-eleventy.md.  
Writing \_site/2020/04/15/processing-email-sentiment-with-pipedream/index.html from ./\_posts/2020/04/15/2020-04-15-processing-email-sentiment-with-pipedream.md.  
Writing \_site/2020/05/19/updating-my-reddit-workflow-with-pipedream/index.html from ./\_posts/2020/05/19/2020-05-19-updating-my-reddit-workflow-with-pipedream.md.  
Writing \_site/2020/03/02/vue-quick-shot-disabling-a-submit-button-while-waiting-for-an-ajax-call/index.html from ./\_posts/2020/03/02/2020-03-02-vue-quick-shot-disabling-a-submit-button-while-waiting-for-an-ajax-call.md.  
Writing \_site/2020/08/24/supporting-multiple-authors-in-an-eleventy-blog/index.html from ./\_posts/2020/08/24/2020-08-24-supporting-multiple-authors-in-an-eleventy-blog.md.  
Writing \_site/2020/01/03/another-damn-todo-app-in-vuejs/index.html from ./\_posts/2020/01/03/2020-01-03-another-damn-todo-app-in-vuejs.md.  
Writing \_site/2020/04/14/creating-both-html-and-api-with-pipedream/index.html from ./\_posts/2020/04/14/2020-04-14-creating-both-html-and-api-with-pipedream.md.  
Writing \_site/2020/03/04/vue-quick-shot-using-a-loading-message/index.html from ./\_posts/2020/03/04/2020-03-04-vue-quick-shot-using-a-loading-message.md.  
Writing \_site/2020/05/21/integrating-google-analytics-with-eleventy/index.html from ./\_posts/2020/05/21/2020-05-21-integrating-google-analytics-with-eleventy.md.  
Writing \_site/2020/04/04/using-state-in-pipedream-workflows/index.html from ./\_posts/2020/04/04/2020-04-04-using-state-in-pipedream-workflows.md.  
Writing \_site/2020/04/11/how-pipedream-got-me-excited-about-sql-again/index.html from ./\_posts/2020/04/11/2020-04-11-how-pipedream-got-me-excited-about-sql-again.md.  
Writing \_site/2020/04/27/building-a-google-sheets-twitter-bot-with-pipedream/index.html from ./\_posts/2020/04/27/2020-04-27-building-a-google-sheets-twitter-bot-with-pipedream.md.  
Writing \_site/2020/08/16/migrating-from-node-and-express-to-the-jamstack-part-3/index.html from ./\_posts/2020/08/16/2020-08-16-migrating-from-node-and-express-to-the-jamstack-part-3.md.  
Writing \_site/2020/07/28/building-a-twitter-scheduling-system-with-pipedream-and-google-sheets/index.html from ./\_posts/2020/07/28/2020-07-28-building-a-twitter-scheduling-system-with-pipedream-and-google-sheets.md.  
Writing \_site/2020/07/01/adding-algolia-search-to-eleventy-and-netlify-part-two/index.html from ./\_posts/2020/07/01/2020-07-01-adding-algolia-search-to-eleventy-and-netlify-part-two.md.  
Writing \_site/2020/07/07/building-a-vue-application-with-serverless-on-netlify/index.html from ./\_posts/2020/07/07/2020-07-07-building-a-vue-application-with-serverless-on-netlify.md.  
Writing \_site/2020/05/07/looking-at-pipedreams-event-sources/index.html from ./\_posts/2020/05/07/2020-05-07-looking-at-pipedreams-event-sources.md.  
Writing \_site/2020/08/06/migrating-from-node-and-express-to-the-jamstack-part-1/index.html from ./\_posts/2020/08/05/2020-08-05-migrating-from-node-and-express-to-the-jamstack-part-1.md.  
Writing \_site/2020/10/21/review-learning-progressive-web-apps-by-john-wargo/index.html from ./\_posts/2020/10/21/2020-10-21-review-learning-progressive-web-apps-by-john-wargo.md.  
Writing \_site/2020/04/20/building-a-reddit-workflow-with-pipedream/index.html from ./\_posts/2020/04/20/2020-04-20-building-a-reddit-workflow-with-pipedream.md.  
Writing \_site/2020/02/07/checking-and-upgrading-template-engines-in-eleventy/index.html from ./\_posts/2020/02/07/2020-02-07-checking-and-upgrading-template-engines-in-eleventy.md.  
Writing \_site/2020/10/15/vue-quick-shot-warn-before-leaving-a-form/index.html from ./\_posts/2020/10/15/2020-10-15-vue-quick-shot-warn-before-leaving-a-form.md.  
Writing \_site/2020/09/14/vue-quick-shot-form-field-character-counters/index.html from ./\_posts/2020/09/14/2020-09-14-vue-quick-shot-form-field-character-counters.md.  
Writing \_site/2020/09/20/vue-quick-shot-uploading-a-file/index.html from ./\_posts/2020/09/20/2020-09-20-vue-quick-shot-uploading-a-file.md.  
Writing \_site/2020/09/06/building-a-traffic-based-workflow-in-pipedream/index.html from ./\_posts/2020/09/06/2020-09-06-building-a-traffic-based-workflow-in-pipedream.md.  
Writing \_site/2020/09/15/hooking-up-faunadb-to-eleventy/index.html from ./\_posts/2020/09/15/2020-09-15-hooking-up-faunadb-to-eleventy.md.  
Writing \_site/2020/07/17/testing-vuejs-application-files-that-arent-components/index.html from ./\_posts/2020/07/17/2020-07-17-testing-vuejs-application-files-that-arent-components.md.  
Writing \_site/2020/03/05/vue-quick-shot-image-upload-previews/index.html from ./\_posts/2020/03/05/2020-03-05-vue-quick-shot-image-upload-previews.md.  
Writing \_site/2020/10/26/selecting-random-posts-in-eleventy/index.html from ./\_posts/2020/10/26/2020-10-26-selecting-random-posts-in-eleventy.md.  
Writing \_site/2020/08/15/migrating-from-node-and-express-to-the-jamstack-part-2/index.html from ./\_posts/2020/08/15/2020-08-15-migrating-from-node-and-express-to-the-jamstack-part-2.md.

# LOCAL DEV IDEAS

- Use `-quiet`
- Use `.eleventyignore`

## 📄 .eleventyignore

```
1  /_posts/200*/**
2  /_posts/2010/**
```

3 /\_posts/2011/\*\*

```
4  /_posts/2012/**
```

5 /\_posts/2013/\*\*

```
6  /_posts/2014/**
```

7 /\_posts/2015/\*\*

```
8  /_posts/2016/**
```

9 /\_posts/2017/\*\*

```
10 /_posts/2018/**
```

11 /\_posts/2019/\*\*

```
12 |
```

# .ELEVENTYIGNORE CAVEATS

- Don't check it into your repo
- Currently no way to configure the ignore file
- UI issues

## — CATEGORIES

ADOPTION BOOKS COLDFUSION  
DESIGN DEVELOPER DEVELOPMENT  
FLEX GAMES HTML5  
JAVASCRIPT JQUERY MISC  
MOBILE MOVIES MUSIC  
SERVERLESS STATIC SITES  
TELEVISION UNCATEGORIZED  
VIDEO GAMES

# LOCAL DEV IDEAS

- Use `--quiet`
- Use `.eleventyignore`
- Look for startup stuff you can mock
- JavaScript logic in your `_data`

```
1 const fetch = require('node-fetch');
2
3 module.exports = function() {
4
5     let token = process.env.NETLIFY_TOKEN;
6     let siteId = process.env.NETLIFY_SITE_ID;
7
8     return new Promise(async (resolve, reject) => {
9
10        let today = new Date();
11        let lastWeek = new Date();
12        lastWeek.setDate(today.getDate() - 7);
13
14        try {
15            let url = `https://analytics.services.netlify.com/v1/${siteId}/pages?from=${lastWeek.getTime()}&to=${today.getTime()}&timezone=-0500&limit=15`;
16
17            let result = await fetch(url, {
18                headers: {
19                    'Authorization':`Bearer ${token}`
20                }
21            });
22            let dataOb = await result.json();
23
24            let pages = dataOb.data.filter(d => {
25                if(d.path === '/' || d.path === '/recentPosts/') return false;
26                return true;
27            });
28            resolve(pages);
29
30        } catch(e) {
31            console.log(e);
32            resolve();
33        }
34
35    });
36
37};
```

# PRODUCTION IDEAS

- Diagnose and track what impacts the entire site
- Netlify specific: Disable form processing (if not using it, duh ;)

# PARTIAL VS FULL SITE UPDATES

- Some changes impact one page
- Some impact everything

– LATEST POSTS

**Adding a Warning for Old Posts to  
Your Jamstack Site**

NOVEMBER 9, 2020

**Adding Your Netlify Build Status to  
Your Site**

NOVEMBER 4, 2020

**Selecting Random Posts in Eleventy**

OCTOBER 26, 2020

**Review: Learning Progressive Web  
Apps by John Wargo**

OCTOBER 21, 2020

**Vue Quick Shot - Warn Before  
Leaving a Form**

OCTOBER 15, 2020

# FORM PROCESSING

- Netlify specific
- Disables looking for forms to support



HERE Slack Vue 11ty Web Tools



The  
Master  
Channel



HTTPSter



Discord



HERE DOCS



Work



Web Standards

## General

## Build & deploy

Continuous Deployment

Environment

Post processing

Deploy notifications

Domain management

Analytics

Functions

Identity

Forms

Large Media

Access control

Enable prerendering to allow crawlers used by search engines and social networks to see the pages rendered by your app.

[Learn more about prerendering in the docs](#)

[Edit settings](#)

## Form detection

With each deploy, Netlify scans new and changed HTML files for forms to enable handling submissions. If you're not using Netlify Forms, you can disable form detection to speed up deploy time.

Form detection is disabled.

[Learn more about form detection in the docs](#)

[Edit settings](#)

# MEDIA

- 1K images
- 50 zip files
- Other “stuff”

# MEDIA – MY SOLUTION?

- Amazon S3
- Visual Studio Code snippet for images
- “Mostly” easy ([https](https://) was a pain)

SO HOW'S IT WORKING FOR YA?

Search deploys

Trigger deploy ▾

Production: master@[caa1ce2](#) Published

new gig

Today at 11:15 AM

Deployed in 17m 54s

Production: master@[c23c2e1](#)

new post

Yesterday at 12:04 PM

Deployed in 20m 3s

Production: master@[ec7b69a](#)

add note for old posts

Yesterday at 11:07 AM

Deployed in 20m 30s

Production: master@[90c8db6](#)

new conf

Nov 7 at 10:46 AM

Deployed in 16m 24s

Production: master@[8adce12](#)

new post

Nov 4 at 8:58 AM

Deployed in 18m 40s

Production: master@[dbff000](#)

new function

Nov 3 at 1:31 PM

Deployed in 7m 5s

Production: master@[HEAD](#)

No deploy message

Nov 2 at 4:53 PM

Deployed in 6m 18s

Production: master@[261c5a4](#)

Merge branch 'master' of github.com:cfjedimaster/raymondcamden2020

Nov 2 at 8:41 AM

Deployed in 20m 5s

Production: master@[e37cd2e2](#)

new article

Oct 30 at 4:29 PM

Deployed in 18m 54s

Production: master@[308527b](#)

new post

Oct 26 at 9:08 PM

Deployed in 16m 14s

Production: master@[84a2862](#)

even more redirects

Oct 26 at 2:01 PM

Deployed in 19m 6s

Production: master@[HEAD](#)

No deploy message

Oct 22 at 5:54 PM

Deployed in 5m 35s

Production: master@[HEAD](#)

No deploy message

Oct 22 at 5:37 PM

Deployed in 14m 17s

