

CRAFTING RICH DOCUMENTATION WITH VUEPRESS

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A lil bit about me..



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The Journey

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- An Overview of Static sites and Static Site generators

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- An Overview of Static sites and Static Site generators
- Why Documentation?

The Journey

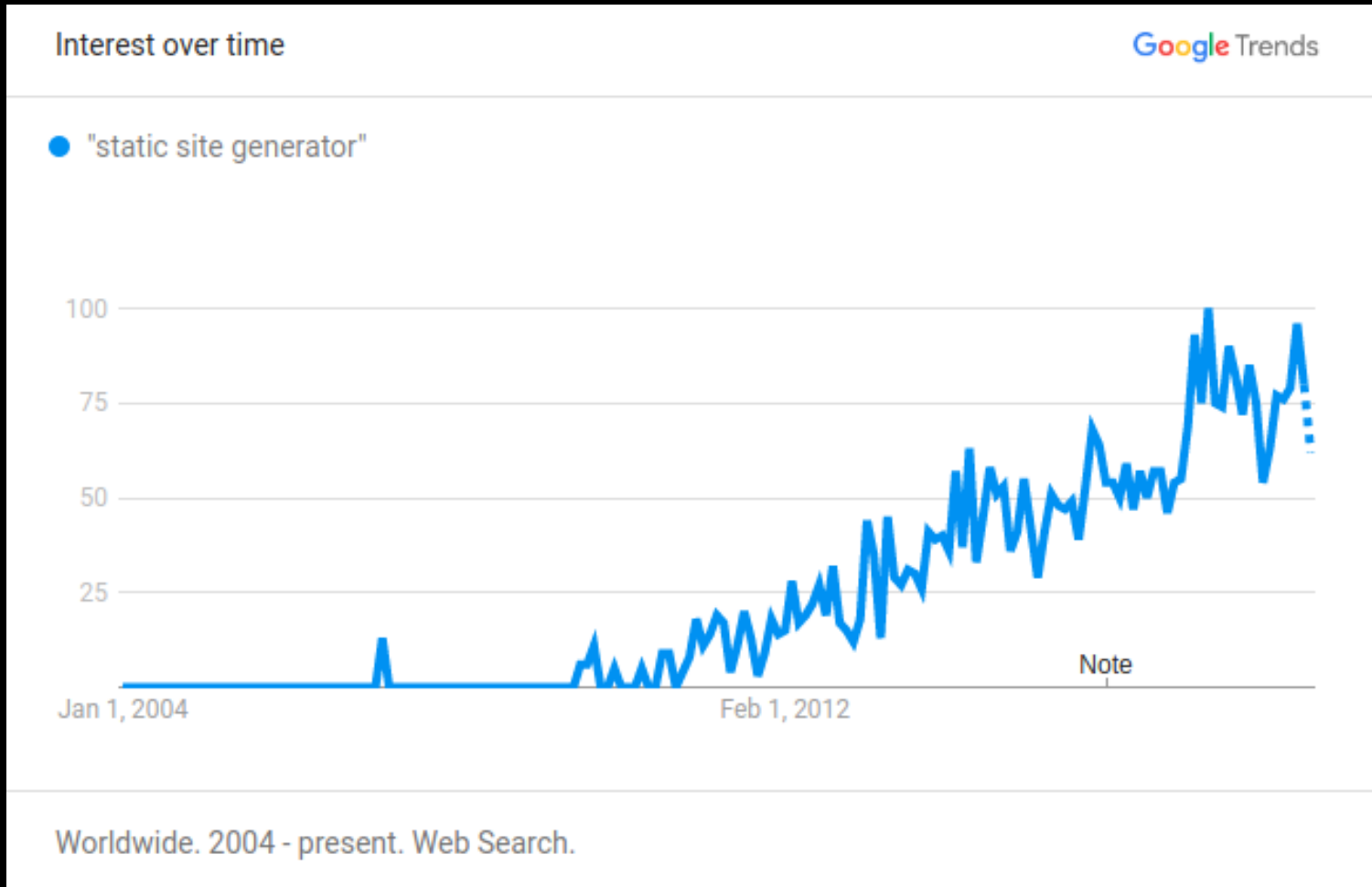
- An Overview of Static sites and Static Site generators
- Why Documentation?
- Hello Vuepress...

What are Static Site Generators?

Static Site Generators are a new, hybrid approach to web development that allows you to build a powerful, website locally on your computer but pre-builds the site into static files for deployment.

<https://wsvincent.com/what-is-a-static-site-generator/>

Popularity Trend from 2014 - Present



Staticgen.com



<https://www.staticgen.com/>

Staticgen.com

- Hugo



<https://www.staticgen.com/>

Staticgen.com

- Hugo
- Gatsby



<https://www.staticgen.com/>

Staticgen.com

- Hugo
- Gatsby
- Vuepress



<https://www.staticgen.com/>

Benefits Of Static Sites Generators

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- Performance

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- Secure

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- Easy to Deploy

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- Performance
- Secure
- Easy to Deploy
- SEO Friendly

Gotchas??

Gotchas

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Gotchas??

- No server



Gotchas??

- No server
- No complex functionality



#JAMSTACK

Javascript API's Markup

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#JAMSTACK

Javascript API's Markup

- Algolia
- Snipcart
- Netlify forms
- Auth0
- Cloudinary
- Disqus



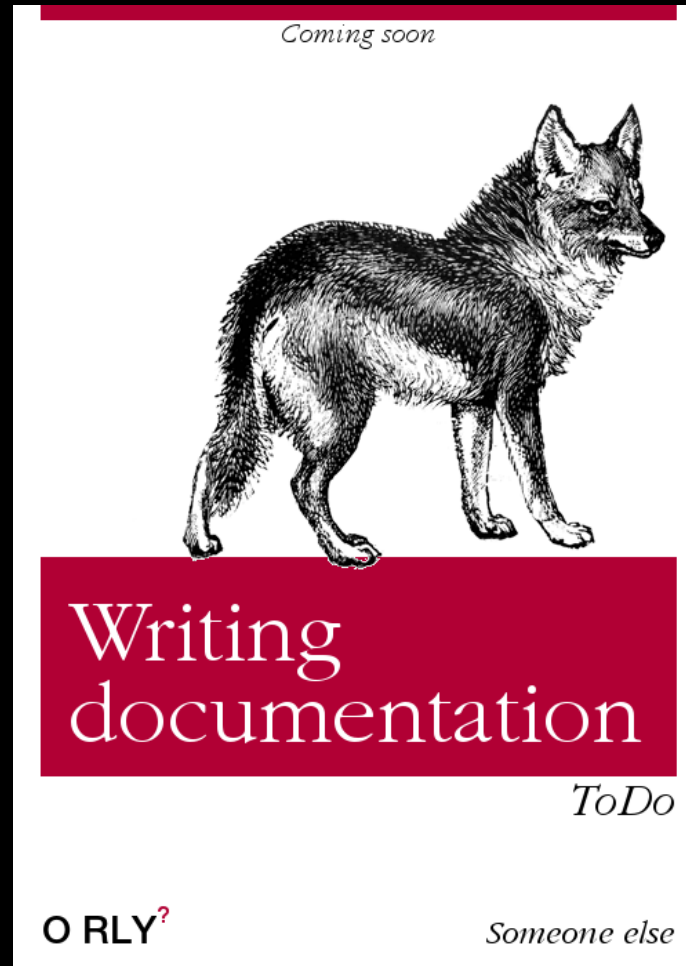
The Possibilities
Are (Almost)
Endless



So why Documentation?

So why Documentation?

So why Documentation?



Benefits of Documentation

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- It helps keep the team informed

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- Maintaining Open Source software

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- It helps keep the team informed
- Maintaining Open Source software
- Onboarding new team members
- Better opportunities for the team to remember things

Vuepress

vuepress.vuejs.org



Vuepress

vuepress.vuejs.org



Building Blocks

Vuepress

vuepress.vuejs.org



Building Blocks

Vue

Webpack

Vue Router

Why should you love
VuePress?

Why should you love VuePress?

- Simplicity First

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- Fast Performance

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Why should you love VuePress?

- Simplicity First
- Fast Performance
- Automatic Service Worker
- Multiple Language Support
- Google Analytics out of the box

THEMING

```
// .vuepress/config.js
module.exports = {
  themeConfig: {
    nav: [
      { text: 'Home', link: '/' },
      { text: 'Guide', link: '/guide/' },
      { text: 'External', link: 'https://google.com' },
    ]
  }
}
```

← Navbar
configuration

Custom Algolia
Search →

```
// .vuepress/config.js
module.exports = {
  themeConfig: {
    algolia: {
      apiKey: '1eb37de6308abdccf9b760ddacb418b4',
      indexName: 'qwerty'
    }
  }
}
```

SHOWCASE

Vue cli

Vuex

Vue-server-renderer

Vue router

Vue-test-utils

Vue loader

Laravel Nova

DEMO TIME



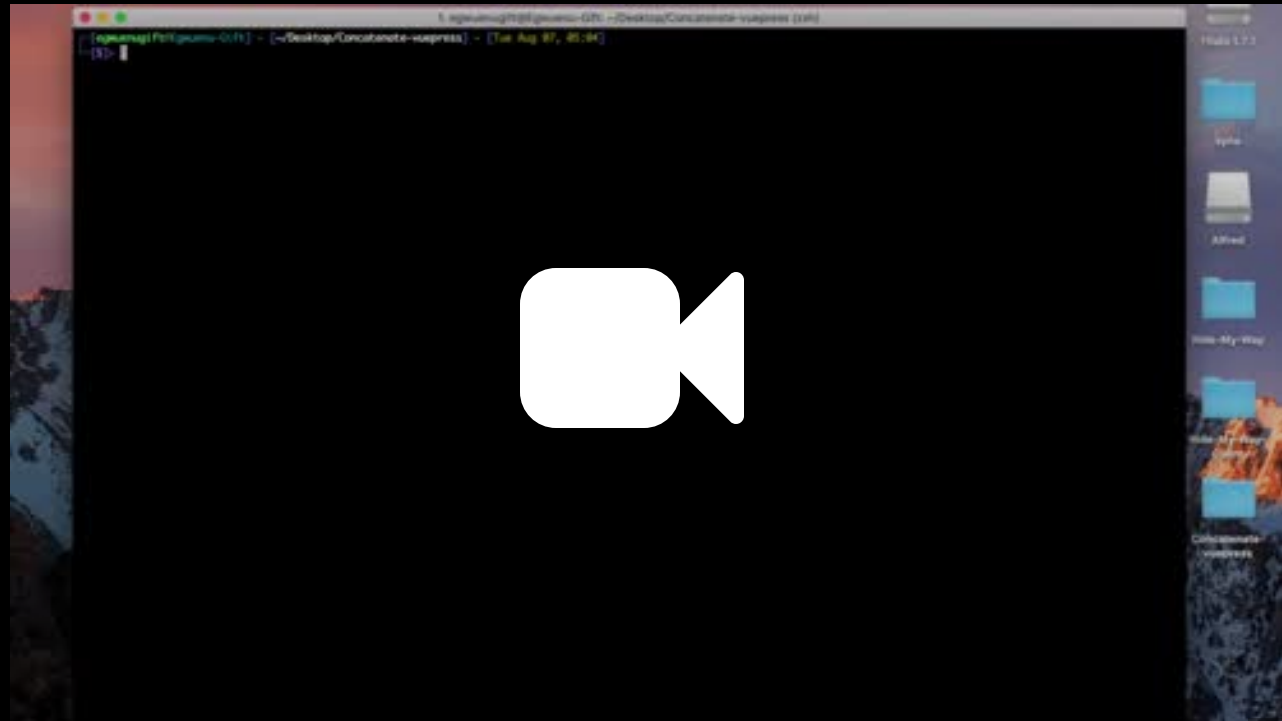
Getting Started

```
// install vuepress globally
$ yarn global add vuepress

# create a markdown file
echo '# Hello VuePress' > README.md

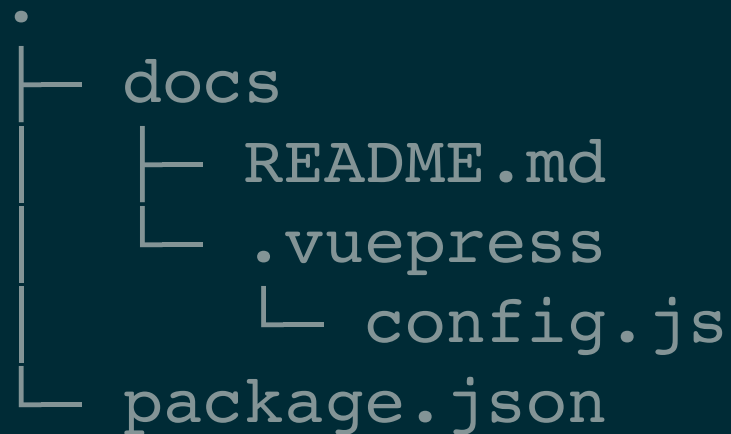
# start writing
vuepress dev

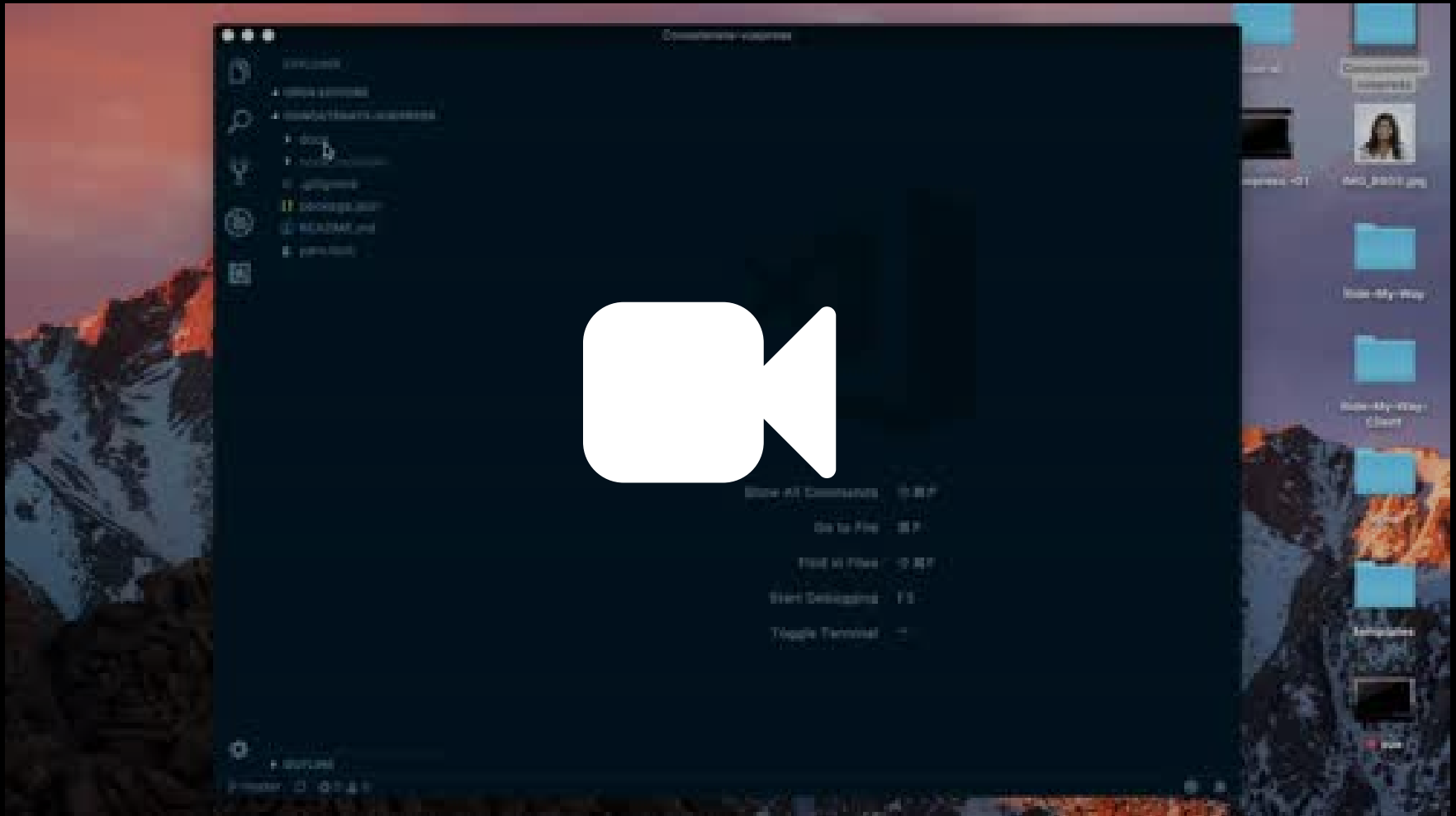
# build to static files
vuepress build
```



Project Structure

- `.vuepress/config.js`(config center)
- `README.md` (manage content)
- `package.json`(manage dependencies)





Deployment

- Github pages
- Netlify
- Surge
- Now
- Firebase

```
// package.json
{
  "scripts": {
    "doc:dev": "vuepress dev docs",
    "docs:build": "vuepress build docs"
  }
}
```

DEMO

bit.ly/vuepress-demo

REPO

bit.ly/vuepress-repo

RESOURCES

- <https://staticgen.com>
- <https://vuepress.vuejs.org>
- <https://github.com/vuejs/vuepress>
- <https://github.com/myles/awesome-static-generators>
- <https://www.thenewdynamic.org/>
- <https://jamstack.org/>

Slides:

bit.ly/vuepress

Questions??

THANK YOU :)

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@lauragift21 on twitter