

Nuxt 3 Static Site Project Structure

Static generation with Nuxt Content. Ideal for blogs, documentation, and marketing sites.

#nuxt #vue #static #content #blog #jamstack

PNG

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Project Directory

my-static-site/

>  **content/** Markdown/YAML c...

 **index.md** Home page conte...

>  **blog/** Blog posts

 **1.getting-started.md** Ordered by pref...

 **2.nuxt-features.md**

>  **docs/** Documentation

 **1.introduction.md**

 **2.installation.md**

>  **3.guides/**

 **1.quickstart.md**

>  **pages/** File-based rout...

 **index.vue** Landing page

>  **blog/**

 **index.vue** Blog listing

 **[...slug].vue** Blog post from ...

>  **docs/**

 **[...slug].vue** Doc pages from ...

>  **components/** Auto-imported c...

>  **content/** MDC components

 **Alert.vue** Use as ::alert ...

 **CodeGroup.vue**

 **AppHeader.vue**

 **AppFooter.vue**

 **BlogCard.vue**

 **DocsSidebar.vue**

>  **layouts/**

 **default.vue**

 **docs.vue** With sidebar na...

>  **composables/**

 **useNavigation.ts** Doc nav from co...

>  **assets/** Processed assets

>  **css/**

 **main.css**

 **prose.css** Typography for ...

>  **public/** Static files

 **favicon.ico**

 **images/**

 **nuxt.config.ts** Static generati...

 **app.config.ts** Site metadata

 **package.json**

 **tsconfig.json**

 **.gitignore**

Why This Structure?

This structure uses **Nuxt Content** to build static sites from Markdown. Content lives in **content/**, pages in **pages/**. Pre-rendered at build time for maximum performance and SEO. Perfect for blogs, docs, and marketing sites where content changes less frequently than code.

Key Directories

content/ - **Markdown files** become queryable content
content/blog/ - Blog posts with **frontmatter metadata**
content/docs/ - Documentation with automatic navigation
components/content/ - **MDC components** for rich markdown
pages/[...slug].vue - **Catch-all route** renders content

Nuxt Content Features

Frontmatter - **YAML** at top of .md for title, date, tags
MDC syntax - **::component** for Vue in markdown
queryContent() - Query and filter markdown files
Numbered prefixes - **1.intro.md, 2.setup.md** for ordering

Getting Started

```
npx nuxi@latest init my-static-site
cd my-static-site
npm install @nuxt/content
Add @nuxt/content to nuxt.config.ts modules
mkdir -p content/blog
npm run dev
npm run generate # Build static site
```

When To Use This

- Blogs and personal websites
- Documentation sites
- Marketing and landing pages
- Portfolio sites
- Content-heavy sites with infrequent updates

Static Generation

Run **npm run generate** to pre-render all pages to **.output/public/**. Deploy to any static host: Vercel, Netlify, Cloudflare Pages, GitHub Pages. No server runtime needed—just HTML, CSS, and JS.

Trade-offs

Build time - Regenerate entire site for content changes
No dynamic data - Can add client-side fetching if needed
@nuxt/content dependency - Adds complexity vs plain markdown

Best Practices

- Use **numbered prefixes (1., 2.)** to order content
- Put reusable markdown in **content/_partials/**
- Use **components/content/** for MDC components
- Add images to **public/images/** and reference absolutely
- Configure sitemap and robots via **nuxt-seo module**