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Hugo on Netlify

Hugo is a fast and flexible open source static site generator written in Go.

Key features

These features provide important benefits for Hugo sites, including ones built and deployed with Netlify.

Build speed. Hugo boasts near-instant build times of less than one millisecond per page. For large sites with a lot of pages, this can translate into significant time savings during site development and Netlify build and deploy processes.

Choice of themes. The Hugo ecosystem includes a wide range of premade [themes](#) for styling static content.

Robust templating. Hugo uses Go templates with `html/template` and `text/template` libraries to control templating.

Instant previews. The [LiveReload](#) tool is integrated into Hugo for a hot reloading experience during development.

URL management. Hugo has built-in support for [URL manipulations](#) and [redirects](#).

Netlify integration

Hugo sites on Netlify can benefit from automatic framework detection and control over Hugo version selection. They also require theme setup considerations.

Automatic framework detection

When you link a repository for a project, Netlify tries to detect the framework your site is using. If your site is built with Hugo, Netlify provides a suggested build command and publish directory: `hugo` and `public`. If you're using the CLI to run [Netlify Dev](#) for a local development environment, Netlify also suggests a dev command and port: `hugo server -w` and `1313`. You can override suggested values or set them in a configuration file instead, but automatic framework detection may help simplify the process of setting up a site on Netlify.

For manual configuration, check out the [typical build settings](#) for Hugo.

Hugo version

By default we'll use the Hugo version that is preinstalled in your site's initial [build image](#). Because the preinstalled version may not match your local version, we recommend setting a `HUGO_VERSION` environment variable. You can set the variable to the version string for any released version after 0.19, for example, `0.80.0`.

1. First, confirm your local Hugo version with `hugo version`.

In the **Create a new site** page, select **Show advanced**. This provides access to **Advanced build settings**, where you can create the environment variable while linking your site.

Basic build settings

If you're using a static site generator or build tool, we'll need these settings to build your site.

[Learn more in the docs](#) ↗

Base directory



Build command

hugo



Publish directory

public



Advanced build settings

Define environment variables for more control and flexibility over your build.

Pro tip! Add a [netlify.toml](#) configuration file to your repository for even more flexibility.

Key

HUGO_VERSION

Value

0.80.0



New variable

Alternatively, add the following to `netlify.toml` in your site's [base directory](#), where `YOUR_HUGO_VERSION` is a version string such as `0.80.0`.

toml 

```
[build]
  command = "hugo"
  publish = "public"

[build.environment]
  HUGO_VERSION = "YOUR_HUGO_VERSION"
```

site on Netlify, remember to set `HUGO_VERSION` to the version you are using locally.

Hugo themes

Hugo themes work by default on Netlify. Like any continuous integration system, however, Netlify can't use a theme installed by the `git clone` method. Instead, you should install a Hugo theme for your site as a git submodule. The [Hugo docs](#) provide more information.

Here's an example:

```
cd YOUR_PROJECT_DIRECTORY
git init
git submodule add https://github.com/THEME_CREATOR/THEME_NAME
```

sh 

More resources

[Typical Hugo build settings](#)

[Host Hugo on Netlify](#)

[Hugo documentation](#)

← [Framework integrations](#)

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