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First, install the global executable:

```
npm install -g gatsby-cli
```

Run `gatsby --help` for a list of commands and options.

- **gatsby new my-site-name**

Create a new local Gatsby site using the default starter (see “Quick Start Commands” in this cheat sheet on how to use other starters).

- **gatsby develop**

Start the Gatsby development server.

<code>-H, --host</code>	Set host. Defaults to <i>localhost</i>
<code>-p, --port</code>	Set port. Defaults to <i>8000</i>
<code>-o, --open</code>	Open the site in your (default) browser for you
<code>-S, --https</code>	Use HTTPS

- **gatsby build**

Compile your application and make it ready for deployment.

<code>--prefix-paths</code>	Build site with link paths prefixed (set <code>pathPrefix</code> in your config)
<code>--no-uglify</code>	Build site without uglifying JS bundles (for debugging)
<code>--open-tracing-config-file</code>	Tracer configuration file (OpenTracing compatible). See gatsby.dev/tracing

• gatsby serve

Serve the production build for testing.

-H, --host	Set host. Defaults to <code>localhost</code>
-p, --port	Set port. Defaults to <code>9000</code>
-o, --open	Open the site in your (default) browser for you
--prefix-paths	Serve site with link paths prefixed (if built with <code>pathPrefix</code> in your <code>gatsby-config.js</code>)

• gatsby info

Get helpful environment information which will be required when reporting a bug at github.com/gatsbyjs/gatsby/issues.

-C, --clipboard Automagically copy environment information to clipboard

• gatsby clean

Wipe out Gatsby's `.cache` and `public` directories.



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Create a new Gatsby site using the “Blog” starter:

```
gatsby new my-blog-starter https://github.com/gatsbyjs/gatsby-starter-blog
```

Navigate into your new site's directory and start it up:

```
cd my-blog-starter/  
gatsby develop
```

Your site is now running at `http://localhost:8000!`

You'll also see a second link: `http://localhost:8000/___graphql`. This is a tool you can use to experiment with querying your data. Learn more about it at gatsby.dev/tutorial

For more Gatsby starters, visit gatsby.dev/starters.

Each of these files should live at the root of your Gatsby project folder. See gatsby.dev/projects

- `gatsby-config.js` — configure options for a Gatsby site, with metadata for project title, description, plugins, etc.
- `gatsby-node.js` — implement Gatsby's Node.js APIs to customize and extend default settings affecting the build process
- `gatsby-browser.js` — customize and extend default settings affecting the browser, using Gatsby's browser APIs
- `gatsby-ssr.js` — use Gatsby's server-side rendering APIs to customize default settings affecting server-side rendering