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.

  - `--host`
    Set host. Defaults to `localhost`

  - `--port`
    Set port. Defaults to `8000`

  - `--open`
    Open the site in your (default) browser for you

  - `--https`
    Use HTTPS

- **gatsby build**
  Compile your application and make it ready for deployment.

  - `--prefix-paths`
    Build site with link paths prefixed (set `pathPrefix` in your config)

  - `--no-uglify`
    Build site without uglifying JS bundles (for debugging)

  - `--open-tracing-config-file`
    Tracer configuration file (OpenTracing compatible). See `gatsby.dev/tracing`
Create a new Gatsby site using the “Blog” starter:

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

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

```bash
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

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