

- Routing
- Layout
- Linking between pages
  - Navigation
  - Passing props as states
  - Read query string
  - Multi-level component

## Routing

---

Gatsby sites are so fast because a lot of the work is done at build time and the running site is using mostly static content. During that process, Gatsby creates paths to access that content, handling routing for us. So there are two ways to generate routes: - At build time using rehydration. - client only routes using @reach/router

**At build time:** There are two ways we can create auto routes:

- Creating component inside `src/pages` folder, gatsby automatically creates routes/pages for it.
- Using `createPages` API in `gatsby-node.js`.

**Client only routes:**

Demo

**At build time - auto routes**

All `.js` files inside `src/pages` will generate its own page in your Gatsby site. It matches and maintain same file/folder structure of it's found in.

**Using `createPage` action.**

Demo

## Layout

---

Demo

## Linking between pages

---

- Navigation

Navigate in-application/local routes: Gatsby's `Link` component can be used for it.

External links: anchor tag, `<a href="url" />`

- Passing props as states
- Read query string