

Creating Static Pages



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Gatsby Routing



Files and Routing

File Name	Route
index.js	/
about.js	/about
contact.js	/contact
hello.js	/hello



Files and Routing

File Name	Route
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React Components and JSX



React Component

A React component is a reusable piece of JavaScript code that encapsulates related presentation and logic.



Contact Form



Contact Form

First name

Last name

Address

City

Postal code

Text input components

SEND



Contact Form

First name

Last name

Address

City

Postal code

SEND



Button component



Contact Form

First name

Last name

Address

City

Postal code

SEND

Contact form
component



Contact Form



```
function submit() {  
  ...  
}
```



JSX

React's JavaScript templating extension, that allows us to write HTML-like code inside JavaScript.



JSX
Code

Babel



JSX
Code



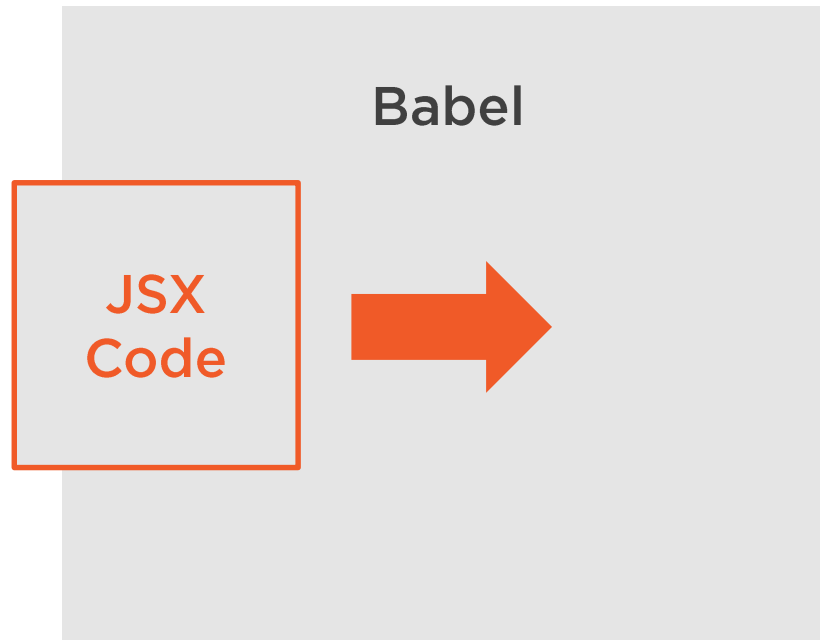
Babel



Babel

JSX
Code





Babel



Babel



Babel



```
export default () =>  
  <div>Hello Gatsby!</div>
```

Babel

```
"use strict";  
  
Object.defineProperty(exports,  
  "__esModule", {  
    value: true  
  });  
  
exports.default = function () {  
  return React.createElement(  
    "div",  
    null,  
    "Hello Gatsby!"  
  );  
};
```



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Babel

Babel is a JavaScript compiler that in this case converts JSX code to JavaScript code



Gatsby's Link Component

Advantages over a regular HTML A tag

Use the LINK component instead of a regular HTML A tag

Use LINK with internal pages only

- `<Link to="/">Home</Link>`

Use HTML A tag to link to external pages

- `External link`



Summary



Gatsby pages

- About.js === www.site.com/about

Pages and links

- `<Link to="url">This is a link</Link>`

React components

- Reusable pieces of code that encapsulate UI and logic

JSX

- Templating engine
- Write HTML-like syntax inside JavaScript files

