Embed file contents within PrismJS blocks

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You can embed the contents of existing files within your Markdown using the `gatsby-remark-embed-snippet` with `gatsby-remark-prismjs`.

Let's start by displaying file contents as a highlighted code block, then see how to control line highlighting and visibility from within the source file.

Embedding files

After installing the required plugins you can embed a file within your Markdown by using `embed` snippets. To embed the file `src/code-examples/plain.js` you could write the following:

This will look like:

```
embed:plain.js
```

Highlight lines

You can highlight specific lines by adding special comments to the source file. Let's see how this works in `src/code-examples/highlight-lines.js`.

Take a look at the `highlight-line` comment on line 4 and the `highlight-range` comment on line 8:

"'jsx{numberLines: true} import React from "react" import ReactDOM from "react-dom"

const name = `Brian` // highlight-line

ReactDOM.render(

```
{/* highlight-range{1-2} */}
<h1>Hello, ${name}!</h1>
<h2>Welcome to this example</h2>
```

, document.getElementById(`root`))

```
When the file is embedded with:
```

```
<pre>`embed:highlight-lines.js`</pre>
```

it will display like this:

`embed:highlight-lines.js`

Hide lines

You can use similar comments to hide specific lines. Here's another example, this time using

````
```jsx{numberLines: true}
/* hide-range{1-3} */
import React from "react"
import ReactDOM from "react-dom"

const name = `Brian`

// hide-next-line
ReactDOM.render(
  <div>
    <h1>Hello, ${name}!</h1>
    <h2>Welcome to this example</h2>
  </div>,
  document.getElementById(`root`) // hide-line
) // hide-line
````

Which will display like this:

embed:hide-lines.js

All together now

You can mix line highlighting and hiding in the same file. This is from src/code-examples/hide-and-highlight-lines.js

```
/* hide-range{1-3} */
import React from "react"
import ReactDOM from "react-dom"

// highlight-next-line
const name = `Brian`

// highlight-range{4-5}
// hide-next-line
ReactDOM.render(
  <div>
    <h1>Hello, ${name}!</h1>
```

```
    <h2>Welcome to this example</h2>
  </div>,
  document.getElementById(`root`) // hide-line
) // hide-line
```

It'll look like this:

```
embed:hide-and-highlight-lines.js
```

Related info

You've learnt how to embed the contents of existing files into your Markdown using `gatsby-remark-embed-snippet` with `gatsby-remark-prismjs`. Hurray!

If you'd prefer to write your code blocks directly within your Markdown, take a look at the example Code and Syntax Highlighting with PrismJS.