Markdown Syntax

Markdown is a very common way to write content in Gatsby posts and pages.
This guide contains tips for Markdown syntax and formatting that might come
in handy!

Headings

```
# heading 1
```

```
## heading 2
```

```
### heading 3
```

```
#### heading 4
```

```
##### heading 5
```

```
###### heading 6
```

Here's how those tags render in HTML:

heading 1

heading 2

heading 3

heading 4

heading 5   ###### heading 6

- each heading gets converted to their HTML equivalent
  - i.e. `# heading 1` is `<h1>heading 1</h1>`
- Correct usage of each heading should follow the accessibility guidelines
  set by the World Wide Web Consortium (W3C) *Note: in the Gatsby docs,
  h1s are already included from `title` entries in frontmatter metadata, and
  contributions in Markdown should begin with h2.*

Emphasized text

- Italic
  - one asterisk or one underscore
    * `*italic*` or `_italic_`
    * *italic!*
- Bold
  - two asterisks or two underscores
    * `**bold**` or `__bold__`
    * **bold!**
- Italic and Bold
  - three asterisks or three underscore
    * `***italic and bold***` or `___italic and bold___`
    * ***italic and bold!!***

Lists

Unordered

- can use `*`, `-`, or `+` for each list item

```
* Gatsby
  * docs
- Gatsby
  - docs
+ Gatsby
  + docs
```

How unordered lists are rendered in HTML:

- Gatsby
  - docs
- Gatsby
  - docs
- Gatsby
  - docs

Ordered

- number and period for each list item
- using `1.` for each item can automatically increment depending on the content

```
1. One
1. Two
1. Three
```

1. One
2. Two
3. Three

Links and images

Link

Links in Markdown use this format. URLs can be relative or remote:

`[Text](url)`

Example of a link rendering in HTML:

Gatsby site

Image with alt text

`![alt text](path-to-image)`

Image without alt text

This pattern is appropriate for decorative or repetitive images:

`![](path-to-image)`

Blockquote

- Use > to declare a blockquote
- Adding multiple > will create nested blockquotes
- It is recommended to place > before each line
- You can use other Markdown syntax inside blockquotes

```
> blockquote
>
> > nested blockquote
>
> > **I'm bold!**
>
> more quotes
```

> Blockquote
>
> > nested blockquote
> >
> > **I'm bold!**
>
> more quotes

Code comments

Inline

- Enclose the text in backticks 'code'
- Inline `code` looks like this sentence

Code blocks

- Indent a block by four spaces

MD vs MDX

- MDX is a superset of Markdown. It allows you to write JSX inside markdown. This includes importing and rendering React components!

Processing Markdown and MDX in Gatsby:

- In order to process and use Markdown or MDX in Gatsby, you can use the gatsby-source-filesystem plugin
- You can check out the package README for more information on how it works!

Frontmatter

- Metadata for your Markdown
- Variables that can later be injected into your components
- Must be:
    - At the top of the file
    - Valid YAML
    - Between triple dashed lines

```
---
title: My Frontmatter Title
example_boolean: true
---
```

Frontmatter + MDX example

```
---
description: A simple example of a description in frontmatter
---

import { Chart } from "../components/chart"

# Here's a chart

The chart is rendered inside our MDX document.
```

```
<Chart description={description} />
```

Helpful resources

- https://daringfireball.net/projects/markdown/syntax
- https://www.markdownguide.org/basic-syntax