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GitHub Flavored Markdown Cheat Sheet

**GitHubFlavoredMarkdown.md**

# What's Up With Markdown

## *GitHub Flavored Markdown Cheat Sheet*

This serves as a quick reference and showcase of GitHub Flavored Markdown. For more complete info, see [John Gruber's original spec](#) and the [Github-flavored Markdown info page](#).

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## NEW! Notes

- > `[!NOTE]`  
> Highlights information that users should take into account, even when skimming.
- > `[!TIP]`  
> Optional information to help a user be more successful.
- > `[!IMPORTANT]`  
> Crucial information necessary for users to succeed.
- > `[!WARNING]`  
> Critical content demanding immediate user attention due to potential risks.
- > `[!CAUTION]`  
> Negative potential consequences of an action.

Note

Highlights information that users should take into account, even when skimming.

 **Tip**

Optional information to help a user be more successful.

 **Important**

Crucial information necessary for users to succeed.

 **Warning**

Critical content demanding immediate user attention due to potential risks.

 **Caution**

Negative potential consequences of an action.

## Blockquotes

```
>> Blockquotes are very handy in email to emulate reply text.
>> This line is part of the same quote.
> This is one less quote level
This line gets incorporated with the quote because it's only a single newline away

Quote break.

> This is a very long line that will still be quoted properly when it wraps. Oh boy let's keep writing to make
```

Blockquotes are very handy in email to emulate reply text. This line is part of the same quote. This is one less quote level This line gets incorporated with the quote because it's only a single newline away

Quote break.

This is a very long line that will still be quoted properly when it wraps. Oh boy let's keep writing to make sure this is long enough to actually wrap for everyone. Oh, you can *put* **Markdown** into a blockquote.

## Code and Syntax Highlighting

Code blocks are part of the Markdown spec, but syntax highlighting isn't. However, many renderers -- like Github's and *Markdown Here* -- support syntax highlighting. *Markdown Here* supports highlighting for dozens of languages (and not-really-languages, like diffs and HTTP headers); to see the complete list, and how to write the language names, see the [highlight.js demo page](#).

```
Inline `code` has `back-ticks around` it.
```

Inline `code` has `back-ticks around` it.

Blocks of code are either fenced by lines with three back-ticks `````, or are indented with four spaces. I recommend only using the fenced code blocks -- they're easier and only they support syntax highlighting.

```
```javascript
var s = "JavaScript syntax highlighting";
alert(s);
```

```python
s = "Python syntax highlighting"
print s
```

```
```

```
No language indicated.
let what = 'will it' + B;

// let's throw in a comment
<b>tag</b>.
```

// And code blocks that are just indented 4 spaces
let me = out > ofHere ? 'bye' : 'never' ;
return null;
me = 'help I'm trapped after the return line!';
```

```
var s = "JavaScript syntax highlighting";
alert(s);
```

```
s = "Python syntax highlighting"
print s
```

```
No language indicated.
let what = 'will it' + B;

// let's throw in a comment
<b>tag</b>.
```

```
// And code blocks that are just indented 4 spaces
let me = out > ofHere ? 'bye' : 'never' ;
return null;
me = 'help I'm trapped after the return line!';
```

Again, to see what languages are available for highlighting, and how to write those language names, see the [highlight.js demo page](#).

---

## Emphasis

Emphasis, aka italics, with *asterisks* or *underscores*.

Strong emphasis, aka bold, with **asterisks** or **underscores**.

Combined emphasis with **asterisks** and *underscores*.

Strikethrough uses one tilde ~~Scratch This~~ or two tildes. ~~Scratch this~~.

Emphasis, aka italics, with *asterisks* or *underscores*.

Strong emphasis, aka bold, with **asterisks** or **underscores**.

Combined emphasis with **asterisks** and *underscores*.

Strikethrough uses one tilde ~~Scratch This~~ or two tildes. ~~Scratch this~~.

Note: In the GitHub text editor, only two tildes shows the inline preview, but either one or two tildes show the same on output.

---

## Headers

For H1 and H2, an underline-ish style:

```
Alt-H1
=====
```

```
Alt-H2
-----
```

Or the more common

```
# H1
## H2
### H3
#### H4
##### H5
##### H6
```

For H1 and H2, an underline-ish style:

# Alt-H1

## Alt-H2

Or the more common

# H1

## H2

### H3

#### H4

##### H5

###### H6

## Horizontal Rule

Three or more...

Hyphens

```
---
```

Asterisks

```
***
```

Underscores

```
_____
```

All become a thick horizontal line.

Three or more...

Hyphens

Asterisks

Underscores

All become a thick horizontal line.

# HTML in Markdown

You can also use raw HTML in your Markdown... sometimes:

```
<dl>
  <dt>Definition list</dt>
  <dd>Is something people use sometimes.</dd>

  <dt>Markdown in HTML</dt>
  <dd>Does *not* work **very** well. Use HTML <em>tags</em>.</dd>
</dl>

For &lt;img> see [***Images***](#images)
```

**Definition list**  
Is something people use sometimes.

**Markdown in HTML**  
Does *\*not\** work *\*\*very\*\** well. Use HTML *tags*.

For <img> see [Images](#)

## SUP SUB & PRE

```
SuperScript<sup>You *can* use **markdown** in ***superscript***</sup>

SubScript<sub>You *can* use **markdown** in ***subscript***</sub>

<pre>    The
    &lt;Pre>;
    Tag
    Works    similar    to    `` `
But < and > are not escaped around a <word>
This allows <i>some</i> tags in <b>the pre</b> area<sup>Super!</sup></pre>
```

SuperScriptYou *can* use **markdown** in *superscript*

SubScriptYou *can* use **markdown** in *subscript*

```
    The
    <Pre>
    Tag
    Works    similar    to    `` `
But < and > are not escaped around a
This allows some tags in the pre areaSuper!
```

## HTML Tables

```
<table>
  <tr><th>HTML</th><th>Tables</th><th colspan="2">Are Possible</th></tr>
  <tr><th colspan="2">Dessert:</th><td>Jello</td><td>Whirrled</td></tr>
  <tr><td colspan="4" align="center">And more flexible</td></tr>
  <tr><td colspan="4" align="center">since you can use colspan</td></tr>
  <tr><td>And</td><td rowspan="2" colspan="2" align="center">rowspan</td><td>To</td></tr>
  <tr><td>Also</td><td>Boot</td></tr>
</table>
```

HTML	Tables	Are Possible	
Dessert:		Jello	Whirrled
And more flexible			
since you can use colspan			
And	rowspan		To

Also	Boot
------	------

## Details/Summary

```
But perhaps the most useful add is that of details/summary

<details><summary><b>Click here</b> for a surprise!</summary>

**I'm hidden till I'm not, then**

### Sir, Prize!

I can use markdown **here in details**, but no markdown in the **summary**.

</details>
```

But perhaps the most useful add is that of details/summary

► **Click here** for a surprise!

## Images

```
Here's a logo (hover logo to see the alt text):

Inline-style:
![don't forget to do alt text](https://avatars.githubusercontent.com/u/42009457?s=40&v=4 "Logo Title Hover Tex

Reference-style:
![don't forget to do alt text, this is a logo][logo]

And regular HTML img tags work, and allows setting the width or height, and classes for use with pages:

<img width="200" alt="Hi There! Please be descriptive with Alt Text!!" class="recess" src="https://avatars.git

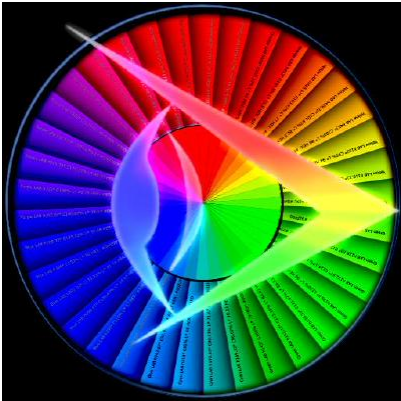
[logo]: https://avatars.githubusercontent.com/u/42009457?s=40&v=4 "Logo Title Hover Text: The Sequel"
```

Here's a logo (hover to see the title text):

Inline-style: 

Reference-style: 

And regular HTML img tags work, and allows setting the width or height, and classes for use with pages:



## Links

There are several ways to create links.

```
[I'm an inline-style link](https://www.google.com)
```

```
[I'm a reference-style link][Arbitrary case-insensitive reference text]
```

```
[You can use numbers][1] for reference-style link definitions
```

```
Or leave it empty and use the [link text itself][]
```

Some text to show that the reference links can follow later. But while we're at it, might as well point out we

```
[arbitrary case-insensitive reference text]: https://git.myndex.com
```

```
[1]: http://www.myndex.com/APCA/
```

```
[link text itself]: http://www.myndex.com/CVD/
```

[I'm an inline-style link](#)

[I'm a reference-style link](#)

[You can use numbers](#) for reference-style link definitions

Or leave it empty and use the [link text itself](#)

Some text to show that the reference links can follow later. But while we're at it, might as well point out we can use [html links](#) too—this is useful if you need to add a class for use with pages/Jeckyl/whatever.

---

## Lists

```
1. First ordered list item
2. Another item
  * Unordered sub-list, lead with 4 spaces
1. Actual numbers don't matter, just that it's a number
  1. Ordered sub-list, lead with 4 spaces
    1. More sub, lead with 4 spaces
      3. Notice how the numbers can get janky
      1. Notice how the numbers can get janky
    2. previous sub
  2. previous sub
4. And another item.
```

```
1. Main level
  1. second level
    1. third level
      - fourth level
    2. third level
  2. Second level
7. main level
```

Unordered list:

```
- This is a list
  - This is a sub list, lead with 4 spaces
    - and a further sublist, lead with 4 spaces
      - and still more subing
  - back down a few
  1. add in some ordered stuff
  3. more ordered stuff
    2. sub ordered stuff
      1. Hi There
- Back to the future
```

Some text that should be aligned with the above item.

```
* Unordered list can use asterisks
- Or minuses
+ Or pluses
```

1. First ordered list item

2. Another item

- Unordered sub-list, lead with 4 spaces

3. Actual numbers don't matter, just that it's a number

- i. Ordered sub-list, lead with 4 spaces
  - a. More sub, lead with 4 spaces 3. Notice how the numbers can get janky
  - b. previous sub
- ii. previous sub

4. And another item.

5. Main level

- i. second level
  - a. third level
    - fourth level
  - b. third level
- ii. Second level

6. main level

Unordered list:

- This is a list
  - This is a sub list, lead with 4 spaces
    - and a further sublist, lead with 4 spaces
    - and still more subing
  - back down a few
  - i. add in some ordered stuff
  - ii. more ordered stuff 2. sub ordered stuff 1. Hi There

- Back to the future

Some text that should be aligned with the above item.

- Unordered list can use asterisks
- Or minuses
- Or pluses

---

## Line Breaks

---

Here are some things to try out:

```
Here's a line for us to start with.
```

```
This line is separated from the one above by two newlines, so it will be a *separate paragraph*.
```

```
This line is also begins a separate paragraph, but,  
despite having a single newline, it just gets wrapped together.
```

```
This line ends with four white spaces before hitting return.  
So the next line becomes a single new line
```

Here's a line for us to start with.

This line is separated from the one above by two newlines, so it will be a *separate paragraph*.

This line is also begins a separate paragraph, but, despite having a single newline, it just gets wrapped together.

This line ends with four white spaces before hitting return.  
So the next line becomes a single new line

---



# Tables

Colons can be used to align columns.

```
| Tables      | Are           | Cool  |
| :-----:  | :-----:    | :---: |
| col 3 is   | right-aligned | $1600 |
| col 2 is   | centered      | $12   |
| zebra stripes | are neat     | $1    |
```

The outer pipes (|) are optional, and you don't need to make the raw Markdown line up prettily. You can also u

```
Markdown | Less | Pretty
--- | --- | ---
*Still* | `renders` | **nicely**
1 | 2 | 3
```

Colons can be used to align columns.

Tables	Are	Cool
col 3 is	right-aligned	\$1600
col 2 is	centered	\$12
zebra stripes	are neat	\$1

The outer pipes (|) are optional, and you don't need to make the raw Markdown line up prettily. You can also use inline Markdown.

Markdown	Less	Pretty
<i>Still</i>	renders	<b>nicely</b>
1	2	3

## Note

Also see HTML tables above in [HTML Tables](#)

## Tip

Any requests for features fleshed out? DM me or leave a message below.

This cheatsheet started with a fork of Joshua Pekera's "*Markdown Here*". This Gist is expanded to cover **GitHub Flavored Markdown**, and the nuances of working with various GitHub documents.



GridexX commented on Feb 22, 2024

Thanks a lot, very usefull 🍷  
A section with the different callouts will be awesome, could you add it from this [doc](#) 😊



Myndex commented on Apr 29, 2024

Author

Hi [@GridexX](#)  
That's awesome! Thanks for bringing it to my attention! Adding now.