

# Basic Features

---

See:

- [README](#)
- <https://github.github.com/gfm/>

These features all work with:

- GitHub
- Markdown Viewer browser extension for Chrome with the "gfm" option.
- Visual Studio Code
- Eclipse (**with limitations**, as described below)

## Heading

---

The standard format for headings uses a single **hash** as prefix.

### Sub-heading

---

The standard format for sub-headings uses **two hashes** as prefixes.

#### Sub-sub-headings

##### Sub-sub-sub-headings

##### Sub-sub-sub-sub-headings

##### Sub-sub-sub-sub-sub-headings

## Heading

---

The second format for headings uses **double dashes** on the next line.

### Sub-heading

---

The second format for sub-headings uses **dashes** on the next line.

## Paragraphs

---

Paragraphs are separated by a **blank line**.

A **line break** can be produced by **two spaces**

at the end of a line. Unfortunately, this is usually not visible in text editors. Or, a **line break** can also be produced by a **backslash** at the end of the line.

However, **Eclipse** does not support backslash for line breaks.

Markdown uses backslashes (\) to escape \*, {, # and more.

## Emphasis

---

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

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

Combined emphasis with **asterisks and underscores**.

Strikethrough uses two tildes.

However, **Eclipse** does not support single oder double underscores.

## Headings can also contain ~~strikethrough~~ or monospace or \ to escape \*, { and #

---

Horizontal rule is defined by three or more **hyphens**, aka **dashes**:

---

Horizontal rule is defined by three or more **asteriks**:

---

Horizontal rule is defined by three or more **underscores**:

---

## Lists

---

Bullet list (using **asteriks**):

- apples
- oranges
- pears

Bullet list (using **pluses**):

- apples
- oranges
- pears

Bullet list (using **minuses**, aka **hyphens** or **dashes**):

- apples
- oranges
- pears
  - sub
  - sub

Numbered list (using 1.):

1. lather
2. rinse
3. repeat (nesting not supported by **Eclipse**)
  1. sub
  2. sub

Numbered list (using 1), not supported by **Eclipse**:

1. lather
2. rinse
3. repeat
  1. sub
  2. sub

## Links

---

An [example link](#).


An [example link with alternative text](#).

An [example relative link](#).

## Images

---

An image: 

An image: 

## Code Blocks

---

Source code can be indented by four **spaces**:

```
#!/bin/sh
echo 'Hello, world!'
```

Fenced code blocks offer an alternative syntax without indentation.

Source code can be fenced by three **backticks**:

```
#!/bin/sh
echo 'Hello, world!'
```

Source code can be fenced by **three tildes**:

```
#!/bin/sh
echo 'Hello, world!'
```

## Blockquotes

---

Markdown uses email-style > characters for blockquoting. Quotes can also contain line breaks using two spaces.

Quotes can also contain line breaks using backslash.

Quotes can also contain ~~strikethrough~~ or `monospace` or \ to escape \*, { and #.

Quotes can also contain lists:

- apples
- oranges
- pears

However, **Eclipse** does not support backslash for line breaks.

## Tables

---

**Tables** are an extension defined by GitHub Flavored Markdown. However, **Eclipse** does not support tables.

There must be at least 3 dashes separating each header cell. The outer pipes (|) are optional, and you don't need to make the raw Markdown line up prettily. You can also use inline Markdown.

| xx | yy | left aligned | centered | right aligned |
|----|----|--------------|----------|---------------|
| a  | b  | c            | d        | e             |

|   |               |             |                          |           |
|---|---------------|-------------|--------------------------|-----------|
| 1 | <i>italic</i> | <b>bold</b> | <del>strikethrough</del> | monospace |
|---|---------------|-------------|--------------------------|-----------|

If you add two spaces after each row, the layout is readable even if tables are not actually recognized.

| xx | yy | zz |
|----|----|----|
| a  | b  | c  |
| 1  | 2  | 3  |

## Collapsed section

---

Tips for collapsed sections

### You can add a header

You can add text within a collapsed section.

You can add an image or a code block, too.

```
puts "Hello World"
```

## Corner Cases

---

### Lists and paragraphs

---

Lists immediately following a paragraph work in GitHub, Visual Studio Code and Eclipse. Remember that a paragraph should always be surrounded by empty lines, unlike here:

- apples
- oranges

### Lists and code blocks

---

Code blocks following a list are ambiguous. Code is recognized in dillinger, which is probably wrong.

- apples
  - oranges
- code block

This can be fixed by using a paragraph before the code block or by using fenced code blocks.

- apples
- oranges

```
code
block
```

- apples
- oranges

code  
block