Markdown Tutorial

What is markdown?

Markdown is a writing tool which lets you write plain text while tagging the formatting.

Why use Markdown?

- Easy to write

- Consistent formatting

- Easy to read marked up text

- Widely supported (Github & Gitlab)

- Free

- Cross-platform

Contents

- Headings

    - # Heading 1 -> `# Heading 1`

    - Heading 2 -> `## Heading2`

    - Heading 3 -> `### Heading 3`

    - **Heading 4 -> `#### Heading 4`**

    - **Heading 5 -> `##### Heading 5`**

    - **Heading 6 -> `###### Heading 6`**

- Phrase emphasis

    - Bold text

    `That's how you write **bold** or like this __bold__`

That's how you write **bold** or like this **bold**

- Italic text

That's how you write *italic* or like this _italic_

That's how you write *italic* or like this *italic*

- Strikethrough

That's how you ~~strikethrough text~~

That's how you ~~strikethrough text~~.

- Combined Emphasis

This text uses _combination of **emphasis** for ~~dem~~ demo_

This text uses *combination of **emphasis** for ~~dem~~ demo*

- Lists

  - Unordered list

```
- first item

- second item

- third item

- fourth item
```

- first item

- second item

- third item

- fourth item

We can also use * or +

```
+ first item also

* second item also
```

- first item also
- second item also

- **Nested Lists**

- item 1

- item2

- item 3

- Ordered List

```
1. first item

2. second item

3. Third item

- Nested item

1. Another item
```

1. first item

2. second item

3. Third item

   - Nested item

   - Very Nested item

   1. Another item

- # Links

Links can be put like :

- Inline style web link

```
[I am inline style link](http://www.google.com)
```

[I am inline style link](http://www.google.com)

- Inline style web link with title

```
[I am inline style link](http://www.google.com "Your awesome title
here")
```

I am inline style link

- Reference Links

```
[google] http://www.google.com

[Google webpage][google]



[Huawei Webpage][huawei]

[huawei]: http://www.huawei.com
```

Google webpage

Huawei Webpage

- File Links

```
[Gitlab logo](./gitlab.png)
```

Gitlab logo

- Within document links

```
- [Phrase Emphasis](#phrase-emphasis)
- [Lists](#lists)
- [Links](#links)
- [Images](#images)
- [Code and Syntax Highlighting](#code-and-syntax-highlighting)
- [Tables](#tables)
- [Block Quotes](#block-quotes)
- [Horizontal rule](#horizontal-rule)
```

- ## Images

  - ### Inline style

    ```
    ![alt text]
    (https://media.licdn.com/dms/image/C510BAQHDjJMzWUhMfg/company-
    logo_200_200/0?e=2159024400&v=beta&t=19_Z0-NTcopvhaoVQcyP-
    75Mhkp9Fh5jHEixMRSTZBc "Huawei Logo")
    ```


  - ### Reference-style:

    ```
    ![alt text][logo]

    [logo]:
    https://media.licdn.com/dms/image/C510BAQHDjJMzWUhMfg/company-
    logo_200_200/0?e=2159024400&v=beta&t=19_Z0-NTcopvhaoVQcyP-
    75Mhkp9Fh5jHEixMRSTZBc
    ```

- HTML Style

```
<img
src="https://media.licdn.com/dms/image/C510BAQHDjJMzWUhMfg/compan
y-logo_200_200/0?e=2159024400&v=beta&t=19_Z0-NTcopvhaoVQcyP-
75Mhkp9Fh5jHEixMRSTZBc
">
```

- Code and Syntax Highlighting

  - Python

```
```python
def markdown():
    print("Markdown is good")
```
```

```python
def markdown():
    print("Markdown is good")
```

  - C++

```CPP
#include <iostream>

int main(){
    std::cout<<"Markdown is good"<<std::endl;
    return 0;
}
```

```cpp
#include <iostream>

int main(){
    std::cout<<"Markdown is good"<<std::endl;
    return 0;
}
```

- Shell

```
```bash
echo "Markdown is good "
mkdir markdown
cd ./markdown
```

```
```bash
echo "Markdown is good "
mkdir markdown
cd ./markdown
```

- ## Tables

Tables are only supported by Github flavoured markdown.

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 |

|   Col1                     | Col2  |
|:--------------------------:|-------|
```

```
| cell 1 is longer than usual| cell 2|
```

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

Col1	Col2
cell 1 is longer than usual	cell 2

• Block Quotes

```
> We are almost about to finish this.
```

> We are almost about to finish this.

• Horizontal Rule

Both - and _ can be used to make ruler lines.

```
---
This is between border.
___
```

This is between border.