

# Linux User Group at UTA

[www.luguta.org](http://www.luguta.org)

## Introduction to Markdown

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# Introduction to Markdown



- Quick and easy way to create documentation with basic formatting
- Easy to write as most formatting commands are intuitive and chosen to look like what they mean
- Markdown plain text is easy to read and visually corresponds to the rendered HTML
- Popularly used in creating README documents and in web forums
- Available on all platforms and major websites

# Example

Markdown:

HTML:

Results in a  
web browser:

Heading

=====

Sub-heading

-----

Paragraphs are separated  
by a blank line.

Text attributes *italic*,  
**bold**, `monospace`.

A [link](http://example.com).

Shopping list:

- \* apples
- \* oranges
- \* pears

Numbered list:

1. apples
2. oranges
3. pears

The rain---not the reign---in  
Spain.

```
<h1>Heading</h1>
```

```
<h2>Sub-heading</h2>
```

```
<p>Paragraphs are separated  
by a blank line.</p>
```

```
<p>Text attributes <em>italic</em>,  
<strong>bold</strong>,  
<code>monospace</code>.</p>
```

```
<p>A <a href="http://example.com">link</a>.</p>
```

```
<p>Shopping list:</p>
```

```
<ul>  
<li>apples</li>  
<li>oranges</li>  
<li>pears</li>  
</ul>
```

```
<p>Numbered list:</p>
```

```
<ol>  
<li>apples</li>  
<li>oranges</li>  
<li>pears</li>  
</ol>
```

```
<p>The rain&mdash;not the  
reign&mdash;in Spain.</p>
```

Heading

Sub-heading

Paragraphs are separated by a blank line.

Text attributes *italic*, **bold**, monospace.

A [link](#).

Shopping list:

- apples
- oranges
- pears

Numbered list:

1. apples
2. oranges
3. pears

The rain—not the reign—in Spain.

# Syntax

Headings (<H1>Text</H1> etc.):

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



**H1**  
**H2**  
**H3**  
**H4**  
**H5**  
**H6**

Alternatively, for H1 and H2, you can use underlines:

Alt-H1  
=====

Alt-H2  
-----

# Syntax

*Italics:*

*\*italic text\** or *\_italic text\_*

**Bold:**

**\*\*bold text\*\*** or **\_\_bold text\_\_**

Note: The `_` for emphasis can be a headache with `variable_names` etc. Try escaping with `\_`.

# Syntax

Simple numbered lists:

1. Item 1
2. Item 2
3. Item 3

Simple unordered lists:

- \* Item 1
- \* Item 2
- \* Item 3

Simple numbered lists:

1. Item 1
2. Item 2
3. Item 3

Simple unordered lists:

- Item 1
- Item 2
- Item 3

Can use \*, or -, or + for unordered lists

# Syntax

Nested lists:

1. Item 1

1. Item 1.1

2. Item 1.2

2. Item 2

3. Item 3



1. Item 1

1. Item 1.1

2. Item 1.2

2. Item 2

3. Item 3

Use two spaces for each level of nesting

# Syntax

Inline links:

[Link text](link url)

I love the [LUG website](http://www.luguta.org/)

Results:

I love the <a href="http://www.luguta.org/">LUG website</a>

I love the [LUG website](http://www.luguta.org/)

Note: Omitting the http:// from the link makes it a relative link. So be sure to keep it when linking to another website.



# Syntax

Bibliography style links (for listing longer URLs at the end):

[Link text][id]

[id]: the link's URL

Example:

Visit the [LUG website][lug] and also sign up on our [mailing list][list].

...

[lug]: <http://www.luguta.org/>

[list]: <https://listserv.uta.edu/cgi-bin/wa.exe?SUBED1=LUGUTA&A=1>

Visit the [LUG website](http://www.luguta.org/) and also sign up on our [mailing list](https://listserv.uta.edu/cgi-bin/wa.exe?SUBED1=LUGUTA&A=1).

# Syntax

Images – similar to links but with an exclamation mark

Inline-style:

![alt text](image address)

Reference-style:

![alt text][id]

[id]: link

Example:

![A cat eating a cupcake][cat]

[cat]: <http://catsoncupcakes.com/catsoncupcakes.jpg>



# Syntax

Paragraph and line breaks:

- An empty line signifies a new paragraph.
  - Two spaces at the end of a line signify a forced line break.
- Line breaks are useful around images.

Code:

Inline code can be put in backticks ``my_variable_name``.  
It appears in `monospace` and ignores any other formatting.

For a block of code, use a tab at the start of each line.

# Use Cases

- If you host a project on Github, it's and Markdown files are automatically rendered in HTML. Like:

<https://github.com/jquery/jquery/blob/master/README.md>

- If you don't like WYSIWYG HTML editors and don't want to learn HTML syntax, you can use Markdown to author web pages.
- Forums like stackoverflow.com support Markdown syntax in questions and answers.

# Links

- Original Markdown page:  
<http://daringfireball.net/projects/markdown/basics>
- Python markdown module:  
<https://pythonhosted.org/Markdown/>
- Markdown help for
  - Github - <https://help.github.com/articles/github-flavored-markdown>
  - Stackoverflow - <http://stackoverflow.com/editing-help>