

Markdown

What *is* Markdown?

What *is* Markdown?

1. A text-to-html conversion tool

What *is* Markdown?

1. A text-to-html conversion tool
2. A simplified markup-language

The history of Markdown

The history of Markdown



John Gruber



Aaron Swartz

The history of Markdown



John Gruber

<https://daringfireball.net/>



Aaron Swartz

The history of Markdown



John Gruber

<https://daringfireball.net/>

https://en.wikipedia.org/wiki/Aaron_Swartz



Aaron Swartz

The history of Markdown

The history of Markdown

John Gruber published version 1.0.1 of Markdown in December 2004, there has been no updated version ever since.

The history of Markdown

John Gruber published version 1.0.1 of Markdown in December 2004, there has been no updated version ever since.

In a blogpost from March 19, 2004, Gruber wrote about his thoughts and motivation to develop Markdown.

The history of Markdown

John Gruber published version 1.0.1 of Markdown in December 2004, there has been no updated version ever since.

In a blogpost from March 19, 2004, Gruber wrote about his thoughts and motivation to develop Markdown.

This blogpost was later called the *Gruber Manifesto* by his colleague Aaron Swartz.

The history of Markdown

In his manifesto, Gruber said that although html is easy, it is repetitive and time consuming (previews for example), and the unrendered format is not that easily readable.

The history of Markdown

In his manifesto, Gruber said that although html is easy, it is repetitive and time consuming (previews for example), and the unrendered format is not that easily readable.

Markdown has a different approach: John Gruber said that it is more like writing an email (it is his favourite medium)

The history of Markdown

In his manifesto, Gruber said that although html is easy, it is repetitive and time consuming (previews for example), and the unrendered format is not that easily readable.

Markdown has a different approach: John Gruber said that it is more like writing an email (it is his favourite medium)
→ you don't have to preview an email, you just write it.

The history of Markdown

In his manifesto, Gruber said that although html is easy, it is repetitive and time consuming (previews for example), and the unrendered format is not that easily readable.

Markdown has a different approach: John Gruber said that it is more like writing an email (it is his favourite medium) → you don't have to preview an email, you just write it.

Markdown is aimed at a gap between making it easy to use real html when you need it, and on the other hand just writing plain text when it is sensible and obvious to do so.

The history of Markdown

There is no need to escape tags when writing about code, or using special signs, for example “AT&T” in html would look like: “AT&T”. In Markdown it is just “AT&T”.

The history of Markdown

There is no need to escape tags when writing about code, or using special signs, for example “AT&T” in html would look like: “AT&T”. In Markdown it is just “AT&T”.

Html is for publication, Markdown is for reading and writing text easily in unrendered form.

The history of Markdown

Contributions by Aaron Swartz on Markdown:

The history of Markdown

Contributions by Aaron Swartz on Markdown:

Markdown syntax was heavily influenced by *atx*, a language Swartz was experimenting with in 2002 (when he was only 16 years old)!

The history of Markdown

Contributions by Aaron Swartz on Markdown:

Markdown syntax was heavily influenced by *atx*, a language Swartz was experimenting with in 2002 (when he was only 16 years old)!

The main aspect of the atx language that is still in use, is it's way of styling headers. See later for more.

The history of Markdown

Contributions by Aaron Swartz on Markdown:

Markdown syntax was heavily influenced by *atx*, a language Swartz was experimenting with in 2002 (when he was only 16 years old)!

The main aspect of the *atx* language that is still in use, is it's way of styling headers. See later for more.

Furthermore, Swartz wrote a tool that turns html back to Markdown.

Usage of Markdown in modern media

Usage of Markdown in modern media

- **Github:**

Markdown is used as a markup-language to write README-files on Github

Usage of Markdown in modern media

- **Github:**

Markdown is used as a markup-language to write README-files on Github

- **DPA (deutsche Presseagentur, German press agency):**

In 2010 it was suggested that DPA would write their press releases in Markdown (unclear if they actually did it)

Usage of Markdown in modern media

- **Github:**

Markdown is used as a markup-language to write README-files on Github

- **DPA (deutsche Presseagentur, German press agency):**

In 2010 it was suggested that DPA would write their press releases in Markdown (unclear if they actually did it)

- **StackOverflow, Reddit etc.**

Markdown can be easily integrated in posts on Reddit or StackOverflow by applying the rules of the Markdown syntax while composing a post

References:

https://daringfireball.net/2004/03/dive_into_markdown	29.05.18 20:09:52
http://www.aaronsw.com/weblog/001189	29.05.18 20:12:32
https://en.wikipedia.org/wiki/Aaron_Swartz	29.05.18 20:13:44
http://www.dpa-newslab.com/2010/04/22/dpa-notizbuch-markdown/	29.05.18 20:16:15
https://help.github.com/articles/basic-writing-and-formatting-syntax/	29.05.18 20:20:03
https://www.reddit.com/r/reddit.com/comments/6ewgt/reddit_markdown_primer_or_how_do_you_do_all_that/	29.05.18 20:22:15
https://stackoverflow.com/editing-help	29.05.18 20:24:16

Markdown Syntax

# Heading level 1	Heading level 1
## Heading level 2	Heading level 2
### Heading level 3	Heading level 3
#### Heading level 4	Heading level 4
Heading level 1 =====	Heading level 1
Heading level 2 -----	Heading level 2

I really like using Markdown. I think I'll use it to format all of my documents from now on.	I really like using Markdown. I think I'll use it to format all of my documents from now on.
This is the first line. And this is the second line.	This is the first line. And this is the second line.
I just love bold text . I just love bold text .	I just love bold text . I just love bold text .
Italicized text is the <i>cat's meow</i> . Italicized text is the <i>cat's meow</i> . A <i>cat</i> meow	Italicized text is the <i>cat's meow</i> . Italicized text is the <i>cat's meow</i> . A <i>cat</i> meow

This text is ***really important***.	This text is <i>really important</i> .
This text is ___really important___.	This text is <i>really important</i> .
This text is __*really important*__.	This text is <i>really important</i> .
This text is **_really important_**.	This text is <i>really important</i> .

Ordered Lists

Markdown	Rendered Output
<pre>1. First item 2. Second item 3. Third item 4. Fourth item</pre>	<pre>1. First item 2. Second item 3. Third item 4. Fourth item</pre>
<pre>1. First item 2. Second item 3. Third item 1. Indented item 2. Indented item 4. Fourth item</pre>	<pre>1. First item 2. Second item 3. Third item 1.Indented item 2.Indented item 4. Fourth item</pre>

Unordered Lists

Markdown	Rendered Output
<pre>+ First item * Second item - Third item + Fourth item</pre>	<ul style="list-style-type: none">• First item• Second item• Third item• Fourth item
<pre>- First item - Second item - Third item - Indented item - Indented item - Fourth item</pre>	<ul style="list-style-type: none">• First item• Second item• Third item<ul style="list-style-type: none">◦ Indented item◦ Indented item• Fourth item

Links

My favorite search engine is [Google](https://www.google.com/).

My favorite search engine is [Google](#).

One example is the [Programming Historian][1] website.

[1]: <http://programminghistorian.org/> "The Programming Historian,,

One example is the [Programming Historian](#) website.

<<https://www.markdownguide.org>>

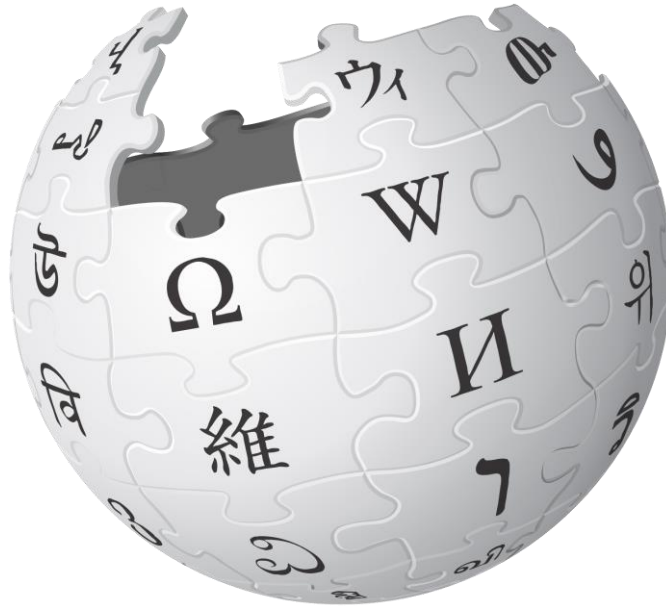
<fake@example.com>

<https://www.markdownguide.org>

fake@example.com

Images

`![Wikipedia logo](http://upload.wikimedia.org/wikipedia/en/8/80/Wikipedia-logo-v2.svg "Wikipedia logo")`



Tables

```
| Heading 1 | Heading 2 | Heading 3 |
| ----- | ----- | ----- |
| Row 1, column 1 | Row 1, column 2 | Row 1, column 3 |
| Row 2, column 1 | Row 2, column 2 | Row 2, column 3 |
| Row 3, column 1 | Row 3, column 2 | Row 3, column 3 |
```

Heading 1	Heading 2	Heading 3
Row 1, column 1	Row 1, column 2	Row 1, column 3
Row 2, column 1	Row 2, column 2	Row 2, column 3
Row 3, column 1	Row 3, column 2	Row 3, column 3