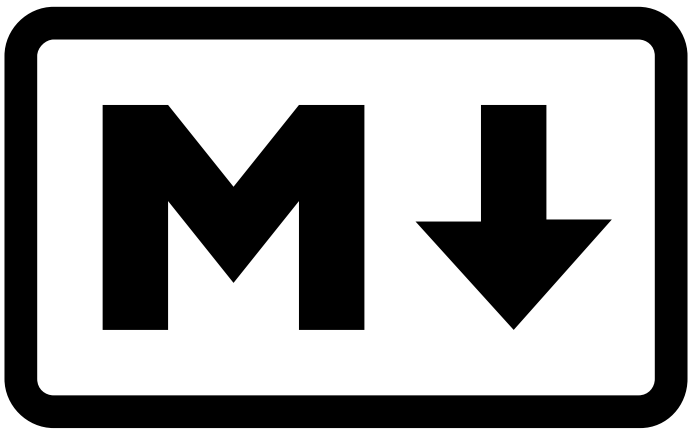# Markdown

Robert Alberto

Figure 1: md logo

An introduction to Markdown

# What is Markdown?

- Markdown is a markup language that let's you write plain text documents with a few lightweight annotations that specify how you want the document formatted.
- Created by John Gruber in 2004.
- Markdown is easy to read and write and it is content focus which means that the user does not need to worry about tags like in HTML.
- Markdown is future proof since it works with plain text instead of proprietary document formats.
- Multiple implementations of Markdown exists, these are examples:
  - CommonMark
  - Github Flavored - This is what we are using
  - MultiMarkdown

# What can you do with Markdown?

- Add formatting to plain text
- Convert plain text documents to HTML, PDF, Docx, and Ppx
- Used by other technologies like:
    - Github a Gitlab
    - HUGO and Jekyll static site generators
    - Notes taking apps, social media pages and communication platforms like Slack.
- Write industry standard documentation

# Headings

- Headings are used to guide readers through a document. In general, headings indicate what the following paragraph or section is about.
- To format any text as a heading in Markdown, start the line with a # symbol.
- Markdown support different levels of headings just like HTML or your typical document editor.
- Multiple # indicate a smaller heading. For example:

```
# This is a heading 1
## This is a heading 2
### This is a heading 3
#### This is a heading 4
```

# Working with paragraphs

- To write paragraphs you do not need to add nothing to the beginning of the line, simply, start typing.
- Bold Text
    - If you want to bold any word or sentence in a paragraph, start the word with two ** without any space between the * and the word and end the word in the same fashion. For example:
    - I **love** Linux.
    - Markdown is a **lightweight markup language** for creating formatted text using a **plain-text editor.**

- Italics Text
  - If you want to italicize a word or sentence, use a single * and end in the same fashion. For example:
  - `I *love* Linux.`
  - `Markdown is a *lightweight markup language* for creating formatted text using a **plain-text editor.*`
- Strike through
  - For strike through use double tilde ~~ character. For example:
    - `I ~~love~~ Linux.`
    - `Markdown is a ~~lightweight markup language~~ for creating formatted text using a ~~plain-text editor.~~`

  ***IMPORTANT:** Markdown does not support underline because by default underline signifies a link (URL).*