

# Writing Markdown in L<sup>A</sup>T<sub>E</sub>X documents

Including an external `.md` file, distributed with the `markdown` package:  
(Markdown example text adapted from <http://www.unexpected-vortices.com/sw/rippledoc/quick-markdown-example.html>)

## 1 An h1 header

Paragraphs are separated by a blank line.

2nd paragraph. *Italic*, **bold**, and `monospace`. Itemized lists look like:

- this one
- that one
- the other one

Block quotes are written like so.

They can span multiple paragraphs, if you like.

Use 3 dashes for an em-dash. Use 2 dashes for ranges (ex., "it's all in chapters 12–14"). Three dots `...` will be converted to an ellipsis (only if you enable the `smartEllipses` option).

### 1.1 An h2 header

Here's a numbered list (use `hashEnumerators` option if you want to use hashes):

1. first item
2. second item
3. third item

Here's a code sample:

```
# Let me re-iterate ...  
for i in 1 .. 10 { do-something(i) }
```

As you probably guessed, indented 4 spaces.

Or use fenced code (with `markdown v2.4`):

```
# Let me re-iterate ...  
for i in 1 .. 10 { do-something(i) }
```

### 1.1.1 An h3 header

Now a nested list:

1. First, get these ingredients:
  - carrots
  - celery
  - lentils
2. Boil some water.
3. Dump everything in the pot and follow this algorithm:

```
find wooden spoon
uncover pot
stir
cover pot
balance wooden spoon precariously on pot handle
wait 10 minutes
goto first step (or shut off burner when done)
```

Do not bump wooden spoon or it will fall.

Here's a link to a website<sup>1</sup>. And now<sup>2</sup> you can also use inlined footnotes with `inlineFootnotes`.

A horizontal rule follows.

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Here's a definition list (with `definitionLists` option):

**apples** Good for making applesauce.

**oranges** Citrus!

**tomatoes** There's no "e" in tomatoe.

and images can be specified like so, and cross-referencing works if you add a `fig:` to the label: **Figure 1**

If you enable the `hybrid` option, You can mix  $\LaTeX$  code in Markdown! Inline math equations go in like so:  $\omega = d\phi/dt$ . `Displaymath` too:

$$I = \int \rho R^2 dV \tag{1}$$

And note that you can backslash-escape any punctuation characters which you wish to be displayed literally, ex.: 'foo', \*bar\*, etc.

Citations are now supported with `markdown v2.4`; but beware of underscores in BibTeX keys (best avoided)! When they work, they look like [1] or see [2, p.35]. (Best used with `natbib` or there may be a trailing comma with single citations.)

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<sup>1</sup>`<http://foo.bar>`

<sup>2</sup>with `markdown v2.4`

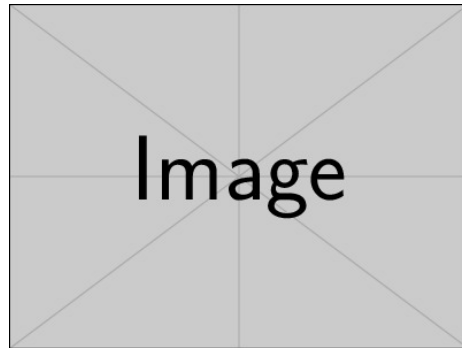


Figure 1: An exemplary image

## References

- [1] James Smith. Article title. 14(6):1–8, March 2013.
- [2] John Smith. *Book title*, volume 3 of 2. Publisher, City, 1 edition, January 2012.