

# Markdown Quick Reference

Markdown is an easy-to-write plain text format for creating web content. See [Using Markdown with RStudio](#) to learn more.

## Emphasis

```
*italic*   **bold**
```

```
_italic_   __bold__
```

## Headers

```
Header 1
=====
```

```
Header 2
-----
```

```
### Header 3
```

```
#### Header 4
```

## Lists

### Unordered List

```
* Item 1
* Item 2
  * Item 2a
  * Item 2b
```

### Ordered List

```
1. Item 1
2. Item 2
3. Item 3
  * Item 3a
  * Item 3b
```

## Manual Line Breaks

End a line with two or more spaces:

```
Roses are red,
Violets are blue.
```

## Links

Use a plain http address or add a link to a phrase:

```
http://example.com
```

```
[linked phrase](http://example.com)
```

## Images

Images on the web or local files in the same directory:

```
![alt text](http://example.com/logo.png)
```

```
![alt text](figures/img.png)
```

## Blockquotes

```
A friend once said:
```

```
> It's always better to give
> than to receive.
```

## R Code Blocks

R code will be evaluated and printed

```
```{r}
summary(cars$dist)
summary(cars$speed)
```
```

## Inline R Code

```
There were `r nrow(cars)` cars studied
```

## Plain Code Blocks

Plain code blocks are displayed in a fixed-width font but not evaluated

```
```
This text is displayed verbatim / preformatted
```
```

## Inline Code

```
We defined the `add` function to
compute the sum of two numbers.
```

## LaTeX Equations

See also: [Using Equations with Markdown](#)

### Inline Equation

```
 $equation$ 
```

```
 $equation$ 
```

```
\( equation \)
```

### Display Equation

```

$$equation$$

```

```

$$equation$$

```

```
\[ equation \]
```

## Horizontal Rule / Page Break

Three or more asterisks or dashes:

```
*****
-----
```

## Tables

```
First Header	Second Header
Content Cell | Content Cell
Content Cell | Content Cell
```

## Reference Style Links and Images

### Links

```
A [linked phrase][id].
```

At the bottom of the document:

```
[id]: http://example.com/ "Title"
```

### Images

```
![alt text][id]
```

At the bottom of the document:

```
[id]: figures/img.png "Title"
```

## Miscellaneous

```
superscript^2
```

```
~~strikethrough~~
```

## Typographic Entities

ASCII characters are transformed into typographic HTML entities:

- Straight quotes ( " and ' ) into “curly” quotes
- Backtick quotes ( `like this` ) into “curly” quotes
- Dashes (“--” and “---”) into en- and em-dash entities
- Three consecutive dots (“...”) into an ellipsis entity
- Fractions 1/4, 1/2, and 3/4 into ¼, ½, and ¾.
- Symbols (c), (tm), and (r) into ©, ™, and ®