

Beamer Formatting Showcase

Pandoc Markdown demo

Your Name

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Section 1

Overview

Outline

This slide shows an automatically generated table of contents.

- 1 Overview
- 2 Basic text
- 3 Lists
- 4 Math and code
- 5 Layout
- 6 Tables and footnotes
- 7 Advanced frame attributes
- 8 Speaker notes
- 9 The End

Section 2

Basic text

You can also get SMALL CAPS via LaTeX.

Inline code like `x <- 1` and escaped characters: `#`, `_`, `%`.

A forced line break here\ and some more text on the next line.

Paragraphs and inline emphasis

This is a normal paragraph. You can combine **bold** and *italic*, and even ***both at once***.

You can also use `\emph{LaTeX emphasis}` directly if you prefer.

Blocks inside a frame

Headings *below* the slide level (here: level 3) become Beamer blocks.

Regular block

This is a regular block created from a level-3 heading.

Example block

This becomes an `exampleblock` in Beamer, useful for examples.

Alert block

This becomes an `alertblock` in Beamer, useful for warnings or key points.

Section 3

Lists

Bullet and numbered lists

A simple bullet list:

- First bullet item
- Second bullet item
 - Nested bullet item
 - Another nested item
- Third bullet item

A numbered list:

- 1 First step
- 2 Second step
- 3 Third step

Incremental list (per-slide)

Wrap a list in an `incremental` div to show items one by one, even if you do *not* use the `-i` option:

- First point appears

A non-incremental list inside the same document:

- All items appear at once
- Regardless of the `-i` option

Incremental list (per-slide)

Wrap a list in an `incremental` div to show items one by one, even if you do *not* use the `-i` option:

- First point appears
- Then the second point

A non-incremental list inside the same document:

- All items appear at once
- Regardless of the `-i` option

Incremental list (per-slide)

Wrap a list in an `incremental` div to show items one by one, even if you do *not* use the `-i` option:

- First point appears
- Then the second point
- Then the third point

A non-incremental list inside the same document:

- All items appear at once
- Regardless of the `-i` option

Section 4

Math and code

Inline and display math

Inline math like $E = mc^2$ fits into text.

Display math:

Code (fragile frame)

This frame is marked as , which is recommended when using verbatim content.

Here is an indented code block:

```
#include <stdio.h>

int main(void) {
    printf("Hello, Beamer + Pandoc!\n");
    return 0;
}
```

And another one:

```
for i in range(5):
    print("Item", i)
```

Section 5

Layout

Columns with text

Below, we use Pandoc's column layout. In Beamer, this becomes a `columns` environment.

Left column

- Short bullet
- Another bullet
- A bit of text to pad it out

You can mix **bold**, *italic*, and math
 $a^2 + b^2 = c^2$ here.

Right column

- This column is slightly wider
- You can add lists, text, or even images
- Columns are very useful for comparisons side by side

Image and caption

A simple figure using an example image from the `mwe` package (loaded via `\usepackage{mwe}`):

An example image from the `mwe` package

Figure 1: An example image from the `mwe` package

If your TeX installation does not have the `mwe` package (and thus no `example-image`), replace `example-image` with the path to one of your own images.

Section 6

Tables and footnotes

Simple table

A basic pipe table:

Item	Description	Value
Apples	Number of apples	5
Oranges	Number of oranges	3
Bananas	Number of bananas	7

You can add footnotes like this:

This sentence has a footnote marker.¹

¹This is the content of the footnote. In Beamer, it appears at the bottom of the slide.

Section 7

Advanced frame attributes

Standout frame

This frame uses the `.standout` class, which Beamer styles as a special “highlight” slide (depending on your theme).

Use this kind of frame for big “Key takeaway” messages or section breaks.

Long content with frame breaks

This frame has the `.allowframebreaks` class, which allows Beamer to split it into multiple slides if the content becomes too long.

- Item 1
- Item 2
- Item 3
- Item 4
- Item 5
- Item 6
- Item 7
- Item 8
- Item 9
- Item 10
- Item 11
- Item 12

(Depending on your theme and font size, this may or may not actually force a split, but the

Section 8

Speaker notes

This slide shows how to attach speaker notes that appear only in presenter mode (Beamer notes / handouts).

Here is the content the audience sees:

- Visible bullet 1
- Visible bullet 2

Section 9

The End

Thank you!

- Questions?
- Comments?
- Feedback?

You have now seen examples of:

- Text formatting and blocks
- Lists (including incremental lists)
- Math (inline and display)
- Code in a fragile frame
- Columns
- Images and captions
- Tables and footnotes
- Frame attributes (`.fragile`, `.standout`, `.allowframebreaks`)
- Speaker notes