

L^AT_EX Workshop: Beamer

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What is Beamer?

Beamer is a system for making slideshows with \LaTeX .

All of the benefits of \LaTeX (and much of the syntax) generally apply to Beamer, with huge exception.

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Beamer is uuuuugly.

What is different about Beamer?

Document class: `\documentclass{beamer}`

Set theme and color theme (explore [here](#)):

```
\usetheme{Dresden}  
\usecolortheme{beaver}
```

The frame environment

only `<a-b>` syntax

Frames \neq Slides

Put your content into the `frame` environment. Can give a frame a title using `\frametitle{}`

Frame is divided into numbered *slides*. You can set content to appear at certain slide numbers

Slides within frames

This appears on the every slide.

Slides within frames

This appears on the every slide.

This appears slides two and onward

Slides within frames

This appears on the every slide.

This appears slides two and onward

This appears only on slide 3, then disappears afterward

Slides within frames

This appears on the every slide.

This appears slides two and onward

Slide 4 and beyond

Slides within frames

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See how this works by consulting the source code!

Slides within frames

This appears on the every slide.

```
\only<2->{This appears slides two and onward}
```

```
\only<3>{This appears only on slide 3,  
        then disappears afterward}
```

```
\only<4->{Slide 4 and beyond}
```

```
\only<5->{\textbf{See how this works  
          by consulting the source code!}}
```

Things to consider

Sizing text, tables, figures (advice: no regression tables)

Many preamble items work differently, or not at all

Keep another “template” document

RMarkdown is a “Beamer killer”