Introduction to the AUTtheme for R Markdown with Beamer
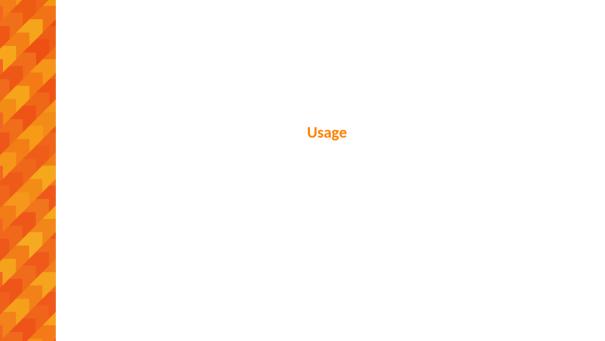
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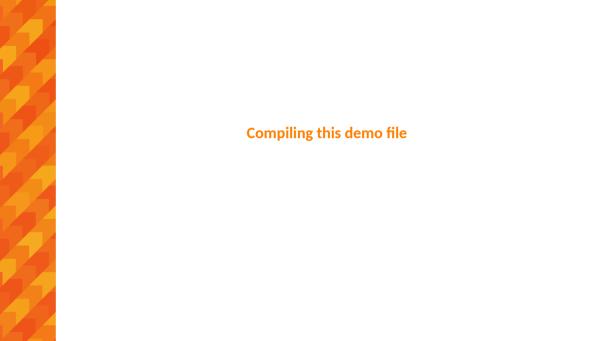
Usage

How to load this package

Load this package from github using the `remotes` package

In R Studio

- File/New File/R Markdown/From Template
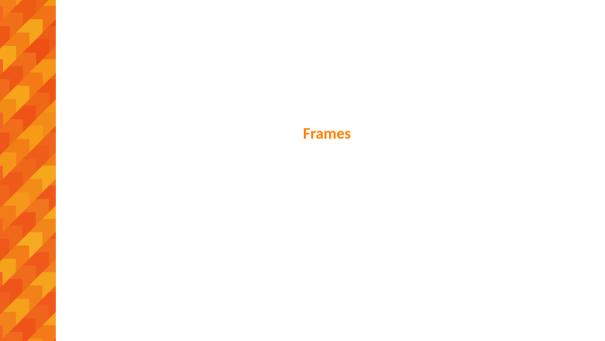- Select AUTBeamer

This will create a new directory containing the required files to run the template

- bgImages (folder containing images)
- AUTtheme.sty
- header.tex
- untitled.Rmd

Compiling this demo file

Compiling this demo file

To compile this demo file, this file needs to be located in the same directory as the `bgImages` folder and the `AUTtheme.sty` file. These files are not provided in the demo folder to avoid duplication.

Frames

Frame Sizes

The template can be used to create 16×9 or 4×3 slides by modifying the YAML header.

The resolution of the background images get updated automatically.

- To create 16×9 slides use `classoption: "aspectratio=169"`
- To create 4×3 slides use `classoption: "aspectratio=43"`

Customisation

The file `header.tex` contains the LaTeX commands used at the start of the document.

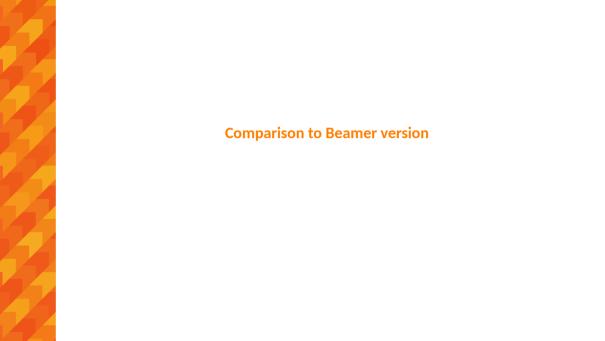To use the AUTtheme package, `header.tex` needs to contain, a command like:

- `\usepackage{AUTtheme}` or
- `\usepackage[dct]{AUTtheme}`

The `header.tex` file can also be used to load other packages or customise the Beamer package in other ways, e.g.
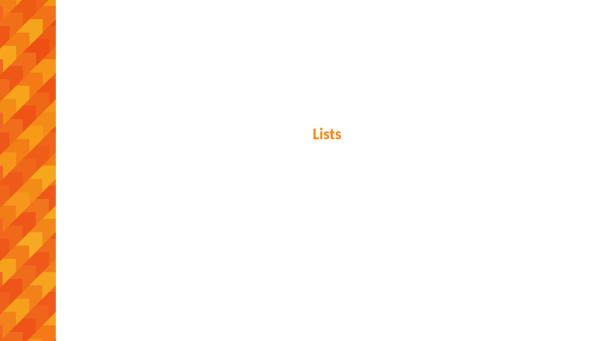
`\AtBeginSection{}`

or

`usepackage{lipsum}`

Compiling with AUTTheme

`lualatex` is recommended.

Comparison to Beamer version

Comparison to Beamer version

The Rmd version of this template does not yet have all the functionality of the beamer version, e.g. customised frame environments such as sectionpages.

Lists

Unordered list

- Bullet 1
  - sub Bullet
    - sub of sub Bullet
  - sub Bullet
- Bullet 2
- Bullet 3

Ordered list

1. Item 1
   - Item 1a
   - Item 1b
2. Item 2
3. Item 3
   - Item 3a
   - Item 3b

List with steps showing

1. Item 1

List with steps showing

1. Item 1
2. Item 2

List with steps showing

1. Item 1
2. Item 2
3. Item 3