Beamer template

Using pandoc, knitr, Weave, etc...

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MAIN GOALS

1. Easy generation of slides
2. Integration with R and Julia
3. Looks nice

The document uses the Input family:

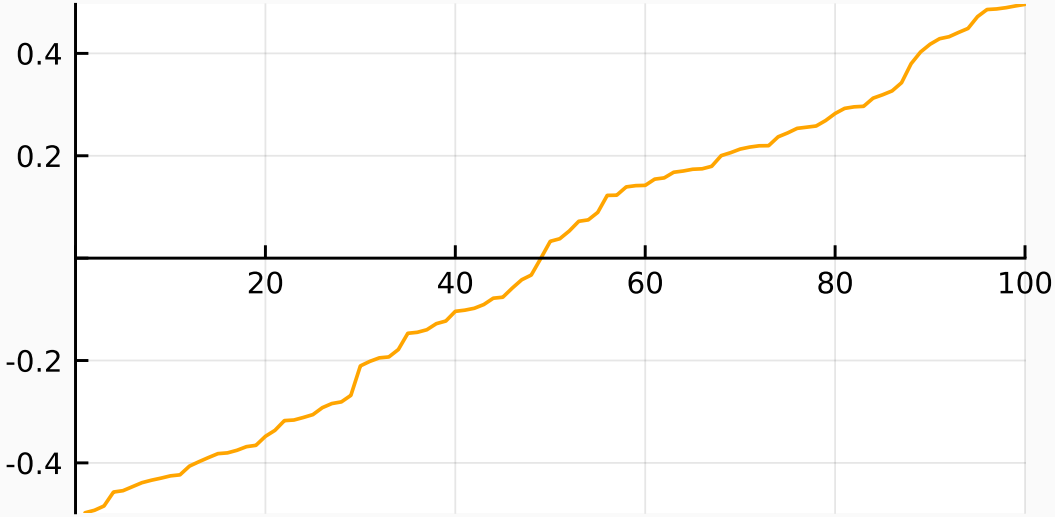
Main body Input Sans Condensed
Maths Input Sans Narrow
Code Input Mono Compressed

The linespread value has been increased to about 1.3

The structure elements are in teal, inline code is in blue, and alerted text in orange.

The background is off-white: it will *look* like it's white, but with less eyestrain.

The foreground is not-quite-black either.


0.4
0.2
-0.2
-0.4
20
40
60
80
100

The Input family of fonts has some support for Greek and mathematical symbols:

$$\frac{1}{N}\frac{\mathrm{d}}{\mathrm{d}t}N = N\left(r - \alpha N\right)$$

You can use `\alert` within math blocks.

PART 1

Using sections

Every section will have a small band with the background image.

They are first-level headers in markdown:

```
# Section

## Slide-title

Slide content
```

OTHER THINGS

We can use unicode characters in code:

```
α = 2.0
b, c = "abc", 'c'
# This code does nothing (useful)
for i in 1:10
  @elapsed println("i:\t$i")
end
```

This is useful as Julia supports it. There is also a customized color scheme for code highlighting.

VISUAL COUNTER

The circle next to the title of each slide moves forward at every slide (including the section changes).

It is a useful visual key for how much slides are left.

OUTPUT

Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Morbi sollicitudin nisi vitae lorem interdum, eget elementum quam elementum. Curabitur quis leo eu metus consequat ultricies. Curabitur sit amet convallis risus. Cras vel arcu id risus efficitur commodo et eget velit. Curabitur consequat eleifend magna, ut ultricies lorem scelerisque eu. Mauris faucibus neque sit amet est elementum, suscipit placerat est interdum. Phasellus sed convallis est. Nunc fermentum convallis odio eget gravida. Duis venenatis dictum tempor.

BACKGROUND IMAGE

The background image is generated from the makebackground.jl file.

The file is background.png — it can be replaced by any file as long as the replacement file is in the 16:10 format (for example, a 1600 × 1000 image).

FINAL SLIDE

The final slide is blank.

This is to avoid the awkward “Switching to black” thing that happens when there are no slides left.

PART 2

Reproducible documents

IT'S IN THE MAKEFILE

Documents slides.Jmd and slides.Rmd will be detected.

They will be converted to slides.md using either R/knitr or Julia/Weave.jl.