



Orgmode & Beamer

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Outline

- 1 Introduction from files
- 2 Why?
- 3 Just do it!



Downloads

```
$ git clone https://github.com/davidam/davidam.github.io
```



A beamer file is a latex file

```
$ cd ~/git/davidam.github.io/presentations  
$ more beamer.tex
```



An orgmode file can be a beamer file with wiki
syntax

```
$ cd ~/git/davidam.github.io/presentations  
$ more beamer.org
```



Orgmode is for ...

- ▶ TODO management in text mode
- ▶ Articles (reproducible research, latex capabilities, nice navigation, ...)
- ▶ Spreadsheet
- ▶ Presentation (beamer)
- ▶ Web Deployment
- ▶ Powerful hiperlinks (RMAIL, BBDB, IRC, ...)
- ▶ In general, easy to extend
- ▶ Ready to use in emacs, vim, github, ...



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Why is a good idea make slides with latex or wiki syntax?

- ▶ ☒ Version Control
- ▶ ☐ I'm using ssh
- ▶ ☐ Divide visualization and structure is for winners!
- ▶ ☒ Good support for equations



What advantages is adding emacs orgmode to latex beamer

- ▶ ☒ Good navigation
- ▶ ☒ Reproducible research



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I want export my beamer.org

From GNU/Emacs to pdf

```
M-x org-beamer-export-to-pdf
```

From shell to html

```
$ latex2html beamer.tex
```



Themes by example

Take a look to the matrix between beamer color theme and beamer theme. Some examples

- ▶ ☐ Madrid
- ▶ ☒ beamerthemeKansaiDebianMeeting
- ▶ ☒ latex-beamerposter



Give me a reproducible calculus

The source is:

$(+ \ 2 \ 2)$

The result is:

4



Give me documentation

- ▶ <https://orgmode.org/worg/exporters/beamer/tutorial.html>
- ▶ <https://orgmode.org/manual/Beamer-export.html>