

The notebeamer Package ^{*}

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1 Introduction

The notebeamer package provides an easy way to input slides on notepages quickly for making annotations, based on `expl3` and `tikz`. It is compatible with TeX Live 2019 or later distributions, they all work fine for pdfLaTeX and XeLaTeX compilers. This is the English manual for the notebeamer package.

2 Loading notebeamer and input

Just like loading any class, write

```
\usepackage{notebeamer}
```

```
\includebeamer [keyvals] {filename} [keyvals]
```

The `\includebeamer` command can create pages with note lines, and import the specific pages of the `.pdf` file on the left side of the note pages. The optional argument accepts the following keys: `\color`, `\ratio`, `\sep`, `\nup`, `\pages`, `\left`, `\right`, and the mandatory argument can set the `.pdf` file that you want to insert.

- The key `\color` can set the color of the note lines, its default value is `black`.
- The key `\ratio` can set the ratio of the widths of imported beamer frames and empty area, its default value is `0`.
- The key `\sep` can set the vertical space between beamer frames, its default value is `2ex`.
- The key `\nup` can set the number of beamer frames on every physical page, its default value is `3`.
- The key `\pages` can select pages to insert. The argument is a comma separated list, containing page numbers, ranges of page numbers or any combination. Its default value is `1`.
- The keys `\left` and `\right` can set the left header and right header of the note pages.

3 Working Examples

For 4 logical pages per physical page and 3 logical pages per physical page

^{*}<https://github.com/xiamyphys/notebeamer>

```

\documentclass[svgnames]{article}

\usepackage{geometry,notebeamer}
\geometry{margin = .75in}

\begin{document}

\includebeamer
[ color = MidnightBlue, ratio = .54, lines = 32, nup = 4,
pages = {2 - 4, 6 - 8}, lefthead = Chapter 1, righthead = Page~\thepage
] { example-image-duck.pdf }

\includebeamer
[ color = MidnightBlue, ratio = .32, lines = 32, nup = 3,
pages = -, lefthead = Chapter 2, righthead = Page~\thepage
] { example-image-a4-numbered.pdf }

\end{document}

```

For one logical page per page, landscape is recommended:

```

\documentclass[svgnames,landscape]{article}

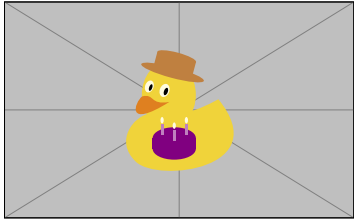
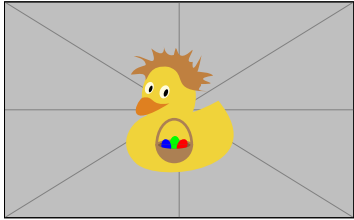
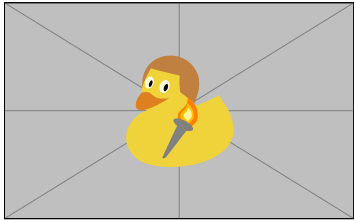
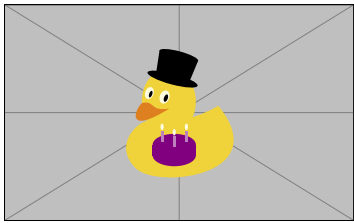
\usepackage{geometry,notebeamer}
\geometry{margin = .75in}

\begin{document}

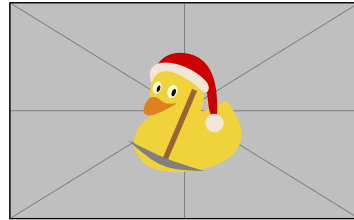
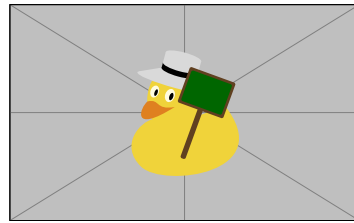
\includebeamer
[ color = MidnightBlue, ratio = .57, sep = 4ex, nup = 1,
pages = -, lefthead = Chapter 3, righthead = Page~\thepage
] { example-image-letter.pdf }

\end{document}

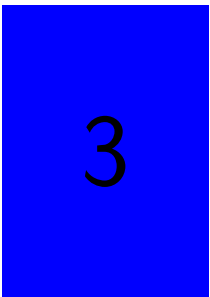
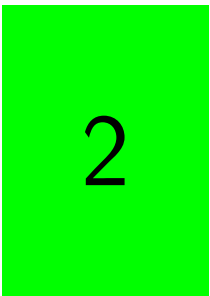
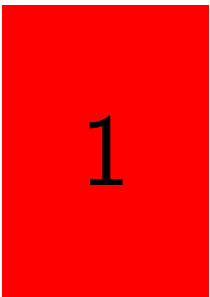
```



Lined writing area for Chapter 1, Page 1.



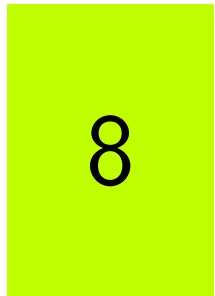
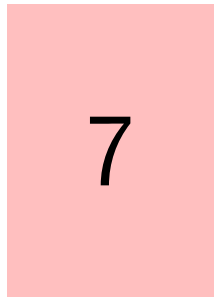
Lined writing area for Chapter 1, Page 2.



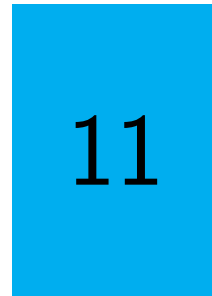
Lined writing area for Chapter 2, Page 3.



Lined writing area for Chapter 2, Page 4.



Lined writing area for Chapter 2, Page 5.



Lined writing area for Chapter 2, Page 6.

Text area for Chapter 3, Page 1, containing a block of Latin text.