

# The notebeamer Package\*

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Released 2025-07-17 v4.3A

## 1 Introduction

The notebeamer package provides an easy way to print slides on note pages quickly, developed by expl3 based on tikz. It supports various compilation methods, such as pdf $\LaTeX$ , Xe $\LaTeX$ , Ap $\LaTeX$ , Lua $\LaTeX$ , etc.

## 2 Usage

To load this package, write the line

```
\usepackage{notebeamer}
```

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

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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 mandatory argument can set the .pdf file that will be inserted. The optional argument accepts the following keys

**color** =  $\langle str \rangle$  can set the note lines' color (Default: black), this key's name could be omitted.

**ratio** =  $\langle fp num \rangle$  can set imported slides' ratio and empty area's width (Default: 0.5).

**sep** =  $\langle dim \rangle$  can set the vertical space between slides (Default: 2ex).

**nup** =  $\langle int \rangle$  can set the number of slides on every page (Default: 3).

**pages** =  $\langle comma-separated list \rangle$  can select pages to insert. The list could contain ranges of page numbers. (Default: 1).

**lhead**, **rhead** =  $\langle str \rangle$  can set the left / right header of the pages.

Additionally, `\newgeometry` could be used for assistance. Such as

```
\newgeometry{margin = .75in}
\includebeamer
[ nup = 4, pages = {2-4, 6}, lines = 32, ratio = .28,
  Navy, lhead = Chapter 1, rhead = Page~\thepage
] { example-image-a4-numbered.pdf }
```

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\*<https://github.com/myhsia/notebeamer>, <https://ctan.org/pkg/notebeamer>

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