

The notebeamer Package*

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Released 2025-07-21 v4.4A

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}
```

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

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

ratio = *<fp num>* can set imported slides' ratio and empty area's width (Default: 0.5).

sep = *<dim>* can set the vertical space between slides (Default: 2ex).

nup = *<int>* can set the number of slides on every page (Default: 3).

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

lines = *<int>* can set the number of lines on every page.

lineno = *<true | false>* can set whether to show the line numbers (Default: false).

lhead, rhead = *<str>* can set the left / right header of the pages.

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

3 Working Example

Macros like `\newgeometry`, and `\pagecolor`, etc., could be used for assistance.

```
\documentclass[a4paper]{article}

\usepackage{libertine, geometry, notebeamer}

\begin{document}

\newgeometry{margin = .75in}
\pagecolor{black!80}
\includebeamer
[ nup = 4, pages = {2-4, 8-10}, lines = 32, ratio = .28,
  white!80, lhead = Chapter 1, lineno, rhead = Page~\thepage
] { example-image-a4-numbered.pdf }

\pagecolor{white}
\includebeamer
[ nup = 5, pages = 1-5, lines = 32, ratio = .48,
  lhead = Chapter 1, lineno, rhead = Page~\thepage
] { example-image-duck.pdf }

\includebeamer
[ nup = 2, pages = -, lines = 32, ratio = .54,
  lhead = Chapter 1, lineno, rhead = Page~\thepage
] { example-image-a4.pdf }

\end{document}
```

The effect of the above example is exhibited on the next page.

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[illegible]

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The italic numbers denote the pages where the corresponding entry is described, numbers underlined point to the definition, all others indicate the places where it is used.

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<code>\includebeamer</code> <i>1</i>