

# The notebeamer Package\*

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## 1 Introduction

The notebeamer package provides an easy way to input slides on note pages quickly, developed by expl3 based on tikz. It supports various compilation methods, such as pdfL<sup>A</sup>T<sub>E</sub>X, XeL<sup>A</sup>T<sub>E</sub>X, ApL<sup>A</sup>T<sub>E</sub>X, LuaL<sup>A</sup>T<sub>E</sub>X, etc.

## 2 Usage

To load this package, write the line

```
\usepackage{notebeamer}
```

---

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

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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** = `⟨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).

**lhead, rhead** = `⟨str⟩` 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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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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