

# Introduction

## Description

At some point during my L<sup>A</sup>T<sub>E</sub>X writing life, I decided to put together a portfolio of cool tricks and tips, which I had used in the past or wanted to apply in the future. Something like an index or a portfolio.

I wanted that document to consist of multiple small parts, one for each tip, and each part should contain both example code and the compiled example. A great deal of searching was done to find a technical solution which would allow for a document which would allow for:

1. indexable, possible multi-page examples
2. examples to be compiled in isolation, free of package conflicts which would surely emerge in such a document
3. a modular structure, with each example be a short .tex file which would be included to the collection

I did [a related question](#) a while back on TeX-StackExchange, but there was no good answer.

Finally, I managed to get a satisfactory result with the `pdfpages` package. I put together a template document to be used for each example, compile it and then include the output .pdf to the collection document.

The code of the top-level document can be seen below.

Enjoy!

## Used Packages

`pdfpages`

## Code

```
\documentclass[onepage]{book}

\usepackage{pdfpages}

\begin{document}

\tableofcontents

\chapter{Preliminaries}
\includepdf[pages=-, fitpaper=false, addtotoc={1,section,1,Template,sec:template}]{tricks/
  introduction/introduction.pdf}

<other-includes>

\end{document}
```

Check on the next section for the template code of each section.