

# The flippdf package\*

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## Abstract

The `pdfflip` package extends `pdfLATEX` making it possible to typeset a “mirrored” version of the document. This is sometimes required by publishers who want “camera-ready” documents to be printable on transparent films, so that one reads the pages correctly by looking *through* the film (i.e., with the *unprinted* side of the film towards his eyes). This package requires `everypage` by the same author and works with `pdfLATEX` only.

## 1 Introduction

This `LATEX` package makes it possible to typeset a document horizontally flipping its pages. This is sometimes required by publishers who want “camera-ready” documents to be printable on transparent films, so that one reads the pages correctly by looking *through* the film (i.e., with the *unprinted* side of the film towards his eyes).

It is also possible to activate the mirroring capability on a page by page basis.

This package requires `everypage` by the same author and works with `pdfLATEX` only.

## 2 User interface

By default, once loaded as:

```
\usepackage{pdfflip}
```

the `pdfflip` becomes immediately *active* (i.e., starts flipping horizontally every page). Conversely, by selecting the `off` option as in

```
\usepackage[off]{pdfflip}
```

The package is loaded but remains inactive.

`\FlipPDF`  
`\UnFlipPDF`

The `\FlipPDF` command lets one switch on page flipping. Conversely, `\UnFlipPDF` switches off page flipping.

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\*This file (`flippdf.dtx`) has version number 1.0, last revised 2006/06/30.

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### 3 Implementation

Announce the name and version of the package, which requires L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub> (actually pdfLaTeX).

```
1 \NeedsTeXFormat{LaTeX2e}
2 \ProvidesPackage{flippdf}%
3 [2006/06/30 1.0 Horizontal flipping of pages with pdfLaTeX]
   Reminds the dependence on everypage.
4 \RequirePackage{everypage}
```

`\if@sc@flippdf` Defines a boolean variable to remember if pages are to be flipped or not.

```
5 \newif\if@sc@flippdf
```

`\FlipPDF` Define the commands used to switch on and off the horizontal flipping of the document pages.  
`\UnFlipPDF`

```
6 \newcommand\FlipPDF{\@sc@flippdftrue}
7 \newcommand\UnFlipPDF{\@sc@flippdffalse}
```

By default activate the flipping:

```
8 \FlipPDF
```

Set up the processing of options:

```
9 \DeclareOption{off}{\UnFlipPDF}
10 \ProcessOptions
```

And eventually, tell L<sup>A</sup>T<sub>E</sub>X to flip every page, by using the **everypage** hook:

```
11 \AddEverypageHook{%
12   \if@sc@flippdf
13   \pdfliteral direct {-1 0 0 1 \strip@pt\paperwidth\space 0 cm}
14   \fi}
15 \endinput
```

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Numbers written in *italic* refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; numbers in **roman** refer to the code lines where the entry is used.

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