

# Printing Foils with L<sup>A</sup>T<sub>E</sub>X

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## 1 Purpose

By using `pdfpages` it is possible to print foils 1, 2 or 4 to a page. The foils are produced as a PDF document. A printer file, similar to the one below is then processed to produce a PDF document containing the foils in a printable form.

## 2 Prerequisites

It is necessary to have

- `pdfpages.sty`,
- `everyshi.sty`, `eso-pic.sty`

- version 0.14 of pdfTeX or later.

Update L<sup>A</sup>T<sub>E</sub>X packages as described in

```
facshare/doc/sysadmin
```

### 3 Processing Directions

Produce the foils in the usual way. Using Acrobat Reader, determine the pages that are to be printed. Place this information in another L<sup>A</sup>T<sub>E</sub>X file. (An example of such a file is given below.) Once the file `pageprinter.tex` has been edited, process it with

```
pdflatex pageprinter
acroread pageprinter.pdf
```

Print the result from `acroread`.

To have pull-down menu choices for the various packages for foils, web-pages, and PDF documents, you might add the following lines to `~/elisp/tex-site.el`

```
(list "Dvi2Pdf" "dvi2pdf %s" 'TeX-run-shell nil t)
(list "LaTeX4ht Interactive" "ht latex %s" 'TeX-run-interactive nil t)
(list "PdfLaTeX Interactive" "pdflatex %s" 'TeX-run-interactive nil t)
(list "PP4" "pp4 %s.pdf" 'TeX-run-shell nil t)
(list "Acrobat Reader" "acroread %s.pdf" 'TeX-run-interactive nil t)
;; Not part of standard TeX.
```

For additional information see [Matthias](#).

### 4 pageprinter file

The following is a version of the file `pageprinter` to be edited

```
\documentclass[letter]{report}
% Printing file for slides.
% Process this file with pdflatex, view with acroread and print from
```

```

% there
\usepackage{graphicx}
\usepackage{color}
\usepackage{pdfpages}
\pagestyle{empty}

%Many options are available.
% nup 1, 2 or 4.
% landscape can be true or false (true is better of nup=4)
% frame is either true or false.
\includepdfset{nup=4,landscape=true, frame = false,
  offset=.25cm 0cm,deltax=.25cm,deltay=.5cm}

\begin{document}
% A list of pages must be included, however if, for example, you
% want pages 2 through 7, use pages={2-7}.
% empty braces {} will put in a blank page. The order of the pages
% a,b,c,d is a b
% c d
%
% In the following example, pages from the file testfile.pdf
% are to be printed.

\includepdf[pages={3, 11, {}}, scale=.9]{testfile}

\end{document}

```

## 5 Bibliography

1. Andreas Matthias, The pdfpages Package, (produced by L<sup>A</sup>T<sub>E</sub>X from pdfpages.dtx)