

pdfdoc.tex  
A sample PDF file

```
\documentclass[12pt]{article}
\usepackage{color}
\usepackage{verbatim}
\usepackage[ps2pdf,
             bookmarks=true,
             bookmarksnumbered=false, % true means numbered bookmarks
                                     % appear in the left window
             bookmarksopen=false,    % true means bookmarks within a
                                     % section are open by default
             colorlinks=true,
             linkcolor=webred]{hyperref}

% Define colors on the rgb scale
% The first parameter is the name
\definecolor{webgreen}{rgb}{0, 0.5, 0} % less intense green
\definecolor{webblue}{rgb}{0, 0, 0.5}  % less intense blue
\definecolor{webred}{rgb}{0.5, 0, 0}    % red

\title{Making a PDF document}
\author{Duke McHenry}
\begin{document}

\maketitle

\pdfbookmark{Table of Contents}{tableofcontents}

\section{Preface}

By using this document, you agree to the following terms:
This document will be displayed in a window titled "PDF Document".
Clicking on a link will take you to the corresponding section.
The text displayed in the left window will be the text to be
```

`\section{Prerequisites}`

It is necessary to have version 6.7 or later of `\verb!hyperref.sty!`.

A tarred version of the necessary files can be obtained from

`\begin{quote}`

`\begin{verbatim}`

`facshare/local-installations/latex-packages.`

`\end{verbatim}`

`\end{quote}`

To install this,

copy it to a temporary subdirectory, change to root, and issue the command

`\begin{quote}`

`make install`

`\end{quote}`

This does the usual of creating a subdirectory and copying the appropriate files into it. Running `\verb!texconfig!` and rehashing should complete in installation.

`\section{Processing Directions}`

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`lvi2pdf!`. The  
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`latex pdfdc`  
`latex pdfdc`  
`dvi2pdf pdf`  
`acroread pc`  
`\end{verbat`  
`\end{quote}`

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`\begin{quot`  
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ges for  
e following lines to `{\tt`

```

(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.
\end{verbatim}
\end{quote}

```

```
\section{Preamble}
```

The portion of the preamble of this document that refers to hyperref is

```

\begin{quote}
\begin{verbatim}
\usepackage[ps2pdf,
             bookmarks=true,
             bookmarksnumbered=false, % true means bookmarks in
                                     % left window are numbered
                                     % only level 1
                                     % i.

```

```

\definecolor{green}{rgb}{0,0.6,0}
\definecolor{blue}{rgb}{0,0,1}
\definecolor{red}{rgb}{1,0,0}
\end{verbatim}
\end{quote}

```

Some of the hyperlinks in the documentation by Leslie Lamport are defined by the commands \hyperlink{Oberdeik}, \hyperlink{Lamport}, etc.

```
\section{Local
```

```
\subsection
```

To insert a figure, it is necessary to define, in the preamble, if desired, the figure environment with the commands

```

\begin{quote}
\begin{verbatim}
\title{Making clickable PDF documents with \LaTeX\}
\author{Duane Broline and Bill Slough}
\end{verbatim}
\end{quote}

```

Then, immediately after the `\verb!\begin{document}!`, the command `\verb!\maketitle!` is included to output the information.

```

\subsection{Table of Contents}

```

The preamble given above causes a listing of the bookmarks, section, subsection, and subsubsection titles to appear in the left window. `{\bf However, it is necessary to use numbered sections!}`

This table is inserted into the document where the command

```

\begin{quote}
\begin{verbatim}
\tableofcontents
\end{verbatim}
\end{quote}
is inserted

```

It is often  
left window

The entries  
displayed in

Additional  
hypertarget

```

\subsection{

```

A bookmark  
cause the  
For example  
`\begin{quote}`

contents in the  
below).

Window are  
through the document.

hyperlinks and

Clicking on this will  
bookmark to appear.  
To enter

```

\begin{verbatim}
\pdfbookmark[1]{Contents}{table}
\end{verbatim}
\end{quote}

```

The syntax for a bookmark is

```

\begin{quote}
\verb!\pdfbookmark[!\it level\verb!]{!\it
    bookmarktext\verb!}{!\it anchorname\verb!}!
\end{quote}

```

Level 1 is the section level, level 2 is the subsection level, etc.

The level determines the display in the left window. The `{\it bookmarktext}` will be displayed in the left window. Finally, `{\it anchorname}` is a unique label that is (I think) used internally.

The ‘‘full’’ internal name of a bookmark is `{\it anchorname.level}`. These names are used by hyperlinks.

For example, if it was desired to have a link at the end of the document which would allow the user to move back to the top, the following code would be used:

```

\begin{quote}
\begin{verbatim}
Go \hyperlink{Contents}{Table of Contents}
\end{verbatim}
\end{quote}

```

This would display the following text in the left window:

```

\begin{quote}
\begin{verbatim}
Go back to Table of Contents
\end{verbatim}
\end{quote}

```

For convenience, the following code can be used:

```

\begin{quote}
\begin{verbatim}
\pdfbookmark[1]{Table of Contents}{table}
\end{verbatim}
\end{quote}

```

in red. Clicking on this word will be displayed.

works with a comment that would mean

```
\end{verbatim}
```

```
\end{quote}
```

```
\subsection{Hyperlinks and Hypertargets}
```

Hyperlinks and hypertargets are used in this document to link names of authors given in the text with entries in the bibliography. For example, the text above

```
\begin{quote}
```

Some of the options are explained above. Also see the documentation et al, Oberdiek, Rahtz, or Story.

```
\end{quote}
```

is entered in the `\LaTeX\` source as

```
\begin{quote}
```

```
\begin{verbatim}
```

Some of the options are explained above. Also see the documentation by

```
\hyperlink{Oberdiek}
```

```
\hyperlink{Rahtz}
```

```
\end{verbatim}
```

```
\end{quote}
```

The words (right window) goes to the defining the

ar in red in the display `\LaTeX\` source

```
\begin{quote}
```

```
\begin{verbatim}
```

```
\hypertarget{}
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navigation
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'99 Process
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```
\end{verbatim}
```

```
\end{quote}
```

ion and `\mbdf`, EuroTeX

The text with

```
\begin{quote}
```

Heiko Oberdiek

navigation elements with hyperref, pdf\TeX, and thumbdf, EuroTeX  
'99 Proceedings.  
\end{quote}

The syntax for a hyperlink is

```
\begin{quote}
  \verb!\hyperlink{!\it targetname}\verb!}{!\it
    displayedtext-atlink}\verb!!
\end{quote}
```

while the syntax for the corresponding hypertarget is

```
\begin{quote}
  \verb!\hypertarget{!\it targetname}\verb!}{!\it
    displayedtext-attarget}\verb!!
\end{quote}
```

Hypertargets and hyperlinks do not influence the display in the  
left window

\section{Bi

Further in

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  Computer
\end{enum
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\end{docume

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mbdf, EuroTeX

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Preview

**Preview**