PDFscreen—A package for presentation using pdfTEX

Radhakrishnan CV

August 14, 2001
Features

Create online and print versions from the same TeX source
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- Create presentations
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➤ Create presentations
➤ Can have background — graphic overlays or color
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➤ Create presentations
➤ Can have background — graphic overlays or color
➤ Facilities for page transition and incremental builds
Packages needed

- hyperref.sty
- comment.sty
- truncate.sty
- graphicx.sty
- color.sty
- colortbl.sty
- calc.sty
- amssymb.sty
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Setup

➤ A simple command like:

\usepackage[screen,panelright]{pdfscreen}

is enough to load pdfscreen.sty.

➤ Specify the margins of the presentation with the command:

\margins{.75in}{.75in}{.75in}{.75in}

which is in the order of left, right, top and bottom margins respectively.

➤ Provide the screen size with the command:

\screensize{⟨height⟩}{⟨width⟩}

The above provides simple setup.
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Options

\textbf{panelleft}: navigation panel in the left side

\textbf{panelright}: navigation panel in the right side

\textbf{nopanel}: suppresses the panel

\textbf{print}: table of contents in the panel

\textbf{backend drivers}: pdftex is the default, any other options just as in hyperref can be specified
Options

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Navigation Panel

➤ The basic command for creating buttons is:

```
\addButton{⟨length⟩}{⟨button text string⟩}
```

➤ Image buttons can also be created using:

```
\imageButton{⟨width⟩}{⟨height⟩}{⟨graphic file⟩}
```

➤ An example of producing the Next page button:

```
\Acrobatmenu{NextPage} \addButton{1.25in}{Next Page}
```

➤ The width of the navigation panel can be controlled by specifying the \texttt{\panelwidth}. The default is 15% of the screen width, subject to a minimum of 1in.
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Background

➢ The background of the screen area can be overlayed with a graphics file with the command

\overlay{⟨graphic file⟩}

➢ The background color can also be specified using:

\backgroundcolor{⟨color⟩}

➢ The panel background can also be specified:

\paneloverlay{⟨graphic file⟩}
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\backgroundcolor{(color)}

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\paneloverlay{(graphic file)}
Page transition

The page transition facilities\(^a\) in Acrobat can be exploited for this purpose by using the command

\[ \text{pagedissolve}\{(option)\} \]

\(^a\)Refer to *Web Publishing with Acrobat/PDF* by Thomas Merz for details.
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Configuration file

A configuration file viz., `pdfscreen.cfg` can be used to set up any defaults for the package.
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