

PDFscreen—A package for presentation using pdfT_EX

Radhakrishnan CV

August 14, 2001



Step



Page 1 of 10

Back

Fullscreen

Close

Quit



Features

- Create online and print versions from the same T_EX source

Step



Page 2 of 10

Back

Fullscreen

Close

Quit



Features

- Create online and print versions from the same T_EX source

Step



Page 2 of 10

Back

Fullscreen

Close

Quit



Features

- Create online and print versions from the same T_EX source
- Create presentations

Step



Page 2 of 10

Back

Fullscreen

Close

Quit



Features

- Create online and print versions from the same $\text{T}_{\text{E}}\text{X}$ source
- Create presentations
- Can have background — graphic overlays or color

Step



Page 2 of 10

Back

Fullscreen

Close

Quit



Features

- Create online and print versions from the same $\text{T}_{\text{E}}\text{X}$ source
- Create presentations
- Can have background — graphic overlays or color
- Facilities for page transition and incremental builds

Step



Page 2 of 10

Back

Fullscreen

Close

Quit



Packages needed

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

Step



Page 3 of 10

Back

Fullscreen

Close

Quit



Packages needed

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

Step



Page 3 of 10

Back

Fullscreen

Close

Quit



Packages needed

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

Step



Page 3 of 10

Back

Fullscreen

Close

Quit



Packages needed

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

Step



Page 3 of 10

Back

Fullscreen

Close

Quit



Packages needed

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

Step



Page 3 of 10

Back

Fullscreen

Close

Quit



Packages needed

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

Step



Page 3 of 10

Back

Fullscreen

Close

Quit



Packages needed

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

Step



Page 3 of 10

Back

Fullscreen

Close

Quit



Packages needed

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

Step



Page 3 of 10

Back

Fullscreen

Close

Quit



Packages needed

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

Step



Page 3 of 10

Back

Fullscreen

Close

Quit

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.



Step



Page 4 of 10

Back

Fullscreen

Close

Quit

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.



Step



Page 4 of 10

Back

Fullscreen

Close

Quit

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.



Step



Page 4 of 10

Back

Fullscreen

Close

Quit

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.



Step



Page 4 of 10

Back

Fullscreen

Close

Quit



Options

panelleft: navigation panel in the left side

panelright: navigation panel in the rightside

nopanel: suppresses the panel

print: table of contents in the panel

backend drivers: pdftex is the default, any other options just as in hyperref can be specified

Step



Page 5 of 10

Back

Fullscreen

Close

Quit



Options

panelleft: navigation panel in the left side

panelright: navigation panel in the rightside

nopanel: suppresses the panel

print: table of contents in the panel

backend drivers: pdftex is the default, any other options just as in hyperref can be specified

Step



Page 5 of 10

Back

Fullscreen

Close

Quit



Options

panelleft: navigation panel in the left side

panelright: navigation panel in the rightside

nopanel: suppresses the panel

print: table of contents in the panel

backend drivers: pdftex is the default, any other options just as in hyperref can be specified

Step



Page 5 of 10

Back

Fullscreen

Close

Quit



Options

panelleft: navigation panel in the left side

panelright: navigation panel in the rightside

nopanel: suppresses the panel

print: table of contents in the panel

backend drivers: pdftex is the default, any other options just as in hyperref can be specified

Step



Page 5 of 10

Back

Fullscreen

Close

Quit



Options

panelleft: navigation panel in the left side

panelright: navigation panel in the rightside

nopanel: suppresses the panel

print: table of contents in the panel

backend drivers: pdftex is the default, any other options just as in hyperref can be specified

Step



Page 5 of 10

Back

Fullscreen

Close

Quit



Options

panelleft: navigation panel in the left side

panelright: navigation panel in the rightside

nopanel: suppresses the panel

print: table of contents in the panel

backend drivers: pdftex is the default, any other options just as in hyperref can be specified

Step



Page 5 of 10

Back

Fullscreen

Close

Quit

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 `\panelwidth`. The default is 15% of the screen width, subject to a minimum of 1in.



Step



Page 6 of 10

Back

Fullscreen

Close

Quit

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 `\panelwidth`. The default is 15% of the screen width, subject to a minimum of 1in.



Step



Page 6 of 10

Back

Fullscreen

Close

Quit

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 `\panelwidth`. The default is 15% of the screen width, subject to a minimum of 1in.



Step



Page 6 of 10

Back

Fullscreen

Close

Quit

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 `\panelwidth`. The default is 15% of the screen width, subject to a minimum of 1in.



Step



Page 6 of 10

Back

Fullscreen

Close

Quit

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 `\panelwidth`. The default is 15% of the screen width, subject to a minimum of `1in`.



Step



Page 6 of 10

Back

Fullscreen

Close

Quit



Background

- The background of the screen area can be overlaid 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>}
```

Step



Page 7 of 10

Back

Fullscreen

Close

Quit



Background

- The background of the screen area can be overlaid 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>}
```

Step



Page 7 of 10

Back

Fullscreen

Close

Quit



Background

- The background of the screen area can be overlaid 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>}
```

Step



Page 7 of 10

Back

Fullscreen

Close

Quit



Background

- The background of the screen area can be overlaid 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>}
```

Step



Page 7 of 10

Back

Fullscreen

Close

Quit



Step



Page 8 of 10

Back

Fullscreen

Close

Quit

Page transition

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

```
\pagedissolve{<option>}
```

^aRefer to *Web Publishing with Acrobat/PDF* by Thomas Merz for details.



Step



Page 8 of 10

Back

Fullscreen

Close

Quit

Page transition

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

```
\pagedissolve{<option>}
```

^aRefer to *Web Publishing with Acrobat/PDF* by Thomas Merz for details.



Step



Page 8 of 10

Back

Fullscreen

Close

Quit

Page transition

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

```
\pagedissolve{<option>}
```

^aRefer to *Web Publishing with Acrobat/PDF* by Thomas Merz for details.



Step



Page 9 of 10

Back

Fullscreen

Close

Quit

Configuration file

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



Step



Page 9 of 10

Back

Fullscreen

Close

Quit

Configuration file

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



Acknowledgments

- Sebastian Rahtz of Oxford University Computing Services for answering the hyperref queries
- John Hills of University of Auckland for funding
- Kaveh Bazargan for goading to write this package
- Donald Story for bug fixes
- Martin Schröder for presenting this in my absence

Step



Page 10 of 10

Back

Fullscreen

Close

Quit



Acknowledgments

- Sebastian Rahtz of Oxford University Computing Services for answering the hyperref queries
- John Hills of University of Auckland for funding
- Kaveh Bazargan for goading to write this package
- Donald Story for bug fixes
- Martin Schröder for presenting this in my absence

Step



Page 10 of 10

Back

Fullscreen

Close

Quit