
Hyper-referencing in pdf files

S. Parthasarathy
drpartha@gmail.com

Ref.: myhyper.tex
Ver. code: 20120810c

All texts shown in [winered](#) color are clickable hyperlinks.

Contents

	Page
1 Hyperlinking pdf files	1
1.1 Colouring the hyperlinks	2
1.2 A dummy subsection	3
2 Concluding remarks	3
Index	4

1 Hyperlinking pdf files

Setting up hyperlinks to web pages (or other pdf pages), from inside \LaTeX generated pdf is easy. You can now chain pdf files to other pdf files or to pages on the web, making your pdf files far more convenient to browse. You do not need have to pay for any propretary software. Just use \LaTeX and the hyperref package. The hyperref package can also be used to set up some properties of the pdf you generate.

Attention: The following will not work, if you create pdf directly from the \LaTeX source (LaTeX to pdf, or texpdf). Use dvips and ps2pdf to create the pdf file.

You can link to the page containing a paragraph. Let us go to [1.2](#) (zebra). Try another para [1](#) (cobra)

You can link to a page on the web, using :

```
\href{URL}{prompting text}
```

Example: Here's a link to [Google](#).
Click on the text "Google", to see how the link works.

Or, you can link to a file locally resident on your disk:

```
\href{run:path to local text}{prompting text}
```

Example: Here's a link to [a local file](#).
Click on the text "a local file", to see how the link works.

Cobra poison

Note: The link to a local file will work, only if the local file is actually available locally (not fetched from the web)

1.1 Colouring the hyperlinks

To make the links stand out from the rest of the text, use `hypersetup` package. You can, in fact, choose the colour of each type of hyperlink. You can also force the colour on entries of the table of contents (see Table of Contents given above). Notice that even the page numbers on the Index, can be hyperlinked (see Index below)

Here's a link to [Google](#)
Here's a link to [a local file](#)

Or, you can create a `mailto` link:

Send a mail to drpartha@gmail.com

Package `hyperref` is poorly documented. You can use the following options in `hypersetup`, as was done in the current article:

```
\usepackage{hyperref,xcolor}% http://ctan.org/pkg/{hyperref,xcolor}
\definecolor{wine-stain}{rgb}{0.5,0,0}
\hypersetup{
  colorlinks,
  linkcolor=winered,
  linktoc=all
}
```

- * linktoc=none: No hyperlinking in the ToC;
- * linktoc=section: Only the section titles are hyperlinked;
- * linktoc=page: Only the page numbers are hyperlinked;
- * linktoc=all: Both section titles and page numbers are hyperlinked;
- * linktocpage: Similar to linktoc=page

if you use colorlinks=true you can set (defaults in []):

- * linkcolor [red]
- * anchorcolor [black]
- * citecolor [green]
- * filecolor [cyan]
- * menucolor [red]
- * runcolor [cyan - same as file color]
- * urlcolor [magenta]
- * allcolors -- use this if you want to set all links to the same color

1.2 A dummy subsection

Nunc at velit quis lectus nonummy eleifend. Curabitur eros. Aenean ligula dolor, gravida auctor, auctor et, suscipit in, erat. Sed malesuada, enim ut congue pharetra, massa elit convallis pede, ornare scelerisque libero neque ut neque. In at libero. Curabitur molestie. Sed vel neque. Proin et dolor ac ipsum elementum malesuada. Praesent id orci. Donec hendrerit. In hac habitasse platea dictumst. Aenean sit amet arcu a turpis posuere pretium.

Zebra stripes, Sed malesuada enim ut congue pharetra, massa elit convallis pede, ornare scelerisque libero neque ut neque. In at libero. Curabitur molestie. Sed vel neque. Proin et dolor ac ipsum elementum malesuada. Praesent id orci. Donec hendrerit. In hac habitasse platea dictumst. Aenean sit amet arcu a turpis posuere pretium. Jump to this para now, It is easy.

2 Concluding remarks

This is a \LaTeX document, created under Linux, using Kile. You can get the \LaTeX source of this document from drpartha@gmail.com. Please follow the *basic rules of decency* explained in [1], when you ask for help. Please mention the Reference Code, and Version code, given at the top of this document.

This article is a part of tutorial and demonstration articles on \LaTeX , created by the author. The entire collection may be found at [3]

If you found this article useful, please send a note to drpartha@gmail.com. As always, constructive comments and suggestions are always welcome.

This document is released under a [Creative Commons \(BY-NC-SA\) License](#). Please read the entire license [2] carefully.

References

- [1] S. Parthasarathy, The enquiry counter phenomenon, <http://drpartha.wordpress.com/2012/04/12/16-2012-the-enquiry-counter-phenomenon/>
- [2] Creative Commons Attribution - NonCommercial - ShareAlike 3.0 Unported License. http://creativecommons.org/licenses/by-nc-sa/3.0/deed.en_US
- [3] S. Parthasarathy, Downloadable \LaTeX documents, <http://profpardha.webs.com/publications/downloadlatx.htm>

Index

conclusions, [3](#)

dummy, [3](#)

Introduction, [1](#)

* * * *