Hyperlinks

Anon Ymous

27. September 2012

Inhaltsverzeichnis

1 Basic

LaTeXenables typesetting of hyperlinks through a package called **hyperref**. This works with pdflatex which is what we've been using so far.

If you use it, you will be able to include interactive links and all your intra-document references (like the table of contents) will be turned into hyperlinks.

All you need to do in order to start playing with hyperlinks in latex, is to include `\usepackage{hyperref}` in the preamble.

1.1 URL

`http://en.wikibooks.org/wiki/LaTeX/Hyperlinks`
It's often useful in documents to include a reference to other documents online. You can pass your link as an argument of the `\url` command, i.e. `\url{http://en.wikibooks.org/wiki/LaTeX/Hyperlinks}` and it does exactly that.

Now clicking on the link will open your default browser and load the link for you which is good enough for now.

Notice that the URL is displayed using a monospace font.

1.2 Links with description

LaTeX Hyperlinks
Being able to link to other documents online is nice, but sometimes it would be more desirable to have a piece of text describing the link as the interactive link.

This is accomplished using the `\href{url}{description}` command, which takes your link's address as first argument, and the description as second.

In this example, **LATEX Hyperlinks** is the description, and is shown instead of the address in the standard document font, but still clicking on the text, would have the previous behavior: opening the link in the default browser.

2 Advanced

2.1 email addresses

my_address@example.com
You can use the mailto URI scheme with your email address in order to create a link. Clicking the link will open the default email client, with a new empty message and the address in the *To:* field.

If you want people to be able to click on your email address to send you a message, all you need to do is prefix your email address with `mailto:` like in the example, and rewrite your email address in the description, escaping special characters with \ like the underscore in the example.

For more technical information concerning the mailto URI scheme, take a look at the mailto page on wikipedia.

2.2 Future

You might have noticed that your table of contents is now interactive, but also that links have a red boarder around them, rendering the table of content ugly for on-screen displaying.

We'll see next time how that can be customized using the `\hypersetup` command in the preamble. You can read more about this in the customization section of the Hyperlinks chapter in the LATEXwikibook.

We'll also cover next time intra-document references and labels.