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如何创建超链接  
 1. web站点  
 2. 邮箱链接  
 但是并没有讲 如何点击跳转到 本文中的别的地方

# How to make clickable links in LaTeX

Setting hyperlinks in LaTeX is easy with the **hyperref** package. Link to any website or add your email address to any document.

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[Open document online] (<https://www.overleaf.com/read/kfbtyjjpgdkc>)

注意是在 preamble中加入hyperref包

Adding clickable links to LaTeX documents is very straightforward, **you only have to add the *hyperref* package to your preamble.** This package allows you to set links with a description as well as add bare urls to your document.

```
\documentclass{article} % or any other documentclass
```

```
%...
```

```
\usepackage{hyperref}
```

```
%...
```

```
\begin{document}
```

```
%...
```

```
\end{document}
```

除了URL，还可以加入描述

After setting this up, you're ready to go and add links anywhere to your document. In order to add a link with a description (i.e. making a word clickable), you should use the *href command* like so:

```
%...
```

```
\begin{document}
```

```
This is my link: \href{http://www.latex-tutorial.com}{LaTeX-Tutorial}.
```

```
\end{document}
```

This will lead to the following output in your PDF:

This is my link: [LaTeX-Tutorial](http://www.latex-tutorial.com).

You will notice, that there's a colored box shown around the word. Don't worry, this box is *not* going to show up in your printed document, but only if you view it on your computer.

If you simply want to embed a **bare URL**, you should use the *url command* instead, which usage is even simpler:

%...

```
\begin{document}
```

You can also link to bare URLs without an additional description: `\url{http://www.latex-tutorial.com}`

```
\end{document}
```

This will show the following clickable link in your PDF:

You can also link to bare URLs without an additional description: <http://www.latex-tutorial.com>

If you want to add your email address to your document, so that it automatically opens your readers email program whenever they click on it, you can also use the `url` package like so:

%...

```
\begin{document}
```

My email address is: `\href{mailto:claudio.vellage@latex-tutorial.com}{claudio.vellage@latex-tutorial.com}`

```
\end{document}
```

Usually, using the default settings and color etc are just fine, but these can also be customized if you want to. This can be done using the `hypersetup` command in your preamble. Since I've never used this feature in any document, I won't explain how to use it, but you can find a more detailed documentation of the `hyperref` package here (<https://ctan.org/pkg/hyperref>), if you're curious.

## Summary

- Add the `hyperref` package to your preamble
- Links will show up in a colored box which will be *invisible* when you print it.
- Use `\href{URL}{DESCRIPTION}` to add a link with description
- Use `\url{URL}` to add a link without a description
- Prepend your email address with `mailto:` to make it clickable and open your mail program.
- In case you want to customize the appearance, read the documentation on ctan (<https://ctan.org/pkg/hyperref>)

Next lesson: Lesson 17 (</tutorials/lists/>)

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