



# The hyperref Package

LaTeX Packages

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[www.allegancounty.org/gis](http://www.allegancounty.org/gis)

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## Contents

0.1	hyperref Package . . . . .	3
0.1.1	usepackage . . . . .	3
0.1.2	Simple Use . . . . .	3
0.1.3	Options . . . . .	3
0.1.4	Use with Options . . . . .	3
0.1.5	Commands . . . . .	4

## 0.1 hyperref Package

### 0.1.1 usepackage

Add the *hyperref package* to the preamble **last**.

```
\usepackage[options]{hyperref}
```

### 0.1.2 Simple Use

Use `\href{URL}{DESCRIPTION}` to add a link with description

```
\href{https://www.latex-tutorial.com}{Website with tutorials}
```

produces:

[Website with tutorials](https://www.latex-tutorial.com)

### 0.1.3 Options

Add optional arguments to the usepackage line:

Useful options:

- **pdftex**  
enables other options like breaklines
- **breaklinks**  
allow links to be broken across several lines  
eg. <https://lists.gnu.org/archive/html/emacs-orgmode/2013-06/msg00776.html>
- **colorlinks**  
Colors the text of links and anchors.(default is false)
- **linkcolor**  
Color for normal internal links(default is red).
- **anchorcolor**  
Color for anchor text.
- **citecolor**  
Color for bibliographic citations in text.
- **urlcolor**  
Color for linked URLs

### 0.1.4 Use with options

```
\usepackage[breaklinks,colorlinks,citecolor=blue,  
urlcolor=green]{hyperref}
```

## 0.1.5 Commands

`\href{URL}{text}` Makes text a link to URL.

To put a file path in text:

eg:

This link uses path relative to subsection document

[Official hyperref package documentation](#)

The second link will only work from the main document

[Official hyperref package documentation](#)

(documentation Pt.4 pg.15)

`\href[options]{URL}{text}`

Options:

- absolute

```
\href{C:/AC/jalapeno/documentation/packageDocs/hyperref2017.pdf}
{Official hyperref doc}
```

- relative **Note: relative path must be from final pdf location**

```
\href{../../../../documentation/packageDocs/hyperref2017.pdf}
{Official hyperref package doc}
```

\*This path works from main document

```
\href{../documentation/packageDocs/hyperref2017.pdf}
{Official hyperref package documentation}
```

\*This path works from subsection document

`\hyperref[label]{text}`

Makes text a link to where `\ref{label}` would point.

`\hypertarget{name}{text}`

Sets an anchor on text with the label name.

`\hyperlink{name}{text}`

Makes text a link that takes you to the anchor labeled name.

\*Pair with `\hypertarget`.

`\phantomsection`

Used in conjunction with

`\addcontentsline`

to make the correct link in the Table of Contents.