The hyperref Package

LaTeX Packages

Allegan County GIS
www.allegancounty.org/gis

August 3, 2018

Contents

0.1 hyperref Package

0.1.1 Introduction

Official hyperref package documentation
Note: Add the *hyperref package* to the preamble **last**čitehyperref.

```
\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

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:

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.
```