

href-ul: L^AT_EX Package That Makes Underscored Links*

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1 Introduction

This package helps you make your hyperlinks underlined, using `\href` command:

Go to Google!

```
1 \documentclass{article}
2 \pagestyle{empty}
3 \usepackage{href-ul}
4 \begin{document}
5 Go to
6   \href{https://google.com}{Google}!
7 \end{document}
```

Changing the color of the text also changes the color of the line:

Go to Google!

```
1 \documentclass{article}
2 \pagestyle{empty}
3 \usepackage{href-ul}
4 \usepackage{xcolor}
5 \begin{document}
6 Go to {\color{red}
7   \href{https://google.com}{Google}}!
8 \end{document}
```

Changing the size of the text doesn't change the height of the line:

You can always find
anything in Google, but
it's better to learn something
from a school too!

```
1 \documentclass{article}
2 \pagestyle{empty}
3 \usepackage{href-ul}
4 \begin{document}
5 You can always find \\ anything in
6 {\Large \href{https://google.com}{Google}},
7 but \\ it's better to learn
8 something \\ from a school too!
9 \end{document}
```

*The sources are in GitHub at [yegor256/href-ul](https://github.com/yegor256/href-ul)

2 Implementation

First, we include two packages:

```
1 \PassOptionsToPackage{normalem}{ulem}
2 \RequirePackage{ulem}
3 \PassOptionsToPackage{hidelinks}{hyperref}
4 \RequirePackage{hyperref}
```

`\href` Then, we define the `\href` command:

```
5 \makeatletter\begin{group}%
6 \catcode'\$=6 %
7 \catcode'\#=12 %
8 \gdef\href@split#1#2#3\#4{%
9   \hyper@@link{#1}{#2}{\underline{#4}}}%
10 \end{group}%
11 }%
12 \endgroup\makeatother
```

Change History

v0.2.0		
General: Initial version	2	package for better rendering of examples. 2
v0.3.0		
General: We started using "docshots"		

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Numbers written in *italic* refer to the page where the corresponding entry is described; numbers underlined refer to the code line of the definition; numbers in *roman* refer to the code lines where the entry is used.

Symbols	H	P
<code>\#</code> 7	<code>\href</code> <u>5</u>	<code>\PassOptionsToPackage</code>
<code>\\$</code> 6	<code>\href@split</code> 8 1, 3
<code>\%</code> 8	<code>\hyper@link</code> 9	
C	M	R
<code>\catcode</code> 6, 7	<code>\makeatletter</code> 5	<code>\RequirePackage</code> ... 2, 4
G	U	
<code>\gdef</code> 8	<code>\makeatother</code> 12	<code>\uline</code> 9