href-ul: \LaTeX Package
That Makes Underscored Links*

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1 Introduction

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

```
\documentclass{article}
\pagestyle{empty}
\usepackage[href-ul]{href-ul}
\begin{document}
Go to \textcolor{blue}{Google}!
\end{document}
```

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

```
\documentclass{article}
\pagestyle{empty}
\usepackage[href-ul]{href-ul}
\usepackage{xcolor}
\begin{document}
Go to \textcolor{red}{Google}!
\end{document}
```

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

```
\documentclass{article}
\pagestyle{empty}
\usepackage[href-ul]{href-ul}
\begin{document}
You can always find \textcolor{red}{anything in Google}, but \textcolor{red}{it’s better to learn something from a school too!}
\end{document}
```

*The sources are in GitHub at yegor256(href-ul)
With the help of the plain package option, it's possible to avoid underscores:

```
This link has no underscore: \ href{https://google.com}\{Google\}.
```

2 Implementation

First, we process package options:

```
\RequirePackage{pgfopt}
\pgfkeys{
  /href/.cd,
  plain/.store in=\href@plain
}
\ProcessPgfPackageOptions{/href}
```

Then, we include the ulem package in order to enable underscores:

```
\makeatletter
\ifdefined\href@plain\else
  \PassOptionsToPackage{normalem}{ulem}
\fi
\makeatother
```

Then, we include the hyperref package for PDF hyperlinks:

```
\PassOptionsToPackage{hidelinks}{hyperref}
\RequirePackage{hyperref}
```

\href Then, we define the \href command:

```
\makeatletter
\begingroup
\catcode\$=6
\catcode\#=12
\gdef\href@split$1#$2#$3\$4{\hyper@@link{$1}{$2}{\ifdefined\href@plain$4\else\uline{$4}\fi}}
\endgroup
\makeatother
```

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## Change History

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<td>0.4.0</td>
<td>General: Package options processing introduced with a single <code>plain</code> option.</td>
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<tr>
<td>v0.2.0</td>
<td>General: Initial version</td>
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<tr>
<td>v0.3.0</td>
<td>General: We started using &quot;docshots&quot; package for better rendering of examples.</td>
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