

Package xurl

Herbert Voß*

December 8, 2018

1 How it works

Package xurl loads package url by default and defines possible url breaks for all alphanumerical characters and = / . : * - ~ ' "

All arguments which are valid for url can be used. It will be passed to package url. xurl itself has no special optional argument. For more information read the documentation of package url.

```
some text very-long-url-very-long-url-very-long-url-very-long-url-very-long-url- and another url: https://tex.stackexchange.com/questions/3033/forcing-linebreaks-in-url/10419?noredirect=1#comment1021887_10419
```

```
some text very-long-url-very-long-url-very-long-url-very-long-url-very-long-url-very-long-url- and another url: https://tex.stackexchange.com/questions/3033/forcing-linebreaks-in-url/10419?noredirect=1#comment1021887_10419
```

```
some text iszv://dsf.tqsdatmtdls.ctm/cudfsdvqfql-ocd/bdcbcfqlf-lcclldh/cbsntwgqke-esbptb-vvylhy/zkhqnqidf-obedbacpf-lzlal-pxaccqa-gwki.lfof/ and another url: koff://osb.ccdngagkg.rra/qrkxzvi/dxfsiaa/xidf-lata-dgdqmhp-uoxdl-vst-vcsbhl-aisdsasih-skl-aezb-fhixvyy-qqlac hd-achhfc-koe-xgfgp-iyplcu-1.696884
```

2 Using biblatex

Package biblatex has it's own url handling. If you want the the same behaviour as xurl has, you have to set

```
\setcounter{biburllcpenalty}{1}  
\setcounter{biburlucpenalty}{1}  
\setcounter{biburlnumpenalty}{1}
```

*herbert@dante.de

However, if you load `xurl` *after* `biblatex` then it is done by default. Compare the following bibliographies. If you do not want that `xurl` should set these counters, then load the package *before* `biblatex` or use the optional argument `nobiblatex`:

```
\usepackage[...]{biblatex}  
\usepackage[nobiblatex]{xurl}
```

With urlbreaks

- [1] *Angaben des BSI für die Algorithmenkataloge der Vorjahre, Empfehlungen zur Wahl der Schlüssellängen*. BSI (Bundesamt für Sicherheit in der Informationstechnik). 2016. URL: https://www.bundesnetzagentur.de/DE/Service-Funktionen/ElektronischeVertrauensdienste/HinweiseEmpfehlungen/Empfehlungen/Empfehlungen_node.html.

xurl with option nobiblatex

- [1] *Angaben des BSI für die Algorithmenkataloge der Vorjahre, Empfehlungen zur Wahl der Schlüssellängen*. BSI (Bundesamt für Sicherheit in der Informationstechnik). 2016. URL: https://www.bundesnetzagentur.de/DE/Service-Funktionen/ElektronischeVertrauensdienste/HinweiseEmpfehlungen/Empfehlungen/Empfehlungen_node.html.