

# KKluaverb Package Documentation

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# 1 Outline

`KKluaverb` is a LaTeX package which provides a Lua-enhanced `\verb` command, `\KKverb`. If can be used in the table of contents, index, underline commands (e.g., `\underline{KK}` provided by the `luwa-ul` package), `tblr` environment and so on.

## 2 Acknowledgements / Credit

In developing this package, I made use of an algorithm which is used in “bxrawstr” (by Takayuki YATO)<sup>1)</sup>

## 3 Usage

### 3.1 Basical useage

As mentioned in the “Outline” section, this package mainly provides enhanced `\verb` command. The usage is not much different from the normal one.

Input	<code>\KKverb \def\TEST{Test Text.} </code>
Output	<code>\def\TEST{Test Text.}</code>

### 3.2 In Verbatim Environments

When this package is loaded, the Lua-sccanning which enables `\KKverb` to detokenize its argument is activated. However, when the `\KKverb` used in verbatim environments such as “listings” and “tcblisting”, the argument cannot be decoded properly. In such cases, you should use `\KKvScanOff` which deactivates the sccanning process used internally in `KKverb.lua`.

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1) package: <https://gist.github.com/zr-tex8r/c7901658a866adfc3cd66b6dfa86997>  
article: <https://zrbabbler.hatenablog.com/entry/20181222/1545495849>