

KKluaverb Package Documentation

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1 Outline

`\KKluaverb` is a LaTeX package which provides a Lua-enhanced `\verb` command, `\KKverb`. It can be used in the table of contents, index, underline commands (e.g., `\underline` 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 “`bxcrawstr`” (by Takayuki YATO)¹⁾.

3 Usage

3.1 Basical Useage

As mentioned in the “Outline” seciton, 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-scanning 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 scanning process used internally in `\KKverb.lua`. Of course, `\KKvScanOn` re-activetes the process.

1) package: <https://gist.github.com/zr-tex8r/c7901658a866adfdc3cd66b6dfa86997>
article: <https://zrbabbler.hatenablog.com/entry/20181222/1545495849>