

The `eoldef` Package, version 1.1

plante

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The `eoldef` package provides the `\eoldef` and `\eolgdef` commands that define macros whose arguments are delimited by the end of a source code line. They are analogues to `\def` and `\gdef` respectively.

Usage

Usage: `\eol[g]def` *<control sequence>* *<parameter text>* { *<replacement text>* }.

This defines *<control sequence>* to essentially have parameter text *<parameter text>* \char"000A , where \char"000A is the end-of-line marker.

As is the case for all category code-changing macros, commands defined by `\eoldef` or `\eolgdef` may not be used normally as part of another command's argument or replacement text. However, an alternate syntax is provided in cases where category codes are frozen: the contents of the whole line may be given as a single braced argument, eg. `\command{...}`.

If it happens that the command is to be used with the usual syntax but the contents of the line starts with a braced group, simply insert a space between it and the command to disable the alternate syntax detection, eg. `\commandL{...}`.

This package may be loaded by `\input{eoldef}` (plain \TeX and other formats) or `\usepackage{eoldef}` (\LaTeX). It is line-ending independent.

Samples

- Markdown-like syntax for chapter titles:

```
\catcode'\active \eoldef-#1{\chapter{#1}}  
- Chapter Title
```

- The following are equivalent:

```
\eoldef\command#1{...}  
\command abc def  
\command{abc def}
```

- #1 is abc in the first application and {abc} def in the second.

```
\command{abc} def  
\command {abc} def
```

- More complex parameter texts may also be used:

```
\eoldef\command#1:#2{...}  
\command abc:def
```

(#1 is abc while #2 is def.)

License

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Repository

The upstream repository of this package may be found at

<https://github.com/plante3/eoldef/tree/main>.