

The `bxcalcize` package

Takayuki YATO (aka. “ZR”)

v1.0 [2017/05/21]

1 Overview

After loading `calc`, most of the length specifications in \LaTeX become aware of that package— i.e. `calc` expressions can be written in place of simple lengths. However some commands remain `calc`-unaware; for example one cannot use expressions in the argument of `\hspace`. This package patches to the \LaTeX kernel and eliminates remaining `calc`-unawareness (as far as I know).

Supported format \LaTeX .

Supported engine Any engine with $\varepsilon\text{-TeX}$ extensions.

Prerequisite packages `calc` package.

2 Package Loading

Use `\usepackage` as usual, with no options.

```
\usepackage{bxcalcize}
```

3 Usage

After loading the package, one can use `calc` expressions in the following places:

- the sole argument of `\hspace(*)`, `\vspace(*)`, and `\addvspace`;
- the sole optional argument of `\.`.