

# The `bxcalcize` package

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## 1 Overview

After loading `calc`, most of the length specifications in  $\text{\LaTeX}$  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  $\text{\LaTeX}$  kernel and eliminates remaining `calc`-unawareness (as far as I know).

**Supported format**  $\text{\LaTeX}$ .

**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 `\.`.