

tikz-cookingsymbols

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1 Licence and Requirements

Permission is granted to copy, distribute and/or modify this software under the terms of the L^AT_EX Project Public License, version 1.3 or later (<http://www.latex-project.org/lppl.txt>).

tikz-cookingsymbols loads the package tikz with the libraries `calc`, `topaths` and `knots`. Furthermore the package `calc` is loaded.

2 Motivation

This package was written for my own recipe book. I did not want to use `cookingsymbols`¹ any more, but use symbols based on the more modern `tikz`-package.²

Furthermore the symbols are using the font size as their height.

3 Remarks

This package was tested with LuaL^AT_EX, but there should not be any issues if pdfL^AT_EX or X_YL^AT_EX is used.

¹<https://ctan.org/pkg/cookingsymbols>

²<https://www.ctan.org/pkg/pgf>

4 Defined commands

4.1 General aspects

This package defines two sets of commands for drawing the symbols. One set in English and one set in German. Two commands are used in both languages, because they are the same.

Additionally their are **-versions* of the commands. We will see the difference in [section 4.2](#).

All of the commands are of the form

$$\backslash\text{commandname}*\langle\text{optional argument passed to } \backslash\text{tikz-command}\rangle.$$

We will look at some examples for the optional argument in [section 4.3](#).

4.2 Difference of **-version*

The height of the symbols is set to the height of the letters and depends on the fontsize. Compare the following examples:

```
1 see\TopHeat\ and try\TopHeat*           see□ and try□
```

As we can see the **-version* uses the font size above the baseline, because the height is captured with `\settoheight` and the **-version* adds the height that is captured with `\settodepth`.

4.3 Optional argument

The optional argument is passed to the underlying `\tikz-command`. In this way you can *e. g.* change the colour of the symbol.










```
1 \TopBottomHeat [color=red]           □
```

Furthermore you can use the optional argument for scaling the symbol.

```
1 \TopBottomHeat\par
2 \TopBottomHeat [scale=2]           □
```

4.4 Overview of all commands

In the following table all commands are listed, but only in the unstarred version.

| english command | german command | output |
|-----------------------------------|------------------------------|---|
| <code>\TopBottomHeat</code> | <code>\OberUnterHitze</code> |  |
| <code>\TopHeat</code> | <code>\OberHitze</code> |  |
| <code>\BottomHeat</code> | <code>\UnterHitze</code> |  |
| <code>\ConvectionOven</code> | <code>\Umluft</code> |  |
| <code>\ConvectionOvenAlt</code> | <code>\UmluftAlt</code> |  |
| <code>\Grill</code> | |  |
| <code>\ConvectionOvenGrill</code> | <code>\UmluftGrill</code> |  |
| <code>\AirFryer</code> | |  |
| <code>\Pizza</code> | |  |

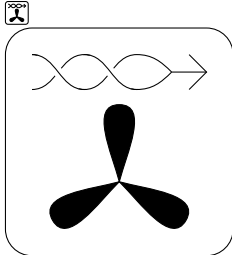
4.5 Houston, we have a problem – An issue with `knots`-library

For drawing the `\AirFryer`-Symbol the `knots`-library is used. This can be seen if and only if the symbol is scaled. The following example shows the issue.

```

1 \AirFryer\par
2 \AirFryer[scale=10]

```



I tried to make it work in the unscaled version, but could not do it. Maybe it is too small in the grabbed height.