# `hvindex`, v. 0.04
# simplifying indexing …

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## Inhaltsverzeichnis

## 1 Package options

With the option `makeidx` the also called package is loaded and the macro `\makeindex` is executed.

The package should be loaded *after* package `babel`.

## 2 Introduction

The package `hvindex` defines some macros as a replacement for `\index` which makes live easier. You have to type every word only once to get it into the index and into the text.

```
The \Index{package} \ttIndex{hvindex} defines some \Index{macros}
as a \Index{macro!replacement} for
\Index{macros!index@\texttt{\textbackslash index}}
which makes \Index{live} easier\index{easy}. You have to type every
\Index{word} only \Index{once} to get it into the \Index{index}
and into the \Index{text}.
```

# 3 The macros

| *code* | *Text* | *index* |
|---|---|---|
| `\Index{foo}` | foo | foo |
| `\Index{foo!bar}` | bar | foo<br>bar |
| `\Index{foo!bar!baz}` | baz | foo<br>bar<br>baz |
| `\Index{foo@\textsc{foo}}` | foo | foo |
| `\Index{foo!bar@\textsf{baz}}` | bar | foo<br>bar |
| `\Index{foo!bar!baz@\texttt{baz}}` | `baz` | foo<br>bar<br>`baz` |
| `\Index{foo@\textsc{foo}!bar}` | bar | foo<br>bar |
| `\Index{foo!bar@\textsc{bar}!baz}` | baz | foo<br>bar<br>baz |
| `\Index{foo@\textsc{foo}}` | foo | foo |
| `\Index{foo!bar@\textsf{baz}}` | bar | foo<br>bar |
| `\Index{foo!bar!baz@\texttt{baz}}` | `baz` | foo<br>bar<br>`baz` |
| `\ttIndex{foo}` | `foo` | `foo` |
| `\bfIndex{foo}` | **foo** | **foo** |
| `\sfIndex{foo}` | foo | foo |
| `\scIndex{foo}` | foo | foo |
| `\itIndex{foo}` | *foo* | *foo* |
| `\ttIndex{foo!bar}` | `bar` | foo<br>`bar` |
| `\bfIndex{foo!bar}` | **bar** | foo<br>**bar** |
| `\sfIndex{foo!bar}` | bar | foo<br>bar |
| `\scIndex{foo!bar}` | bar | foo<br>bar |
| `\itIndex{foo!bar}` | *bar* | foo<br>*bar* |

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| *code* | *Text* | *index* |
|---|---|---|
| `\ttIndex{foo!bar!baz}` | `baz` | foo<br>bar<br>`baz` |
| `\bfIndex{foo!bar!baz}` | **baz** | foo<br>bar<br>**baz** |
| `\sfIndex{foo!bar!baz}` | baz | foo<br>bar<br>baz |
| `\scIndex{foo!bar!baz}` | baz | foo<br>bar<br>baz |
| `\itIndex{foo!bar!baz}` | *baz* | foo<br>bar<br>*baz* |
| `\sIndex{foo\|bar}` | foo | foo, see bar |
| `\saIndex{baz\|bar}` | baz | baz, see also bar |

It is not easy to get the braces into an index, because `\index` reads its argument verbatim. The package defines the follwong macros:

`\iBraceL`, which writes the `{` into the index, same for `\iBraceR` for the right `}`. With the upper case variant it is writen into the index and also printed into the text, like this one: `{` and `}` (`\IBraceL\ and \IBraceR`). The advantage of these macros is, that the braces are sorted correct, the character | (written as `\IVert`) must appear between them and it does …

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