

## 1 Generating an Index

Using the `showidx` package, users can see where they define index entries.

Entries are entered into the index by the `'134index` command. More precisely, the argument of the `'134index` command is written literally into the auxiliary file `idx`. Note, however, that information is actually written into that file only when the `'134makeindex` command was given in the document preamble.

```
index@'134index
index@'134index
makeindex@'134makeindex
Final
  production
  run
include index
printindex@'134printindex
```

## 2 Preparing the Index

In order to prepare the index for printing, the `idx` file has to be transformed by an external program, like `makeindex`. This program writes the `ind` file.

```
makeindex filename
```

## 3 Printing the Index

During the final production run of a document, the index can be included by putting a `'134printindex` command at the position in the text where you want the index to appear (normally at the end). This command will input the `ind` file prepared by `makeindex`, and  $\text{\LaTeX}$  will typeset the information.

## Index

```
Final production run, 1      '134makeindex, 1
include index, 1
'134index, 1                '134printindex, 1
```