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Chapter One

Making Multiple Indices

Making multiple indices is a variation on the standard method of making an index in \LaTeX : `\index{<index entry>}`, `makeindex <name of .tex file>` and `\printindex`.

1. Use `MultIndices` as a documentclass option:
`\documentclass[MultIndices]{pup-book}`
2. Start your multiple indices by giving each a name:
ie, `\makeindex{topics}` and perhaps `\makeindex{authors}`.
You can make more than two indices if you want by following the same steps, and making one or more additional indices: ie, `\makeindex{colors}`
3. Mark up your text with
`\index{<name of index type>}{<index entry>}`
4. Run `xelatex` on your `.tex` file several times
5. On command line, or within \LaTeX editor,
run `'makeindex <name>'` ie,
`'makeindex topic'` or `'makeindex author'`
if you have used these names for your indices.
6. Now you will get an index when you type in
`\printindex{<index name>}{<index title>}`

```
\printindex{topics}{Index of Topics}
\printindex{authors}{Index of Authors}
```

This is a small example of using multiple indices: Mark Twain is a fine author. and so is Carlo Rovelli.

After you run ‘makeindex topics’ and ‘makeindex authors’ on the command line, or in your \LaTeX editing program, you can use printindex:

```
\printindex{topics}{Index of Topics}  
\printindex{authors}{Index of Authors}
```

The first argument is the name of the kind of index as you defined it earlier; the second is the title of the index.

INDEX OF TOPICS

- Multiple Indices
 - Making Indices, 2
 - Sample Authors, 2

INDEX OF AUTHORS

Carlo Rovelli, 2

Mark Twain, 2