

`\crumbs:` [Intro] [How It Works]

`\subcrumbs:` [How to Contribute]

`section=1, crumbi=2, subcrumbi=1`

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# `crumbs`: L<sup>A</sup>T<sub>E</sub>X Package for Navigation Crumbs

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Before the first `\section` command:

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## 1 Introduction

This package helps you add navigation crumbs to your document, which is most useful for presentation and slide decks:

```
1 \documentclass{article}
2 \usepackage{crumbs}
3 \usepackage{fancyhdr}
4   \fancyhf{}
5   \pagestyle{fancy}
6   \fancyhead[L]{\crumbs / \subcrumbs}
7 \begin{document}
8 \section{Introduction}
9 Some text here.
10 \section{Related Works}
11 Some other text here.
12 \end{document}
```

You may redefine `\crumb{}` and `\subcrumb{}` commands, if you want your crumbs to look nicer, for example:

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```
13 \renewcommand\crumb[2]{
14   {
15     \ifnum\value{section}=\value{crumbi}
16       \color{orange}
17     \fi
18     #1
19   }
20 }
```

The same for `\subcrumb{}`, but the comparison should be done not between `section` and `crumbi`, but between `subsection` and `subcrumbi` counters.

The first parameter of both `\crumb{}` and `\subcrumb{}` is the optional parameter of `\section{}` and `\subsection{}` calls respectively. The second one is the mandatory parameter of them, which is the full text of the section and sub-section.

You can use `\section` and `\subsection` with an optional argument, which will be used in the crumbs, e.g.:

```
21 \section[Details]{More Details About The Method}
22 \subsection[SLR]{Systematic Literature Review}
```

## 1.1 How to Contribute

You may turn on the “dry” mode, which will prohibit the package to renew `\section{}` and `\subsection{}` commands. You will still be able to use the crumbs mechanism through `\crumblection{}` and `\subcrumblection{}` commands, for example:

```
23 \documentclass{article}
24 \usepackage[dry]{crumbs}
25 \begin{document}
26 \crumblection[Intro]{Introduction} % Add it to \crumbs
27 \section{Introduction} % Print it to the page
28 Hello, world!
29 \end{document}
```

You can also instruct it to increment `\section{}` and `\subsection{}` on each call to `\crumblection{}` and `\subcrumblection{}` respectively. Just use the `increment` package option.

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`\subcrumbs:`

`section=2, crumbi=2, subcrumbi=1`

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More details about this package you can find in the `yegor256/crumbs` GitHub repository.

If you want to add a feature or fix a bug, you are welcome to submit an issue or make a pull request.

## 2 How It Works

On the first run, a new file `\jobname.crumbs` is created, where all `\section` and `\subsection` commands are being logged.

On the second run, the file is loaded and two commands are being created: `\crumbs` and `\subcrumbs`. The first one is a collection of `\crumb{}` calls, while the second one is a collection of `\subcrumb{}` ones.