Tools for editing LaTeX files: The lineno and todonotes package

Merle Graf-Schreiber

01.08.2022

lineno

- Utility: Add line numbers to document

- Package: \usepackage{lineno}

- Usage: \linenumbers
  or \begin{linenumbers} "Text"
  \end{linenumbers}

Problems might occur with maths environments

options

- left, right

- switch (meaning outside), switch* (meaning inside)

- pagewise

- running, modulo (every 5th line)

todonotes

- Utility: Reminder for things that still need to be done

- Package: `\usepackage[<options>]{todonotes}`

- Usage:
  - `\todo[<options>]{"Text"}`
  - `\missingfigure[<options>]{text}`
  - `\listoftodos`

Todo notes appear in the margin on the side
$\Rightarrow$ If the margin is too small it won't be completely visible.

Examples for the package

These packages are for Text documents (not presentations).

In article class documents to-do notes look like this.

All of the to dos can then be combined into a to-do list with the \listoftodos[caption] command.

caption

Include details here. 1
Comments are then added to the to do list 1
plot or image missing here 1
Figure: This is missing figure text 1

1

In case I start to write a text and notice I need to include more details that I need to check or look up, I like to write a quick to do note.

Maybe The document is already done and is being edited. In this case to do notes could also be used as comments.

If I realize while writing that another figure is needed I could add a to do note. Or I could use a missing figure, so the structure is already there.

> Include details here.

> Comments are then added to the to do list

> plot or image missing here

Figure 1: Some caption can already be here

The Structure for this is:

```
\begin{figure}[h]
\centering
\missingfigure[figwidth=0.5\textwidth]{This is missing figure text}
\caption{Some caption can already be here}
\label{missingfigure}
\end{figure}
```

And the figure can already be referenced even if it doesn't exist yet as Fig.1.