Snaptodo—A Snap-to-the-Correct-Side Todo

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November 21, 2021

Abstract

Snaptodo package is an alternative to the todonote package that differs in the following ways: (A) Depending on where you call `\todo`, the note is put on the left or right margin, whichever is closer. (B) The notes bump each other down so they never overlap; the lines never overlap either; and they don't trigger the `\marginpar` warning. (C) Minimalistic, aesthetic, and customizable style.

1 Minimal Working Example

```
\documentclass{article}
\usepackage{snaptodo}
\begin{document}
    Your done
    \todo{Your todo}
\end{document}
```

2 Showcase of Examples

Using snaptodo is as simple as calling `\todo` and compile twice. If the calling point is on the left of a page, the todo note, after compiling twice of course, will appear to the left margin. And vice versa.

Calling point!

Left of a page!

On the left margin!

Calling `\todo`!

Compile twice!

Vice versa!

3 Customization

I defined `\snaptodoset` that works like `\tikzset` and `\pgfplotsset`. While you can access some options by `\snaptodoset{_some_option_}`, you can also assess the exact same options by `\pgfkeys{/snaptodo/_some_option_}`.

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3.1 Colors

The color of the broken line is `snaptodo@chain`. The default color for that is `red!50!black`. Using `\colorlet{snaptodo@chain}{green!50!white}` lets you to change this color globally. On the other hand, for locally changing this color, one may prefer using `\todo[call chain/.style=green!50!white]`.

New broken line color

The color of the note text is `snaptodo@block`. The default color for that is `yellow!50!black`. Using `\colorlet{snaptodo@block}{blue!50!white}` lets you change this color. On the other hand, for locally changing this color, one may prefer using `\todo[margin block/.style=blue!50!white]`.

New note text color

3.2 Lengths

The gap between two notes is stored in `/snaptodo/block sep`. The default length is `\baselineskip`. To change, use `\snaptodoset{block sep=0pt}` for global setting and `\todo[block sep=0pt]{note}` for local setting.

2 blocks close.

The gap between two lines is stored in `/snaptodo/chain sep`. The default length is `0.5ex`. To change, use `\snaptodoset{chain sep=0pt}` for global setting and `\todo[chain sep=0pt]{note}` for local setting.

..to each other

The width of the note is `\marginparwidth`. The width where the line has slope is `\marginparsep`. These are the built-in dimensions.

2 chains close.

..to each other

3.3 Alignment

The alignment of the text is controlled by: `margin block/.style={align=???}`. The default setting is `align=flush \std@leftright`, which flushes the text toward the page edges. If you do `align=flush \std@rightleft`, the text will be flushed toward the center.

flush toward center

3.4 Font

tiny

Font size is controlled by `margin block/.style={font=...}`. So does font family.

itshape

Large

bfseries

Huge

sffamily