Sublime Text OpTEX package

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2021

Installation

To use this package, you need to have Sublime Text installed, preferably the newest version (*version 4, older versions were not tested and might cause problems*). If you don't have any Sublime Text versions installed yet, you can follow instructions on Sublime Text official site.

Although there are several ways to publish packages using various packaging tools, the easiest way to use this package is to move the package folder to `Packages` directory. The path could be different on each platform, so to find the `Packages` directory, hit `Preferences` in the top panel in Sublime Text and select `Settings`. Sublime Text opens two settings files which are stored in `Packages` directory so you can see the path in the top panel.

Features

Syntax highlighting

The package provides a very simple syntax recognition using `.sublime-syntax` files to highlight TEX primitive commands, OpTEX and other macros. It also supports OpTEX-math control sequences inside inline and block math sections. Comments and parameters inside square brackets are also distiguishble from other text. If the OpTeX syntax is not selected automatically, go to `View->Syntax` in the top panel and choose OpTeX.

Completion

Basic completions TEX primitives and OpTEX macros are also supported by plugin, which uses the Sublime Text API written in Python. It also suggests user-defined macros.

Snippets

Snippets are generally used as smarter completions. This package supports the most simple snippets for inserting dolars and double dolars surrounding the inline and block math sections and block verbatim macro pairs. The snippets can be triggered from the completion suggestion list , from the command palette or when you type enough text to match particular snippet pattern and press `Tab`. Snippets are defined in `.sublime-snippet` files.

Simple build system

Sublime Text can use `.sublime-build` files to provide simple build systems for your projects. This particular build system runs the optex command with the name of the file that is being edited. To trigger the build process, press `Ctrl+B` or choose `Tools->Build` in the top panel.

Used resources

- https://www.sublimetext.com/docs/api_reference.html
- https://www.sublimetext.com/docs/index.html
- https://raw.githubusercontent.com/kkos/oniguruma/5.9.6/doc/RE
- https://www.youtube.com/watch?v=Iqw32MO_A7E&list=PLGfKZJVuHW91zln4ADyZA3sxGEmq32Wse
- petr.olsak.net/ftp/olsak/optex/optex-doc.pdf
- http://petr.olsak.net/ftp/olsak/optex/optex-math.pdf
- https://www.tug.org/utilities/plain/cseq.html