TEXLab

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1 Introduction

TexLab is a cross-platform implementation of the Language Server Protocol for the LATEX typesetting system. It aims to produce high quality code completion results. The server may be used with any editor that implements the Language Server Protocol. It is written in Rust, a blazingly fast systems programming language.

2 Features

The language server implements most of the Language Server Protocol specification. In addition to that, it implements additional functionality like building or forward search. A detailed list of supported features can be found on our website.

3 Availability

TexLab is available on GitHub, various package managers and CTAN. Precompiled binaries are available on the GitHub Releases page. Some editor extensions are able to automatically download TexLab.

4 Installation

There are various ways to install TexLab:

- TexLab is included in some package managers like `brew`, `pacman` or `scoop`. Please refer to the badges in the `README` to see if your distribution includes TexLab.
- You can download a pre-compiled binary from our GitHub Releases page.
- Some extensions like the Visual Studio Code extension or `coc-texlab` can automatically download the server for you.

- You can download the sources from either GitHub or CTAN and compile the server with `cargo build --release`. The `texlab` binary can be found inside `target/release/`.

5 Usage

5.1 Synopsis

```
texlab [FLAGS] [OPTIONS]
```

5.2 Flags

- `-h, --help` Prints help information
- `-q, --quiet` No output printed to stderr
- `-V, --version` Prints version information
- `-v, --verbosity` Increase message verbosity (`-vvvv` for max verbosity)

5.3 Options

- `--log-file <FILE>` Write the logging output to `FILE`