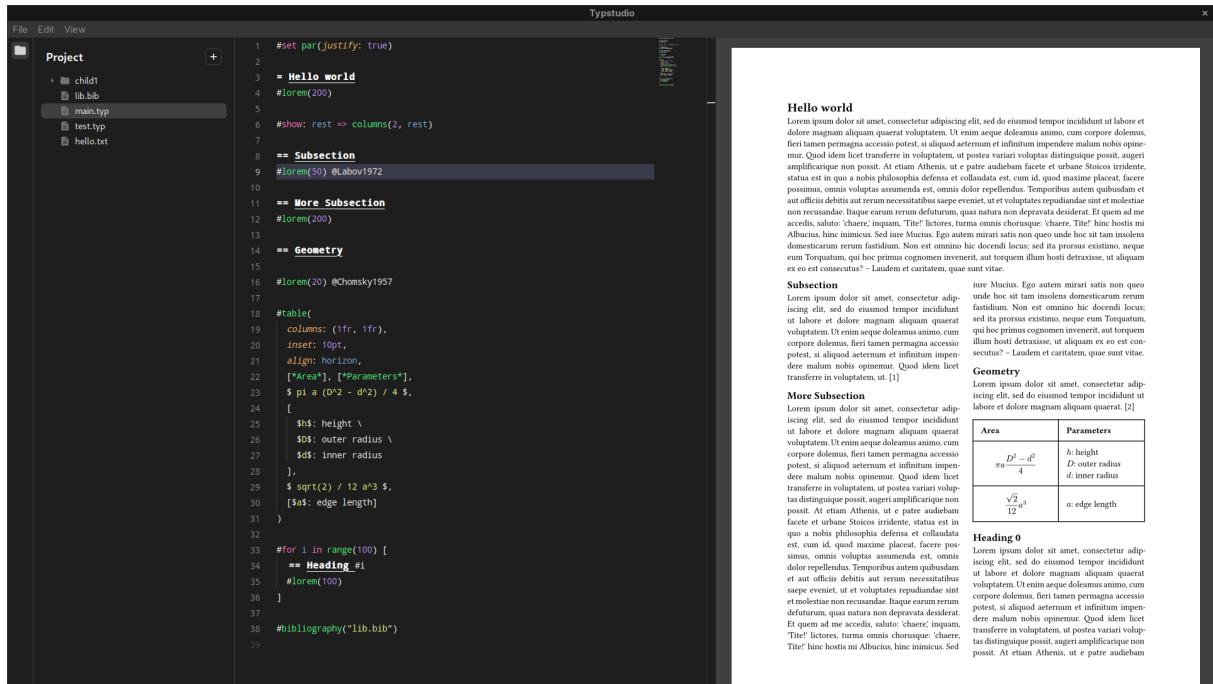


# [WIP] typstudio

A W.I.P desktop application for a new markup-based typesetting language, typst. Typstudio is built using Tauri.



## Features

- ☒ Syntax highlighting
- ☒ Compiler error markers
- ☒ Real time preview
  - ☐ Navigate to source
  - ☒ More performance optimization
- ☒ Build/export
- ☐ Complete file explorer system
- ☒ Auto complete
- ☒ Image pasting
- ☐ Linting and formatting
- ☐ Bibliography assistant
- ☐ Formatting assistant
- ☐ Project creation assistant / templates

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...and more to come!

## Installing & Running

Typstudio does not have a stable release yet.

### Development Builds

Development builds are provided in releases. The builds support Linux (amd64), macOS (amd64, aarch64), and Windows (amd64).

### Packages

#### Unstable:

- AUR (maintained by alerque): [typstudio](#) (link)

### Note about running on macOS

When running Typstudio for the first time on macOS, you may see a warning saying that the “Developer can not be verified”. This is only a one-time warning for new files downloaded from the internet that aren’t notarized.

To be able to work around it, perform the following steps:

- Right-click on the application, and then click “Open”
- Then, you’ll see *yet another* warning from Gatekeeper, just click “Open” again to launch Typstudio

## Development

Do note that development (debug) builds are slower than release builds. Pull requests are welcome!

### Prerequisites

- pnpm and Node.js
- Rust toolchain
- Tauri prerequisites

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## Getting Started

```
1 pnpm install
2 pnpm tauri dev # or cargo-tauri dev
```

## Building (Release)

```
1 pnpm tauri build # or cargo-tauri build
```

## Learn more

- [Tauri](#)
- [Rust](#)
- [SvelteKit and Svelte](#)
- [Tailwind CSS](#)
- [TypeScript](#)

## License

Typstudio is licensed under GPLv3.