

QUICKSTART

XyScript keyboard test — Quickstart

Thanks for helping test! This takes about 20 minutes and needs no Rust knowledge. For the full details and the report-back template, see `TESTING.md`. This page is the short version.

1. **Unzip** ``xyscript-kbd.zip``. You'll get a folder named `xyscript-kbd`.
1. **Open a terminal and go into that folder.** Everything below must be run from *inside* it — the folder where you can see `Cargo.toml` next to `src/`:

```
cd path/to/xyscript-kbd
```

1. **Install Rust** (skip if `cargo --version` already prints 1.74 or higher):
 - macOS/Linux: run

```
curl --proto '=https' --tlsv1.2 -sSf https://sh.rustup.rs | sh,
```

then open a new terminal.
 - Windows: get the installer from [<https://rustup.rs>](https://rustup.rs) and follow it.

1. **Build and self-test:**

```
cargo test
```

Expect it to compile and end with `test result: ok` (15 passed). If this fails, **stop and send the output** — nothing below will help until it's green.

1. **Quick no-permissions demo** (prints a scripted run and exits on its own):

```
cargo run -- demo --kbd kbd/xyscript-sample.kbd
```

You should see lines like `dispatch "q"`.

1. **Run the live key test for your OS:**
 - **Windows** (no special permissions):

```
cargo run -- diag --kbd kbd/xyscript-sample.kbd
```

- **Linux** — you must be at the machine's ****physical keyboard / console, NOT over SSH**** (SSH keystrokes are invisible to it). Then:

```
cargo build  
sudo ./target/debug/xykbd diag --kbd kbd/xyscript-sample.kbd
```

- **macOS** — first, in **System Settings -> Privacy & Security**, add your terminal app under **both Accessibility and Input Monitoring**, then **fully quit and reopen** the terminal. Then:

```
cargo run -- diag --kbd kbd/xyscript-sample.kbd
```

1. **Press these keys slowly, one at a time, and watch the lines that appear:**

Caps Lock, Left/Right Shift, Left/Right Ctrl, Left/Right Alt, Numpad 5, F1-F10, the letters q/w/e and a/s/d, and Esc and Tab. For each key you want to see a clean **DOWN** line and an **UP** line.

1. **Quit** with **Ctrl-C**. If it won't respond, just close the terminal window.
1. **Send back** the OS and version you used and what you saw — especially any key that gave *no* line, only one edge, a doubled line, or a stuck / never-released line. A screenshot of the output is perfect.

That's it — thank you!