LINUX · WAYLAND · ALPHA

Autocomplete in your apps, on Wayland

Wayland lets no ordinary app read another's keys or type into it, so LokalBot joins as an input method, the way language input tools do. Suggestions appear in the field itself. Tab accepts and Esc dismisses.

Thanks for the update. I wanted to follow up on the migration timeline

Your app
Tells the desktop the text around the caret, and shows the suggestion in its own style, underlined.

⇄

Your desktop
Passes that to the one input method it's running: LokalBot directly on Sway and Hyprland, through IBus on GNOME, through a small helper on KDE Plasma.

⇄

LokalBot
Asks your Autocomplete model, on this computer unless you chose otherwise, and checks your excluded apps first.

TURN IT ON

Desktop	What to do
Sway	Settings → Writing → turn on autocomplete. That's all.
Hyprland, Omarchy	The same. Omarchy runs Fcitx 5, and only one input method can run, so LokalBot waits and Settings says so. If you don't use Fcitx 5: `systemctl --user disable --now omarchy-fcitx5.service`
GNOME	Turn it on. With the `.tar.gz`, run the one command Settings shows. Either way, log out and back in once, then GNOME Settings → Keyboard → Input Sources → + → Other → LokalBot. Choose it in the top bar or with Super+Space.
KDE Plasma	Turn it on, then System Settings → Keyboard → Virtual Keyboard → LokalBot → Apply. Running it from the extracted `.tar.gz` folder? Run the one command Settings shows first. After an update, log out and back in once.
Others	Not yet. Settings says so and offers the practice editor.

WHICH APPS

App	Result
GTK 3 and 4	Work on Sway, GNOME and KDE Plasma. On GTK 3 a selection isn't reported, so accepting replaces selected text, as typing does.
Firefox, Chrome	Work on Sway. On GNOME they need the Window Calls extension to name the app, and stay quiet without it. Not tried on KDE Plasma.
Older Chromium, Electron	Need `--enable-wayland-ime`, according to their documentation. Not tried.
Qt 5 and 6	Work on KDE Plasma. Elsewhere Qt 5 gets no suggestions, and Qt 6 hasn't been tried.
X11 apps	No suggestions. Typing is unaffected.
Terminals, passwords	Refused.

WHAT IT READS AND KEEPS

- While a text field has focus, the desktop hands LokalBot up to 4,000 bytes around the caret. In a password field, a terminal, an excluded app or one it can't name, that text is dropped unused and nothing is suggested.
- On Sway, Hyprland and KDE Plasma it sees your keys only while a suggestion shows. On GNOME it's asked about every key in a text field while it's your input source. Neither the keys nor the text are kept or logged.
- It stores only encrypted examples you accepted in identified documents, for 30 days, and estimated counts. Suggestions come from the local model or a server you approved. Full details are in `PRIVACY.md`.

LIMITS

- Using Fcitx or IBus for Chinese, Japanese or Korean? On Sway and Hyprland only one input method can run, so LokalBot steps aside. On GNOME you switch between input sources. On KDE Plasma, Virtual Keyboard holds one input method, so choosing LokalBot replaces Fcitx or IBus until you choose it again.
- Tried on headless Sway 1.9, GNOME Shell 46 and KWin 6.8 with stand-in suggestions, not on real desktops with a real model. Hyprland and Plasma 5 haven't been run.