How to use Japanese Input on KDE Plasma 6 with a Dvorak Keyboard Layout

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Background 背景

- I bought a mouse computer in Japan in 2023. Currently I have Debian 13 Trixie installed in English as the native language.

- I want to use Japanese input on KDE Plasma 6.

- I also want to input it with my dvorak keyboard layout without requiring me to fall back to qwerty typing for Japanese input.

- KDE Plasma 6.3.6

- KDE Frameworks 6.13.0

- QT Version 6.8.2

- Wayland

Info on the net is slightly off probably due to some udates to KDE and where things are found. After getting it to work as I want I will share my settings in case you are in the same situation I found myself in. If you use a regular qwerty keyboard layout it should be a bit easier for you by ignoring the Dvorak specific items. Just use your English(US) or English(UK) keyboard. This is not a comprehensive guide and you may have to set some Environment variables such as QT_IM_MODULE=fcitx5 or the like.

Setup 設定

- Run the command ″sudo apt list | grep fcitx5″ to see what is installed.

- Should have ″fcitx5″ & ″fcitx5-mozc″ installed, if not do it now.

    - Run ″sudo apt install fcitx5 fcitx5-mozc″.

- System Settings –> Input & Output –> Keyboard

    - Keyboard: English(US)–English(Dvorak). This is the dvorak variant of the US English keyboard layout.
    - Virtual Keyboard: Fcitx5

- System Settings –> Language & Time –> Input Method

    - Button: Add Input Method: Search for ″Mozc″ and add it
    - Mozc: Select the ″Select Layout″ icon
        * Language: Any Languge
        * Layout: English(US)
        * Variant: English(Dvorak)
    - Button: ″Configure global options″
        * Under Hotkey –> Trigger Input Method
        * Press the button to input new key combo of your choice or leave it at the default ″Control + Space″.
        * Press the Apply button at the bottom to save changes.

Now if you logout and login again, all the changes should be in effect. You can check in the ″Input Method″ Test Input field to see if it works first.