

KEY BORED

QWERTY

DVORAK

??WTF??



WHY

- I had nothing else to do one weekend
- I was cleaning my K120
- I am already slow at typing (it can't make me much slower)
- Curiosity
- I have not given a talk at plug for a while
- I often type one handed (Left + mouse)

THE USUAL SUSPECTS

- QWERTY (Literally designed to slow you down)
- DVORAK
- COLMAK
- CUSTOM?

https://oha-ohashi.github.io/2022_1/a_ortho/ortho_heat.html

I TYPE ONE HANDED

```
s=s.toLowerCase();tot={};o={e:{},t:{},a:{},i:{},' ':{},n:{},h:{},s:{},r:{},l:{},d:{}};

for(i=0;i<s.length-1;i++){l=s[i];n=s[i+1];o[l]?={};o[l][n]?=0;o[l][n]++;tot[l]?=0;tot[l]++;}

m={};for(i in o){t=o[i];n=Object.keys(t);n.sort((a,b)=>(t[b]-t[a])); m[i]=[n[0],n[1],n[2],n[3]] }
```

QZCOAIDW

XZMBLROKF/

_PGKETNMSV

VPTEANGUY;

_JFLHRUYBX

QWHIDSCJ,.



IMPLEMENTING A CUSTOM KEYMAP

- I Tried
- I Failed

END OF WEEKEND

THANK YOU

https://oha-ohashi.github.io/2022_1/a_ortho/ortho_heat.html

`/usr/share/X11/xkb`

<https://help.ubuntu.com/community/Custom%20keyboard%20layout%20definitions?action=show&redirect=Howto%3A+Custom+keyboard+layout+definitions>

BUT

AI

AND IT WORKED

<https://help.ubuntu.com/community/Custom%20keyboard%20layout%20definitions?action=show&redirect=Howto%3A+Custom+keyboard+layout+definitions>

Copy the symbols file

```
sudo cp ./symbols/custom /usr/share/X11/xkb/symbols/
```

Copy the configuration files

```
sudo cp ./rules/evdev.xml /usr/share/X11/xkb/rules/
```

```
sudo cp ./rules/evdev.lst /usr/share/X11/xkb/rules/
```

Refresh the keyboard cache

```
sudo dpkg-reconfigure xkb-data
```

GUI config

Click the buttons

reboot

Oct 5 17:54

en2

35%

Meld

Text Filters

[home] evdev.lst — [usr] evdev.lst

/home/.../rules/evdev.lst

/usr/.../rules/evdev.lst

rs

Serbian

lk

Sinhala (phonetic)

sk

Slovak

si

Slovenian

es

Spanish

latam

Spanish (Latin American)

ke

Swahili (Kenya)

tz

Swahili (Tanzania)

se

Swedish

tw

Taiwanese

tj

Tajik

th

Thai

bw

Tswana

tm

Turkmen

tr

Turkish

ua

Ukrainian

pk

Urdu (Pakistan)

uz

Uzbek

vn

Vietnamese

sn

Wolof

custom

A jedic-defined custom Layout

! variant

plisi

al: Albanian (Plisi)

veqilharxhi

al: Albanian (Veqilharxhi)

phonetic

am: Armenian (phonetic)

phonetic-alt

am: Armenian (alt. phonetic)

eastern

am: Armenian (eastern)

eastern-alt

am: Armenian (alt. eastern)

western

am: Armenian (western)

digits

ara: Arabic (Eastern Arabic numerals)

azerty

ara: Arabic (AZERTY)

azerty_digits

ara: Arabic (AZERTY, Eastern Arabic numerals)

buckwalter

ara: Arabic (Buckwalter)

mac

ara: Arabic (Macintosh)

mac-phonetic

ara: Arabic (Macintosh, phonetic)

olpc

ara: Arabic (OLPC)

ku

iq: Kurdish (Iraq, Latin Q)

ku_alt

iq: Kurdish (Iraq, Latin Alt-Q)

ku_f

iq: Kurdish (Iraq, F)

rs

Serbian

lk

Sinhala (phonetic)

sk

Slovak

si

Slovenian

es

Spanish

latam

Spanish (Latin American)

ke

Swahili (Kenya)

tz

Swahili (Tanzania)

se

Swedish

tw

Taiwanese

tj

Tajik

th

Thai

bw

Tswana

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olpc

ara: Arabic (OLPC)

ku

iq: Kurdish (Iraq, Latin Q)

ku_alt

iq: Kurdish (Iraq, Latin Alt-Q)

ku_f

iq: Kurdish (Iraq, F)

Display

Unicode (UTF-8)

Plain Text

Ln 1, Col 1

Display

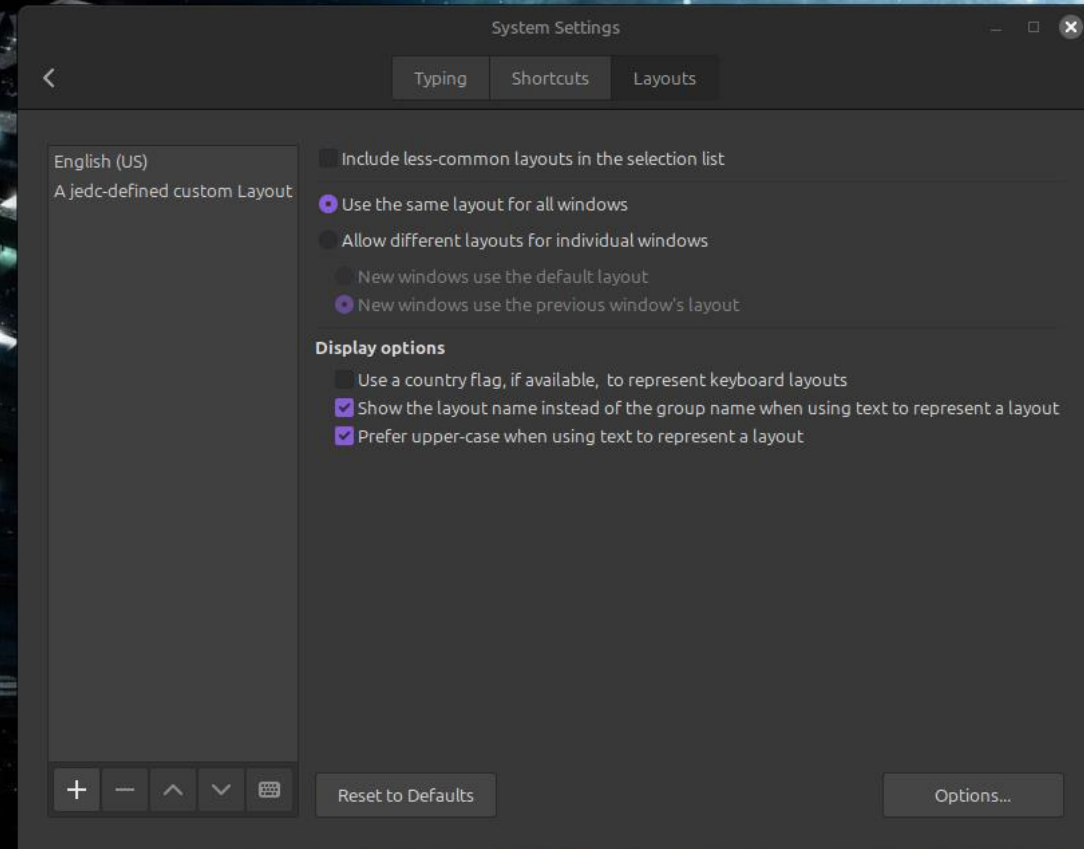
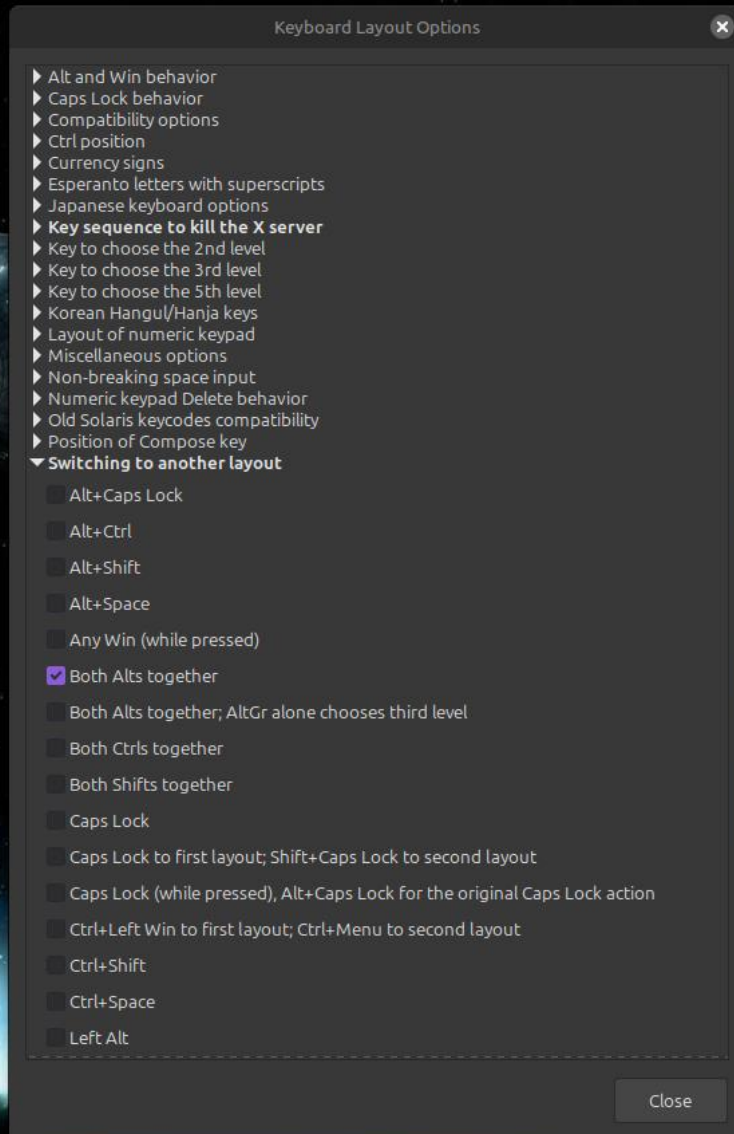
Unicode (UTF-8)

Plain Text

Ln 289, Col 1

```
<!-- ISO316610>FR</ISO316610>
</countryList>
</configItem>
</variant>
</variantList>
</layout>
<layout>
  <configItem>
    <name>sn</name>
    <!-- Keyboard indicator for Wolof layouts -->
    <shortDescription>wo</shortDescription>
    <description>Wolof</description>
    <countryList>
      <iso3166Id>SN</iso3166Id>
    </countryList>
    <languageList>
      <iso639Id>wol</iso639Id>
    </languageList>
  </configItem>
  <variantList/>
</layout>
<layout>
  <configItem>
    <name>custom</name>
    <shortDescription>jedc</shortDescription>
    <description>A jedc-defined custom Layout</description>
    <countryList>
      <iso3166Id>US</iso3166Id>
    </countryList>
    <languageList>
      <iso639Id>eng</iso639Id>
    </languageList>
  </configItem>
  <variantList/>
</layout>
</layoutList>
<optionList>
  <group allowMultipleSelection="true">
    <!-- The key combination used to switch between groups -->
    <configItem>
```

```
<!-- ISO316610>FR</ISO316610>
</countryList>
</configItem>
</variant>
</variantList>
</layout>
<layout>
  <configItem>
    <name>sn</name>
    <!-- Keyboard indicator for Wolof layouts -->
    <shortDescription>wo</shortDescription>
    <description>Wolof</description>
    <countryList>
      <iso3166Id>SN</iso3166Id>
    </countryList>
    <languageList>
      <iso639Id>wol</iso639Id>
    </languageList>
  </configItem>
  <variantList/>
</layout>
<layout>
  <configItem>
    <name>custom</name>
    <shortDescription>custom</shortDescription>
    <description>A user-defined custom Layout</description>
    <languageList>
      <iso639Id>und</iso639Id>
    </languageList>
  </configItem>
  <variantList/>
</layout>
</layoutList>
<optionList>
  <group allowMultipleSelection="true">
    <!-- The key combination used to switch between groups -->
    <configItem>
      <name>grp</name>
      <description>Switching to another layout</description>
    </configItem>
```



THANK YOU

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