

Róng Kít - Setup Linux

Note: The following tutorial refers to Debian and its derivatives running Gnome/X11. It will work in most other distributions as well, however, file paths may differ.

Preliminary steps

1. Install Universal Input Method (uim):

Terminal: `sudo apt-get install uim`

Do mark *uim* only for installation, required dependency packages will be installed as well.

2. Install OpenType format support (libotf0)

Terminal: `sudo apt-get install libotf0`

3. If you do not need it, remove Unifont. Some applications tend to default to this low resource font for Rónggríng, but it does not really look good.

Terminal: `sudo apt-get remove --auto-remove unifont`

Adding files and code

1. Open a window with root privileges (password required):

Terminal: `gksudo nautilus /usr/share`

2. Open the folder */usr/share/fonts/opentype*

If the folder does not exist, create a new folder inside *fonts* and name it *opentype* (all lowercase).

Drag the files *MainwaringRong.otf* and *DawaLepcha.otf* to the folder.

3. Change to the folder */usr/share/X11/xkb/symbols*

Drag the file *lep* to the folder.

4. Change to the folder */usr/share/X11/xkb/rules*

Open the file *evdev.xml* and search (CTRL+F) for *</layoutList>* i.e. the end of the layout list. Insert the following code just above the line *</layoutList>*:

```
<layout>
  <configItem>
    <name>lep</name>
    <shortDescription>lep</shortDescription>
    <description>Rong - Lepcha</description>
    <languageList><iso639Id>lep</iso639Id></languageList>
  </configItem>
</layout>
```

Save file and close.

5. Return to */usr/share* and search for a folder named *flags*. Use the magnifying glass search button of the top panel.

Open folder and drop the file *lep.png*.

6. Open your *Home* folder. Hit CTRL+H to make hidden files visible.

Drag the file *XCompose* to the folder and rename the file to *.XCompose* adding a period at the very beginning.

7. Still in your *Home* folder, open the file *.profile* and replace the present *export ... _IM_MODULE= ...* line(s) with the following code:

```
export GTK_IM_MODULE="uim"  
export QT_IM_MODULE="uim"
```

Save file and close all folders.

8. Refresh font cache

Terminal: `sudo fc-cache -f -v`

9. Restart your PC.

Activation

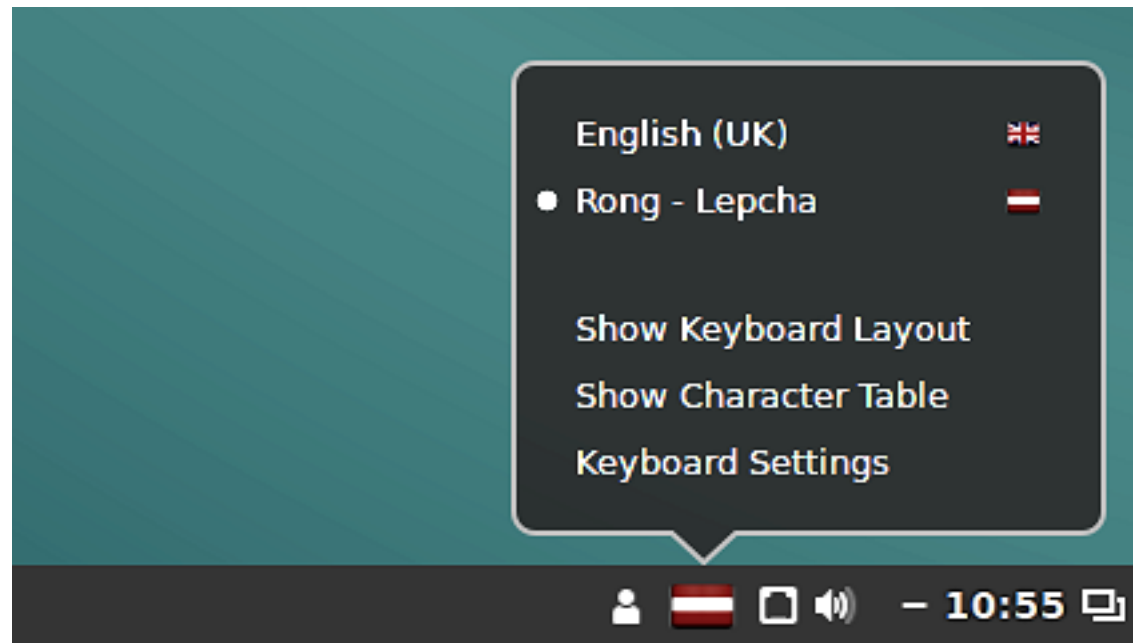
1. Open System Settings -> Keyboard -> Keyboard Layouts. Add the *Rong - Lepcha* layout.

2. Click the *Options* button.

Click the list item *Position of Compose key*.

Activate *Left Win* and *Right Win*.

Close System Settings.



Henceforth, you'll have a new applet in the tray permitting to switch from your usual keyboard layout to Rong - Lepcha input and back. Right-click on the new icon, choose *Configure ...* and tick *Use flags to display keyboard layouts*. Done.