

Steps

1) Locale installation:

Basic process:

- a) Remove the previous old one if exist
command: `rm -rf /usr/lib/locale/ne_NP`
- b) `cp /usr/share/i18n/charmaps/UTF-8.gz /tmp`
- c) `/bin/gunzip -d /tmp/UTF-8.gz`
- d) Download ne_NP from http://www.nepalinux.org/ldf/ne_NP
- e) `/usr/bin/localedef -i ne_NP -f /tmp/UTF-8 /usr/lib/locale/ne_NP`
- f) check by using `locale -a`

2) Fonts installation:

- a) Download samanata.ttf from <http://www.nepalinux.org/fonts/samanata.ttf>
- b) `mkdir -p /usr/share/fonts/default/npfonts`
- c) `cp -f samanata.ttf /usr/share/fonts/default/npfonts/`
- d) `fc-cache -f`
- e) `fc-list` to view installed fonts

3) Running Nepali Gnome:

If you are on runlevel 3

- a) `export LC_ALL=ne_NP` at root will change default locale for Nepali env.
- b) `startx` to see nepali Gnome

OR

If you are on runlevel 5

- 1) Edit `locale.aliases` of `gdm` folder
- 2) Add 'Nepali' `ne_NP`
- 3) Select Nepali on Languages select option of `gdm` login screen
- 4) Login to see Nepali Gnome

4) Input system:

A) `xkb`

Note: only for romanized input

- a) Download ne file from <http://www.nepalinux.org/input/ne>
- b) `cp -f files/ne /usr/X11R6/lib/X11/xkb/symbols/pc`
- c) `cp -f files/ne /usr/X11R6/lib/X11/xkb/symbols`
- d) Add the following lines on `/usr/X11R6/lib/X11/xkb/rules/xorg.xml`
or `/usr/X11R6/lib/X11/xkb/rules/xfree86.xml`

```
<layout>
<configItem>
<name>ne</name>
<description>Nepali_Romanized</description>
</configItem>
<variantList/>
</layout>
```

- e) Adding Nepali Roman keyboard utility in Gnome desktop bottom panel

On the bottom panel right

- 1) Right click the mouse
- 2) Click "Add to Panel"
- 3) Click "Keyboard indicator"
- 4) Click the "ADD" button
- 5) Right click the added icon
- 6) Click "Open keyboard preferences"
- 7) Click the "Layout" tab
- 8) Select "Nepali_Romanized" from available layouts
- 9) Click "ADD and Close"
- 10) Open Gedit and try to type, you will get Nepali characters

B) iiimf:

Note: Both traditional and romanized can be done

Download npkeybt.data and npkeybr.data from
<http://www.nepalinux.org/input/npkeybt.data> and
<http://www.nepalinux.org/input/npkeybr.data>

IIIMF in Debian:

For debian download following deb files from <http://www.debian.org>
iiimf-htt-csconv , iiimf-htt-le-indic, iiimf-htt-server, iiimf-htt-xbe, iiimgcf, libiiimcf2, libiiimp0

or simply you can try 'apt-get install iiimf*' if you have good Internet connection.

- 1) install using dpkg -i package name if you have download from debian site
- 2) mkdir -p /usr/lib/im/locale/UNIT/NEPALI/data
- 3) cp npkeybt.data /usr/lib/im/locale/UNIT/NEPALI/data
- 4) cp npkeybr.data /usr/lib/im/locale/UNIT/NEPALI/data
- 5) Add the following to /usr/lib/im/locale/UNIT/sysime.cfg

```
[ ne_NP ]
npkeybt common/ctim.so NEPALI
npkeybr common/ctim.so NEPALI
```

6) Start iiimf using, /etc/init.d/iiimf-htt-server start

7)Using iiimf:

```
Open xterm
export GTK_IM_MODULE=iiim gedit
Press ctrl +o
Press f5 and f6 to get Nepali traditional and romanized input.
```

IIIMF in FC3:

a)For fc3 download required packages from (<http://fedora.redhat.com>) or from fc3 DISC 3 CD.

iiimf-libs-12.1-4, iiimf-le-unit-12.1-4, iiimf-server-12.1-4, iiimf-gtk-12.1-4, iiimf-csconv-12.1-4,
iiimf-libs-devel-12.1-4, iiimf-gnome-im-switcher-12.1-4

- b) rpm -ivh iiim*
- c) mkdir -p /usr/lib/im/locale/UNIT/NEPALI/data
- d) cp npkeybt.data /usr/lib/im/locale/UNIT/NEPALI/data
- e) cp npkeybr.data /usr/lib/im/locale/UNIT/NEPALI/data
- f) Add the following to /usr/lib/im/locale/UNIT/sysime.cfg

```
[ ne_NP ]  
npkeybt common/ctim.so NEPALI  
npkeybr common/ctim.so NEPALI  
g)Start iiimf using, /etc/init.d/iiimf-htt-server start
```

g)Using iiimf:

```
# Adding keyboard utility in Gnome desktop bottom panel
```

On the button panel right

- 1) Right click the mouse
- 2) Click "Add to Panel"
- 3) Click "input method switcher"
- 4) Click the "ADD" button
- 5) Right click the added icon
- 6) Select unitle
- 7)Press f5 and f6 to get nepali traditional and romanized input.

OR

- 1) ln -s /etc/X11/xinit/xinput.d/iiimf /etc/alternatives/xinput-ne_NP
- 2) ln -s /etc/alternatives/xinput-ne_NP /etc/X11/xinit/xinput.d/ne_NP
- 3) Open gedit and press ctrl +o
- 4) Press f5 and f6 to get Nepali traditional and romanized input.