Help for installing TAMIL fonts:

I.A.   Downloading and installing font in Windows:

1. Click on "Download Tamil Font".
2. In the dialog box, Click on "Save" button.
3. Click on the folder button and change the folder to point to your desktop.
4. Click on "Save" again. The file "bapc___4.TTF" will be saved on the desktop. Do not change the file name of type. Do not change the folder.
5. Minimise your browser.
6. Click on "Start" in the left hand bottom corner of the windows status bar.
7. Click on Settings / Control Panel.
8. Click on "Fonts".
9. Click on "File" in the left top corner.
10. Click on "Install New Font".
11. Click on "c:" listed under "Drive" window.
12. Click on "c:" listed under "Folders" window.
13. Click on "Documents and Settings".
14. Click on the user name that you have used to log into your system.
15. Click on "Desktop"
16. All the font files available in your desktop will be displayed under "List of fonts" window.
17. Click on "Bamini(True Type)" and click "OK".

Tamil font has been successfully installed.

Refresh the web page and you will be able to see the tamil font.

I. B. Enabling Tamil entry in Webforms in Windows:

Go to Start – Control Settings – Regional Language Settings – Language – Details – Add.

Click on "Tamil" and click on "Okay".

Click on "Language Bar" and tick on "Show language bar in desktop".

Click "Okay".

Now in desktop click on "Tamil" to enable tamil and "English" to enable English.

III.   Downloading and installing font in LINUX:

A. Installing fonts in KDE desktop:

1) Click on the K MENU

2) Select CONTROL CENTER (Tools ->System Tools->Control Center)

3) In the window that comes up, click on SYSTEM ADMINISTRATION, then FONT INSTALLER

4) (If you want system-wide font installation, you will have to click ADMINISTRATOR MODE and provide the root password.)

5) Then, click ADD FONTS and browse to the font you wish to install. Select the font and click OPEN.

KDE installs the font. When finished, close the window.

B.Installing Fonts in Gnome desktop:

1)Open a Nautilus window -->type "fonts:///" [that should open your fonts folder]

2)Download TTF fonts from the internet.. and by the way fonts you are going to install need not be in rpm files alone, download any file which has a .ttf extension, if its in a zip file unzip it.

3)Open another Nautilus window -->browse to the directory where you have unzipped the .ttf files.

4)Drag and drop them into the other Nautilus window [fonts:///] you have opened earlier (Step 1).
You wont see the dropped files immediately in nautilus**

5)After you have finished pasting the .ttf files , open your home directory to see all the files are there in .fonts directory in home folder [ie. /root/.fonts or. /home/ur_name/.fonts].

6)Log-out and log back in.

7)Check the Menu -->Preferences -->font [You should see all the newly installed fonts].

C.Install and configure TrueType fonts in Linux Command Mode:

Uncompress the downloaded font archive to a directory and add it to the font path, a list of directories containing fonts:

1. Download the font from Internet to <your_directory>

2. Create a directory for new fonts, if it is not there

   ```
   # mkdir /usr/share/fonts/truetype
   ```

3. Copy the downloaded font file from <your_directory> to the above font directory

   ```
   # mv <your_directory>/*.ttf /usr/share/fonts/truetype
   ```

4. Navigate to the font directory

   ```
   # cd /usr/share/fonts/truetype
   ```

5. Create `fonts.scale` and `fonts.dir`

   ```
   # mkfontscale && mkfontdir
   # fc-cache
   ```

If you do not have root access, copy the `*.ttf` to `~/.fonts` directory instead.

D. Enabling Tamil entry in Web forms in LINUX: in KDE:

Click on **Kmenu**
go to **Control Center**
go to **Regional & Accessibility**
go to **Keyboard Layout**
Enable Keyboard Layout
choose **Language** and **Add** it to Active Layouts
click **Apply**
language flag will appear on your panel (just like in Windows).
click on it, choose your language, and you are ready to type

in Gnome:
Changing the language support using Gnome

To change the language support:

1. Go to **System**, then go to **Administration**, and click **Language Support**
2. When prompted type in your administrator password
3. Under **Supported Languages**, check off which language you want Gnome to support using the menu.
4. Next, under **Default Language**, use the drop-down menu to select which dialect to

use
5. Check E**nable support to enter complex characters** if you want Gnome to use the characters from that language when reading and typing
6. Click **Apply** to set changes and then click **Close**

E. Making Tamil display proper in Redhat Linux:

Make an entry in /etc/environment as MOZ_ENABLE_PANGO=1. Reboot. Firefox is displaying tamil fonts.
or to check if we type in hash prompt
MOZ_ENABLE_PANGO=1 firefox
it works fine.

F. Enabling Tamil entry in Webforms in LINUX:

Follow the procedure for installing the tamil font (Lohit) as given in earlier emails.

You must be able to see the tamil material displayed properly before proceeding to enter data in Tamil (unicode).

This works well in Redhat5.0

Login as root user

1) Click on System
2) Click on Preferences
3) Click on Keyboard
4) Click on Layouts
5) Click on ADD and click on India / Click on "Tamil" and other Tamil keyboard layouts will be displayed. Choose "Tamil typewriter keyboard".
6) Click on Accessibility / Filters and put a check on "Enable Toggle Keys".
7) Click on "Okay"

Please logout and login again.

Now to shift between English (US) and Tamil(Unicode) you have to press Ctrl+Shift. This is a toggle key. If already English(US) is chosen, when you press Ctrl+Shift system will allow you to enter data in Tamil(Unicode). When you press Ctrl+Shift again the entry will revert to English(US).