

Simos Xenitellis (cf. <http://simos.info/>,
<http://ubuntuforums.org/showthread.php?t=188761&page=4>)

sent these instructions (modifications in German by Ernst Tremel)

1. Add **avestan.txt** (it is included in "Ahuramazda-Avestan-Font-1.0.zip")

at the end of /usr/share/X11/xkb/symbols/ir

```
sudo gedit /usr/share/X11/xkb/symbols/ir
```

in order to open (as administrator) the 'ir' layout, and paste the contents of avestan.txt at the end of the 'ir' file. Click Save and exit.

2. Register the new 'avestan' layout in evdev.xml and base.xml.

Both files have a section that looks like the following. Do a simple search for 'ku_ara' or some other string in order to find the segment.

Code:

```
<variant>
  <configItem>
    <name>ku_ara</name>
    <description>Kurdish, Arabic-Latin</description>
    <languageList><iso639Id>kur</iso639Id></languageList>
  </configItem>
</variant>
-----HERE-----
</variantList>
</layout>
<layout>
  <configItem>
    <name>iq</name>
    <shortDescription>Irq</shortDescription>
    <description>Iraq</description>
    <languageList><iso639Id>ara</iso639Id>
                  <iso639Id>kur</iso639Id></languageList>
  </configItem>
```

Open base.xml with

```
sudo gedit /usr/share/X11/xkb/rules/base.xml
```

Then open evdev.xml with

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

Replace the '-----HERE-----' with the following lines:

```
<variant>
<configItem>
<name>avestan</name>
<description>Avestan</description>
<languageList><iso639Id>ae</iso639Id></languageList>
```

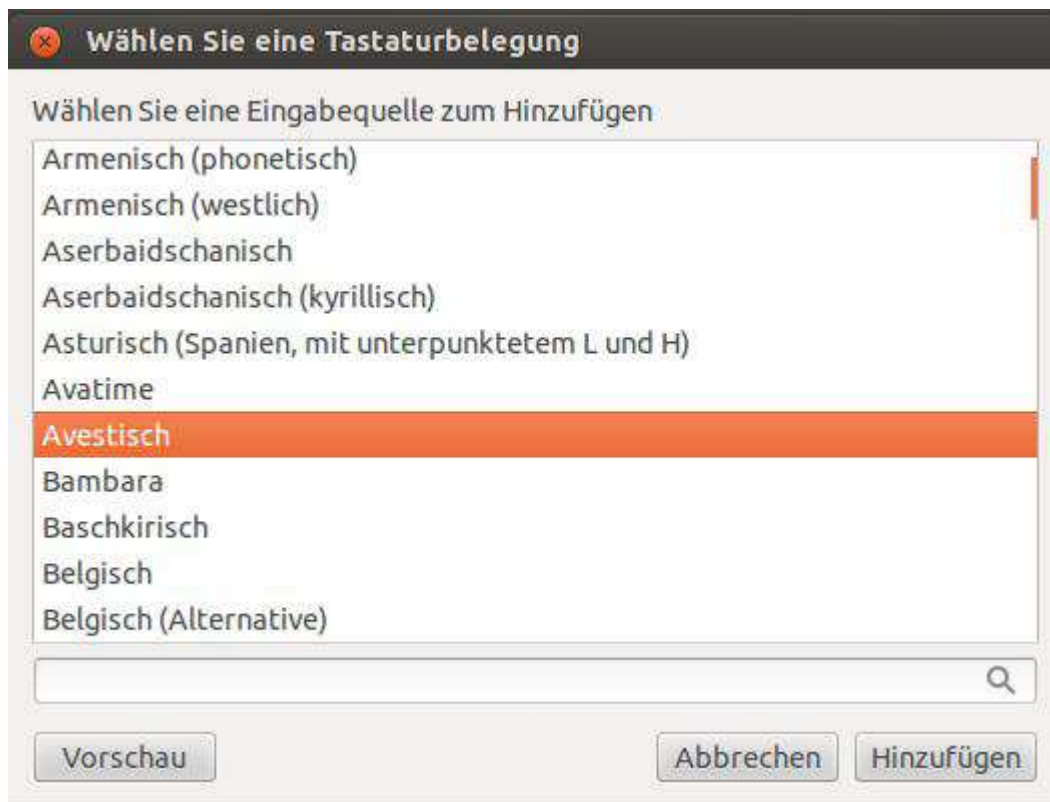
</configItem>
</variant>

What we do here is we insert a variant description for the 'avestan' keyboard layout.

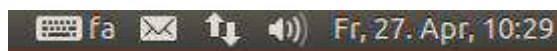
Click Save and exit the text edit.

3. Install the font. Follow the steps from <http://www.bomahy.nl/hylke/blog/adding-fonts-in-gnome/> which says to install the font in your home directory, in a '.fonts' subdirectory. Normally, Ubuntu will pick up the font as soon as you copy it in there. Any newly started application should be able to use the new font.

4. Finally, add the new Avestan keyboard layout. Go to System/Preferences/Keyboard/Layouts, click on the [Add..] button and select from the list 'Avestan' or 'Avestisch'. Click "Hinzufügen".



Notice the new keyboard layout indicator is "fa"



on the panel that allows you to switch between English and Avestan.

Avestan is written from right to the left.

The **selected font** has to be "Ahuramazda"