

# How to make Gentoo speak your language and show local characters correctly

*v2.0.4 (en), xiando,*

How to localize Gentoo Linux. Examples for Norwegian, Danish and Swedish configurations.

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# 1. Console

Edit `/etc/rc.conf` and choose:

## 1.1. Norwegian

```
KEYMAP="no-latin1"  
CONSOLEFONT="lat0-16"
```

The Norwegian keyboard-layout file `no-latin1.map` has a bug that causes the DEL key to send Backspace, not Del as expected. This can be fixed by editing the file like this:

- Unpack the file `no-latin1.map.gz`
  - ◆ `gunzip`  
`/usr/share/keymaps/i386/qwerty/no-latin1.map.gz`  
- Place a # in front of the line `plain keycode 111 = Delete # "Remove" originally, weird... to disable it by commenting it.`
  - ◆ `nano -w`  
`/usr/share/keymaps/i386/qwerty/no-latin1.map`
- Compress the file again: `gzip`  
`/usr/share/keymaps/i386/qwerty/no-latin1.map`

*The information in this section was provided by [Internet Service Design](#).*

## 1.2. Swedish

```
KEYMAP="sv-latin1"  
CONSOLEFONT="lat0-16"
```

## 1.3. Danish

```
KEYMAP="dk-latin1"  
CONSOLEFONT="lat0-16"
```

## 1.4. Icelandic

```
KEYMAP="is-latin1"  
CONSOLEFONT="cp850-8x16"  
CONSOLETRANSLATION="8859-1_to_uni"
```

## 1.5. Polish

```
KEYMAP="pl"  
CONSOLEFONT="lat2-16"
```

## 1.6. Belgian

```
KEYMAP="be-latin1"  
CONSOLEFONT="lat0-16"
```

## 1.7. Brazilian

```
KEYMAP="br-abnt2"  
CONSOLEFONT="lat9w-16"
```

## 1.8. Canadian French

```
KEYMAP="cf"  
CONSOLEFONT="default8x16"  
CONSOLETRANSLATION="8859-1_to_uni"
```

## 1.9. German

```
KEYMAP="de-latin1"  
CONSOLEFONT="lat9w-16"
```

## 1.10. French

```
KEYMAP="fr-latin1"  
CONSOLEFONT="lat9w-16"
```

## 1.11. Spanish

```
KEYMAP="es euro2"  
CONSOLEFONT="lat0-16"
```

**KEYMAP** configures your keyboard, **CONSOLEFONT** makes sure local chars are displayed correct.

## 2. KDE

Use the variable `LINGUAS=` to choose what languages you want and install `kde-i18n` for local language support in KDE:

```
LINGUAS="nb nn se da pl pt_BR de es" emerge  
kde-i18n
```

## 3. XFree

Edit /etc/X11/XF86Config (or the configuration file you are using). Find:

```
Section "InputDevice"  
    Identifier "Keyboard0"
```

And add:

### 3.1. Norwegian

```
Option "XkbLayout" "no"
```

### 3.2. Swedish

```
Option "XkbLayout" "se"
```

### 3.3. Danish

```
Option "XkbLayout" "dk"
```

### 3.4. Icelandic

```
Option "XkbLayout" "is"
```

## 3.5. Polish

```
Option "XkbLayout" "pl"
```

## 3.6. Belgian

```
Option "XkbLayout" "be-latin1"
```

## 3.7. Brazilian

```
Option "XkbLayout" "br-abnt2"
```

## 3.8. Canadian French

```
Option "XkbLayout" "ca_enhanced"
```

## 3.9. German

```
Option "XkbLayout" "de"
```

## 3.10. French

```
Option "XkbLayout" "fr"
```

## 3.11. Spanish

```
Option "XkbLayout"      "es" -> para teclado en español
```

```
Option "XkbLayout"      "la" -> para teclado latinoamericano
```

**This gives you local chars on the keyboard in XFree (and/or Xorg).**

This gives you local chars on the keyboard in XFree and/or Xorg.

# 4. Profiler

Some variables will identify what language you want common applications to use.

Edit

- `/etc/profile`  
  
and/or (to set the locale on a pr. user basis)
- `~/.profile`
- `~/.bashrc`

and add

## 4.1. Norwegian

```
export LC_ALL="no_NO;nb_NO"
```

## 4.2. Swedish

```
export LC_ALL="sv_SE"
```

## 4.3. Danish

```
export LC_ALL="da_DK"
```

This makes the programs, if translated, speak your language.

# 5. Dictionaries

Norwegian, Swedish and Danish spelling dictionaries are in Portage:

```
emerge aspell-no aspell-sv ispell-sv aspell-da ispell-da
```

You probably also want to install English (aspell-en), German (aspell-de) and French (aspell-fr).

## 6. OpenOffice.org

OpenOffice can be installed in many different languages, among them:

ENUS	US English (default)
PORT	Portuguese
RUSS	Russian
GREEK	Greek
DTCH	Dutch
FREN	French
SPAN	Spanish
FINN	Finnish
CAT	Catalan
ITAL	Italian
CZECH	Czech
SLOVAK	Slovak
DAN	Danish
SWED	Swedish
POL	Polish ( <a href="http://openoffice.com.pl">openoffice.com.pl</a> )
GER	German
PORTBR	Portuguese brazilian
THAI	Thai
ESTONIAN	Estonian
JAPN	Japanese
KOREAN	Korean
CHINSIM	Simplified Chinese (PRC)

CHINTRAD Traditional Chinese (taiwan)

TURK Turkish

HINDI Hindi

ARAB Arabic

HEBREW Hebrew

To install OpenOffice in Swedish:

```
LANGUAGE=SWED emerge openoffice
```

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