



Ubersmix 2.1L KoC Morocco 2014 Installation Guide

Background

Two computer labs will be installed by [Kids on Computers](http://www.kidsoncomputers.org) in Morocco in October 2014. These labs will use Open Source Software on donated laptops and low-cost desktop computers. Ubersmix 2.1L (<http://www.ubermix.org>) is a feature-rich distribution of Linux that has been selected for use in these labs. Kids on Computers has customized the standard Ubersmix 2.1L installation image to include **language packs** (French and Arabic) and **additional applications** (Edubuntu Suite) for use in Morocco. The result of this customization is a new USB key image: **ubermix-2.1L-koc-morocco-2014**

Preparing Installation Media

You need: 8GB+ USB drive, Blank CD-R

Download from <http://www.kidsoncomputers.org/data/projects/Morocco2014/> :

uber-v2-32-install.iso (Generic Ubersmix CD Image. ~ 200MB)

ubermix-2.1L-koc-morocco-2014-RC1.img (Customized Ubersmix install key: ~7.5GB)

(The .iso file and blank CD are optional, if the hardware you are installing will boot from USB.)

Burn the .iso file to the blank CD following instructions "Burn your CD" here: <http://www.ubuntu.com/download/ubuntu/download>

Create a USB Key from the .img file following instructions here: <http://ubermix.org/download.html>

Installation on Laptop or Desktop

Try booting directly from USB. If that doesn't work, boot from the CD while the USB is also present. You should be prompted with a screen that offers 5 choices. Do #1 - basic install. Takes about 5-10 minutes.

Booting and using Ubersmix

- You will see edubuntu splash screen during startup, but that is just because the whole Edubuntu Suite is installed
- On first boot, it will ask for a password: "password". After that, it shouldn't ask for passwords anymore. If you need to do "sudo ..." for anything, the password is "password".
- The image is setup to boot initially in French. To change to a different language, click on Activities, then type Language. Open the language app and drag the desired language to the top. Click Apply System Wide, then Close. Then Reboot.
- Regional settings can also be changed from the Language app.
- Alternate keyboard layouts are also installed. Use the layout icon in the top bar (it may say "en" or "fr").
- If something goes wrong with a laptop (e.g. someone deletes important apps, or breaks some configuration), you can restore Ubersmix to the original state. Do this by restarting the computer, press Esc during the "3, 2, 1" countdown, then choose "Restore Factory Settings". Follow prompts.

For more information about Ubersmix, see: <http://ubermix.org/basics.html>

Create Another USB Key

Instructions for Mac, Windows, and Linux are here:

<http://ubermix.org/download.html>

Linux commands. NOTE - Be sure to use correct device name /dev/sdX:

Create .img file from USB Key (takes up to 1 hour):

```
dd if=/dev/sdb of=ubermix-2.1L-koc-morocco-2014-RC1.img
```

Create new USB Key from .img file (takes up to 1 hour):

```
dd if=ubermix-2.1L-koc-morocco-2014-RC1.img of=/dev/sdb
```