

CREATING A BOOTABLE USB DISK

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Information

- For this you will need at least a 2 GB USB thumbdrive (but bigger is better) because then you can have a larger persistent file size and more space for the home directories. The persistent file is casper and is used to store any programs and plugins that you install (such as Adobe flash), and network passwords, etc. In the process of preparing for this presentation, I first tried using a 4 GB thumb drive with a 2 GB Casper file, but when I went to apply updates to Ubuntu, it ran out of disk space. So I tried a 8 GB thumbdrive with a 4 GB Casper file. It worked! If you have files on the USB thumbdrive, be sure to back them up because the programs used to create the live Linux USB thumbdrive will format it. If you use a larger USB thumbdrive, you have more room for the user directories and a larger persistent file.

Select the distro to use

- Ubuntu 11.04, which I downloaded from <http://www.ubuntu.com/download/ubuntu/download> is one of the supported distros and is the one I used. For a list of all supported distros, please see <http://live.learnfree.eu/support>
- Download the linux distro you want to create a usb drive of (not required but will be faster if the file is already on the computer instead of letting the program download linux from the internet while it is making the usb drive). It is suggested to use the 32 bit version instead of the 64 bit version because some tools don't yet have 64 bit versions.

Download program that will make the live USB drive

- Download the program that will make the usb, which is [live-usb-install-2.2.8.exe](#) for Windows and [live-usb-install-2.2.8-all.deb](#) for a deb package. There is also [live-usb-install-2.2.8.tar.gz](#).
- <http://live.learnfree.eu/download>
- for Ubuntu, Debian and other apt-based distributions there is a repository, providing automatic updates:
<http://download.learnfree.eu/repository/skss/>

Select the distro used and
browse to iso image

Select distro, where to install,
and persistent file size and
click ok

Program extracts files needed
from iso

Program creates casper file

And it is done! Reboot, and
enter password for the
persistent casper file