

SLAX

Creating a Bootable USB Linux System



You will learn:

- What an .ISO file is
- How to use USB booting software
- How to boot up Slax operating system
- Download and install additional slax modules



Required Tools

- USB flash memory (size dependent on .ISO)
- Linux .ISO of choice (Slax)
- .ISO booting software (UnetBootin)
- Optional: Modules (.Izm)



What is an ISO?

- An .ISO is a virtual image of a cd or dvd
- Think of it as a “picture” of a disc
- ISO stands for International Organization Of Standardization



Downloading the Slax ISO

- http://www.slax.org/get_slax.php
- Select the ISO version to download
- For easier use, after downloaded, place ISO on desktop



http://www.slax.org/get_slax.php

Firefox

www.slax.org/get_slax.php

Slax: get slax

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get slax

modules


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Get Slax

 You can get Slax from this website in several formats. Slax for CD is distributed as an ISO image. Burn it to a CD using a special menu option in your burning software, it's usually labeled 'burn CD iso image'. Slax for USB is distributed as a TAR archive. Simply unzip it to your USB device and run bootinst.bat (or bootinst.sh) to make it bootable.

200MB [iso](#)  [download Slax for CD](#) v 6.1.2 [[mirror](#) | [md5](#)]

200MB [tar](#)  [download Slax for USB](#) v 6.1.2 [[mirror](#) | [md5](#)]

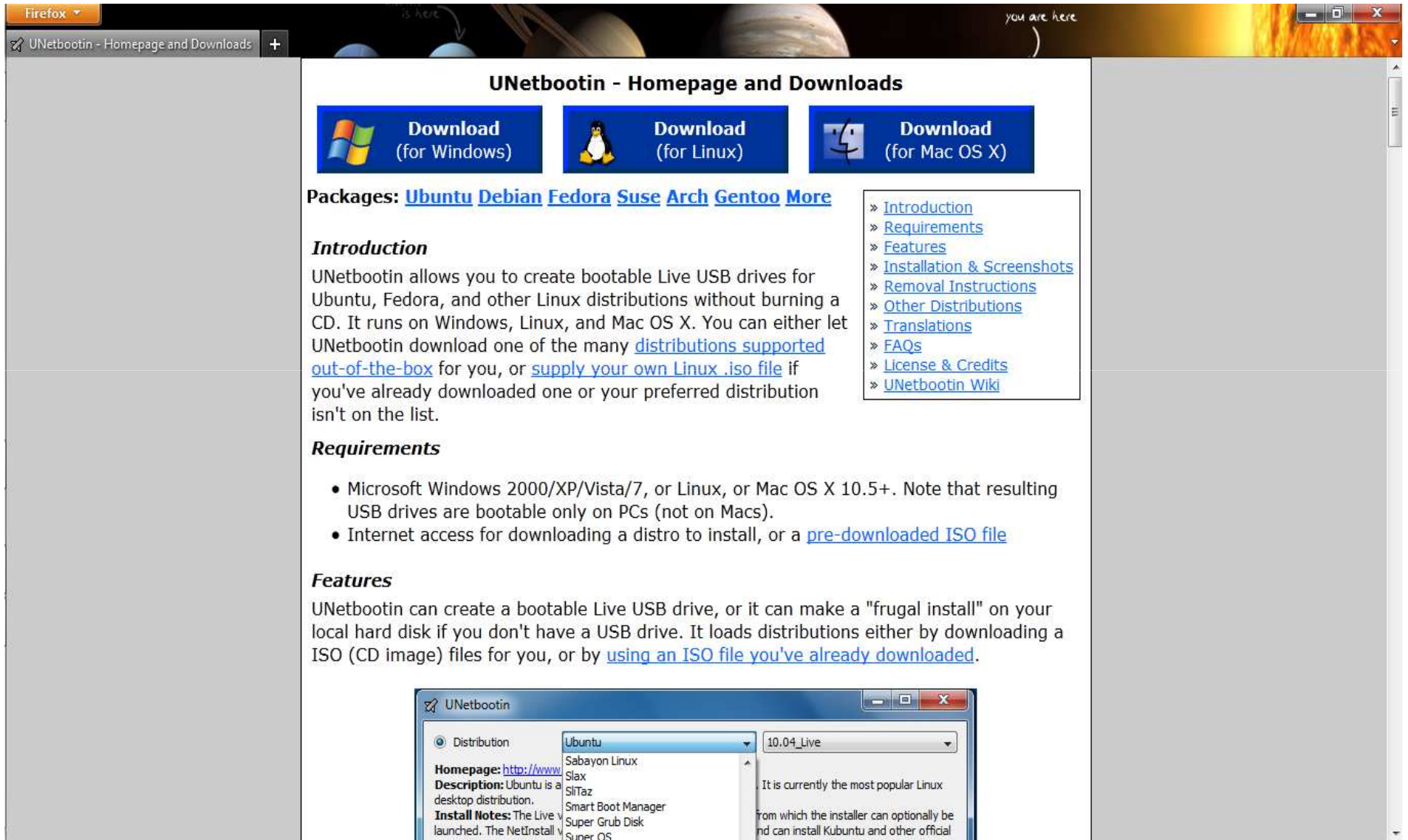
2 779 985 total downloads, and counting!
Alternative download provided by [Speedy Mirror CDN](#)

UnetBootin


- Allows you to create bootable Live USB drives for Linux distributions (distros)
- Easy to use
- Freeware
- Download at:
<http://unetbootin.sourceforge.net/>





http://unetbootin.sourceforge.net/



UNetbootin - Homepage and Downloads

 **Download**
(for Windows)

 **Download**
(for Linux)

 **Download**
(for Mac OS X)

Packages: [Ubuntu](#) [Debian](#) [Fedora](#) [Suse](#) [Arch](#) [Gentoo](#) [More](#)

Introduction

UNetbootin allows you to create bootable Live USB drives for Ubuntu, Fedora, and other Linux distributions without burning a CD. It runs on Windows, Linux, and Mac OS X. You can either let UNetbootin download one of the many [distributions supported out-of-the-box](#) for you, or [supply your own Linux .iso file](#) if you've already downloaded one or your preferred distribution isn't on the list.

Requirements

- Microsoft Windows 2000/XP/Vista/7, or Linux, or Mac OS X 10.5+. Note that resulting USB drives are bootable only on PCs (not on Macs).
- Internet access for downloading a distro to install, or a [pre-downloaded ISO file](#)

Features

UNetbootin can create a bootable Live USB drive, or it can make a "frugal install" on your local hard disk if you don't have a USB drive. It loads distributions either by downloading a ISO (CD image) files for you, or by [using an ISO file you've already downloaded](#).

Navigation Links:

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- » [FAQs](#)
- » [License & Credits](#)
- » [UNetbootin Wiki](#)

UNetbootin Application Window:

Distribution: **Ubuntu** (10.04_Live)

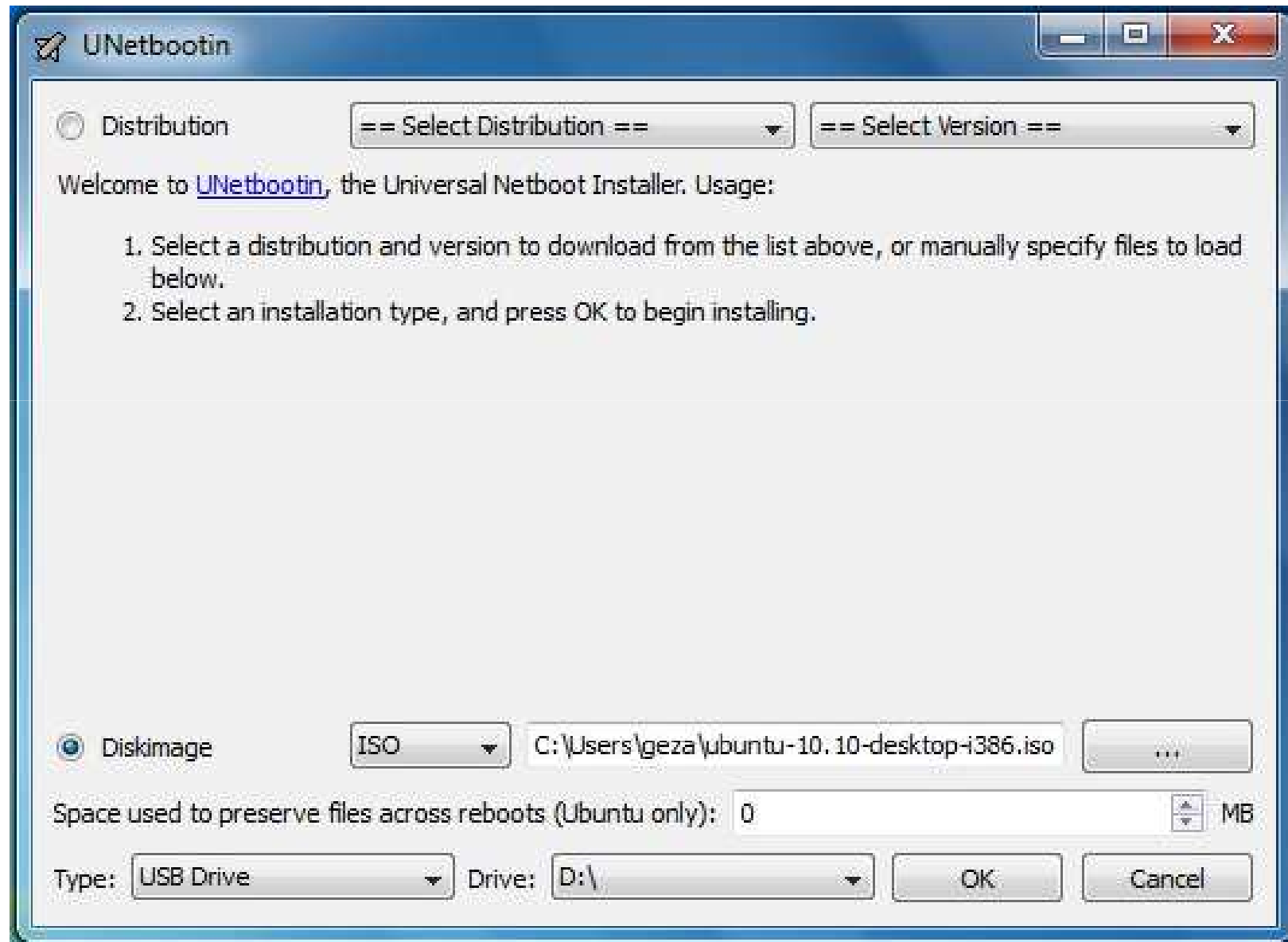
Homepage: <http://www.ubuntu.com>

Description: Ubuntu is a desktop distribution.

Install Notes: The Live v... launched. The NetInstall v...

It is currently the most popular Linux from which the installer can optionally be and can install Kubuntu and other official

UnetBootin Interface



Necessary Precautions

- Make sure the USB is **EMPTY** or **BACKED UP**
- Unetbootin will **REFORMAT** the drive before execution
- Ensure the **PROPER** drive is selected when choosing

Slax Modules

- Modules are additional pieces of software that can be added to Slax
- Slax modules are associated with the .lzm file type
- Can be directly placed in Slax's Modules directory

<http://www.slax.org/modules.php>

http://www.slax.org/modules.php
















Firefox


Slax modules: your pocket operating sys... +

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Slax modules

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 games 150 items	 editors 115 items	 multimedia 254 items
 network 465 items	 security 117 items	 system 424 items
 develop 281 items	 drivers 194 items	 multilang 115 items
 console 220 items	 libraries 675 items	 utilities 441 items



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- Now that the theory is done
- Time to create a bootable USB (Slax) system