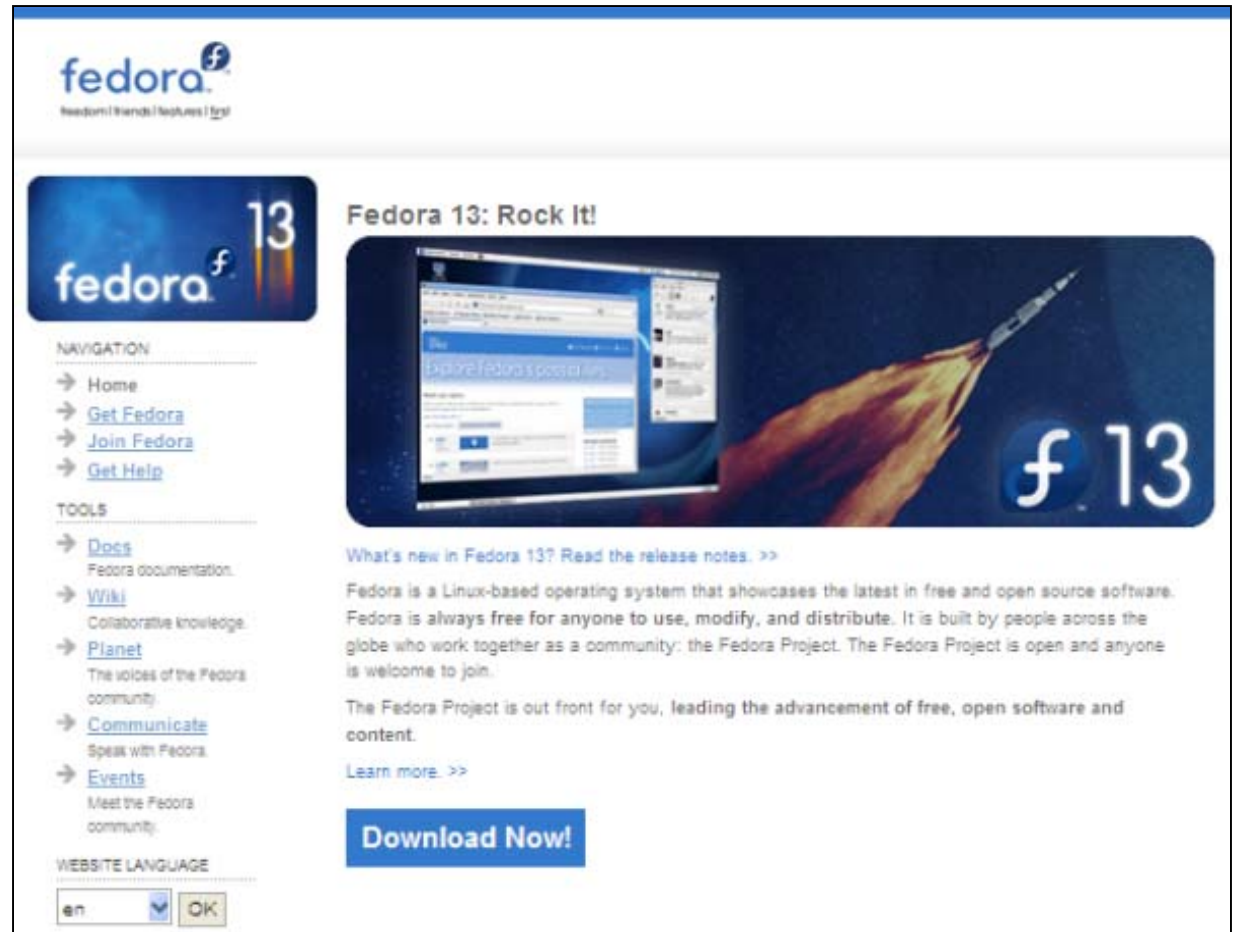


Creating a Fedora Bootable Flash Drive

July 2, 2010

Fedora Homepage

We can download the most current version of Fedora Linux by visiting their homepage at www.fedoraproject.org. We then select the Download Now button.



The screenshot shows the Fedora 13 homepage. At the top left is the Fedora logo with the tagline "Freedom | Friends | Features | First". Below it is a navigation menu with links for Home, Get Fedora, Join Fedora, and Get Help. There are also links for Docs, Wiki, Planet, Communicate, and Events. At the bottom left, there is a language selector set to "en" and an "OK" button. The main content area features a large banner for "Fedora 13: Rock It!" with a rocket launching a laptop. Below the banner is a "Download Now!" button.

fedora^f
Freedom | Friends | Features | First

fedora^f 13

NAVIGATION

- Home
- [Get Fedora](#)
- [Join Fedora](#)
- [Get Help](#)

TOOLS

- [Docs](#)
Fedora documentation.
- [Wiki](#)
Collaborative knowledge.
- [Planet](#)
The voices of the Fedora community
- [Communicate](#)
Speak with Fedora.
- [Events](#)
Meet the Fedora community.

WEBSITE LANGUAGE

en

Fedora 13: Rock It!

What's new in Fedora 13? [Read the release notes.](#) >>

Fedora is a Linux-based operating system that showcases the latest in free and open source software. Fedora is always free for anyone to use, modify, and distribute. It is built by people across the globe who work together as a community: the Fedora Project. The Fedora Project is open and anyone is welcome to join.

The Fedora Project is out front for you, leading the advancement of free, open software and content.

[Learn more.](#) >>

[Download Now!](#)

Download Fedora

We can download the Fedora operating system to our desktop and burn it to a CD. However, in this lesson, we will make a bootable USB flash drive with the Fedora operating system on it.

The screenshot shows the Fedora 13 Desktop Edition download page. At the top left is the Fedora logo with the tagline "freedom | friends | features | first". Below it is a navigation menu with links for Home, Get Fedora, Join Fedora, and Get Help. There are also sections for Tools (Docs, Wiki, Planet, Communicate, Events) and Website Language (set to en). The main content area features a large "Download Now!" button and a description of the Fedora 13 Desktop Edition. To the right, there are sections for "WHAT WILL I NEED?" and "WHAT DO I DO?".

fedora
freedom | friends | features | first

fedora 13

Download Fedora

Fedora 13 Desktop Edition *Installable Live CD*

This is the latest version of the Fedora Linux operating system's Desktop Edition. It's everything you need to try out Fedora—you don't have to erase anything on your current system to try it out, and it won't put your files at risk. Take Fedora for a test drive, and if you like it, you can install Fedora directly to your hard drive straight from the Live Media desktop if you like.

Download Now!

675 MB, ISO format image for Intel-compatible PCs (32-bit)
[More download options...](#)

Need to upgrade Fedora?
Live Media can't be used to upgrade Fedora installations. Instead, you can upgrade Fedora right from your desktop. Do this by using Preupgrade - it will install the packages you need and upgrade your version of Fedora.
[Learn more about upgrading Fedora...](#)

Other Options

- **Formats:** DVD ISOs, Physical Media
- **Architectures:** 32-bit, 64-bit, and others
- **Desktops:** KDE, XFCE, GNOME, and others
- **Spins:** Electronics Lab, Education, and others

[View more Fedora options...](#)

WHAT WILL I NEED?

- ✓ A blank CD or DVD or a blank 1GB+ USB stick.
- ✓ A 400 MHz or faster processor
- ✓ At least 512 MB memory (RAM), 1 GB recommended for best performance
- ✓ At least 10 GB hard drive space (only required for installation)

WHAT DO I DO?

- ✓ First, download a Fedora ISO image.
- ✓ To install Fedora using a USB stick, [follow these instructions](#).
- ✓ To install Fedora using a blank CD or DVD, [follow these instructions](#).

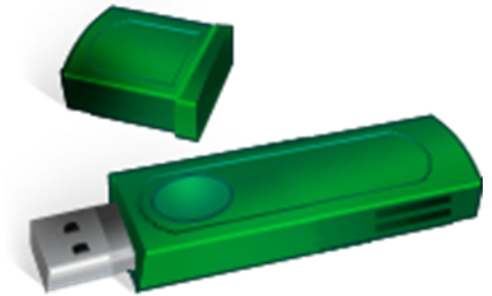
HANDY RESOURCES

Obtaining a Flash Drive

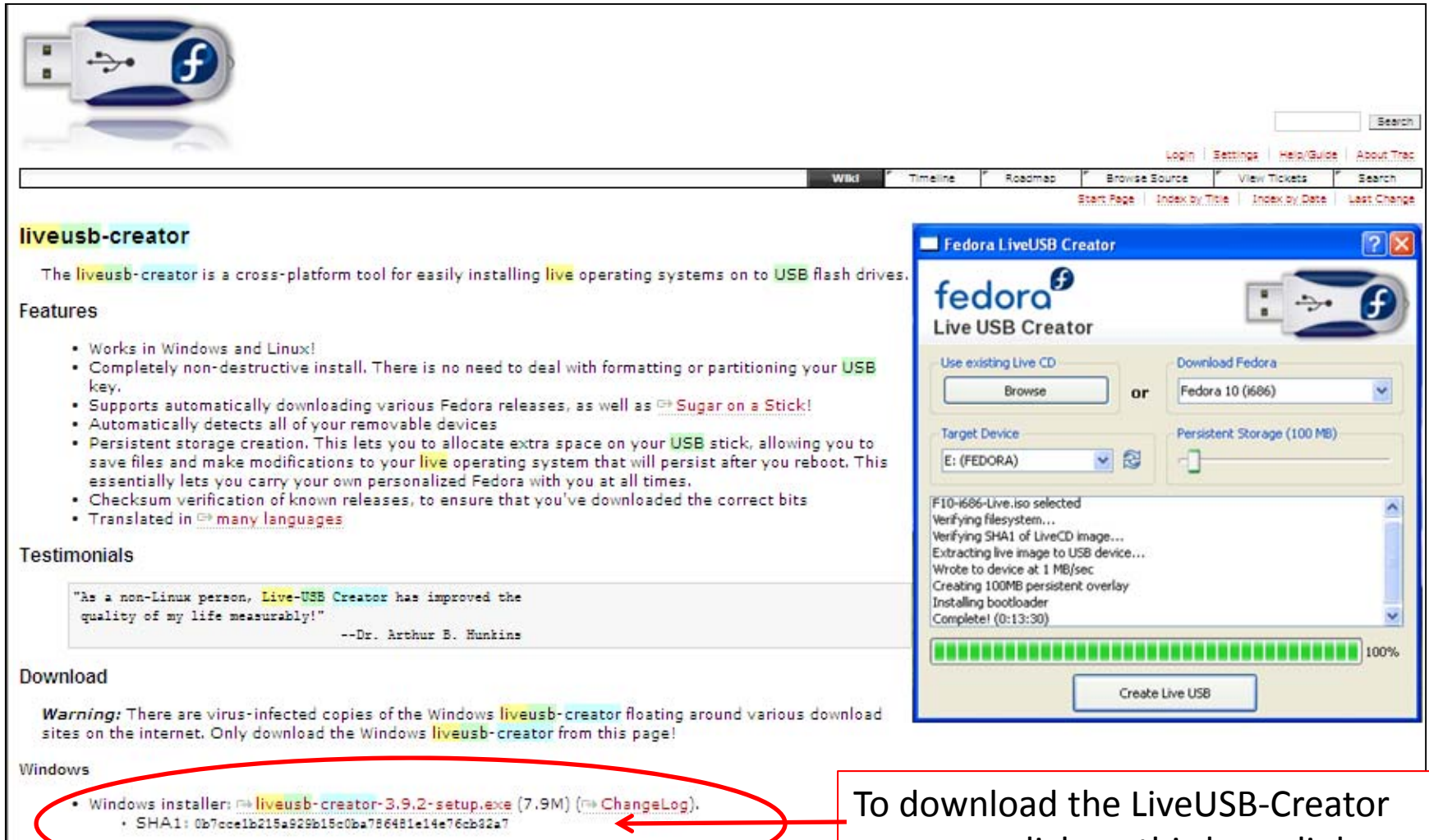
We can go ahead and download the Fedora ISO file to our computer, and then we can create a bootable Fedora flash drive.

We need at least a 1 gigabyte flash drive and we will want to plug the flash drive into a USB port on the computer we will download Fedora.

To make the flash drive bootable, we will first load a program called LiveUSB-Creator. We can locate the program at <https://fedorahosted.org/liveusb-creator/>.



Liveusb-creator at fedorahosted.org



The screenshot shows the Fedora LiveUSB Creator website on fedorahosted.org. The page features a navigation bar with links like 'Wiki', 'Timeline', 'Roadmap', 'Browse Source', 'View Tickets', and 'Search'. The main content area is titled 'liveusb-creator' and describes it as a cross-platform tool for installing live operating systems on USB flash drives. It lists several features, including support for Windows and Linux, non-destructive installation, automatic downloading of Fedora releases, and persistent storage creation. A testimonial from Dr. Arthur B. Hunkins is also present. The 'Download' section includes a warning about virus-infected copies and provides a link to the Windows installer. The 'Windows' section lists the installer file: 'liveusb-creator-3.9.2-setup.exe (7.9M) (ChangeLog)'. A red circle highlights this link, and a red arrow points from a text box to it. The text box contains the instruction: 'To download the LiveUSB-Creator program, click on this hyperlink.' To the right of the text is a screenshot of the Fedora LiveUSB Creator application interface, which shows options for using an existing Live CD or downloading Fedora 10 (i686), selecting a target device (E: (FEDORA)), and setting persistent storage (100 MB). The application status shows 'F10-i686-Live.iso selected' and a progress bar at 100%.

liveusb-creator

The **liveusb-creator** is a cross-platform tool for easily installing **live** operating systems on to **USB** flash drives.

Features

- Works in Windows and Linux!
- Completely non-destructive install. There is no need to deal with formatting or partitioning your **USB** key.
- Supports automatically downloading various Fedora releases, as well as [Sugar on a Stick!](#)
- Automatically detects all of your removable devices
- Persistent storage creation. This lets you to allocate extra space on your **USB** stick, allowing you to save files and make modifications to your **live** operating system that will persist after you reboot. This essentially lets you carry your own personalized Fedora with you at all times.
- Checksum verification of known releases, to ensure that you've downloaded the correct bits
- Translated in [many languages](#)

Testimonials

"As a non-Linux person, **Live-USB Creator** has improved the quality of my life measurably!"
--Dr. Arthur B. Hunkins

Download

Warning: There are virus-infected copies of the Windows **liveusb-creator** floating around various download sites on the internet. Only download the Windows **liveusb-creator** from this page!

Windows

- Windows installer: [liveusb-creator-3.9.2-setup.exe \(7.9M\) \(ChangeLog\)](#).
• SHA1: 0b7ecce1b215a929b15c0ba786481e14e76cb32a7

Fedora LiveUSB Creator

fedora^f
Live USB Creator

Use existing Live CD or Download Fedora
Fedora 10 (i686)

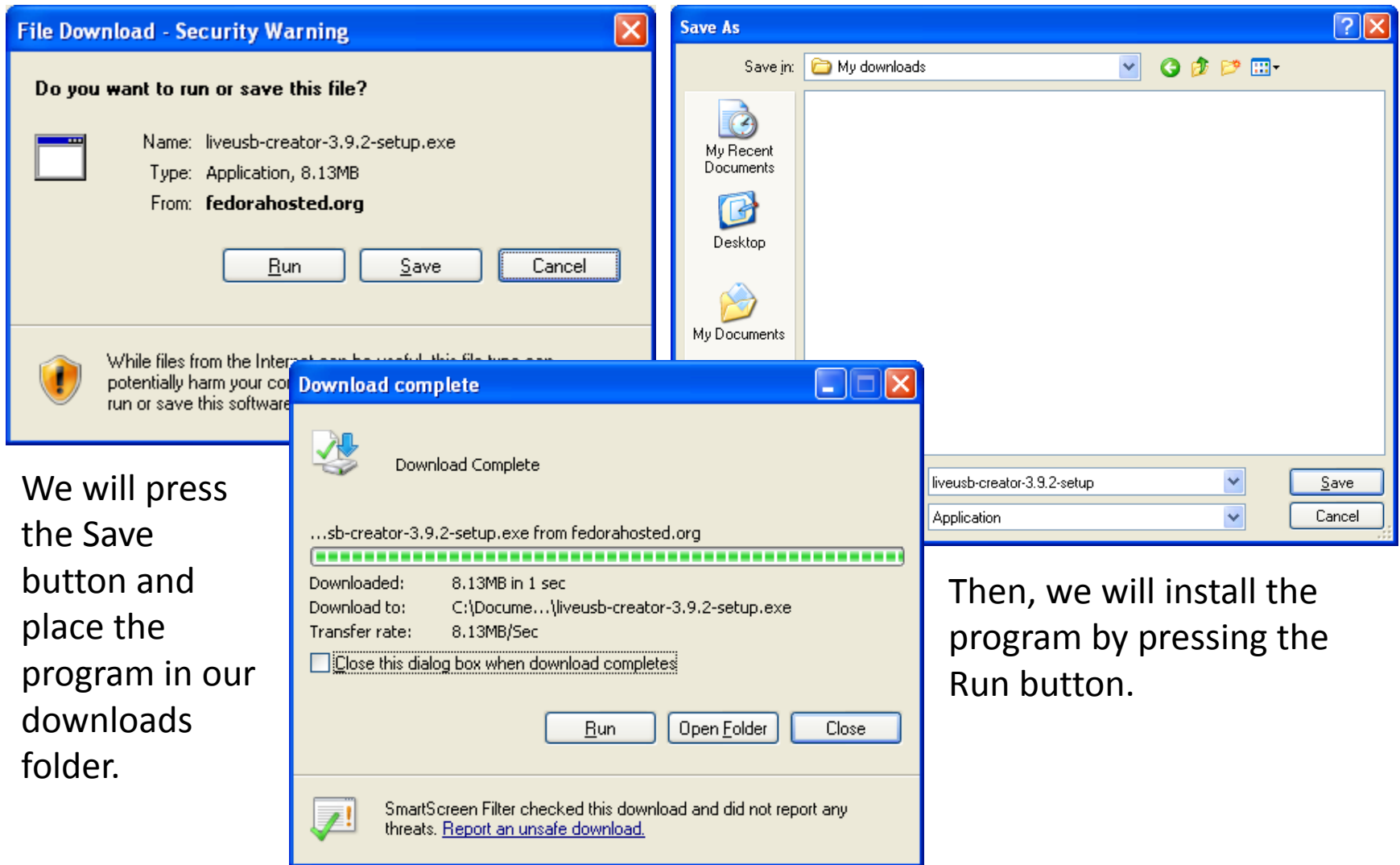
Target Device: E: (FEDORA) Persistent Storage (100 MB)

F10-i686-Live.iso selected
Verifying filesystem...
Verifying SHA1 of LiveCD image...
Extracting live image to USB device...
Wrote to device at 1 MB/sec
Creating 100MB persistent overlay
Installing bootloader
Complete! (0:13:30)

100%

To download the LiveUSB-Creator program, click on this hyperlink.

Download Liveusb-creator

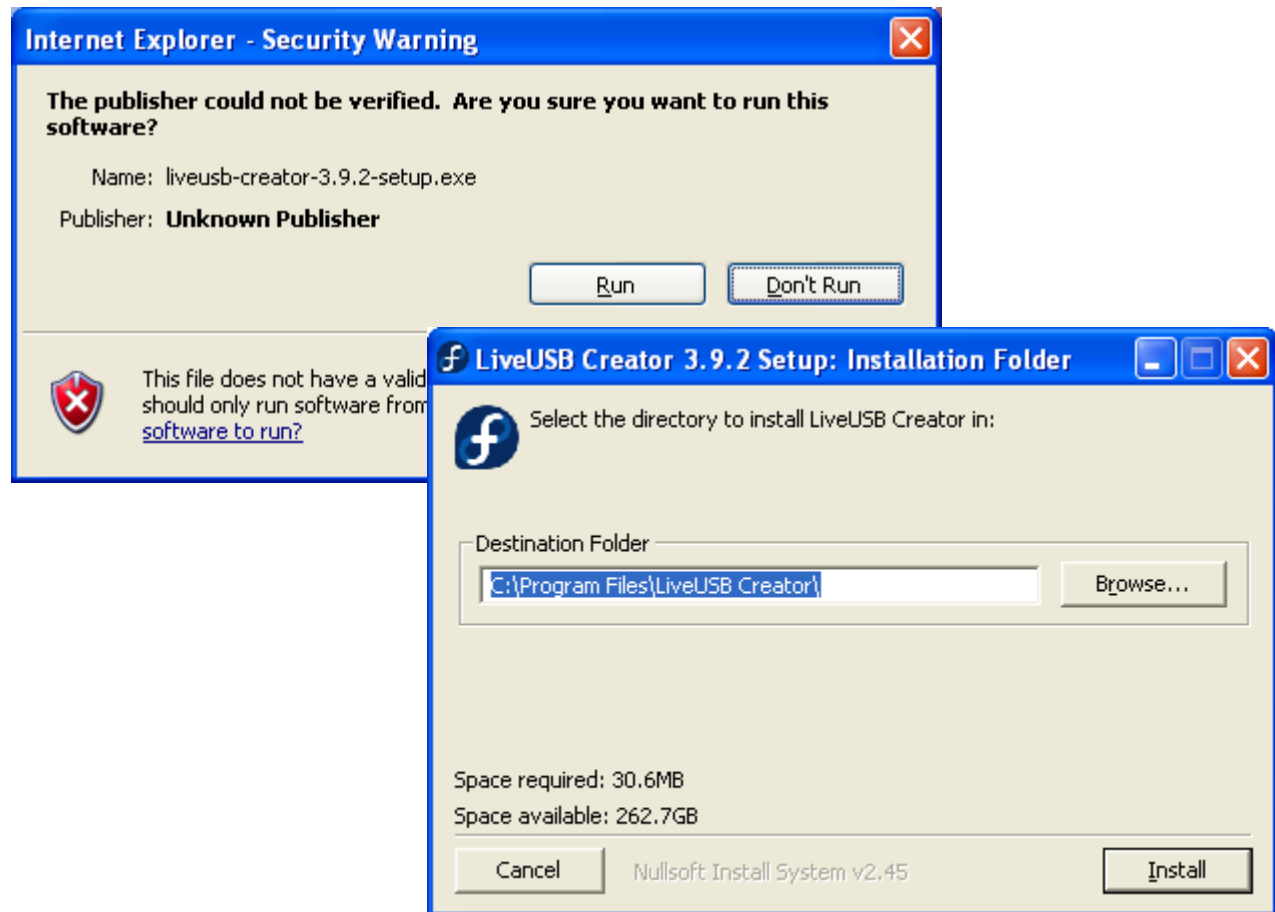


We will press the Save button and place the program in our downloads folder.

Then, we will install the program by pressing the Run button.

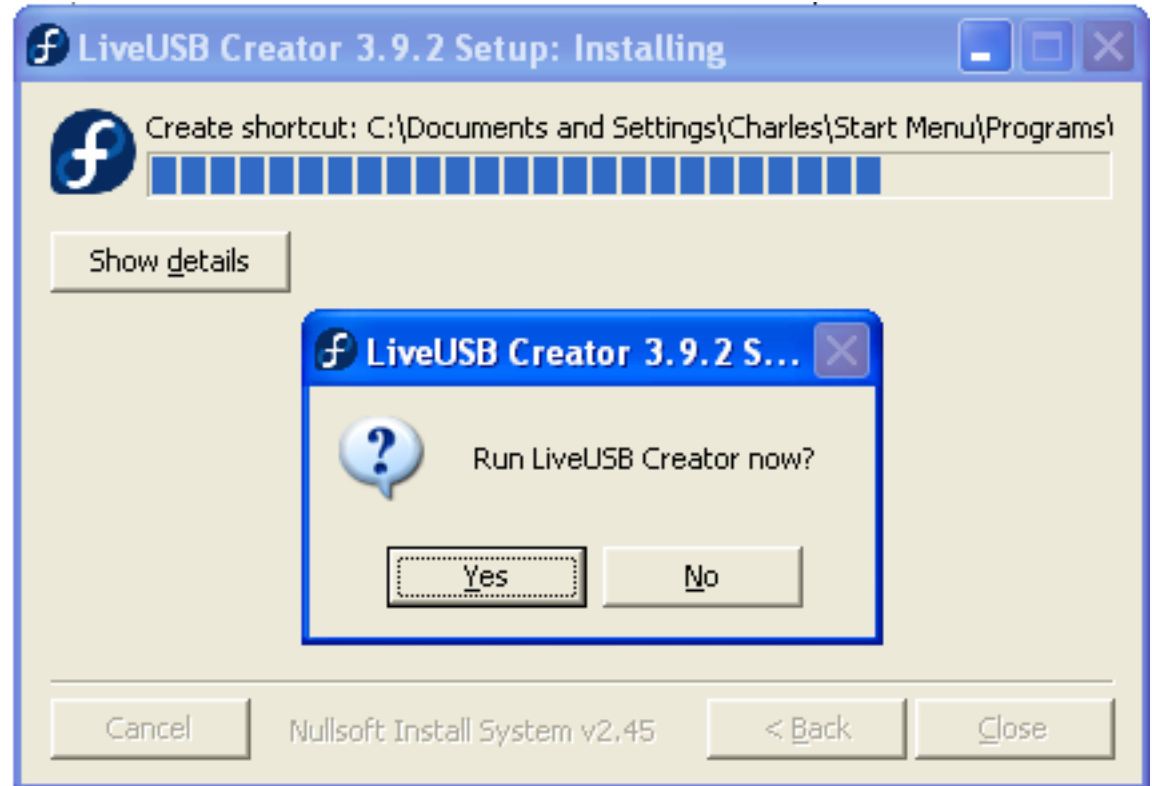
LiveUSB Creator Installation

We will select Run at the Security Warning window and install the program to the default folder as shown.



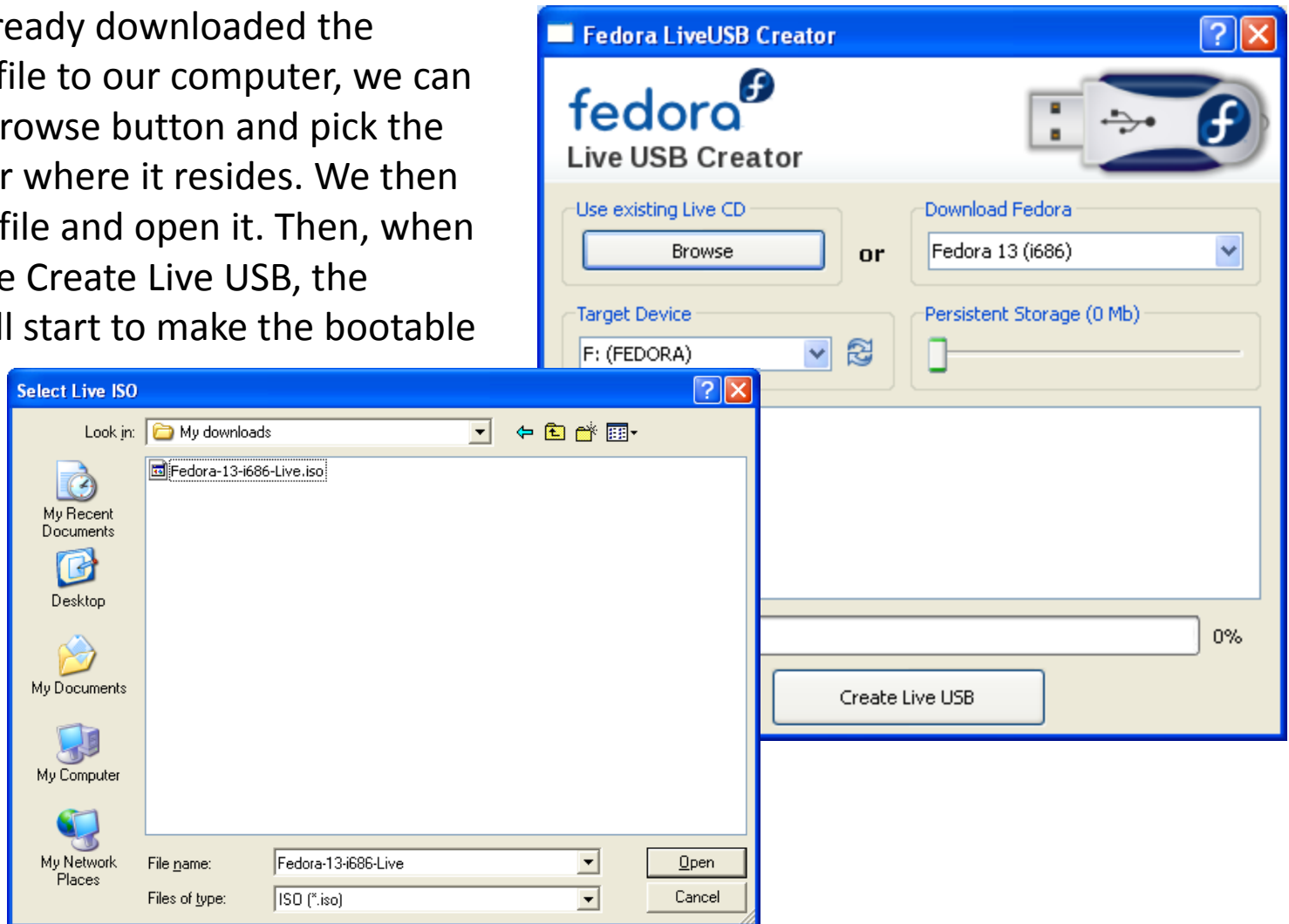
Run Live USB Creator

We will then run the program when prompted.



Using Existing Fedora ISO File

Since we already downloaded the Fedora ISO file to our computer, we can select the Browse button and pick the file to the folder where it resides. We then choose the file and open it. Then, when we press the Create Live USB, the program will start to make the bootable USB drive.



Downloading Fedora

If we never downloaded the Fedora ISO file, the other option is to just press the Create Live USB, and the program will download the Fedora file to make the bootable USB drive.



The Finished Fedora USB Drive

Eventually, the process will be complete and the bootable Fedora flash drive will be ready for use.

Now, we place the Fedora bootable drive in the USB port of the computer that we wish to run this Linux operating system. In the computer's BIOS setup, we need to make sure the USB drive is the first boot device and the hard drive is the second boot device.

In our next lesson, we will install Fedora to the computer's hard drive.

