

Tonight's Objective:



Describe
ISO Files



Burn ISO
to Disc



Produce
Usable
Media

What's an ISO?



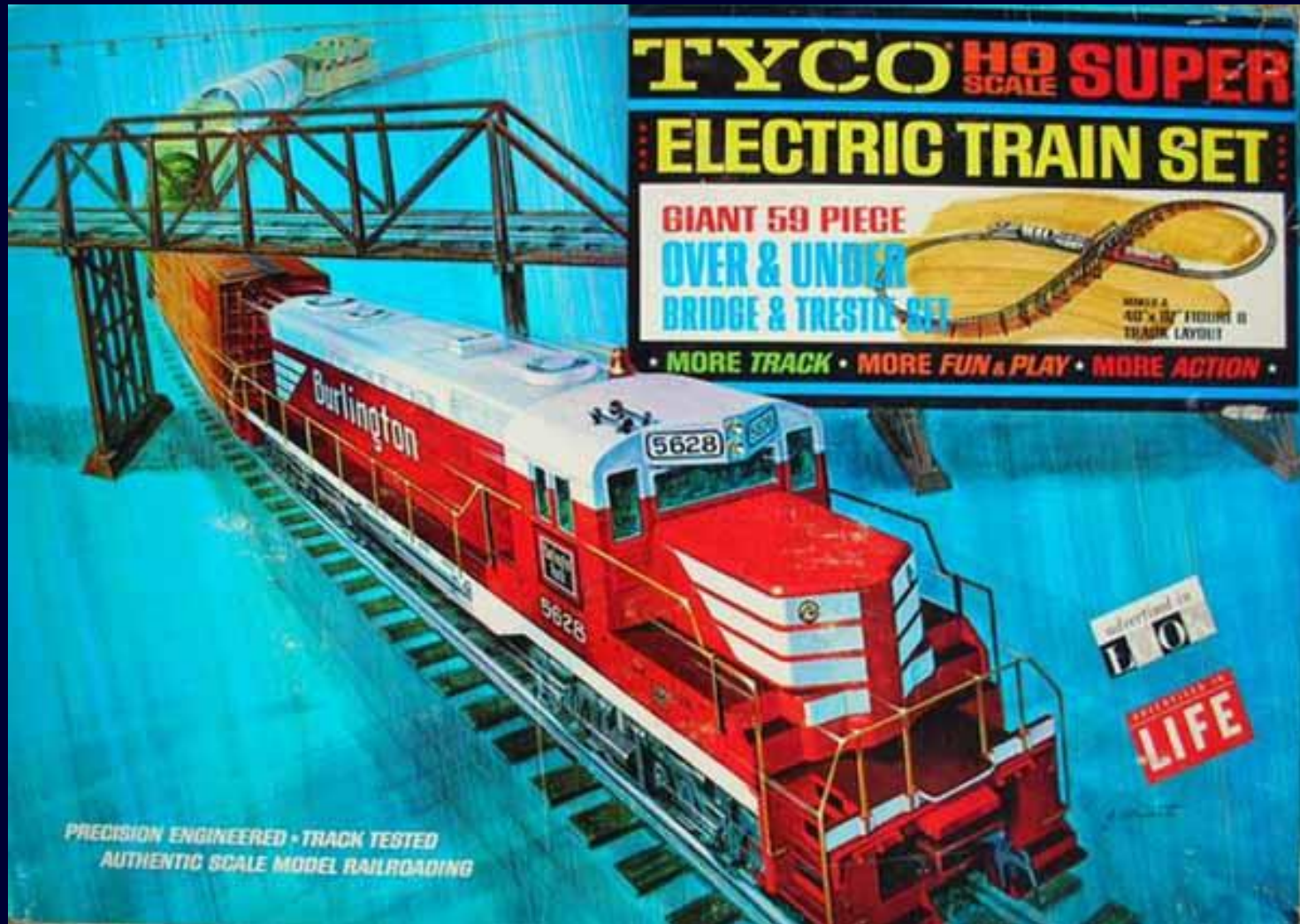
ISO Files



An ISO file, often referred to as **ISO images** or **disc image**, is a single file that is a perfect representation of an entire CD, DVD, or Blu-ray Disk.

The entire contents of a disc can be precisely duplicated in a single ISO file.

All the component parts in a single box!



To use them, take them out of the box.



All the component parts are in a single box.

They merely have to be re-assembled into a usable format.

Parts



X1



X1



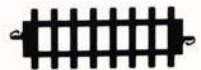
X1



X1



x12



x4

Where are ISO files used?

All ISO images use the file extension `.ISO` and are used quite often to distribute large programs over the Internet due to the fact that all of the program's files can be neatly contained as a single file.

Most operating system distributions, for example, can be downloaded as ISO files and reassembled as bootable media.

Download the ISO file

Linux Mint:

<https://www.linuxmint.com/download.php>

Ubuntu:

<https://www.ubuntu.com/download>

Lubuntu:

<http://lubuntu.net/>

Windows 10:

<https://www.microsoft.com/en-ca/software-download/windows10>

Go to the Windows 10 download page

Software Download Office Windows Windows Insider Preview FAQ

Download Windows 10

Update now

We noticed you are running Windows 10. If you are looking to update to the latest version, click **Update now**.

Update now

Privacy

Looking to install Windows 10 on your PC?

To get started, you will first need to have a licence to install Windows 10. You can then download and run the media creation tool. For more information on how to use the tool, see the instructions below.

Download tool now

Privacy

**Download or Run the
Media Creation Tool**



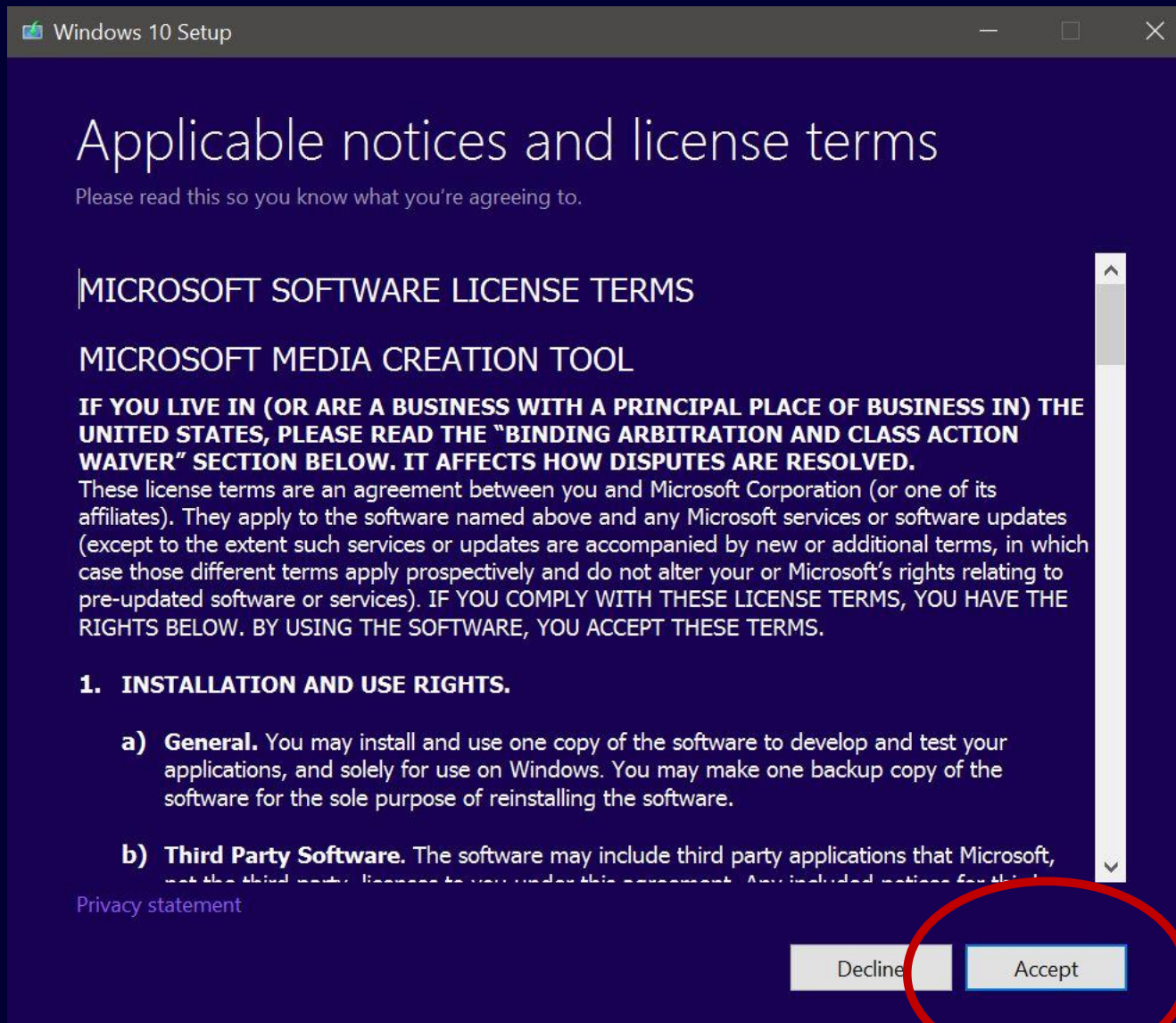
<https://www.microsoft.com/en-ca/software-download/windows10>

The Media Creation Tool

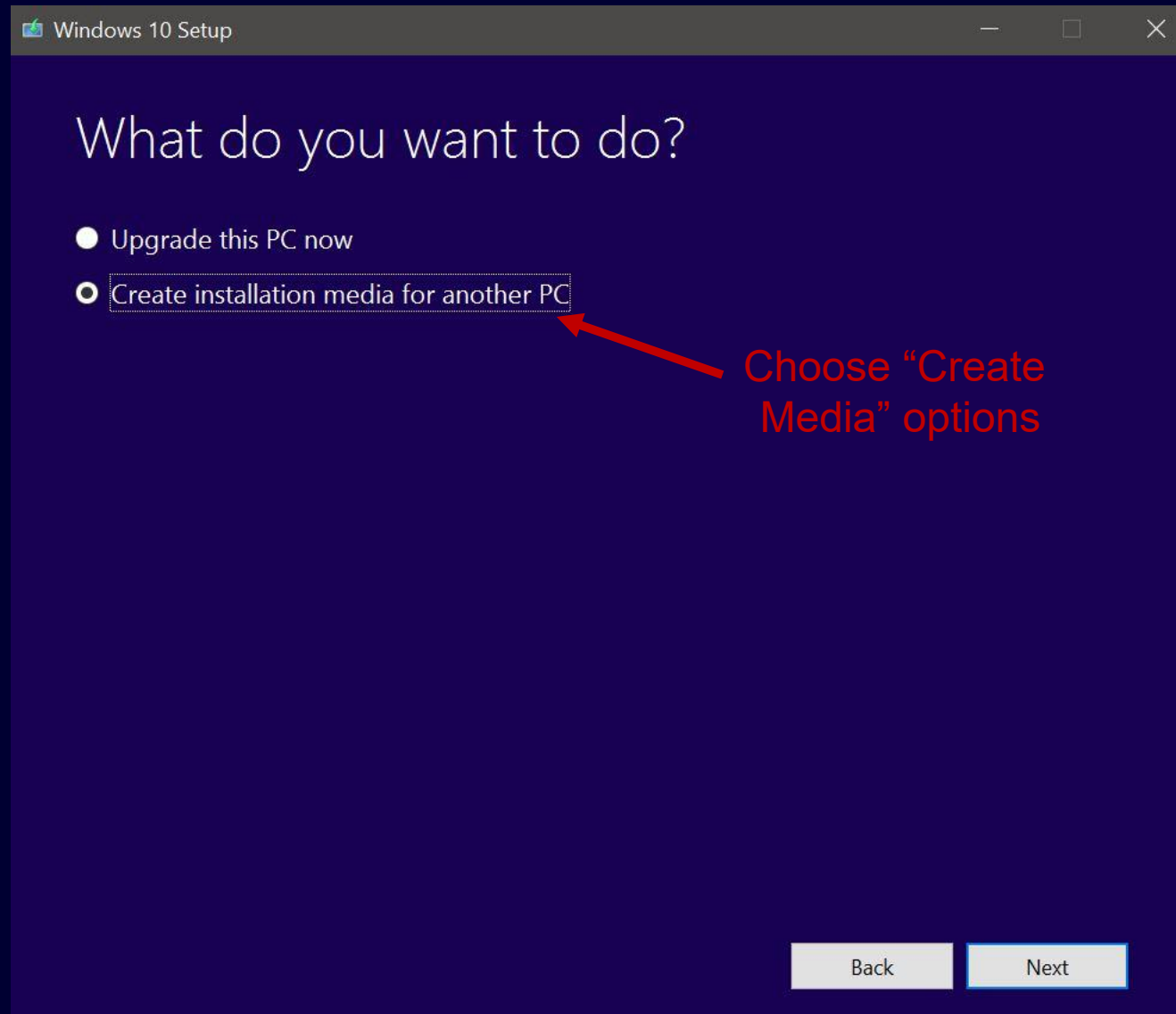
Microsoft's media creation tool may be downloaded and run from the local disk, or simply executed from the web.

What follows are some screenshots of The Windows 10 Media Creation Tool Being run and an ISO file being created.

Running the Media Creation Tool



Running the Media Creation Tool



Running the Media Creation Tool

Windows 10 Setup

Select language, architecture, and edition

Please select from one of the available options to continue.

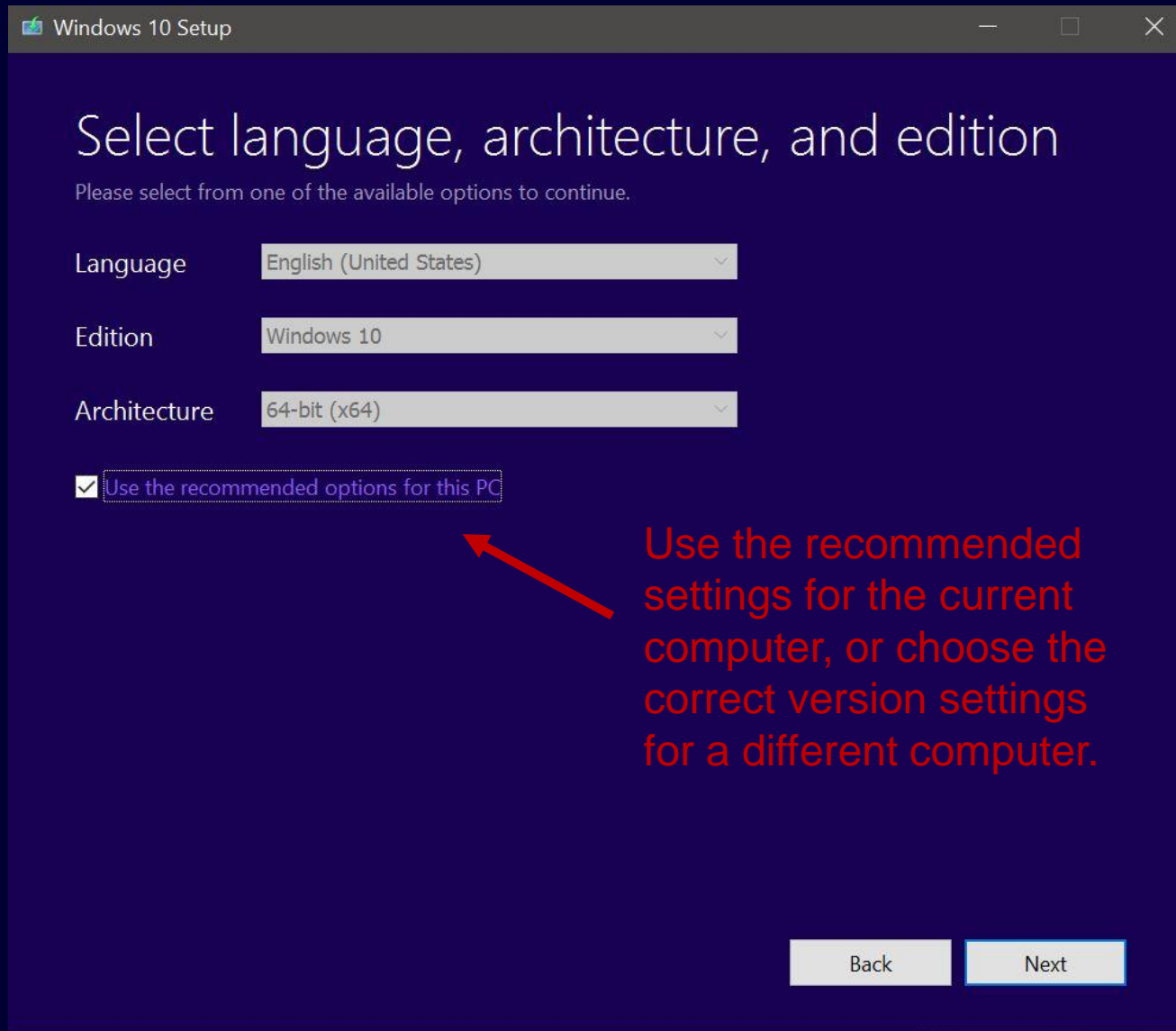
Language

Edition

Architecture

Use the recommended options for this PC

Back Next



Use the recommended settings for the current computer, or choose the correct version settings for a different computer.

Running the Media Creation Tool

Windows 10 Setup

Select language, architecture, and edition

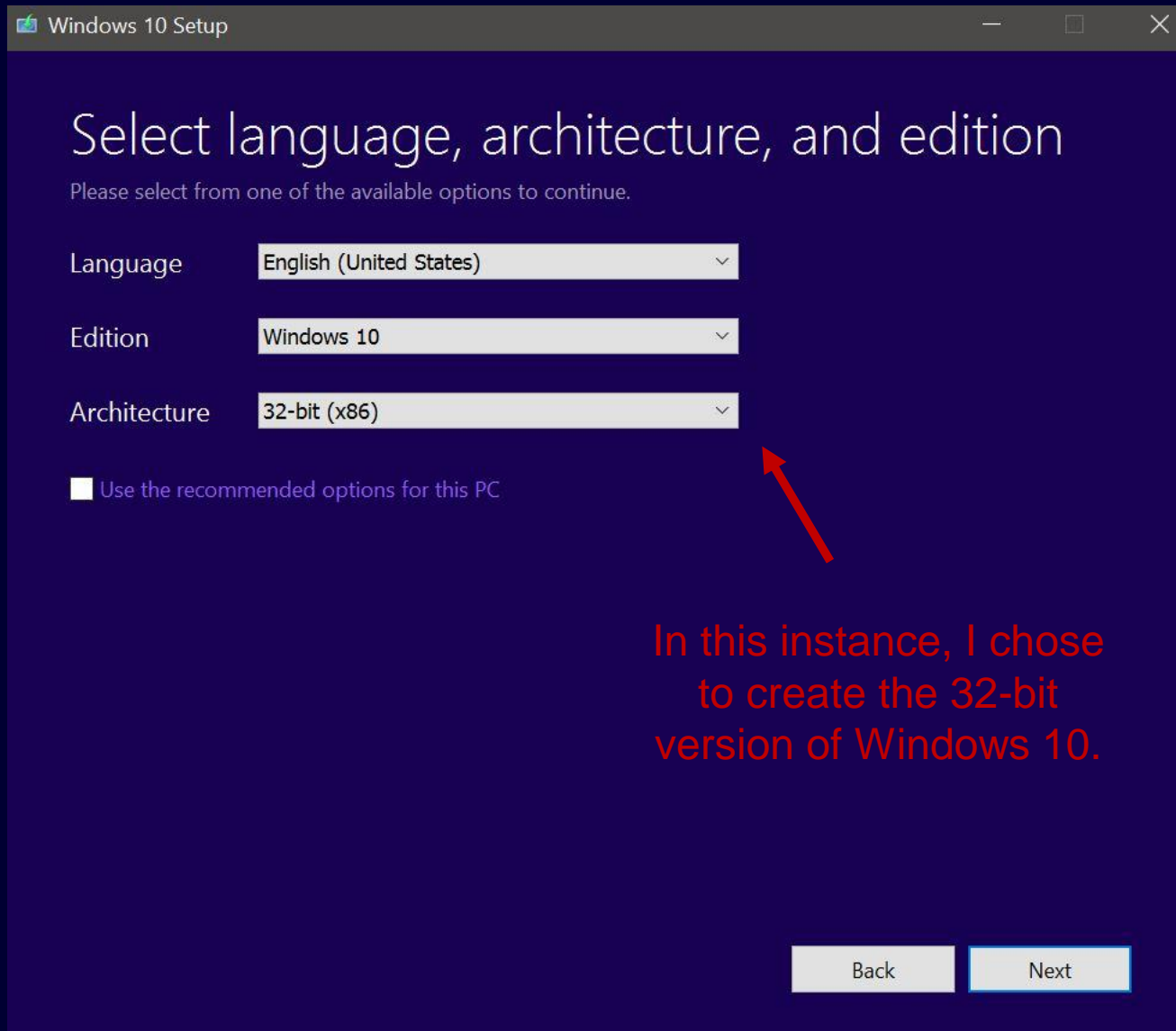
Please select from one of the available options to continue.

Language

Edition

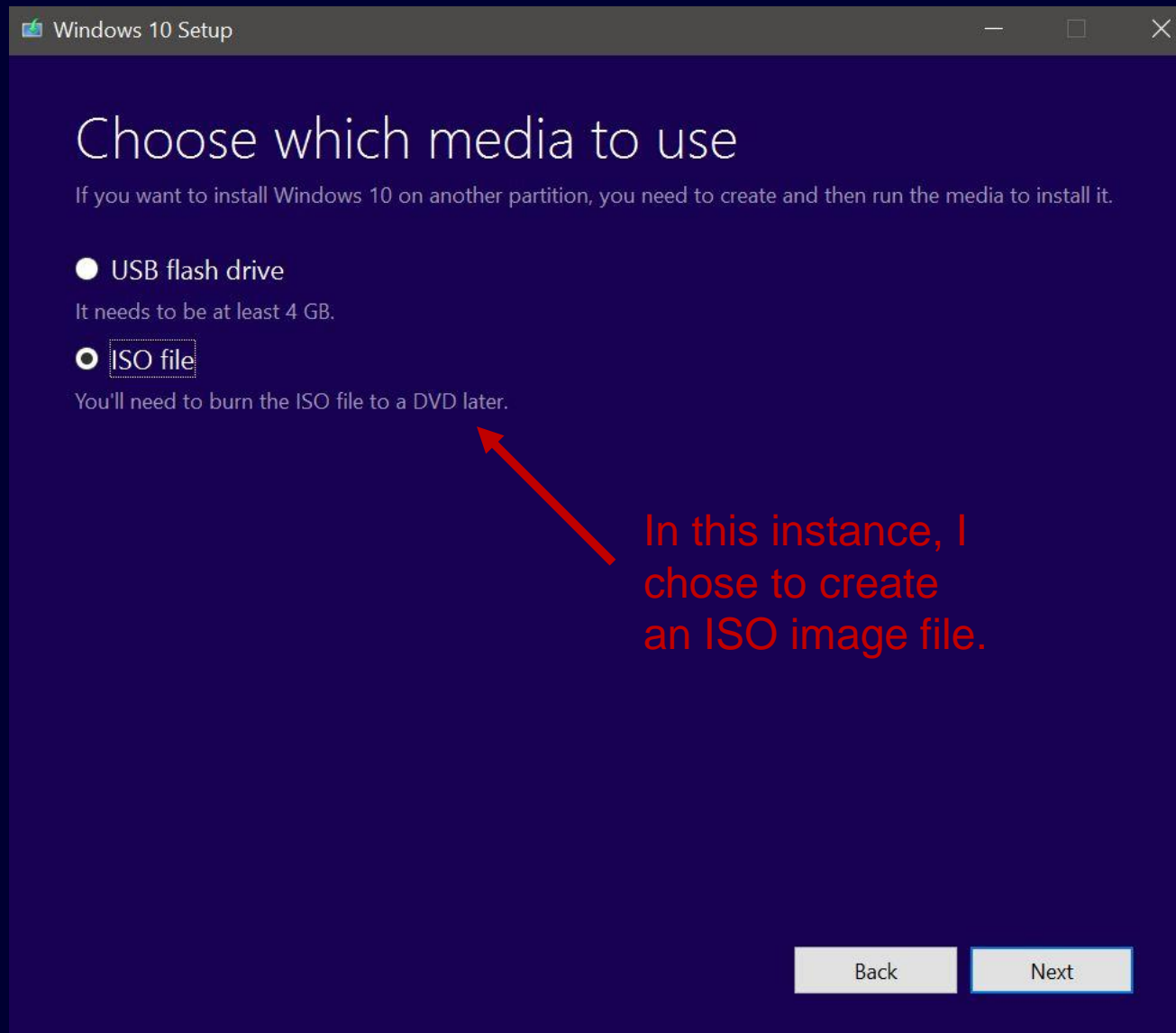
Architecture

Use the recommended options for this PC

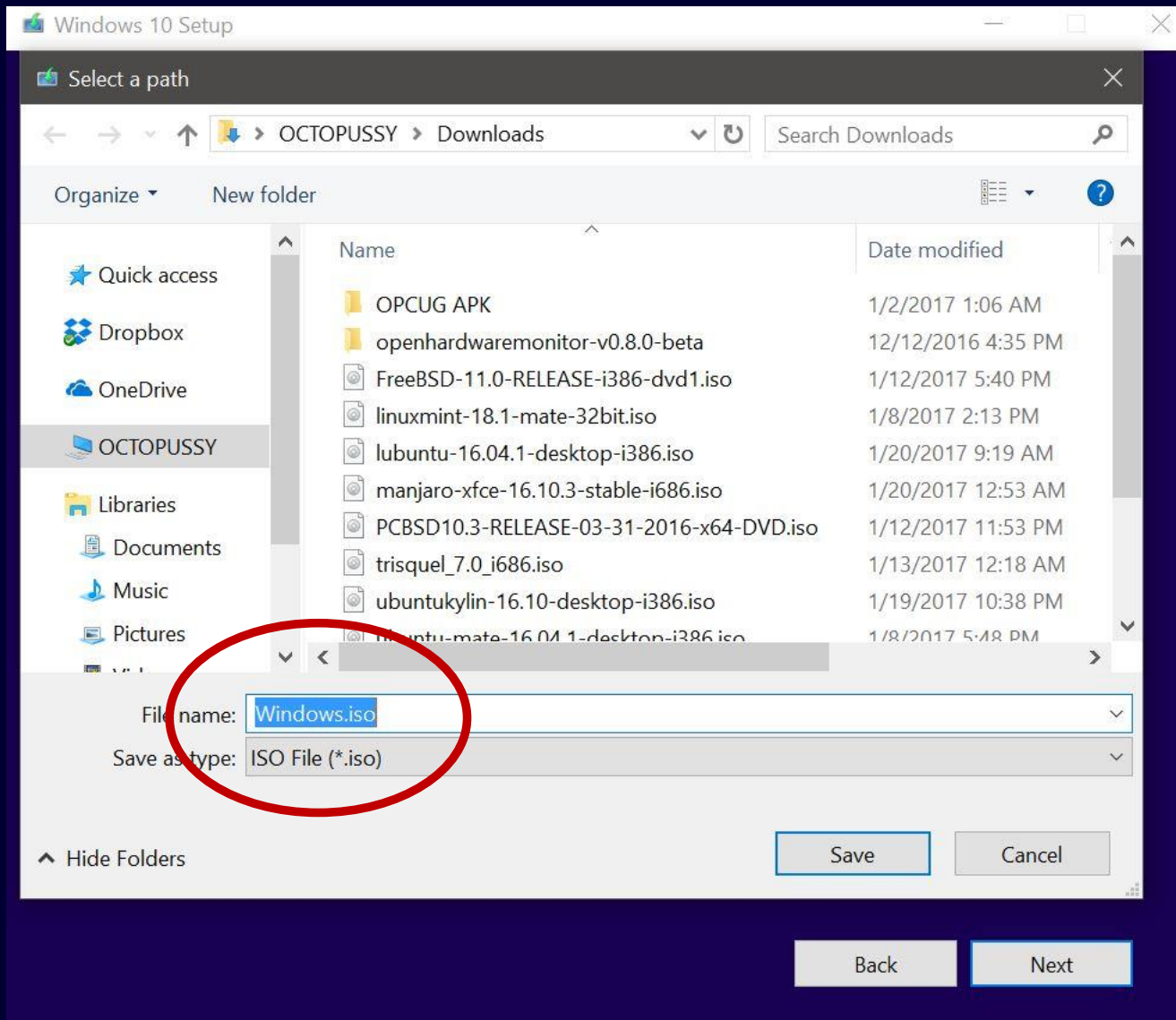
The image shows a screenshot of the Windows 10 Setup window. The window title is "Windows 10 Setup". The main heading is "Select language, architecture, and edition". Below the heading is a sub-heading "Please select from one of the available options to continue." There are three dropdown menus: "Language" with "English (United States)" selected, "Edition" with "Windows 10" selected, and "Architecture" with "32-bit (x86)" selected. Below these is a checkbox labeled "Use the recommended options for this PC" which is unchecked. At the bottom right are two buttons: "Back" and "Next". A red arrow points from the text below to the "Architecture" dropdown menu.

In this instance, I chose to create the 32-bit version of Windows 10.

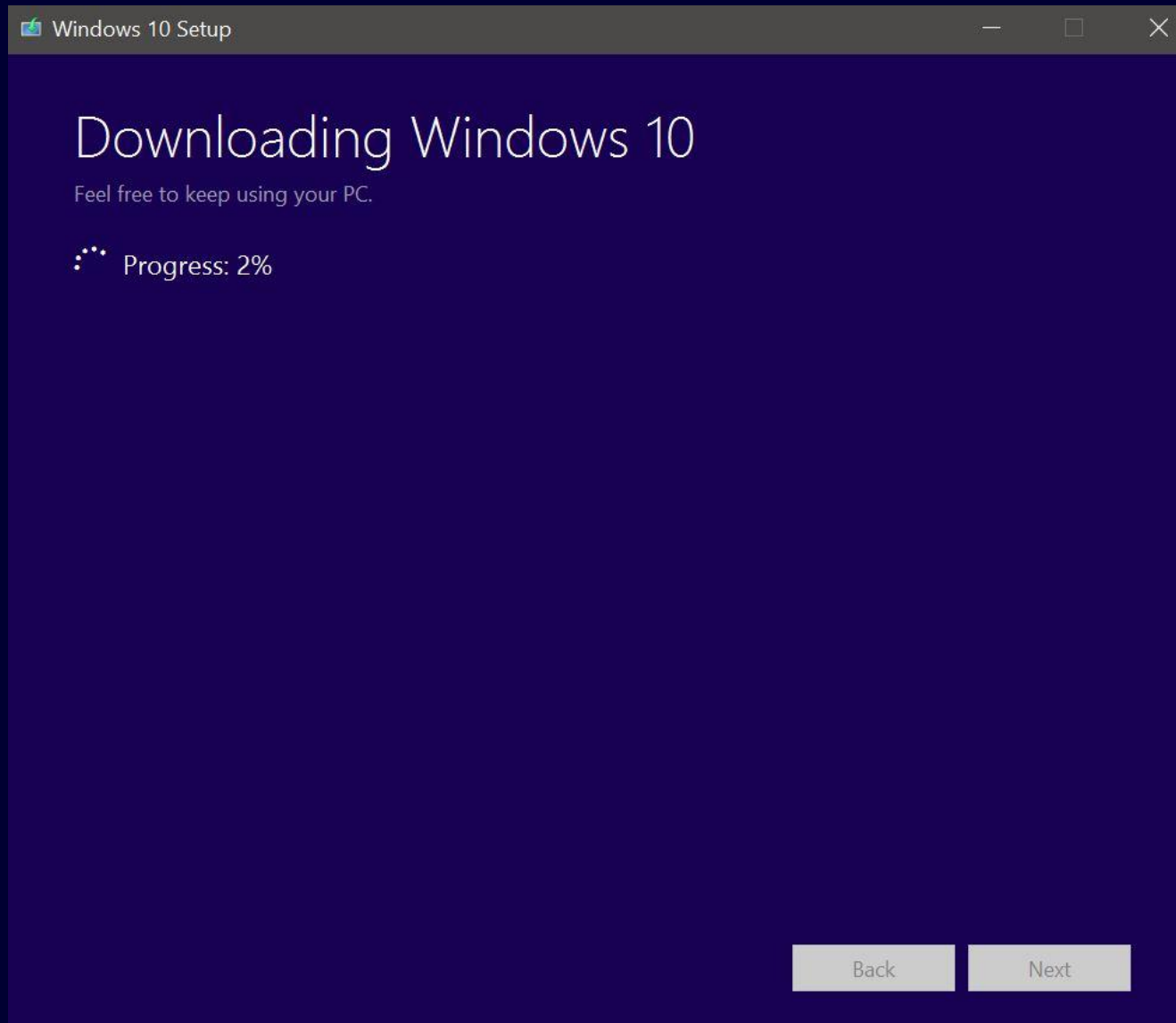
Running the Media Creation Tool



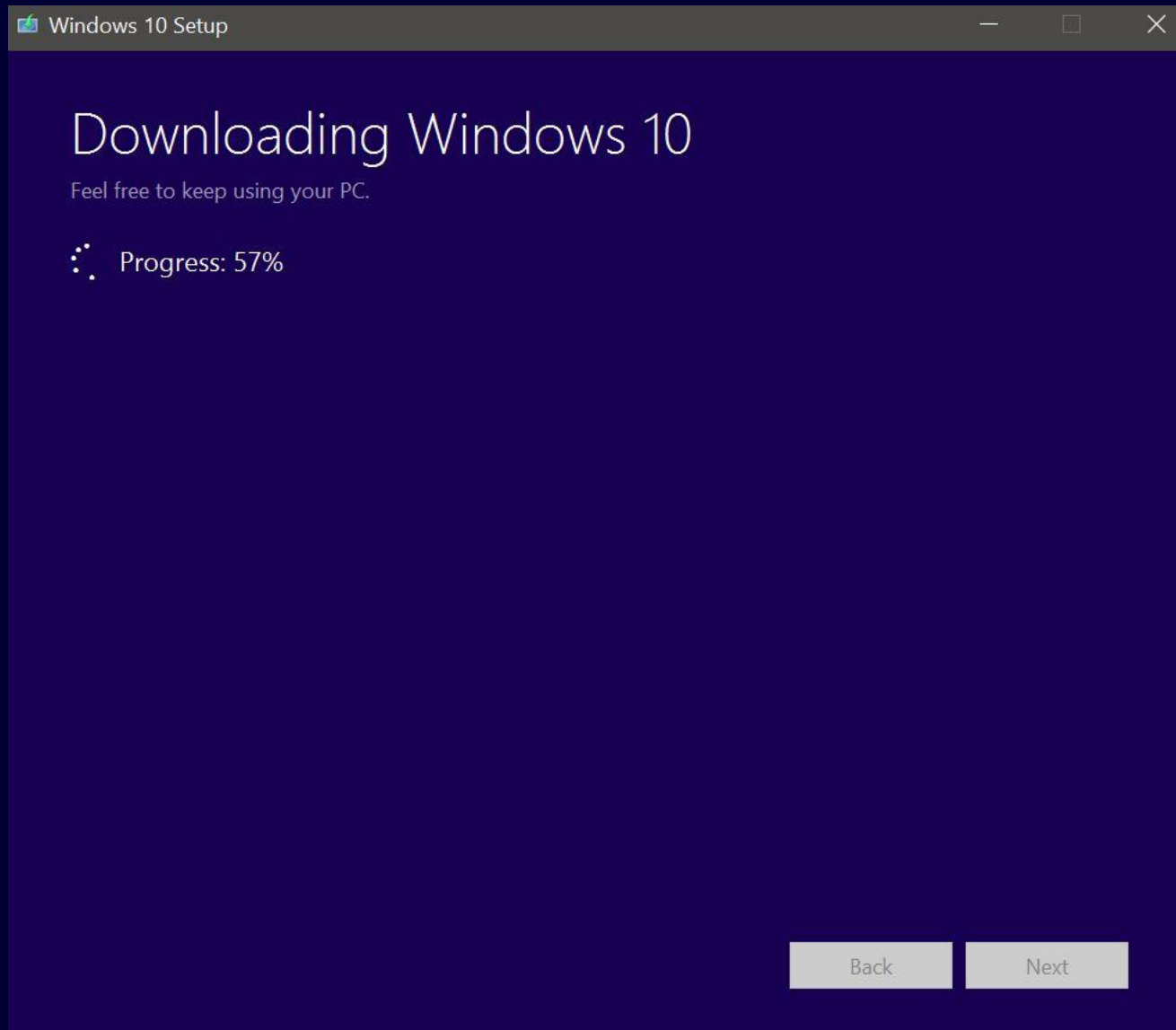
Running the Media Creation Tool



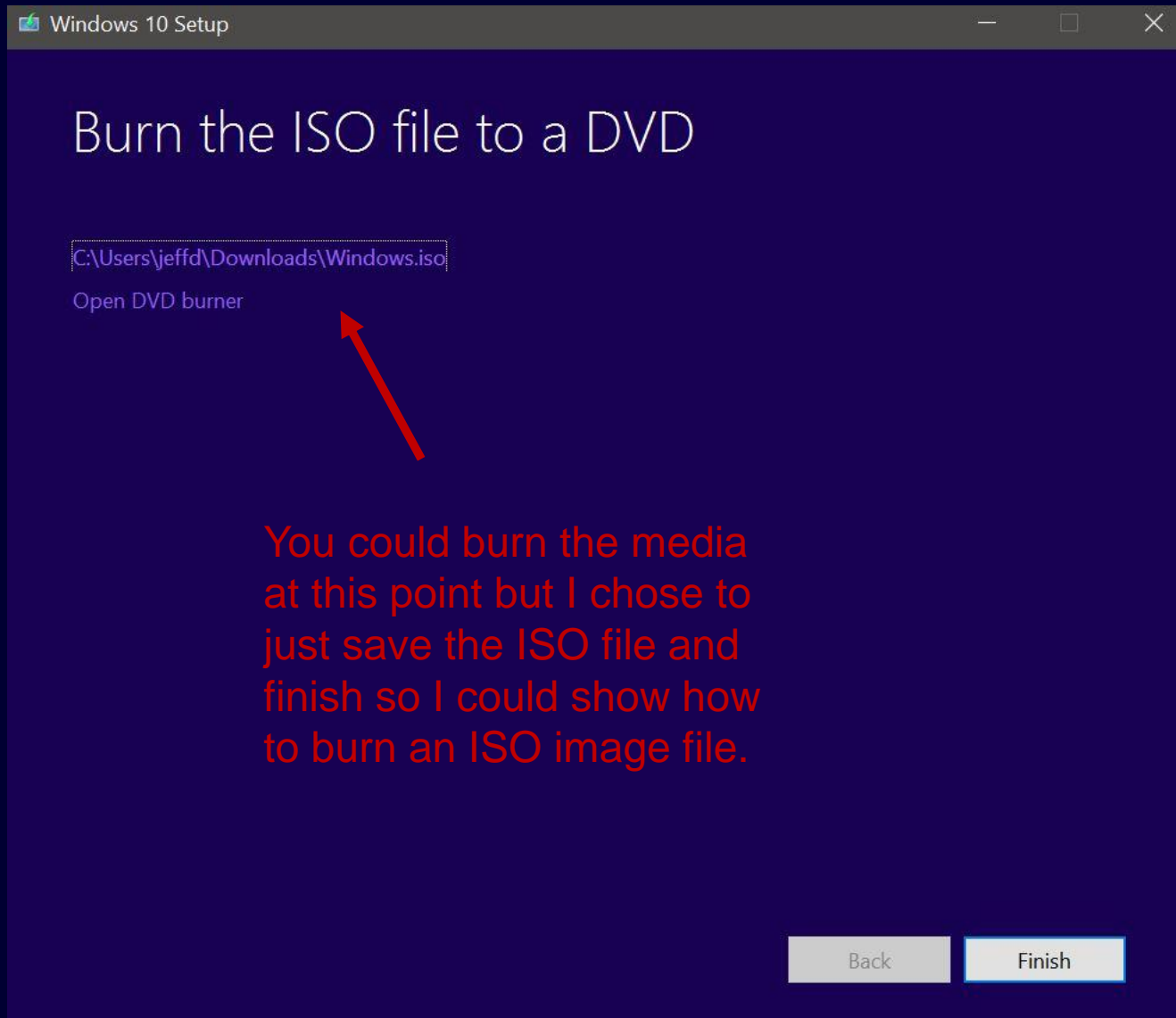
Running the Media Creation Tool



Running the Media Creation Tool



Running the Media Creation Tool



Burning an ISO image

We will now demonstrate how to create media, in our case BOOTABLE media, from an ISO file that was downloaded earlier.