

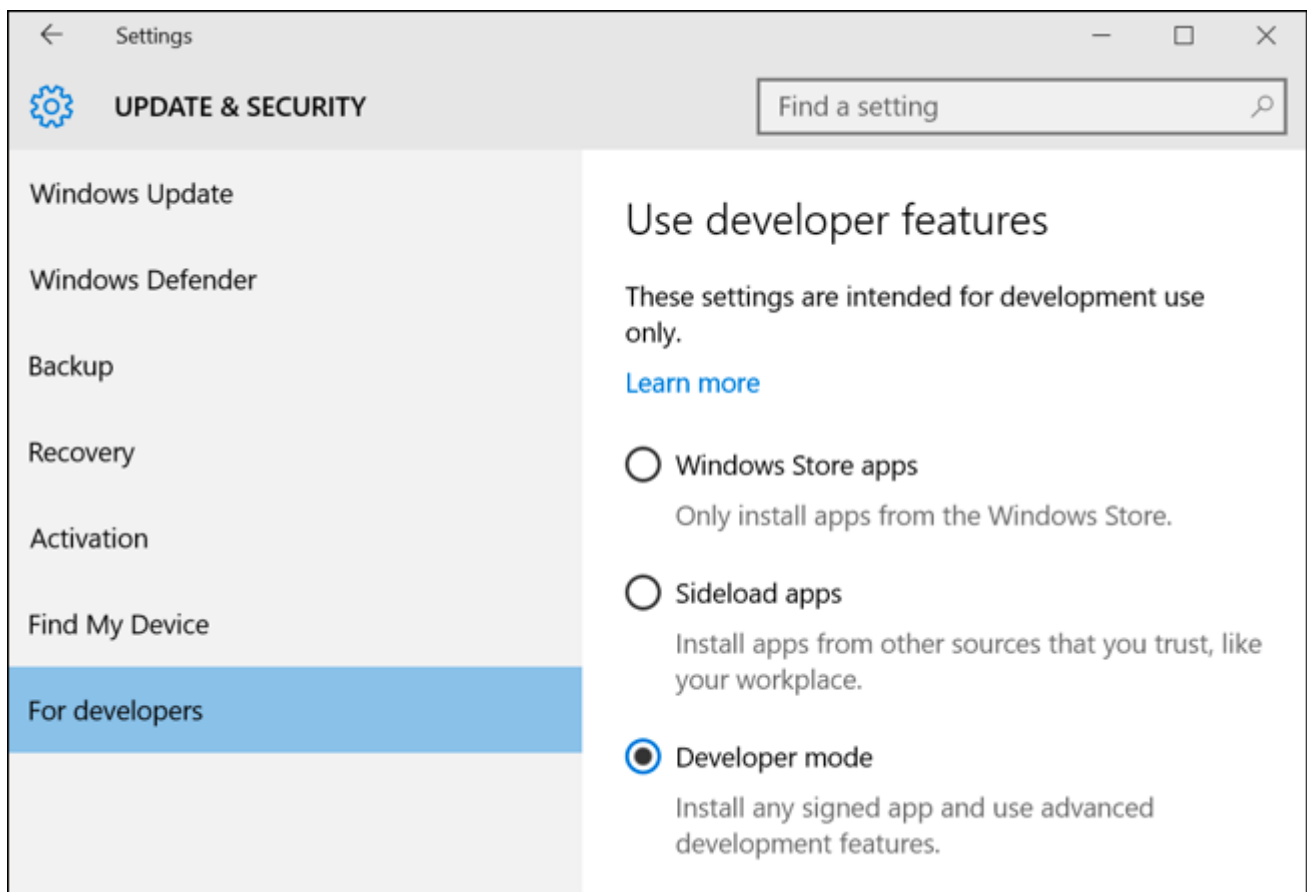
The full link for the article is found here:

<http://www.howtogeek.com/249966/how-to-install-and-use-the-linux-bash-shell-on-windows-10/>

## How to Install Bash on Windows 10

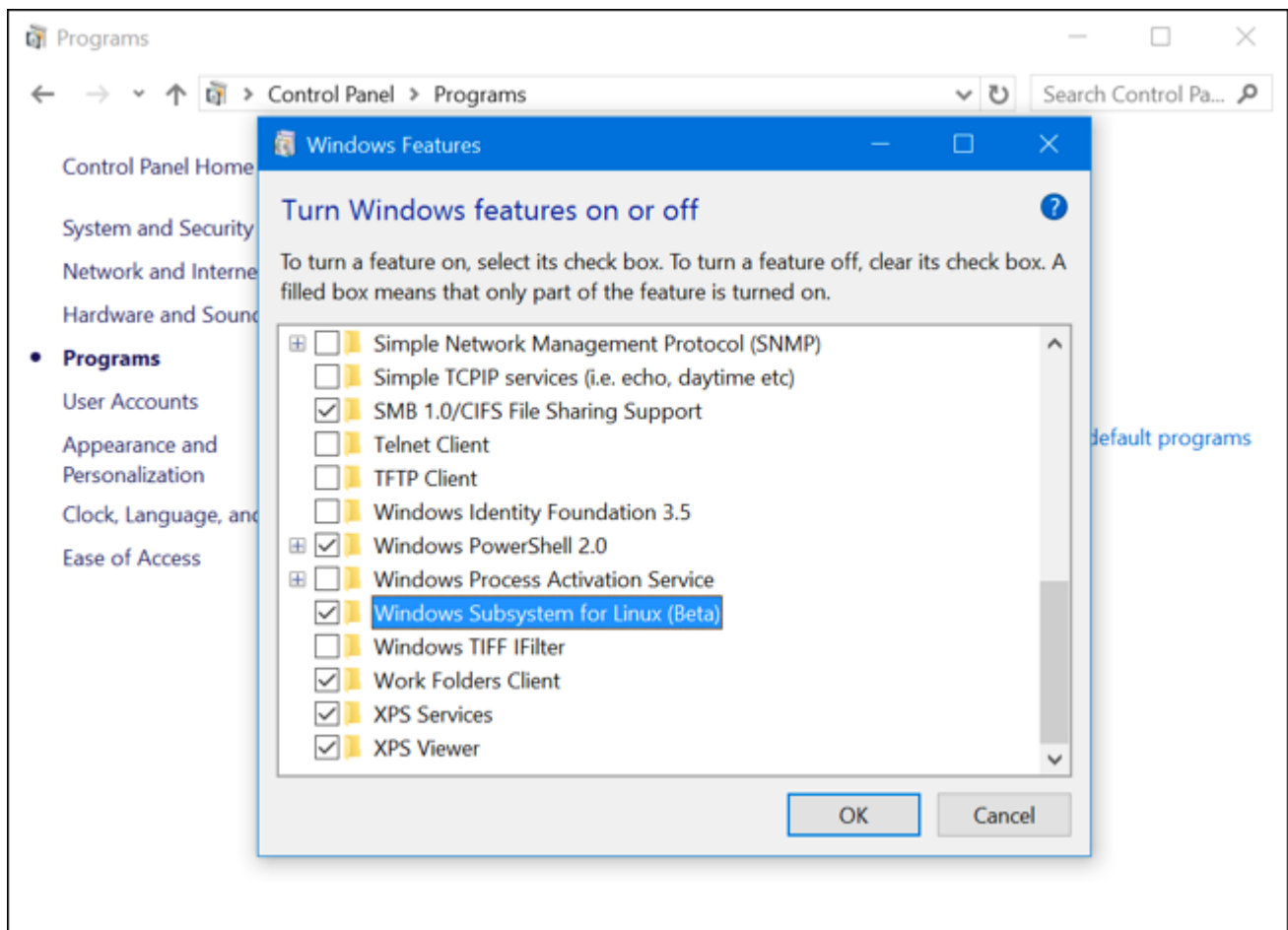
To get started, ensure you've install the Windows 10 Anniversary Update. This only works on 64-bit builds of Windows 10, so it's time to [switch to the 64-bit version of Windows 10](#) if you're still using the 32-bit version.

Once you're sure you're using the correct version of Windows 10, open the Settings app and head to Update & Security > For Developers. Activate the "Developer Mode" switch here to enable Developer Mode.

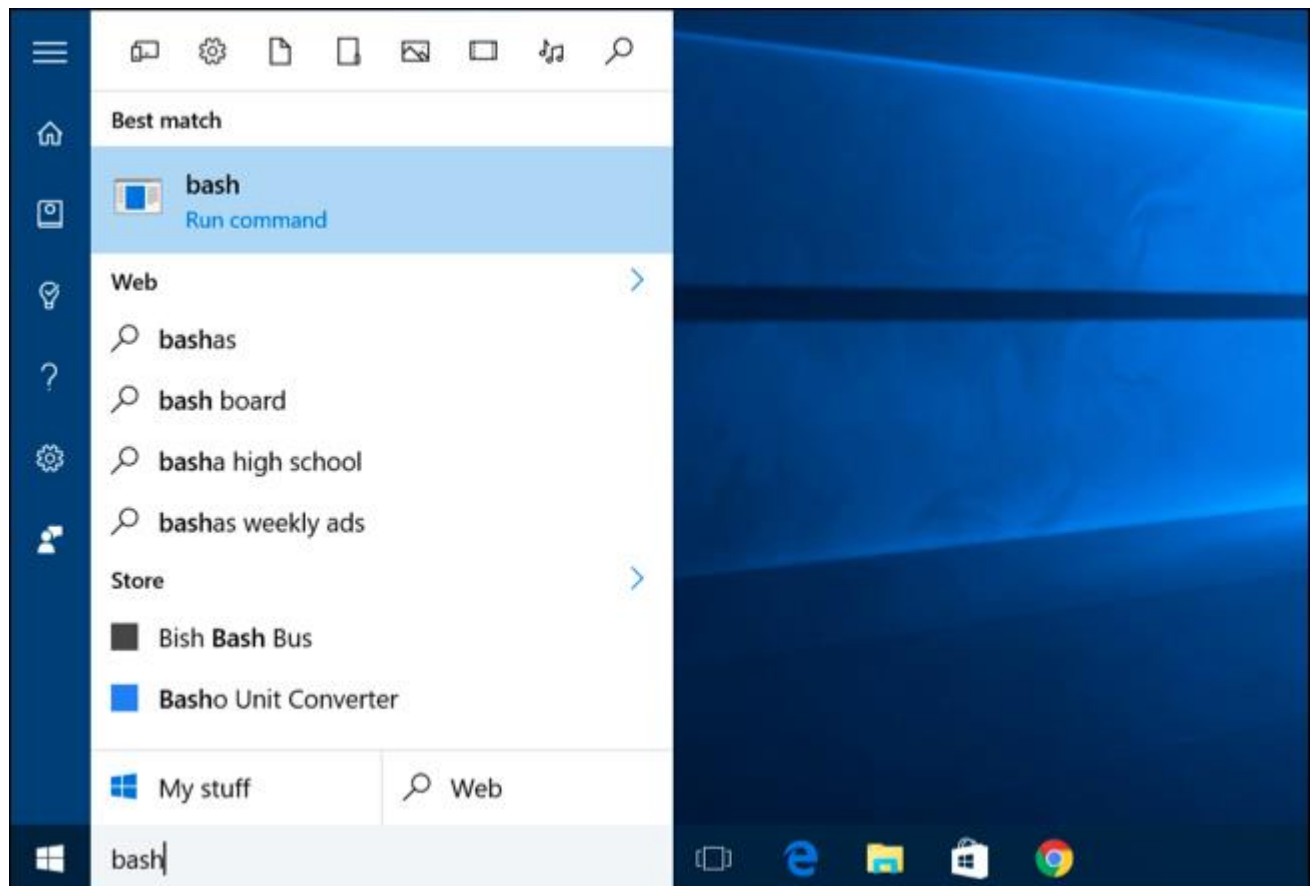


Next, open the Control Panel, click "Programs," and click "Turn Windows Features On or Off" under Programs and Features. Enable the "Windows Subsystem for Linux (Beta)" option in the list here and click "OK."

After you do, you'll be prompted to reboot your computer. Click "Restart Now" to reboot your computer and Windows 10 will install the new feature.

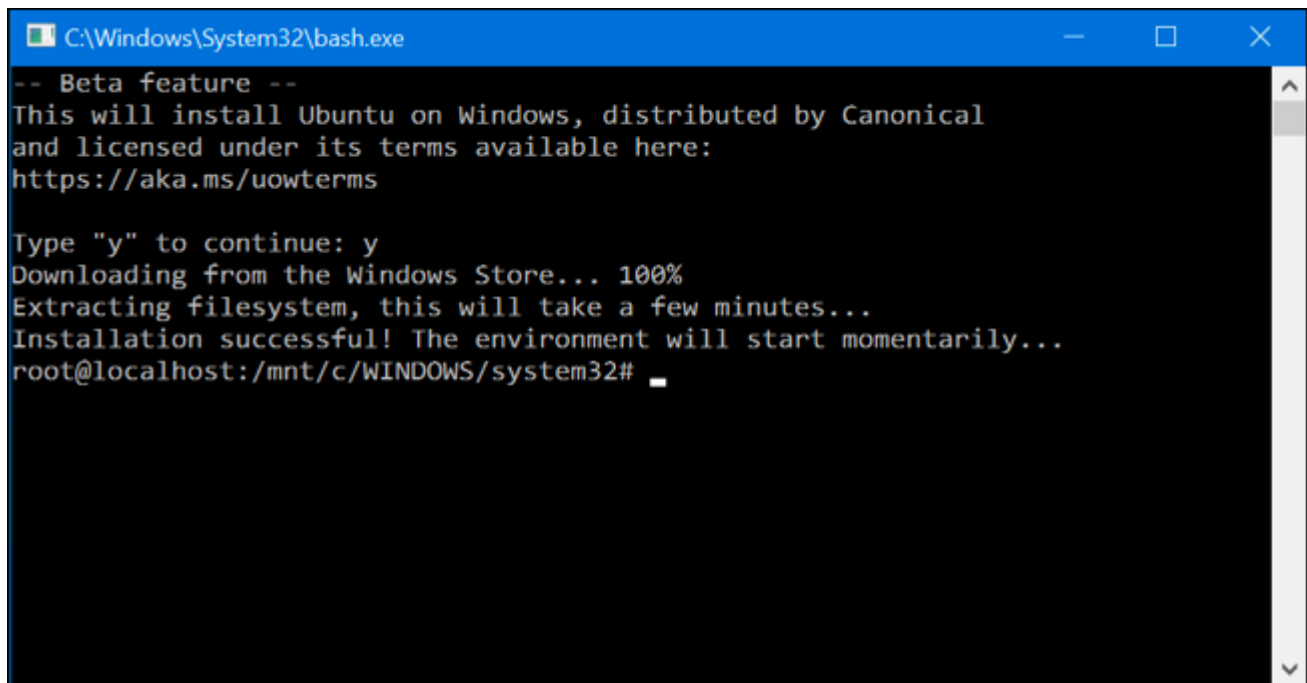


After your computer restarts, click the Start button (or press the Windows key), type "bash", and press "Enter."



The first time you run the bash.exe file, you'll be prompted to accept the terms of service. The command will then download the "Bash on Ubuntu on Windows" application from the Windows Store. You'll be asked to create a user account and password for use in the Bash environment.

*You should make a note of your password because you will need to enter it whenever you use the sudo command.*



```
C:\Windows\System32\bash.exe
-- Beta feature --
This will install Ubuntu on Windows, distributed by Canonical
and licensed under its terms available here:
https://aka.ms/uowterms

Type "y" to continue: y
Downloading from the Windows Store... 100%
Extracting filesystem, this will take a few minutes...
Installation successful! The environment will start momentarily...
root@localhost:/mnt/c/WINDOWS/system32#
```

## Installing Emacs 24.3.1, Spacemacs, and then Emacs 25.0.2

The Linux shell comes with nothing installed, so we will have to install Emacs ourselves. Do it with the following code:

```
sudo apt-get install emacs24
```

```
sudo apt-get install git
```

Then you'll need to install Spacemacs. Enter the following code on the command line:

```
#just in case you aren't in your home directory
```

```
cd
```

```
git clone https://github.com/syl20bnr/spacemacs .emacs.d
```

After that, you'll need to get the Emacs snapshot that contains the current version of Emacs. This will allow Spacemacs to work. Use the following code:

```
sudo apt-add-repository ppa:ubuntu-elisp/ppa
```

```
press enter to continue
```

```
sudo apt-get update
```

```
sudo apt-get install emacs-snapshot
```

Then to run Spacemacs, simply enter the following command:

```
emacs-snapshot
```

You'll also want to update git, it's a little easier than emacs. Enter the following code into the command line in your home directory:

```
sudo add-apt-repository ppa:git-core/ppa
```

```
sudo apt-get update
```

```
sudo apt-get install git
```

For good measure here's a citation reference, just in case.

"How to Install and Use the Linux Bash Shell on Windows 10." *HowTo Geek RSS*. How-To Geek LLC, 12 Apr. 2016. Web. 10 Jan. 2017.