



KHOA CÔNG NGHỆ THÔNG TIN BỘ MÔN MẠNG MÁY TÍNH VÀ TT DỮ LIỆU

Hướng dẫn Lab 1.3 – THAM KHẢO – SV TỰ THỰC HIỆN

Lưu ý: khi cài đặt xong, chỉ có terminal, người dùng có thể tải về GUI thông qua apt install nếu có nhu cầu.

<https://ubuntu.com/tutorials/ubuntu-on-windows#1-overview>

1. Overview

The wonderful Ubuntu terminal is [freely available](#) for Windows 10.

As any Linux user knows, it's the command line terminal where the magic happens. It's perfect for file management, development, remote administration and a thousand other tasks.

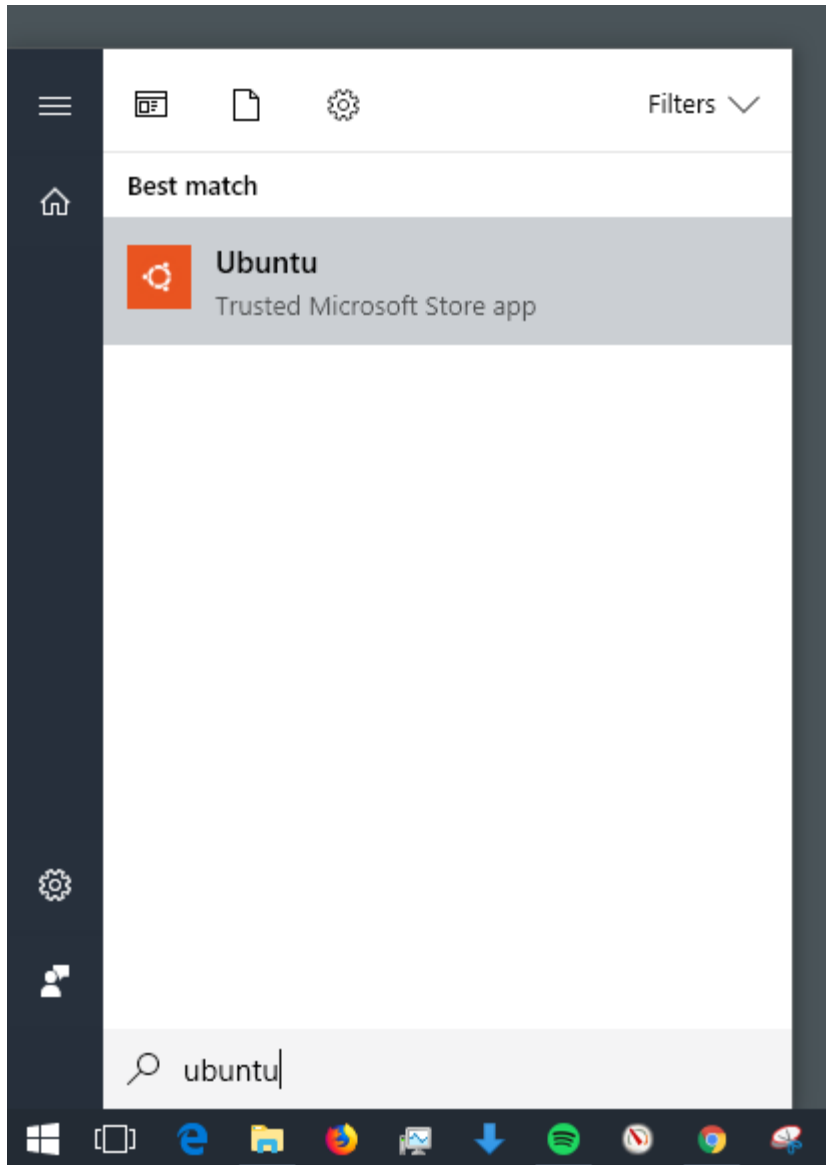
The Ubuntu terminal for Windows has many of the same features you'll find using the terminal on Ubuntu:

Unrivalled breadth of packages, updates and security features

Bash, Z-Shell, Korn and other shell environments without virtual machines or dual-booting

Run native tools such as SSH, git, apt and dpkg directly from your Windows computer

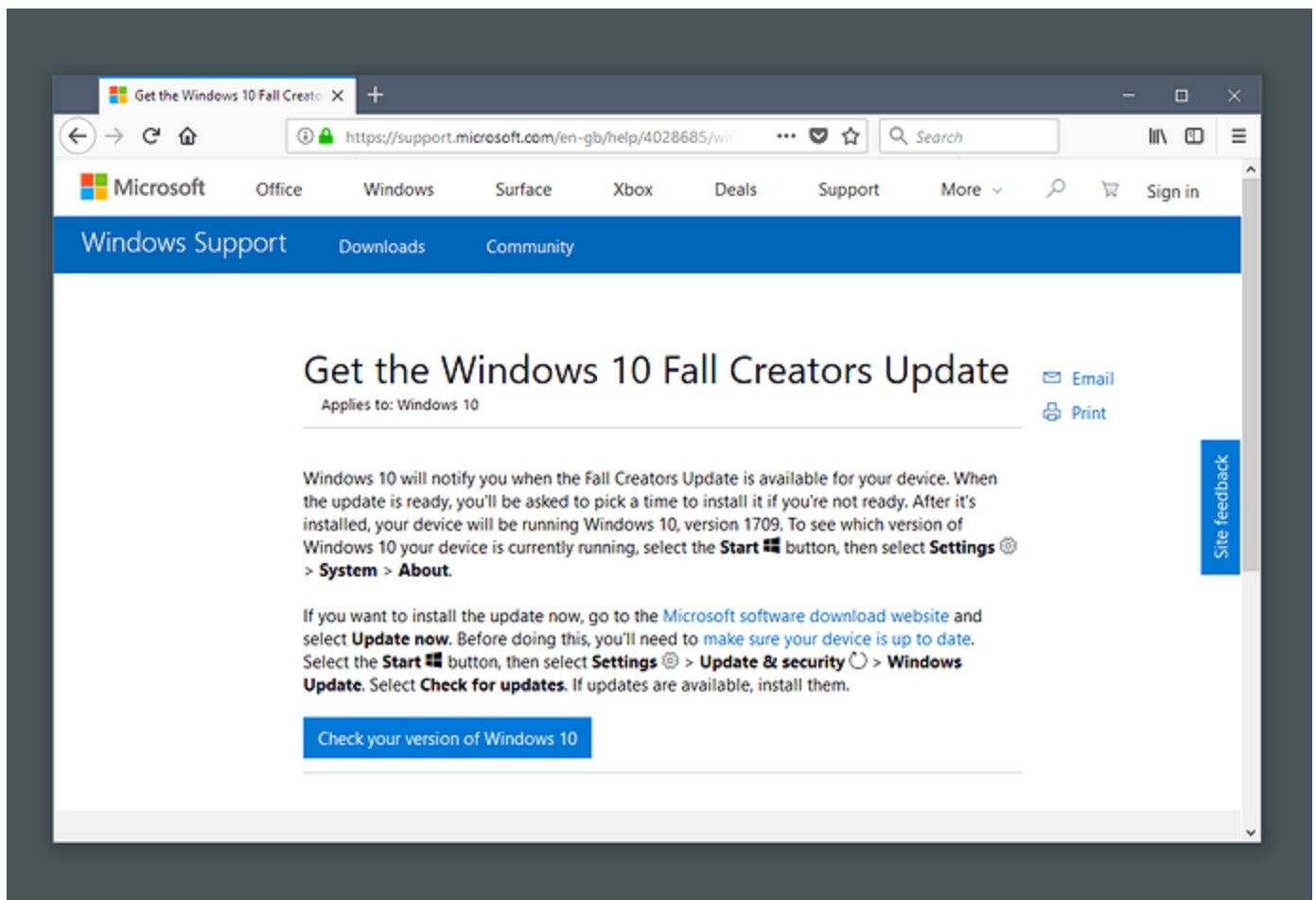
A huge community of friendly, approachable users



2. Requirements

You will need a x86 PC running Windows 10.

Windows 10 needs to be updated to include the [Windows 10 Fall Creators update](#), released October 2017. This update includes the Windows Subsystem for Linux which is needed to run the Ubuntu terminal.



3. Enable WSL

To enable WSL 1 on [Windows 10 Fall Creators update and newer](#) run the following in PowerShell as Administrator:

```
dism.exe /online /enable-feature /featurename:Microsoft-Windows-Subsystem-Linux /all /norestart
```

To enable WSL 2 on [Windows 10 May 2020 update and newer](#) run the following in PowerShell as Administrator:

```
dism.exe /online /enable-feature /featurename:VirtualMachinePlatform /all /norestart
```

and then restart Windows 10.

4. Install Ubuntu for Windows 10

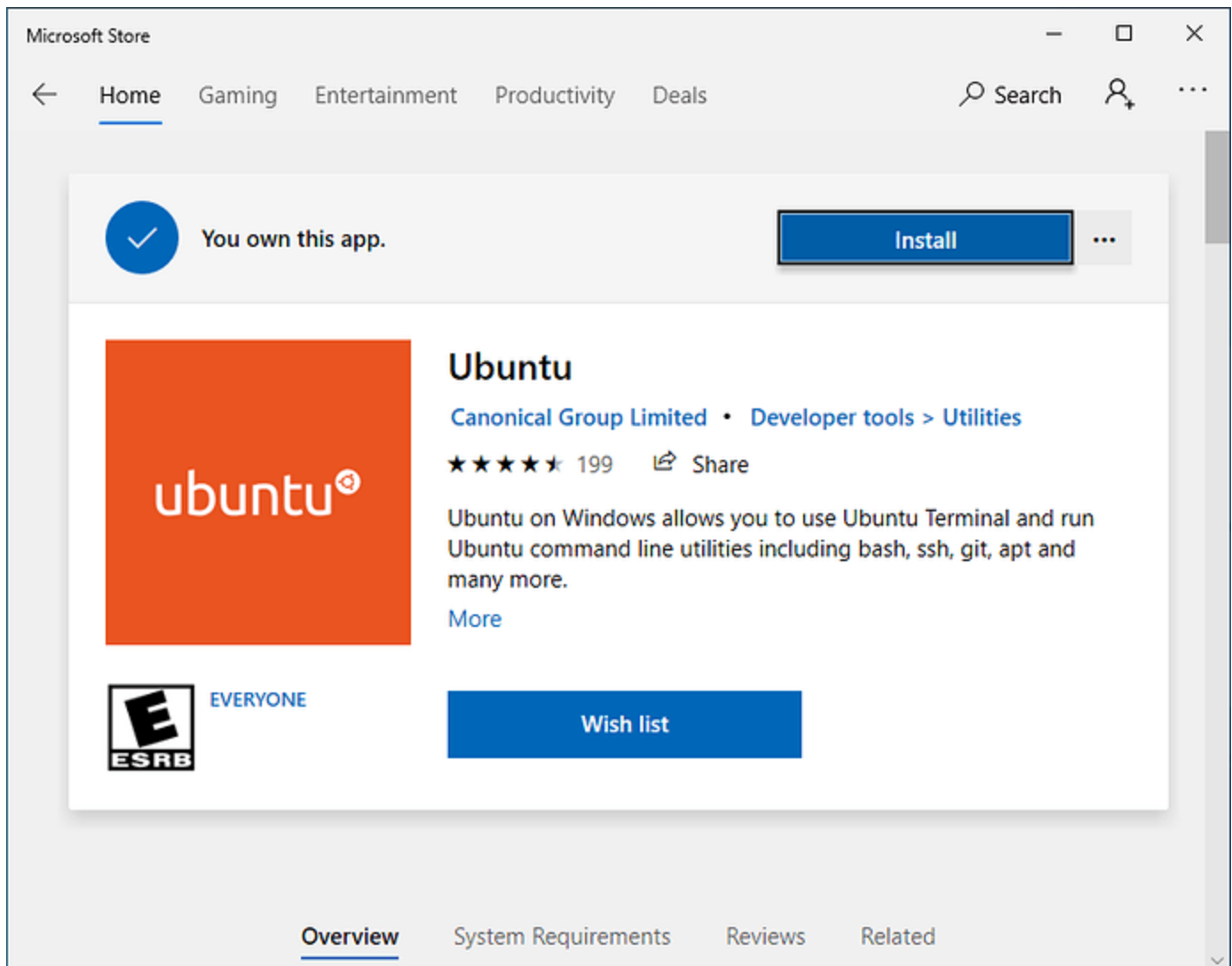
Ubuntu can be installed from the Microsoft Store:

Use the Start menu to launch the Microsoft Store application or click [here](#).

Search for Ubuntu and select the first result, 'Ubuntu', published by Canonical Group Limited.

Click on the Install button.

Ubuntu will be downloaded and installed automatically. Progress will be reported within the Microsoft Store application.



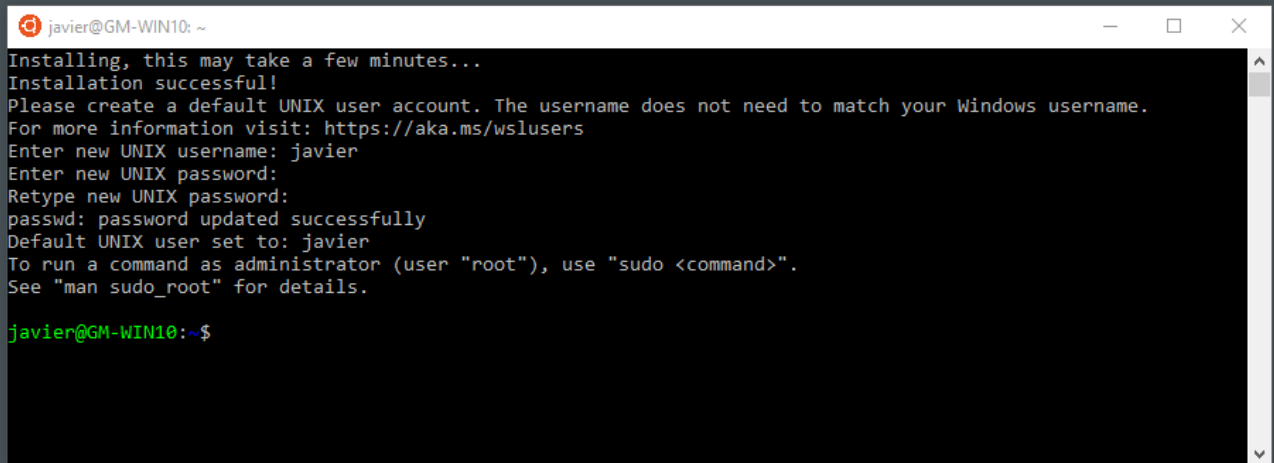
5. Launch Ubuntu on Windows 10

Ubuntu can now be launched in the same way as any other Windows 10 application, such as searching for and selecting Ubuntu in the Start menu.

First launch

When launched for the first time, Ubuntu will inform you that it's 'Installing' and you'll need to wait a few moments.

When complete, you'll be asked for a username and password specific to your Ubuntu installation. These don't need to be the same as your Windows 10 credentials. With this step complete, you'll find yourself at the Ubuntu bash command line.



```
javier@GM-WIN10: ~
Installing, this may take a few minutes...
Installation successful!
Please create a default UNIX user account. The username does not need to match your Windows username.
For more information visit: https://aka.ms/wslusers
Enter new UNIX username: javier
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
Default UNIX user set to: javier
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

javier@GM-WIN10:~$
```

Congratulations! You have successfully installed and activated the Ubuntu terminal on Windows 10. You now have all the power of the command line at your fingertips.