

Windows Subsystem for Linux

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Steps to get wrapper of Ubuntu on Windows10:

Step 1: Enable "Windows Subsystem for Linux" feature

- Go to the Start menu and search for PowerShell. Run it as administrator:
- use the command below to enable Bash in Windows 10:
 - ***Enable-WindowsOptionalFeature -Online -FeatureName Microsoft-Windows-Subsystem-Linux***
 - You'll be asked to confirm your choice. Type Y or press enter.
 - Now you should be asked to reboot. Even if you are not asked to, you must restart your system.

Step 2: Download a Linux system from the Windows store

- Once your system has rebooted, go to the Windows Store and search for "Linux." ==> YOU MAY NEED TO CREATE AN ACCOUNT BUT TRY FIRST WITH YOUR OFFICIAL MAILID.
- You'll see the option to install Ubuntu or SUSE. I have installed Ubuntu for Bash on Windows here.
- Once you choose the distribution of your choice, you'll see the option to install it. Do note that it will download files of around 1Gb in size. So you should have a good internet connection here.

Step 3: Run Linux inside Windows 10

- You'll see that it runs like a normal Windows application.
- It will take some time installing and then you'll have to set up the username and password.
- Don't worry, it's just for the first run. Bash shell will be available for use directly from the next time onwards.

CAUTION: Windows Subsystem for Linux only runs on the system drive i.e. the C drive. You should make sure that when you download Linux from the Windows Store, it is stored and installed in the C Drive.

Go to Settings -> Storage -> More Storage Settings: Change where new content is saved and select C Drive here.

Tools to install:

xmlint help

- Check if already installed
- If not then install it using below command:
 - ***sudo apt install libxml2-utils***

xml_split help

- Check if already installed
- If not then install it using below command:
 - ***sudo apt-get update -y***
 - ***sudo apt-get install -y xml-twig-tools***

osx help

- Check if already installed
- If not then install it using below command:
 - ***sudo apt install opensp***