Install ubuntu in your Windows system using WSL

Refer this YouTube video (<https://www.youtube.com/watch?v=wjbbl0TTMeo&t=320s>)

After successfully installing ubuntu, install deepspeech using following steps: (<https://deepspeech.readthedocs.io/en/v0.6.1/USING.html>)

Open Ubuntu terminal and run the following commands:

1. Getting the pre-trained model

wget [https://github.com/mozilla/DeepSpeech/releases/download/v0.6.1/deepspeech-0.6.1-models.tar.gz tar xvfz deepspeech-0.6.1-models.tar.gz](https://github.com/mozilla/DeepSpeech/releases/download/v0.6.1/deepspeech-0.6.1-models.tar.gz%20tar%20xvfz%20deepspeech-0.6.1-models.tar.gz)

1. Using the Python package

* Create a DeepSpeech virtual environment

virtualenv -p python3 $HOME/tmp/deepspeech-venv/

If you get this error:

Command 'virtualenv' not found, but can be installed with:

sudo apt install python3-virtualenv

Try following command sequence on Ubuntu terminal one by one sequentially:

sudo apt-get install software-properties-common

sudo apt-add-repository universe

sudo apt-get update

sudo apt-get install python3-pip

sudo apt install python3-virtualenv

virtualenv -p python3 $HOME/tmp/deepspeech-virtualenv/

* Activating the environment

source $HOME/tmp/deepspeech-virtualenv/bin/activate

* Install Python 3.8 in your virtual environment (because DeepSpeech is not compatible with latest version of python as of now)

sudo apt install python3.8

sudo apt install python3.8-distutils

1. Installing DeepSpeech Python bindings

pip3 install deepspeech

1. Once deepspeech has been installed, you can try running following command to see if the audio is getting converted to text

# Download pre-trained English model files

curl -LO https://github.com/mozilla/DeepSpeech/releases/download/v0.9.3/deepspeech-0.9.3-models.pbmm

curl -LO https://github.com/mozilla/DeepSpeech/releases/download/v0.9.3/deepspeech-0.9.3-models.scorer

# Download example audio files

curl -LO https://github.com/mozilla/DeepSpeech/releases/download/v0.9.3/audio-0.9.3.tar.gz

tar xvf audio-0.9.3.tar.gz

# Transcribe an audio file

deepspeech --model deepspeech-0.9.3-models.pbmm --scorer deepspeech-0.9.3-models.scorer --audio audio/2830-3980-0043.wav

