# Windows Subsystem for Linux installation

In Windows Powershell:

Lxrun /install ✓

# Waf installation & python3.6 configuration

In Windows Powershell:

Bash

cd mnt/c/programs/waf-2.0.13

~~./waf-light configure build~~ python needed?

sudo add-apt-repository ppa:jonathonf/python-3.6 ✓ <https://blog.smallsec.ca/2017/09/07/installing-python3-6-on-wsl/>

sudo apt update ✓

sudo apt install python3.6 python3-pip ✓

sudo -H pip3 install --upgrade pip ✓

sudo -H pip3 install virtualenv virtualenvwrapper ✓

export WORKON\_HOME=$HOME/.virtualenvs ✓ # Environments stored here

export PROJECT\_HOME=/mnt/c/Users/David/python-projects ✓ # Path to your Python projects

export VIRTUALENVWRAPPER\_PYTHON=/usr/bin/python3.6 ✓ # Make Python3 the default

source /usr/local/bin/virtualenvwrapper.sh ✓ # Engage!

~~./waf-light configure build~~ virtual env nicht eingerichtet?

python3 ./waf-light configure build ✓

python3 -m pip install aubio ?

cd /mnt/c/programs/aubio-0.4.7 🡪 python3 ./setup.py build ✓

sudo apt-get install make

sudo apt-get install –reinstall make ✓

# Waf installation

sudo apt install python2.7 ✓ python2.7 needed: <https://waf.io/book/#_getting_the_waf_file>

python2.7 ./waf-light ✓ 'build' finished successfully (3.379s)

cd aubio-0.4.7 🡪 ./scripts/get\_waf.sh ./scripts/get\_waf.sh: line 42: python: command not found

* python2.7 ./waf configure ✓

root@David-THINK:/mnt/c/programs/aubio-0.4.7# python2.7 ./waf configure

Setting top to : /mnt/c/programs/aubio-0.4.7

Setting out to : /mnt/c/programs/aubio-0.4.7/build

Checking for 'gcc' (C compiler) : /usr/bin/gcc

Checking for header stdlib.h : yes

Checking for header stdio.h : yes

Checking for header math.h : yes

Checking for header string.h : yes

Checking for header limits.h : yes

Checking for header stdarg.h : yes

Checking for header getopt.h : yes

Checking for header unistd.h : yes

Checking for library m : yes

Checking for C99 \_\_VA\_ARGS\_\_ macro : yes

Checking for size of smpl\_t : float

Checking for size of lsmp\_t : double

Checking if complex.h is enabled : no

Checking for FFT implementation : ooura

Checking for program 'pkg-config' : not found

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Checking for all libav libraries : not found (missing avcodec)

Checking if using source\_wavread : yes

Checking if using sink\_wavwrite : yes

Checking for program 'txt2man' : not found

Checking for program 'doxygen' : not found

Checking for program 'sphinx-build' : not found

'configure' finished successfully (7.632s)