**Python(dependency)**

wget <https://www.python.org/ftp/python/3.8.12/Python-3.8.12.tgz>

Extract the package.

tar xvf Python-3.8.12.tgz

Change the created directory:

cd Python-3.8\*/

Setup installation by running the configure script.

./configure --enable-optimizations

Initiate compilation of Python 3.8 on CentOS 7.

sudo make altinstall

If this was successful, you should get a message like below:

.....

copying build/scripts-3.8/pydoc3.8 -> /usr/local/bin

copying build/scripts-3.8/idle3.8 -> /usr/local/bin

copying build/scripts-3.8/2to3-3.8 -> /usr/local/bin

changing mode of /usr/local/bin/pydoc3.8 to 755

changing mode of /usr/local/bin/idle3.8 to 755

changing mode of /usr/local/bin/2to3-3.8 to 755

rm /usr/local/lib/python3.8/lib-dynload/\_sysconfigdata\_\_linux\_x86\_64-linux-gnu.py

rm -r /usr/local/lib/python3.8/lib-dynload/\_\_pycache\_\_

/usr/bin/install -c -m 644 ./Misc/python.man \

/usr/local/share/man/man1/python3.8.1

if test "xupgrade" != "xno" ; then \

case upgrade in \

upgrade) ensurepip="--altinstall --upgrade" ;; \

install|\*) ensurepip="--altinstall" ;; \

esac; \

./python -E -m ensurepip \

$ensurepip --root=/ ; \

fi

Looking in links: /tmp/tmpy9yqf1bp

Collecting setuptools

Collecting pip

Installing collected packages: setuptools, pip

Successfully installed pip-19.2.3 setuptools-41.2.0

Confirm that the installation of Python 3.8 on CentOS 8 / CentOS 7 was successful.

python3.8 –version

Pip is also installed.

pip3.8 --version