

```
$ sudo yum install zlib-devel bzip2-devel openssl-devel ncurses-devel sqlite-devel readline-devel tk-devel gcc
make
$ sudo mv python python.bak
$ sudo wget https://www.python.org/ftp/python/3.7.1/Python-3.7.1.tar.xz
$ sudo mkdir -p /usr/local/python3
$ cd /usr/local/python3
$ sudo tar -zxvf Python-3.7.1.tgz
$ cd Python-3.7.1
$ sudo ./configure prefix=/usr/local/python3
$ sudo ./configure --prefix=/usr/local/python3
$ sudo make && make install
$ sudo ln -s /usr/local/python3/bin/python3 /usr/bin/python
$ cd /usr/bin
$ ll python*
$ sudo ln -s /usr/local/python3/bin/python3 /usr/bin/python
$ sudo ln -s /usr/bin/python2.7 /usr/bin/python2
$ export LANG=zh_CN.UTF-8
$ export LANGUAGE=zh_CN.UTF-8
$ sudo ./configure prefix=/usr/local/python3
$ sudo make && make install
$ sudo ./configure prefix=/usr/local/python3
$ sudo make
$ sudo make install
$ sudo ln -snf /usr/bin/python2.7 /usr/bin/python2
$ python2 -m pip list
$ python3 -m pip list
$ python -m pip install robotframework
$ python -m pip install robotframework -i http://pypi.douban.com/simple
$ sudo vim .pip/pip.conf
$ sudo update-alternatives --config python
$ sudo update-alternatives --install /usr/bin/python python /usr/bin/python2.7 1
$ sudo update-alternatives --install /usr/bin/python python /usr/local/python3 2
$ sudo update-alternatives --install /usr/bin/python python /usr/local/python3/bin/python3
$ update-alternatives --display python
$ sudo update-alternatives --remove python /usr/local/python3/
$ ls [y]thon]
$ sudo rm -f Python-3.6.2.tar.xz
$ sudo rm -f Python-3.7.1.tar.xz
$ sudo find / -name ssl.h
$ cd /usr/include/openssl/
$ cat ssl.h
$ sudo wget install libssl-dev
$ sudo ln -s /usr/local/python3/bin/pip3 pip3
$ ll pip*
$ cd Python-3.7.1
$ sudo ./configure prefix=/usr/local/python3 --with-ssl
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$ sudo make
$ sudo make install
$ sudo ./configure --with-ssl
$ sudo make
$ sudo make install
$ sudo ./configure --enable-optimizations
$ sudo make
$ sudo make install
$ pip3 --trusted-host pypi.python.org install robotframework
$ pip3 --trusted-host pypi.org/simple install robotframework
$ sudo ./configure --prefix=/usr/local/python3 --enable-optimizations --with-ssl
$ sudo make
$ sudo make install
$ pip3 install robotframework -i http://pypi.douban.com/simple
$ sudo vim ~/.pip/pip.comf
$ openssl version

$ sudo wget https://www.python.org/ftp/python/3.6.6/Python-3.6.6.tgz
$ sudo tar xzf Python-3.6.6.tgz
$ cd Python-3.6.6
$ sudo ./configure --enable-optimizations
$ sudo make
$ sudo make install
$ whereis python3.6
$ cd /usr/bin
$ ll python*
$ sudo ln -s /usr/local/bin/python3.6m python3.6
$ ll python*
$ python3.6
$ ll pip*
$ sudo ln -s /usr/local/bin/pip3.6 pip3.6
$ ll pip*
$ pip3.6 list
$ pip3.6 install --upgrade pip
$ sudo pip3.6 install --upgrade pip
$ sudo pip3.6 install robotframework

$ mkdir mkdir Test_Master_5_Min_Py3
$ ls
$ cd Test_Master_5_Min_Py3/
$ git status
$ git init
$ git remote add origin git@code.aliyun.com:ChangK/thejoyrunTestcode.git
$ git pull origin joyrun_for_py3

$ sudo wget install virtualenvwrapper
$ sudo pip install virtualenvwrapper
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```
$ sudo mkvirtualenv -p /usr/bin/python3.6m env36
$ mkvirtualenv
$ mkvirtualenvwrapper
$ sudo pip install virtualenv
$ sudo virtualenv env36m
$ sudo virtualenv -p python3.6 env36m
$ sudo virtualenv --system-site-packages env36m
$ source env36m/bin/activate
$ python --version
$ pybot --version
$ python3 --version
$ python3.7 --version
$ deactivate
$ sudo rm -rf env36m

$ sudo ./configure --enable-shared --enable-loadable-sqlite-extensions

$ sudo update-alternatives --config python
$ python version
$ sudo wget install virtualenvwrapper
$ sudo pip install virtualenvwrapper
$ pip --version
$ ll pip*
$ sudo mkvirtualenv -p /usr/bin/python3.6m env36
$ sudo pip install virtualenv
$ sudo virtualenv env36m
$ sudo virtualenv -p python3.6 env36m
$ sudo virtualenv --system-site-packages env36m
$ source env36m/bin/activate
$ deactivate
$ virtualenv -h
$ sudo rm -rf env36m

$ cd /opt
$ sudo python3 -m venv py3
$ ls
$ source /opt/py3/bin/activate
$ deactivate
$ sudo python3.6 -m venv py3.6
$ source /opt/py3.6/bin/activate
$ python
$ pybot
$ pip list
$ pip robotframework
$ pip --version
$ pip install robotframework
$ sudo pip install robotframework
```

```
$ ./pip install robotframework
$ sudo ./pip install robotframework
$ cd py3.6/bin
$ ls
$ sudo ./pip install robotframework
$ pip list
$ pip install --upgrade pip
$ sudo ./pip install robotframework-requests
$ sudo ./pip install pymysql
$ sudo ./pip install robotframework -databaselibrary
$ sudo ./pip install jsonpointer
$ deactivate
$ cd /var/lib/jenkins/workspace/Joyrun_Server/
$ ls
$ mkdir Online_Master_Day_5_Py3
$ ls
$ cd Online_Master_Day_5_Py3/
$ git init
$ git remote add origin git@code.aliyun.com:ChangK/thejoyrunTestcode.git
$ git pull origin joyrun_for_py3
$ ls
```