

Centos 7重装Python

下载前置组件

```
yum -y install openssl openssl-devel ncurses-devel.x86_64 bzip2-devel sqlite-devel python-devel zlib2
```

获取软件包

```
wget https://www.python.org/ftp/python/2.7.12/Python-2.7.12.tgz
```

创建安装目录

```
mkdir -p /usr/local/python/2.7.12/lib
```

生成makefile

```
./configure --enable-shared --prefix=/usr/local/python/2.7.12  
LDFLAGS="-Wl,-rpath /usr/local/python/2.7.12/lib"
```

编译

```
make && make install && make clean
```

原来的 python2.7.5保留给yum使用，移走并修改yum的配置文件

```
mv /usr/bin/python /usr/bin/python2.7.5
```

修改下面文件的第一行引用/usr/bin/python2.7.5

```
vim /usr/bin/yum  
vim /usr/libexec/urlgrabber-ext-down
```

全局Python使用新装的python2.7.12

```
ln -fs /usr/local/python/2.7.12/bin/python2.7 /usr/bin/python
```

删除所有PIP安装的模块

```
pip freeze --local | grep -v '^-\e' | cut -d = -f 1|xargs -n1 pip  
uninstall -y
```

安装pip模块时出现以下 : Microsoft Visual C++ 9.0 is required < Unable to find vcvarsall.bat>

解决：安装Microsoft Visual C++ Compiler for Python 2.7

PIP相关命令

```
pip list  
pip install <moudel_name> -V <version_num>  
pip uninstall <moudel_name>
```