**一、在linux下安装Python**

**# 下载最新版本**

**cd /usr/local/src/**

**wget http://www.python.org/ftp/python/3.3.2/Python-3.3.2.tar.bz2**

**chmod 777 Python-3.3.2.tar.bz2**

**tar -jx -f Python-3.3.2.tar.bz2**

**# 安装**

**cd Python-3.3.2/**

**./configure --prefix=/usr/local/Python-3.3.2/**

**sudo make**

**sudo make install**

**# 浏览旧版本**

**cd /usr/bin/**

**ls -l python\***

**# 配置新版本：**

**echo $PATH**

**PATH=$PATH:/usr/local/Python-3.3.2/bin**

**echo $PATH**

**# 链接新版本**

**cd /usr/bin/**

**sudo rm -rf python**

**sudo ln -s /usr/local/Python-3.3.2/bin/python3 ./python**

**# 输入python检查是否更新,进入后可输入exit()退出python.**

**python**

**# 还原旧版本：**

**ll python\***

**sudo rm -rf python**

**sudo ln -s /usr/bin/python2.6 ./python**

PS：系统之前目前安装的是Python2.6；后来更新到3.2.2后，编译android源码mm命令出错；  
所以又还原旧版本了。

1. **python安装readline模块 实现自动补全**

**yum安装readline、readline-devel**

**#yum install -y readline-devel**

**下载安装setuptools**

**#wget --no-check-certificate**

**https://pypi.python.org/packages/32/3c/e853a68b703f347f5ed86585c2dd2828a83252e1216c1201fa6f81270578/setuptools-26.1.1.tar.gz#md5=0744ee90ad266fb117d59f94334185d0**

**#tar -zxvf setuptools-26.1.1.tar.gz**

**#cd setuptools-26.1.1**

**#python setup.py install**

**下载安装readline**

**#wget --no-check-certificate https://pypi.python.org/packages/f4/01/2cf081af8d880b44939a5f1b446551a7f8d59eae414277fd0c303757ff1b/readline-6.2.4.1.tar.gz#md5=578237939c81fdbc2c8334d168b17907**

**#tar -zxvf readline-6.2.4.1.tar.gz**

**#cd readline-6.2.4.1**

**#python setup.py install**

**# python**

**Python 2.7.5 (default, Sep 27 2014, 17:30:23)**

**[GCC 4.4.7 20120313 (Red Hat 4.4.7-4)] on linux2**

**Type "help", "copyright", "credits" or "license" for more information.**

**>>> import readline, rlcompleter; readline.parse\_and\_bind("tab: complete")**

**这样就把python自动补全的功能安装完毕**

**如果想启动python编辑器就自动加载，则需要做以下操作**

**切换到python目录，我的系统是/usr/lib/python2.7**

**编辑~/.startup.py脚本**

**#!/usr/bin/python  
import readline, rlcompleter  
readline.parse\_and\_bind("tab: complete")**

**授权**

**#chmod 755 ~/.startup.py**

**修改根目录的~/.bashrc文件**

**添加如下一行**

**export PYTHONSTARTUP=~/.startup.py**

**重新加载环境变量**

**#source ~/.bashrc**

**这样再进入python编辑器就可以自动补全了**

1. **安装setuptools模块时报异常**

**Linux系统自带的python版本是2.6.6, 升级到最新版本3.5.2后，安装setuptools模块时报异常：**

**"Compression requires the (missing) zlib module"RuntimeError: Compression requires the (missing) zlib module**

**需要先安装zlib，再重新编译python，方式两种：**

**1. 用yum**

**yum install zlib**

**yum install zlib-devel**

**zlib安装完成后进入python源码目录执行：**

**make clean**

**make**

**make install**