



链滴

啃下 python（一） -- 环境安装

作者: [yuanhenglizhen](#)

原文链接: <https://ld246.com/article/1545751085393>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

pyenv安装

下载pyenv, 并使其在终端生效

```
git clone https://github.com/yyuu/pyenv.git ~/.pyenv
echo 'export PYENV_ROOT="$HOME/.pyenv"' >> ~/.bash_profile
echo 'export PATH="$PYENV_ROOT/bin:$PATH"' >> ~/.bash_profile
echo 'eval "$(pyenv init -)"' >> ~/.bash_profile
```

重启shell终端

exec \$SHELL

安装python3.7.1

安装相关依赖

```
yum install zlib-devel bzip2 bzip2-devel readline-devel sqlite sqlite-devel openssl-devel xz xz-devel libffi-devel -y
```

使用pyenv安装3.7.1

```
pyenv install 3.7.1
```

这边时间稍微长点

安装python虚拟环境

```
git clone https://github.com/yyuu/pyenv-virtualenv.git ~/.pyenv/plugins/pyenv-virtualenv
echo 'eval "$(pyenv virtualenv-init -)"' >> ~/.bash_profile
exec $SHELL
eval "$(pyenv virtualenv-init -)"
pyenv virtualenv 3.7.1 dev
pyenv local dev
```

```
cd /home/dev
```



```
Last login: Sat Dec 15 23:12:49 2018 from 172.16.7
[root@localhost ~]# cd /home/dev/
(dev) [root@localhost dev]# ll
总用量 0
```

这边就可以在dev下虚拟一个开发用的环境



```
[root@localhost ~]# cat ~/.pyenv/versions/dev/lib/python3.7/site-packages/
easy_install.py      pip-10.0.1.dist-info/  __pycache__/         setuptools-39.0.1.dist-info/
pip/                 pkg_resources/         setuptools/
[root@localhost ~]# cat ~/.pyenv/versions/dev/lib/python3.7/site-packages/
```

dev下的3.7.1的第三方包处于这个地方

安装ipython

```
mkdir /root/.pip
touch .pip/pip.conf
echo "[global]
index-url=https://mirrors.aliyun.com/pypi/simple/
[install]
trusted-host=mirrors.aliyun.com" > .pip/pip.conf
```

pip install ipython jupyter

jupyter notebook

```
(dev) [root@localhost dev]# jupyter notebook --allow-root
[I 00:14:40.531 NotebookApp] 启动notebooks 在本地路径: /home/dev
[I 00:14:40.531 NotebookApp] 本程序运行在: http://localhost:8888/?token=2918d04f3fd18c5cd6f049bf5a0f7bb22c375ed9dcae1acb
[I 00:14:40.531 NotebookApp] 使用 control-c 停止此服务器并关闭所有内核 (两次跳过确认).
[W 00:14:40.537 NotebookApp] 没有找到web浏览器: could not locate runnable browser.
[C 00:14:40.537 NotebookApp]

To access the notebook, open this file in a browser:
    file:///run/user/0/jupyter/nbserver-127812-open.html
Or copy and paste one of these URLs:
    http://localhost:8888/?token=2918d04f3fd18c5cd6f049bf5a0f7bb22c375ed9dcae1acb
```

新建一个目录

```
mkdir -p /root/.jupyter
```

jupyter notebook passwd

jupyter notebook --ip=0.0.0.0



杂谈

pyenv shell global local 这三个区别

- 1.shell会话级别
- 2.global影响全局, 影响面大, 不建议
- 3.local当前 推荐使用