**安装使用jupyter（原来的notebook）**

1。安装pyzmq

使用pip install pyzmq,安装不成功。

使用easy\_install.exe pyzmq，安装成功。

2.安装tornado

pip tornado

安装完尚不成功，继续找

3.安装jinja2

pip install jinja2

4.

运行依旧不成功，提示错误：

IPython notebook format depends on the jsonschema package:

<https://pypi.python.org/pypi/jsonschema>

Please install it first.

继续安装：

pip install jsonschema

按照提示安装完成。

运行：ipython notebook

参考<https://www.digitalocean.com/community/tutorials/how-to-set-up-a-jupyter-notebook-to-run-ipython-on-ubuntu-16-04>

**如何在ubuntu下安装jupyter和IRKernel**

jupyter的文档相对少，且不完善，特将自己的安装心得记录如下，以供同路人使用。

**首先安装需要的基础包**

sudo apt-get install libzmq3-dev libssh2-1-dev python3-pip build-essential python3-dev libcurl4-openssl-dev libxml2-dev

**增加rstudio的安装源**

Add this line to /etc/apt/sources.list  
deb <http://mirror.lzu.edu.cn/CRAN/> trusty/

sudo apt-key adv --keyserver keyserver.ubuntu.com --recv-keys E084DAB9

**继续安装需要的基础包**

sudo apt-get update  
sudo apt-get upgrade

**装r-base**

sudo apt-get install r-base

**安装R kernel for Jupyter**

install.packages(c('crayon', 'pbdZMQ', 'devtools'))

devtools::install\_github(paste0('IRkernel/', c('repr', 'IRdisplay', 'IRkernel')))

还是在R环境里：

The kernel spec can be installed for the current user with the following line from R:

> IRkernel::installspec()

To install system-wide, set user to False in the installspec command:

>IRkernel::installspec(user = FALSE)

参考

<https://irkernel.github.io/installation/#linux-panel>

<http://www.jianshu.com/p/7c62e9915770>

<http://blog.csdn.net/reallocing1/article/details/51396539>

**使用**

jupyter notebook

jupyter notebook --no-browser

jupyter notebook --port 9999

jupyter notebook --help

jupyter notebook --ip=0.0.0.0 #外部访问

#常用：jupyter notebook --no-browser --port 8888 --ip=0.0.0.0

<http://www.tuicool.com/articles/7zeInyu>

**How to install Jupyter with R Kernel in Ubuntu 14.04**

[0 Comments](https://raonyguimaraes.com/how-to-install-jupyter-with-r-kernel-in-ubuntu-14-04/#disqus_thread)

1. sudo apt-get install libzmq3-dev libssh2-1-dev python3-pip build-essential python3-dev

Add this line to /etc/apt/sources.list

deb http://cran.rstudio.com/bin/linux/ubuntu trusty/

1. sudo apt-key adv --keyserver keyserver.ubuntu.com --recv-keys E084DAB9
2. sudo apt-get update
3. sudo apt-get upgrade
4. sudo pip3 install -I path.py==7.7.1
5. sudo pip3 install jupyter zmq

**Installing R kernel for Jupyter**

1. install.packages("devtools")
2. library("devtools")
3. install\_github("rgbkrk/rzmq")
4. install.packages(c('rzmq','repr','IRkernel','IRdisplay'), repos = c('http://irkernel.github.io/', getOption('repos')), type = 'source')
5. IRkernel::installspec()

Errors received during install (all were solved):  
static\_assert(ZMQ\_VERSION\_MAJOR >= 3,”The minimum required version of libzmq is  
^  
make: \*\*\* [interface.o] Error 1

ERROR: dependency ‘xml2’ is not available for package ‘rversions’  
\* removing ‘/home/raony/R/x86\_64-pc-linux-gnu-library/3.0/rversions’  
ERROR: dependency ‘rversions’ is not available for package ‘devtools’  
\* removing ‘/home/raony/R/x86\_64-pc-linux-gnu-library/3.0/devtools’

<https://raonyguimaraes.com/how-to-install-jupyter-with-r-kernel-in-ubuntu-14-04/>