

# 工作记录1之装机

2016-09-01 10:11:43

1.装机必备：搜狗输入法，chrome浏览器，svn，mysql，java JDK，python，R，以及编辑器，用户界面等等，还有实用的护眼小工具 2.r，python中的好用的包，下一步详细到来 [JAVA Install Oracle JDK by this guide](#). Note: Chapter “JAVA JDK 7” R PPA repository

Run terminal Create new file “r-base.list” by command `sudo nano /etc/apt/sources.list.d/r-base.list` Paste these lines into the file `# R-Base repository deb http://mirrors.nic.cz/R/bin/linux/ubuntu trusty/` Save and exit Import repository signature `sudo apt-key adv --keyserver keyserver.ubuntu.com --recv-keys E084DAB9` Update APT `sudo apt-get update` Install R `sudo apt-get install r-base r-base-dev r-cran-rjava r-cran-xml libxml2-dev` Install RStudio Doanload and install RStudio from the webFix R and RStudio issues with rJava package Open R running script `sudo nano /usr/bin/R` Add line below after first two lines of comments `unset JAVA_HOME` after your modification R file should starts with line `#!/bin/bash # Shell wrapper for R executable. unset JAVA_HOME ...` Move rstudio to new file rstudio-original `sudo mv /usr/lib/rstudio/bin/rstudio /usr/lib/rstudio/bin/rstudio-original` Create script rstudio `sudo nano /usr/lib/rstudio/bin/rstudio` Paste lines below to the file `#!/bin/sh unset JAVA_HOME /usr/lib/rstudio/bin/rstudio-original $1` Make rstudio file executable `sudo chmod a+x /usr/lib/rstudio/bin/rstudio` Run R JAVA reconfiguration by command `sudo R CMD javareconf` Done, you can work on your scientific projects now. Enjoy it! If you want work with MySQL Database in R, you have to install RMySQL package. There is very simple guide how you can install it. Open terminal and install dependencies first `sudo apt-get install libdbd-mysql libmysqlclient-dev` Run R or RStudio and install RMySQL package `install.packages('RMySQL')` `sudo add-apt-repository ppa:ubuntu-desktop/ubuntu-make` `sudo apt-get update` `sudo apt-get install ubuntu-make umake ide pycharm` `sudo apt-get install git python-appindicator python-xdg python-pexpect python-gconf python-gtk2 python-glade2`