Setting Up The R Environment in The Ubuntu Shell

James Young

Part 1

#Open the command line terminal

#In bash, start by preparing the environment as outlined below

sudo apt update

sudo apt install software-properties-common

#Then run the following code to set up more specifically for R

#<https://cloud.r-project.org/bin/linux/ubuntu/#get-5000-cran-packages>

sudo apt update -qq

sudo apt install --no-install-recommends software-properties-common dirmngr

wget -qO- https://cloud.r-project.org/bin/linux/ubuntu/marutter\_pubkey.asc **|** sudo tee -a /etc/apt/trusted.gpg.d/cran\_ubuntu\_key.asc

sudo add-apt-repository "deb https://cloud.r-project.org/bin/linux/ubuntu $(lsb\_release -cs)-cran40/"

sudo apt install --no-install-recommends r-base

sudo add-apt-repository ppa:c2d4u.team/c2d4u4.0+

#More setup specifically for R

#<https://linuxize.com/post/how-to-install-r-on-ubuntu-18-04/>

sudo apt install apt-transport-https software-properties-common

sudo apt-key adv --keyserver keyserver.ubuntu.com --recv-keys E298A3A825C0D65DFD57CBB651716619E084DAB9

sudo add-apt-repository 'deb [https://cloud.r-project.org/bin/linux/ubuntu bionic-cran35/](https://cloud.r-project.org/bin/linux/ubuntu%20bionic-cran35/)'

sudo apt update

sudo apt-get update -y

sudo apt-get install -y libssl-dev

sudo apt-get install -y libcurl4-openssl-dev

sudo apt-get install -y libxml2-dev

sudo apt-get install -y r-cran-stringi

sudo apt-get install -y r-cran-alltheotherpackagesyouneed