

Systems Note 32

R on Linux

Hardware - Mac mini (2018)

OS - macOS Catalina 10.15.5

Emulation - VirtualBox 6.1.12 r139181 (Qt5.6.3) at install time

Emulated OS - Ubuntu 20

In ubuntu `uname -a` shows Linux 5.4.0-42-generic #46-Ubuntu SMP Fri Jul 10 2020 x86_64 x3 GNU/Linux

In terminal

```
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/'
```

```
sudo apt update
```

```
sudo apt install r-base
```

R

```
Setting up r-base-html (3.6.3-2) ...  
Setting up liblapack-dev:amd64 (3.9.0-1build1) ...  
update-alternatives: using /usr/lib/x86_64-linux-gnu/lapack/liblapack.so to provide /usr/lib/x  
86_64-linux-gnu/liblapack.so (liblapack.so-x86_64-linux-gnu) in auto mode  
Setting up r-cran-matrix (1.2-18-1bionic0) ...  
Setting up r-cran-mgcv (1.8-31-1cran1bionic0) ...  
Setting up r-base-dev (3.6.3-2) ...  
Setting up r-cran-class (7.3-17-1.1804.0) ...  
Setting up r-cran-survival (3.1-12-1cran1.1804.0) ...  
Setting up r-cran-rpart (4.1-15-2bionic0) ...  
Setting up r-recommended (3.6.3-2) ...  
Setting up r-base (3.6.3-2) ...  
Processing triggers for desktop-file-utils (0.24-1ubuntu3) ...  
Processing triggers for mime-support (3.64ubuntu1) ...  
Processing triggers for hicolor-icon-theme (0.17-2) ...  
Processing triggers for gnome-menus (3.36.0-1ubuntu1) ...  
Processing triggers for libc-bin (2.31-0ubuntu9) ...  
Processing triggers for man-db (2.9.1-1) ...  
Processing triggers for tex-common (6.13) ...  
Processing triggers for install-info (6.7.0.dfsg.2-5) ...  
bunsen@bunsen-ub20:~$ which R  
/usr/bin/R  
bunsen@bunsen-ub20:~$ R  
  
R version 3.6.3 (2020-02-29) -- "Holding the Windsock"  
Copyright (C) 2020 The R Foundation for Statistical Computing  
Platform: x86_64-pc-linux-gnu (64-bit)  
  
R is free software and comes with ABSOLUTELY NO WARRANTY.  
You are welcome to redistribute it under certain conditions.  
Type 'license()' or 'licence()' for distribution details.  
  
Natural language support but running in an English locale  
  
R is a collaborative project with many contributors.  
Type 'contributors()' for more information and  
'citation()' on how to cite R or R packages in publications.  
  
Type 'demo()' for some demos, 'help()' for on-line help, or  
'help.start()' for an HTML browser interface to help.  
Type 'q()' to quit R.  
  
> |
```