

R Installation Guide

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1 Installation

1.1 Installing R

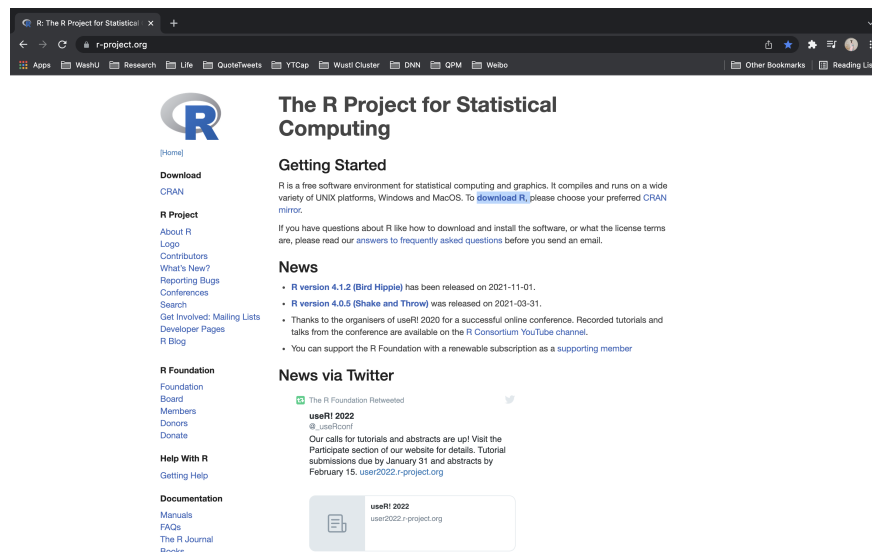


Figure 1: The R Project for Statistical Computing

Just follow the standard installation instructions and you should be good! If you are on a Linux computer, you are probably already super familiar with what you need to do here.

1.2 Installing RStudio (IDE)

- R Studio makes using R a lot easier!
- They are now under the bigger association POSIT

R offers a `help()` function that you can use when you encounter unfamiliar operators, functions, packages, etc. You can also use the shortcut “?” symbol to do the same.

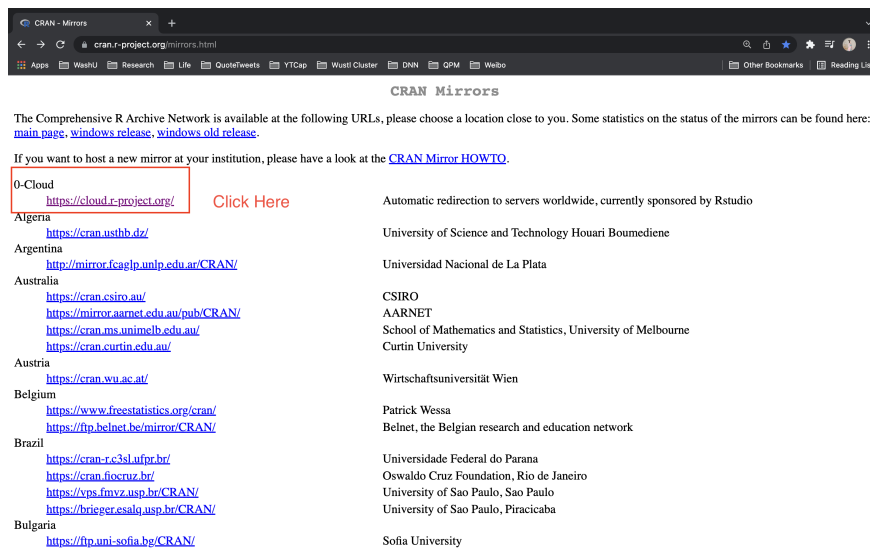


Figure 2: CRAN Mirrors

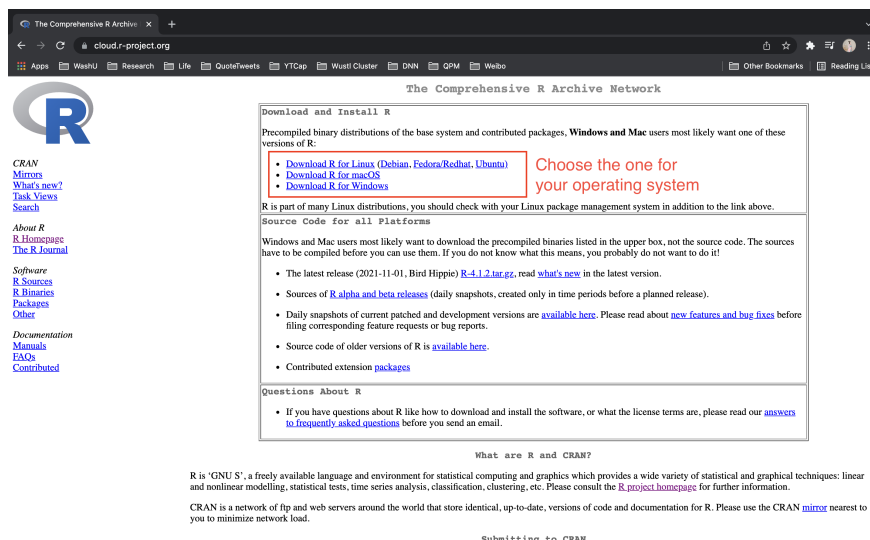


Figure 3: Choose your OS

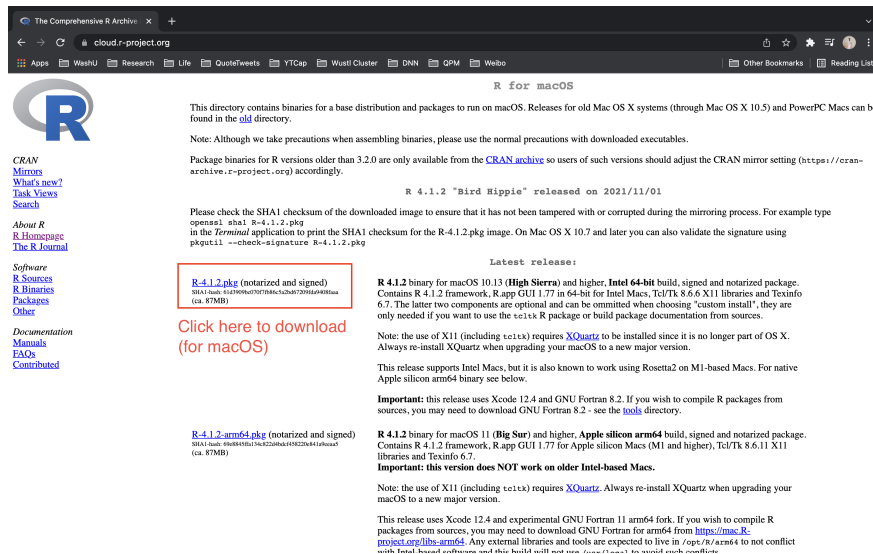


Figure 4: macOS download

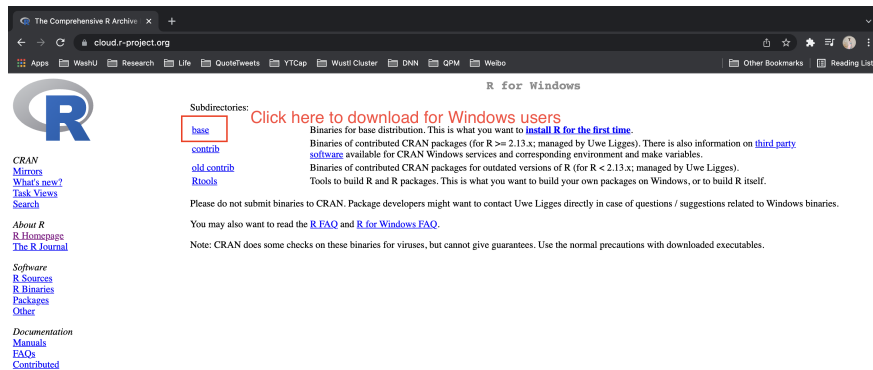


Figure 5: Windows download

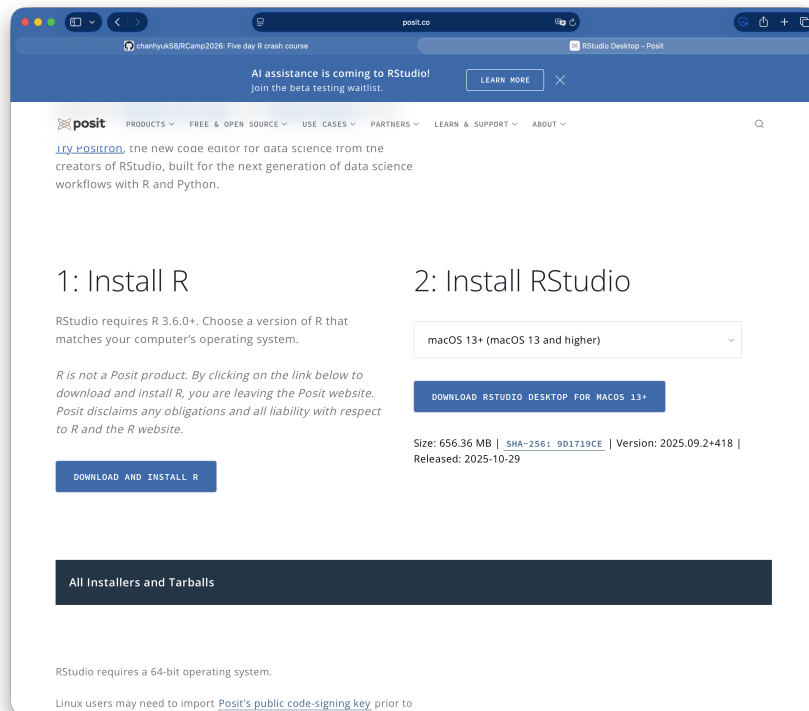


Figure 6: RStudio download page

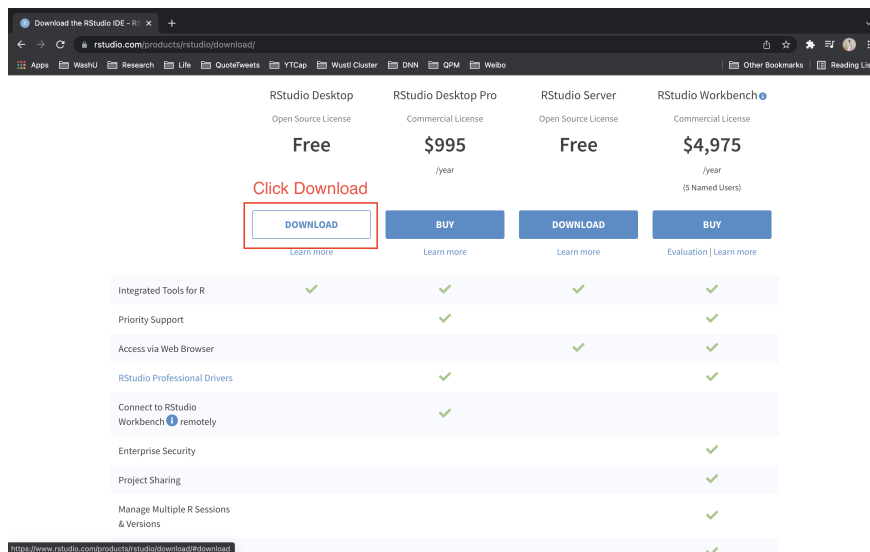


Figure 7: Download RStudio Desktop (free version)

All Installers

Linux users may need to import RStudio's [public code-signing key](#) prior to installation, depending on the operating system's security policy.

RStudio requires a 64-bit operating system. If you are on a 32-bit system, you can use an older version of RStudio.

OS	Download	Size	SHA-256
Windows 10	RStudio-2021.09.1-372.exe	156.89 MB	1c3d27f5
macOS 10.14+	RStudio-2021.09.1-372.dmg	203.00 MB	daec6a40
Ubuntu 18/Debian 10	rstudio-2021.09.1-372-amd64.deb	117.89 MB	921b4f23
Fedora 19/Red Hat 7	rstudio-2021.09.1-372-x86_64.rpm	133.83 MB	f1be5948
Fedora 28/Red Hat 8	rstudio-2021.09.1-372-x86_64.rpm	133.85 MB	ba36870d
Debian 9	rstudio-2021.09.1-372-amd64.deb	118.10 MB	637cd465
OpenSUSE 15	rstudio-2021.09.1-372-x86_64.rpm	119.78 MB	678d020e

Zip/Tarballs

OS	Zip/tar	Size	SHA-256
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Figure 8: Choose the one for your OS

```
help("%*%") # special characters
?mean # alphanumeric
help("+")
```

1.3 In-class exercises:

1. Install the latest version of R on your computer. <https://www.r-project.org/>
2. Install RStudio. <https://www.rstudio.com/products/rstudio/download/>
3. Create your first R script, and name it *my_script.r* .