

Install R


Step 1

- ☐ Download R: <https://cran.r-project.org/mirrors.html>
- ☐ Choose a mirror, it doesn't matter which, by clicking on any one of the URLs below the country names.

CRAN Mirrors	
The Comprehensive R Archive Network is available at the following URLs, please choose a location close to you. Some statistics on the status of the mirrors can be found here: main page , windows release , windows old release .	
If you want to host a new mirror at your institution, please have a look at the CRAN Mirror HOWTO .	
0-Cloud	https://cloud.r-project.org/ Automatic redirection to servers worldwide, currently sponsored by Posit
Argentina	http://mirror.fcaglp.unlp.edu.ar/CRAN/ Universidad Nacional de La Plata
Australia	https://cran.csiro.au/ CSIRO https://mirror.aarnet.edu.au/pub/CRAN/ AARNET https://cran.ms.unimelb.edu.au/ School of Mathematics and Statistics, University of Melbourne
Austria	https://cran.wu.ac.at/ Wirtschaftsuniversität Wien
Belgium	https://www.freeststatistics.org/cran/ Patrick Wessa https://ftp.belnet.be/mirror/CRAN/ Belnet, the Belgian research and education network
Brazil	https://cran-r.c3sl.ufpr.br/ Universidade Federal do Parana https://vps.fmvz.usp.br/CRAN/ University of Sao Paulo, Sao Paulo https://brieger.esalq.usp.br/CRAN/ University of Sao Paulo, Piracicaba
Bulgaria	https://ftp.uni-sofia.bg/CRAN/ Sofia University

Step 2

- ☐ Choose the appropriate option based on the operating system of your computer.



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The Comprehensive R Archive Network


Download and Install R

Precompiled binary distributions of the base system and contributed packages, **Windows and Mac** users most likely want one of these versions of R:

- [Download R for Linux \(Debian, Fedora/Redhat, Ubuntu\)](#)
- [Download R for macOS](#)
- [Download R for Windows](#)

Step 3 - Windows users

- ☐ Click “install R for the first time.”



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R for Windows


Subdirectories:

- [base](#) Binaries for base distribution. This is what you want to [install R for the first time](#).
- [contrib](#) Binaries of contributed CRAN packages (for R >= 4.0.x).
- [old contrib](#) Binaries of contributed CRAN packages for outdated versions of R (for R < 4.0.x).
- [Rtools](#) Tools to build R and R packages. This is what you want to build your own packages on Windows, or to build R itself.

Please do not submit binaries to CRAN. Package developers might want to contact Uwe Ligges directly in case of questions / suggestions related to Windows binaries.

Step 3 - Windows users continued

- ☐ Click the link to Download R for Windows.



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R-4.5.1 for Windows

[Download R-4.5.1 for Windows](#) (86 megabytes, 64 bit)
[README on the Windows binary distribution](#)
[New features in this version](#)

This build requires UCRT, which is part of Windows since Windows 10 and Windows Server 2016. On older systems, UCRT has to be installed manually from [here](#).

If you want to double-check that the package you have downloaded matches the package distributed by CRAN, you can compare the [md5sum](#) of the .exe to the [fingerprint](#) on the master server.

- ☐ Save the file to your downloads folder.
- ☐ Locate the file and double-click it to execute the installation of the software.
- ☐ Use the default options that are suggested.
- ☐ After the installation, you will have two icons on your desktop – “Rx64 x.x.x” and “Ri386 x.x.x”. Use Rx64 x.x.x if you are running 64bit Windows or Ri386 x.x.x if you are using 32bit Windows. x.x.x represents the installed version number.

Step 3 - Mac users

- ☐ Select the most recent version of R for installation.

	Latest release:
Software R Sources R Binaries Packages Task Views Other	For Apple silicon (M1,2,...) Macs: R 4.5.1 binary for macOS 11 (Big Sur) and higher, signed and notarized packages. R-4.5.1-arm64.pkg SHA1: hash: 0db802f60e544168794a6d648c73a48c2b51a5d (ca. 97MB, notarized and signed)
Documentation Manuals FAQs	Contains R 4.5.1 framework, R.app GUI 1.82, Tcl/Tk 8.6.12 X11 libraries and Texinfo 6.8. The latter two components are optional and can be omitted when choosing "custom install", they are only needed if you want to use the tcltk R package or build package documentation from sources.
Donations	For older Intel Macs: R-4.5.1-x86_64.pkg SHA1: hash: 5384a1b3458a28030fc043e64c113c3af40f4c58 (ca. 100MB, notarized and signed) macOS Ventura users: there is a known bug in Ventura preventing

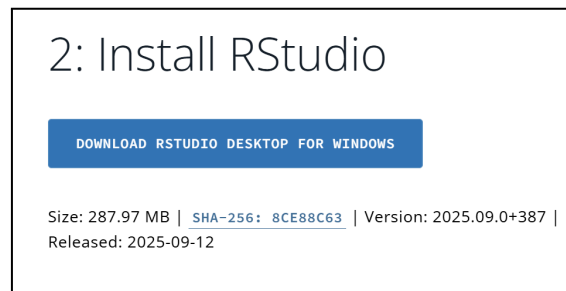
- ☐ Save the file to your downloads folder.
- ☐ Locate the file and double-click it to execute the installation of the software.
- ☐ Use the default options that are suggested.
- ☐ After the installation, you will find the R.app in your Applications folder on your Mac.

Install RStudio

Step 1

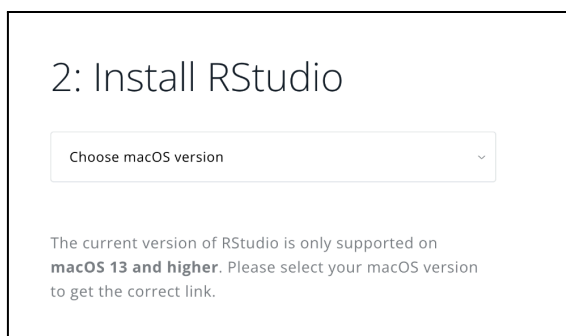
- ☐ Please ensure that you have Installed R before you install RStudio.
- ☐ Go to: <https://posit.co/download/rstudio-desktop/>

The page will recognize your operating system. If it does not, scroll further down the page to select from a list of all operating systems.



Step 2 - Windows

- ☐ Click to download the file and save the file to your downloads folder.
- ☐ Locate the file and double-click it to execute the installation of the software.
- ☐ Use the default options that are suggested.
- ☐ After installation locate the RStudio icon on your desktop.



Step 2 - Mac

- ☐ Click to download the file and save the file to your downloads folder.
- ☐ Locate the file and double-click it to open the dmg file.
- ☐ Drag the RStudio icon to the Application folder..
- ☐ After the installation, you will find the RStudio.app in your Applications folder on your Mac.