

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](#).

O-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/ https://mirror.aarnet.edu.au/pub/CRAN/ https://cran.ms.unimelb.edu.au/	CSIRO AARNET School of Mathematics and Statistics, University of Melbourne
Austria	https://cran.wu.ac.at/	Wirtschaftsuniversität Wien
Belgium	https://www.freestatistics.org/cran/ https://ftp.belnet.be/mirror/CRAN/	Patrick Wessa Belnet, the Belgian research and education network
Brazil	https://cran-r.c3sl.ufpr.br/ https://vps.fmvz.usp.br/CRAN/ https://brieger.esalq.usp.br/CRAN/	Universidade Federal do Paraná University of São Paulo, São Paulo University of São 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.

The Comprehensive R Archive Network



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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."



[CRAN Mirrors](#) [What's new?](#) [Search](#) [CRAN Team](#) [About R](#)

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old_contrib	Binaries of contributed CRAN packages for outdated versions of R (for R 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.

The screenshot shows the CRAN R-4.5.1 for Windows download page. At the top is the R logo and the text "R-4.5.1 for Windows". Below that is a button labeled "Download R-4.5.1 for Windows (86 megabytes, 64 bit)". Underneath the button are links for "README on the Windows binary distribution" and "New features in this version". To the left of the main content is a sidebar with links: "CRAN Mirrors", "What's new?", "Search", "CRAN Team", and "About R". A note at the bottom states: "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.

The screenshot shows the CRAN Software page for Mac users. On the left is a sidebar with links: "Software", "R Sources", "R Binaries", "Packages", "Task Views", "Other", "Documentation", "Manuals", "FAQs", and "Donations". The main content area is titled "Latest release:" and contains information for Apple silicon (M1,2,..) Macs. It says: "For Apple silicon (M1,2,..) Macs: R 4.5.1 binary for macOS 11 (**Big Sur**) and higher, signed and notarized packages." Below this is a table with two rows. The first row is for "R-4.5.1-arm64.pkg" and the second for "R-4.5.1-x86_64.pkg". Both rows show SHA1 hash values and file sizes (ca. 97MB and ca. 100MB respectively). To the right of the table is a note: "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." At the bottom is a note for macOS Ventura users: "macOS Ventura users: there is a known bug in Ventura preventing".

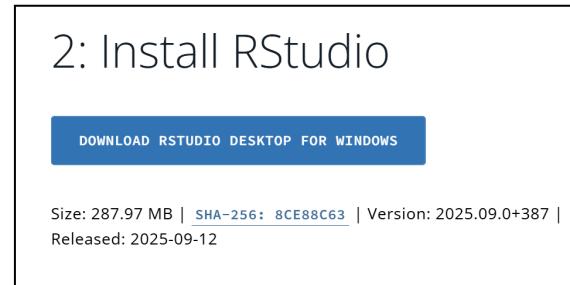
- Save the file to your downloads folder.
- Locate the file and double-click it to execute the installation of the software.
- Use the default options that are suggested.
- After the installation, you will find the R.app in your Applications folder on your Mac.

Install RStudio

Step 1

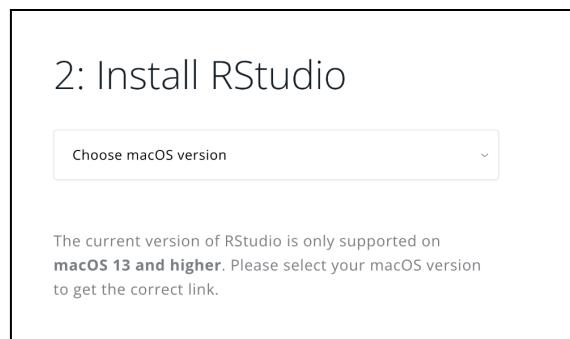
- Please ensure that you have Installed R before you install RStudio.
- Go to: <https://posit.co/download/rstudio-desktop/>

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.