

# How to Download R Onto Your System

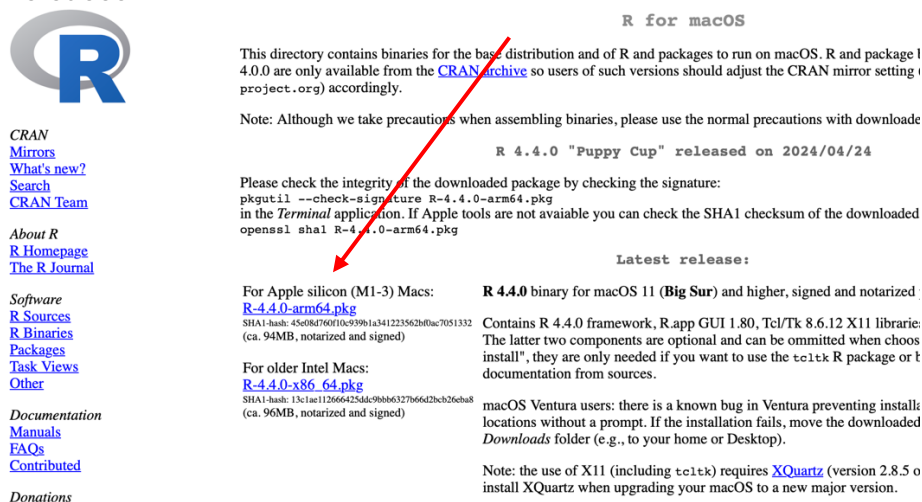
Sara Jamshidi, May 2024

This document contains directions for how to download R onto your system. The first section is written for Mac users and the second section for Windows users.

**Note:** Make sure you have administrator privileges to install R on your computer.

## For Mac

1. Go to the Comprehensive R Archive Network (or CRAN) website here: <https://cran.r-project.org>
2. Click on the "Download R for macOS" link in the top of the page.
3. Click the appropriate version of R for your Mac operating system under "Latest Releases".



**R for macOS**

This directory contains binaries for the base distribution and of R and packages to run on macOS. R and package 4.0.0 are only available from the [CRAN archive](https://cran.r-project.org) so users of such versions should adjust the CRAN mirror setting (project.org) accordingly.

Note: Although we take precautions when assembling binaries, please use the normal precautions with downloaded files.

**R 4.4.0 "Puppy Cup" released on 2024/04/24**

Please check the integrity of the downloaded package by checking the signature:  
pkgutil --check-signature R-4.4.0-arm64.pkg  
in the *Terminal* application. If Apple tools are not available you can check the SHA1 checksum of the downloaded package:  
openssl sha1 R-4.4.0-arm64.pkg

**Latest release:**

**R 4.4.0** binary for macOS 11 (**Big Sur**) and higher, signed and notarized.  
Contains R 4.4.0 framework, R.app GUI 1.80, Tcl/Tk 8.6.12 X11 libraries.  
The latter two components are optional and can be omitted when choosing "minimal" installation. If you want to use the tcltk R package or tcltk documentation from sources.

macOS Ventura users: there is a known bug in Ventura preventing installation at certain locations without a prompt. If the installation fails, move the downloaded file to your home or Desktop.

Note: the use of X11 (including tcltk) requires [XQuartz](https://xquartz.m1info.net/) (version 2.8.5 or later). Install XQuartz when upgrading your macOS to a new major version.

**For Apple silicon (M1-3) Macs:**  
[R-4.4.0-arm64.pkg](#)  
SHA1-hash: 45e08d760f10e939b1a341223562b0ac7051332  
(ca. 94MB, notarized and signed)

**For older Intel Macs:**  
[R-4.4.0-x86\\_64.pkg](#)  
SHA1-hash: 13c1ae112664254e998b6327b66d2bcb25e8a8  
(ca. 96MB, notarized and signed)


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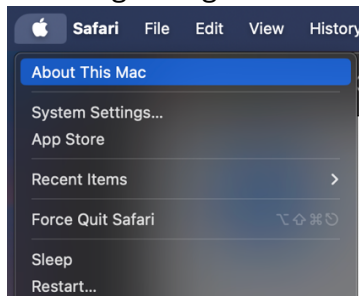
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If you are not sure which system you have, click on the apple icon  in the upper, left corner of your screen and select **About This Mac** from the dropdown menu. The resulting dialog box will tell you everything you need to know.



4. Once the download is complete, locate the downloaded file (it will be named based on the version you downloaded, like "R-4.4.0-arm64.pkg") and double-click on it to open the installation process.
5. Follow the prompts to install R on your Mac.

6. Once the installation is complete, verify that R.app is in your Applications folder.

## For Windows

1. Go to the R website at <https://cran.r-project.org>
2. Click on the "Download R for Windows" link in the top of the page.
3. Select the appropriate version of R for your Windows operating system (e.g., R-4.0.2).
4. Click the "base" link.

**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.

You may also want to read the [R FAQ](#) and [R for Windows FAQ](#).

Note: CRAN does some checks on these binaries for viruses, but cannot give guarantees. Use the normal precautions with downloaded executables.

Then click the "Download R" link. **NOTE** that if you are working from something older than Windows 10, you will need to do this download manually.

**R-4.4.0 for Windows**

[Download R-4.4.0 for Windows](#) (82 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.

5. Once the download is complete, locate the downloaded file (it should be named based on the version, like "R-4.4.0-win.exe") and double-click on it to open the installation process.
6. Follow the prompts to install R on your Windows system.
7. Once the installation is complete, verify that R has been downloaded by finding the R icon in your Start menu or by using Spotlight search.