

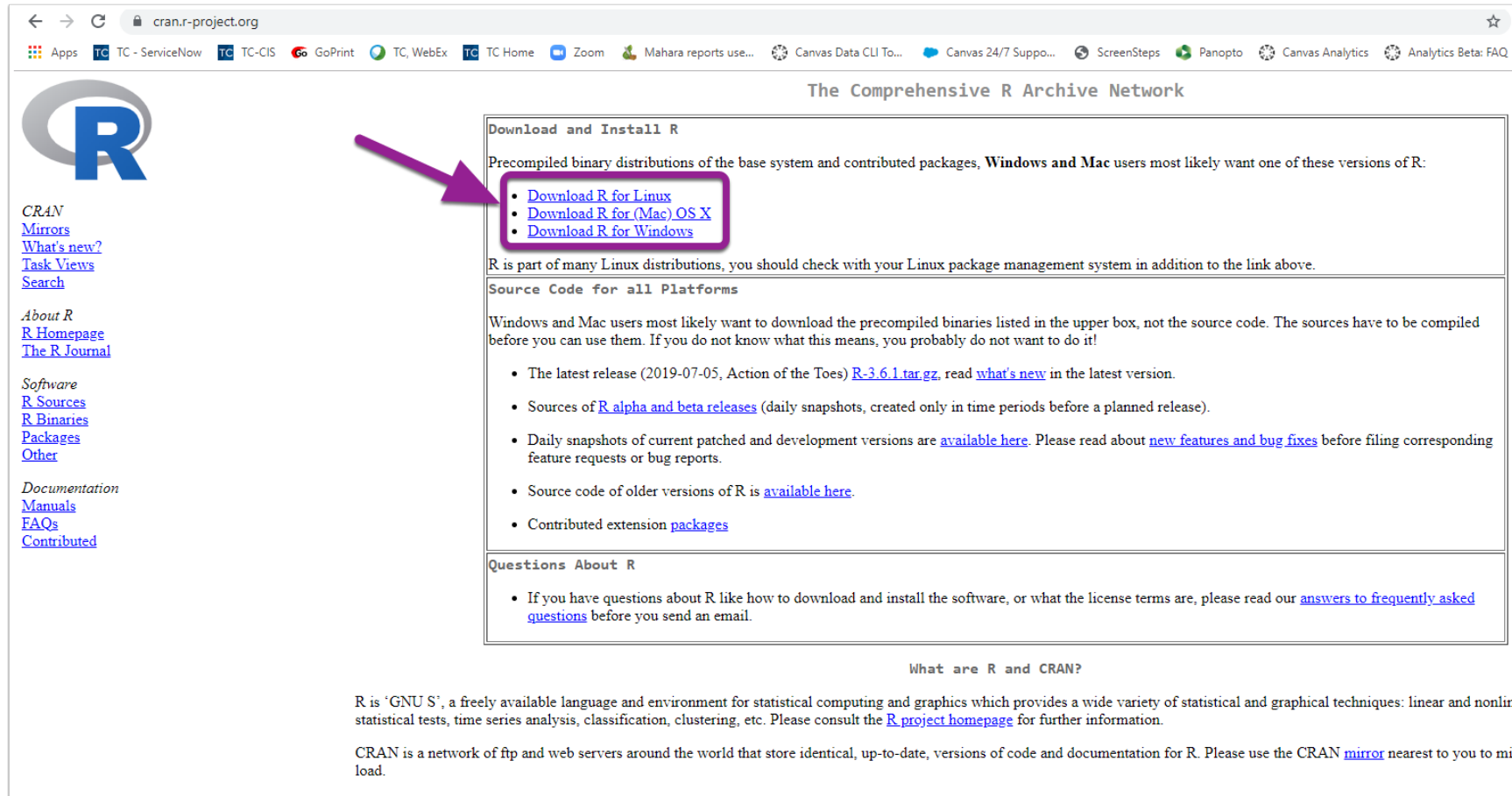
# Downloading R and Rstudio

Step by step (windows)

# 1. To install R, go to [cran.r-project.org](https://cran.r-project.org)

- Open your web browser and go to the R Project website:  
<https://cran.r-project.org/>.

## 2. Depending on your operating system, click Download R for your operating system.



The screenshot shows the CRAN website (cran.r-project.org) with a purple arrow pointing to the download links. The page is titled "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](#)
- [Download R for \(Mac\) OS X](#)
- [Download R for Windows](#)

R is part of many Linux distributions, you should check with your Linux package management system in addition to the link above.

**Source Code for all Platforms**

Windows and Mac users most likely want to download the precompiled binaries listed in the upper box, not the source code. The sources have to be compiled before you can use them. If you do not know what this means, you probably do not want to do it!

- The latest release (2019-07-05, Action of the Toes) [R-3.6.1.tar.gz](#), read [what's new](#) in the latest version.
- Sources of [R alpha and beta releases](#) (daily snapshots, created only in time periods before a planned release).
- Daily snapshots of current patched and development versions are [available here](#). Please read about [new features and bug fixes](#) before filing corresponding feature requests or bug reports.
- Source code of older versions of R is [available here](#).
- Contributed extension [packages](#)

**Questions About R**

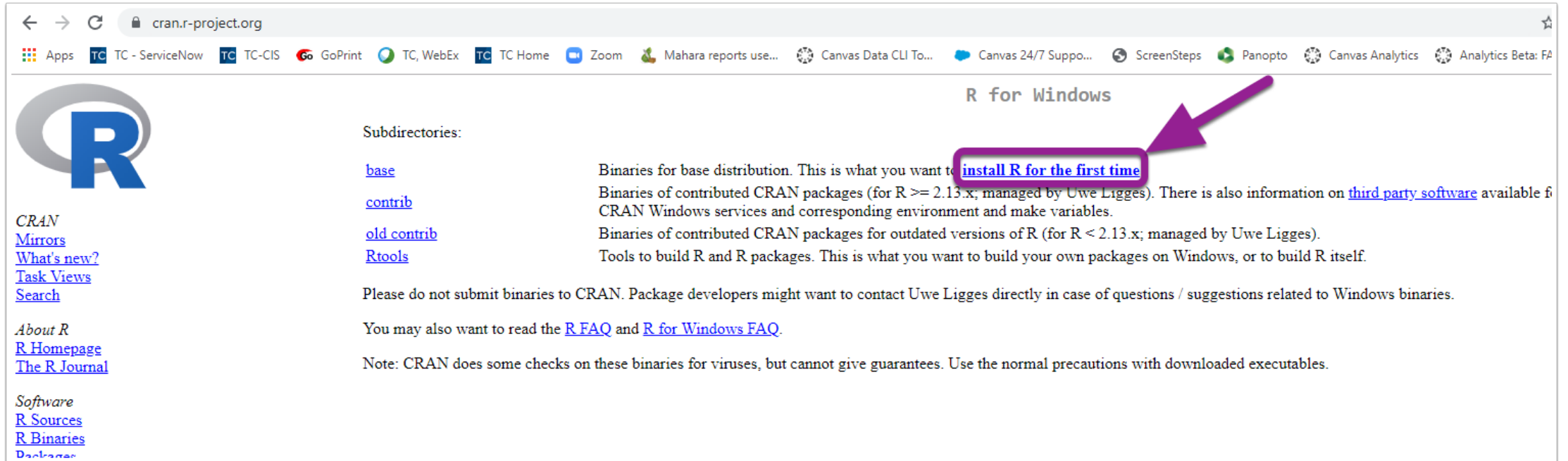
- If you have questions about R like how to download and install the software, or what the license terms are, please read our [answers to frequently asked questions](#) before you send an email.

**What are R and CRAN?**

R is 'GNU S', a freely available language and environment for statistical computing and graphics which provides a wide variety of statistical and graphical techniques: linear and nonlinear statistical tests, time series analysis, classification, clustering, etc. Please consult the [R project homepage](#) for further information.

CRAN is a network of ftp and web servers around the world that store identical, up-to-date, versions of code and documentation for R. Please use the CRAN [mirror](#) nearest to you to min load.

### 3. Click on install R for the first time.



The screenshot shows the CRAN R for Windows website. The browser address bar displays 'cran.r-project.org'. The page features the R logo on the left and a list of subdirectories in the center. A purple arrow points to the link 'install R for the first time' within the 'base' subdirectory description.

cran.r-project.org

Apps TC - ServiceNow TC - CIS GoPrint TC, WebEx TC TC Home Zoom Mahara reports use... Canvas Data CLI To... Canvas 24/7 Suppo... ScreenSteps Panopto Canvas Analytics Analytics Beta: FA

## 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  $\geq$  2.13.x; managed by Uwe Ligges). There is also information on [third party software](#) available for CRAN Windows services and corresponding environment and make variables.
- [old contrib](#): Binaries of contributed CRAN packages for outdated versions of R (for R  $<$  2.13.x; managed by Uwe Ligges).
- [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.

**Left sidebar links:**

- CRAN
- [Mirrors](#)
- [What's new?](#)
- [Task Views](#)
- [Search](#)
- About R
- [R Homepage](#)
- [The R Journal](#)
- Software
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# 4. Click Download R for Windows. Open the downloaded file.



CRAN

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[Contributed](#)

R-4.3.0 for Windows

[Download R-4.3.0 for Windows](#) (79 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.

Frequently asked questions

- [Does R run under my version of Windows?](#)
- [How do I update packages in my previous version of R?](#)

Please see the [R FAQ](#) for general information about R and the [R Windows FAQ](#) for Windows-specific information.

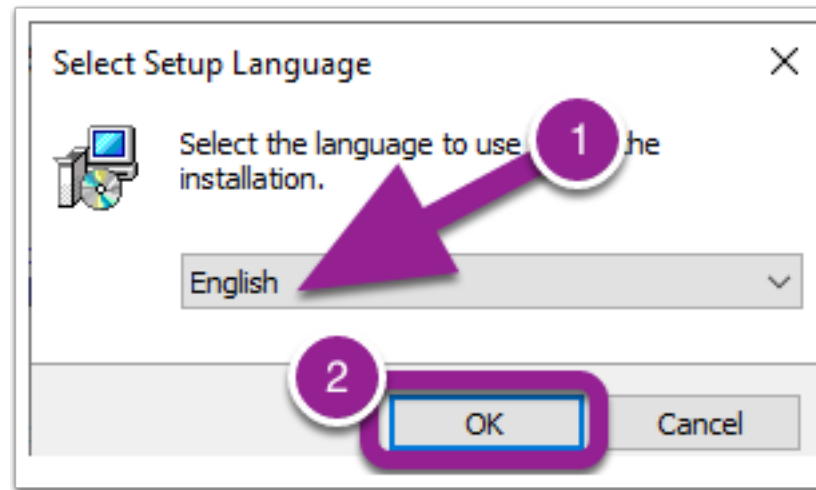
Other builds

- Patches to this release are incorporated in the [r-patched snapshot build](#).
- A build of the development version (which will eventually become the next major release of R) is available in the [r-devel snapshot build](#).
- [Previous releases](#)

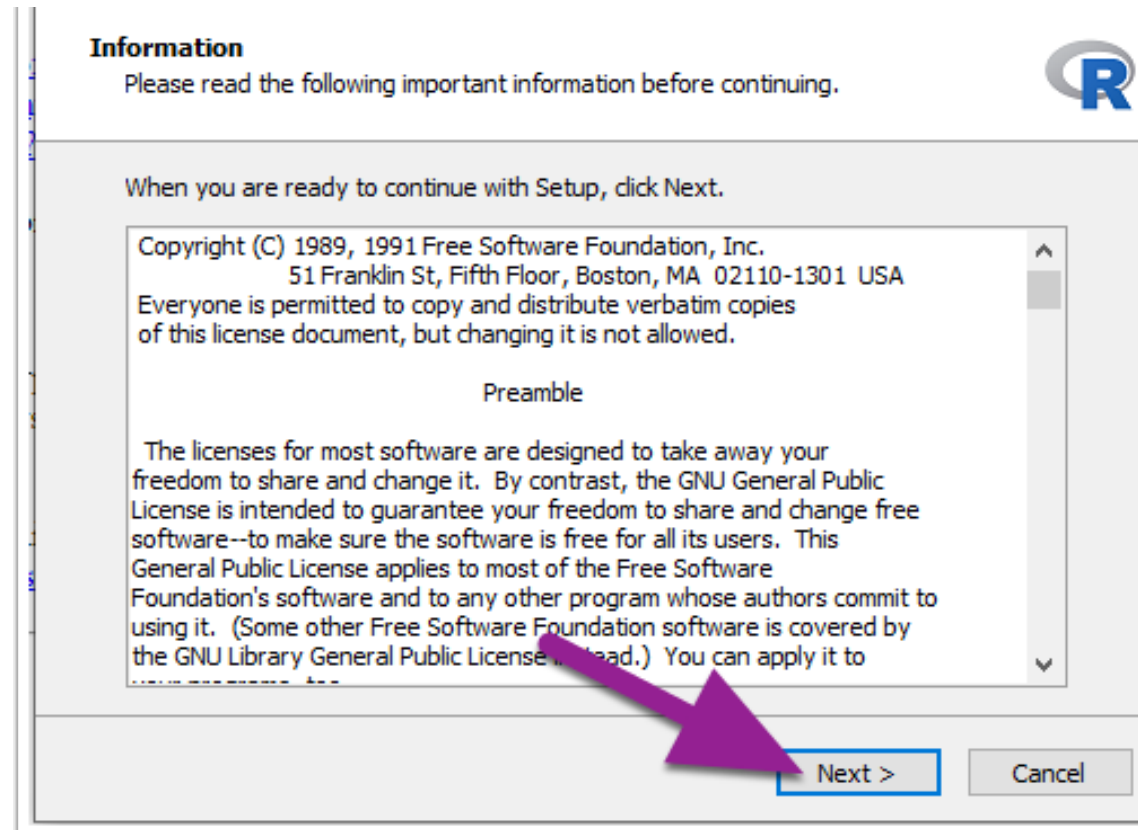
Note to webmasters: A stable link which will redirect to the current Windows binary release is [http://<CRAN\\_MIRROR>/bin/windows/base/release.html](http://<CRAN_MIRROR>/bin/windows/base/release.html).

Last change: 2023-04-21

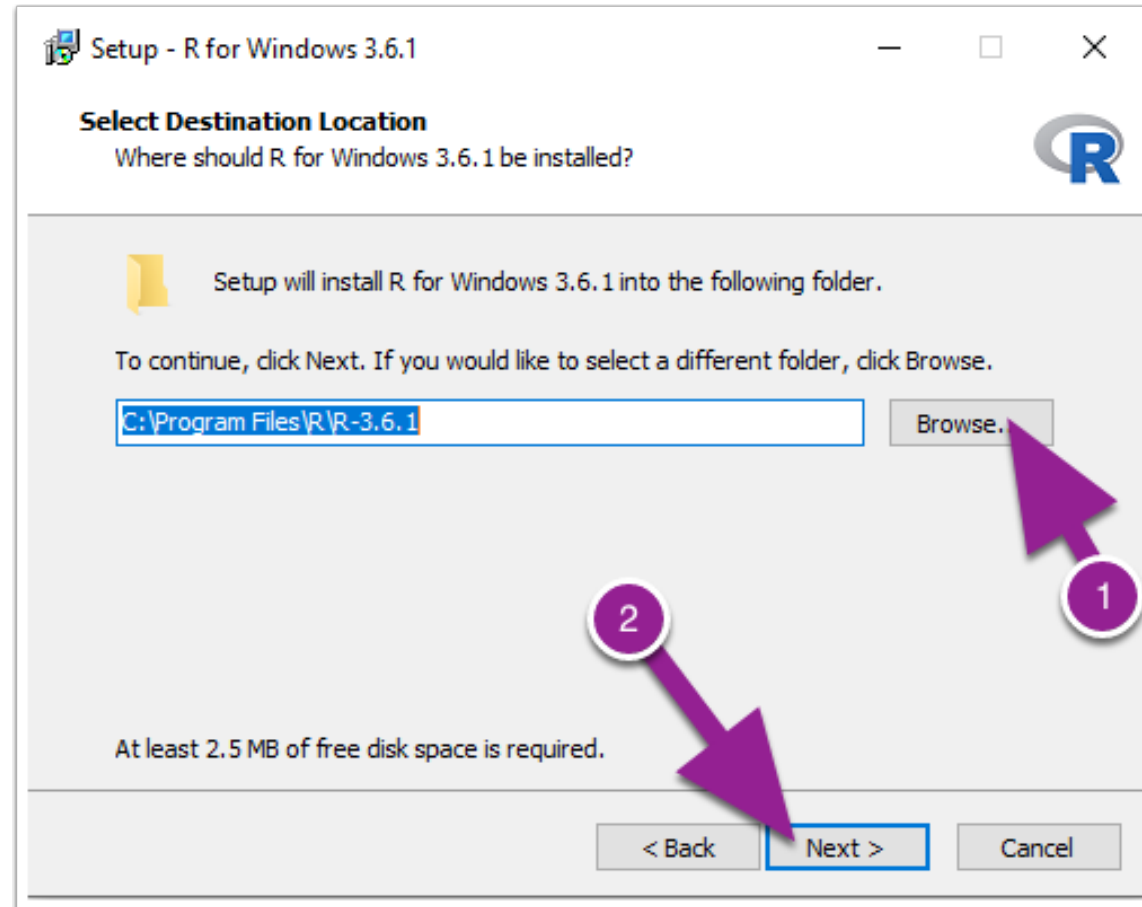
5. Select the language you would like to use during the installation. Then click OK.



## 6. Click Next.

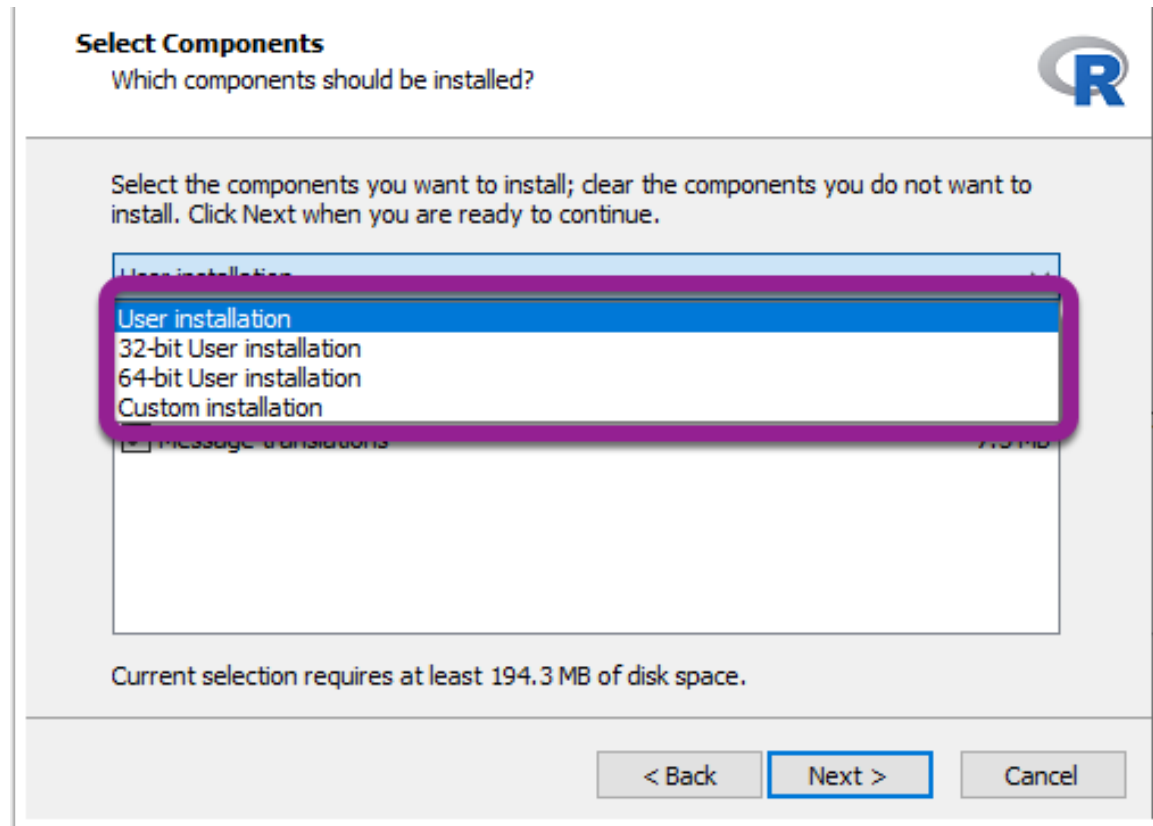


7. Select where you would like R to be installed. It will default to your Program Files on your C Drive. Click Next.

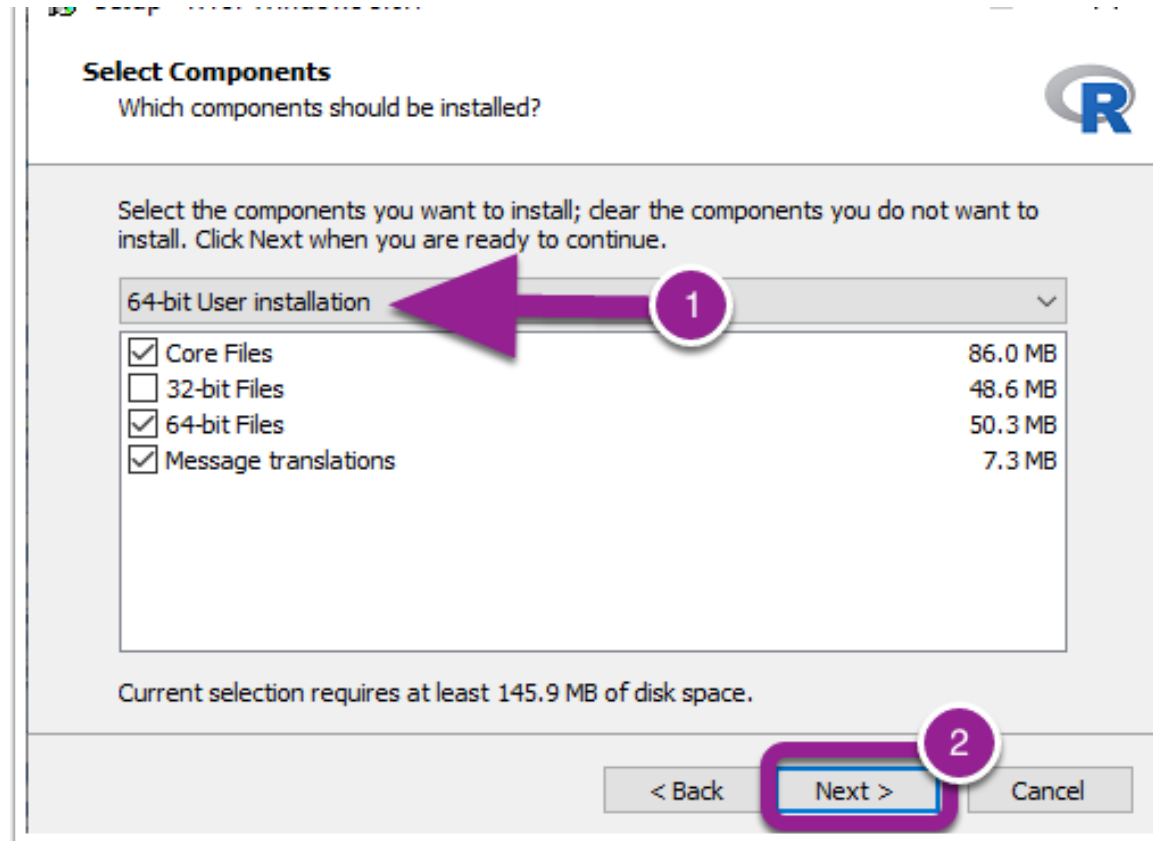




8. You can then choose which installation you would like.



9. (Optional) If your computer is a 64-bit, you can choose the 64-bit User Installation. Then click Next.



10. Then specify if you want to customized your startup or just use the defaults. Then click Next.

**Startup options**

Do you want to customize the startup options?

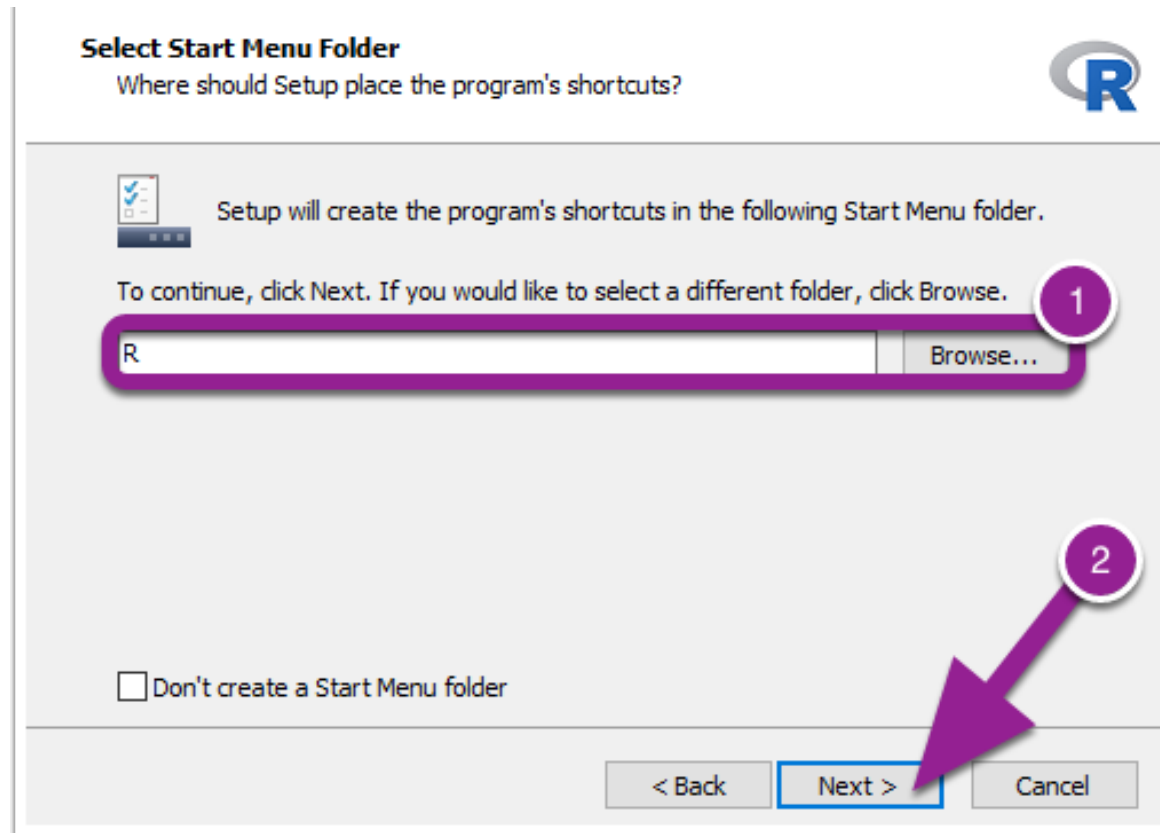
Please specify yes or no, then Next.

☐ Yes (customized startup)

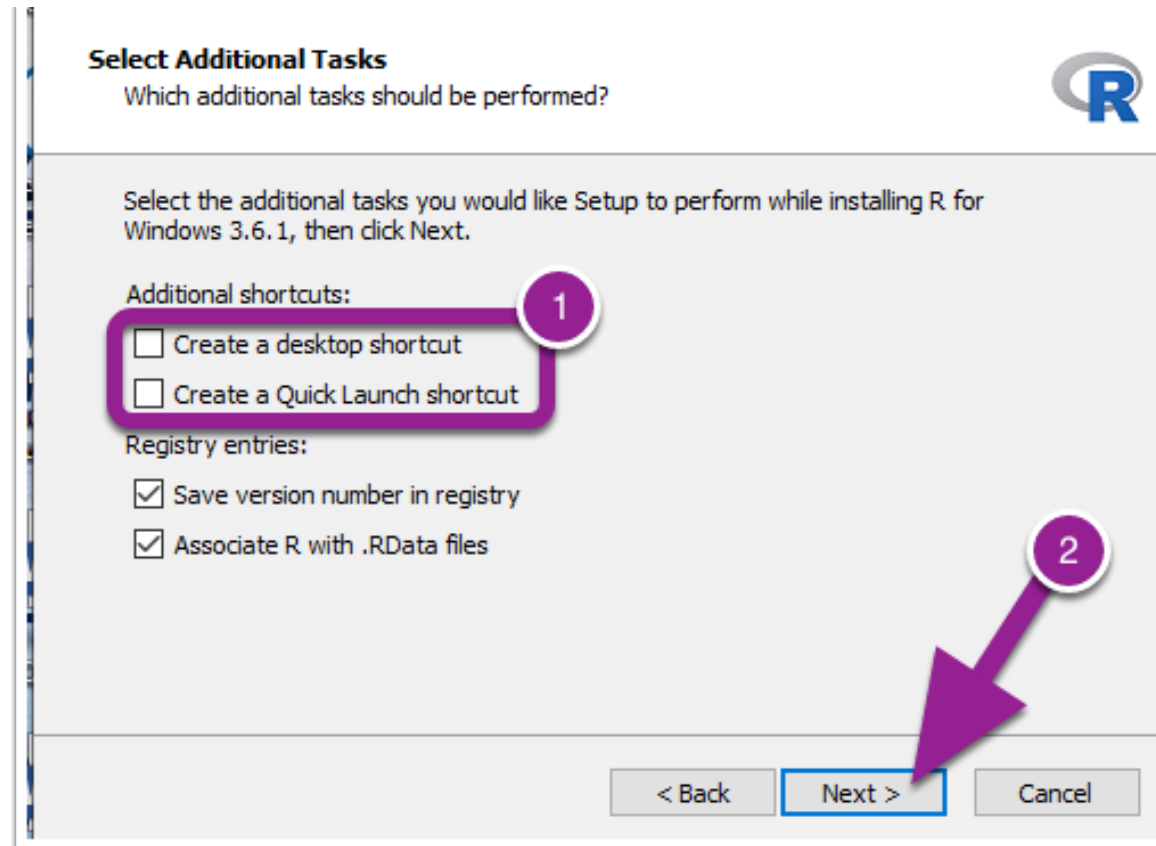
☒ No (accept defaults)

< Back   **Next >**   Cancel

11. Then you can choose the folder that you want R to be saved within or the default if the R folder that was created.  Once you have finished, click Next.



12. You can then select additional shortcuts if you would like. Click Next. Then finish.



13. Next, download RStudio. Go to [www.rstudio.com](https://www.rstudio.com), Click Download RStudio.



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PRICING

DOWNLOAD RSTUDIO

DOWNLOAD

# RStudio IDE

The most popular coding environment for R, built with love by Posit.

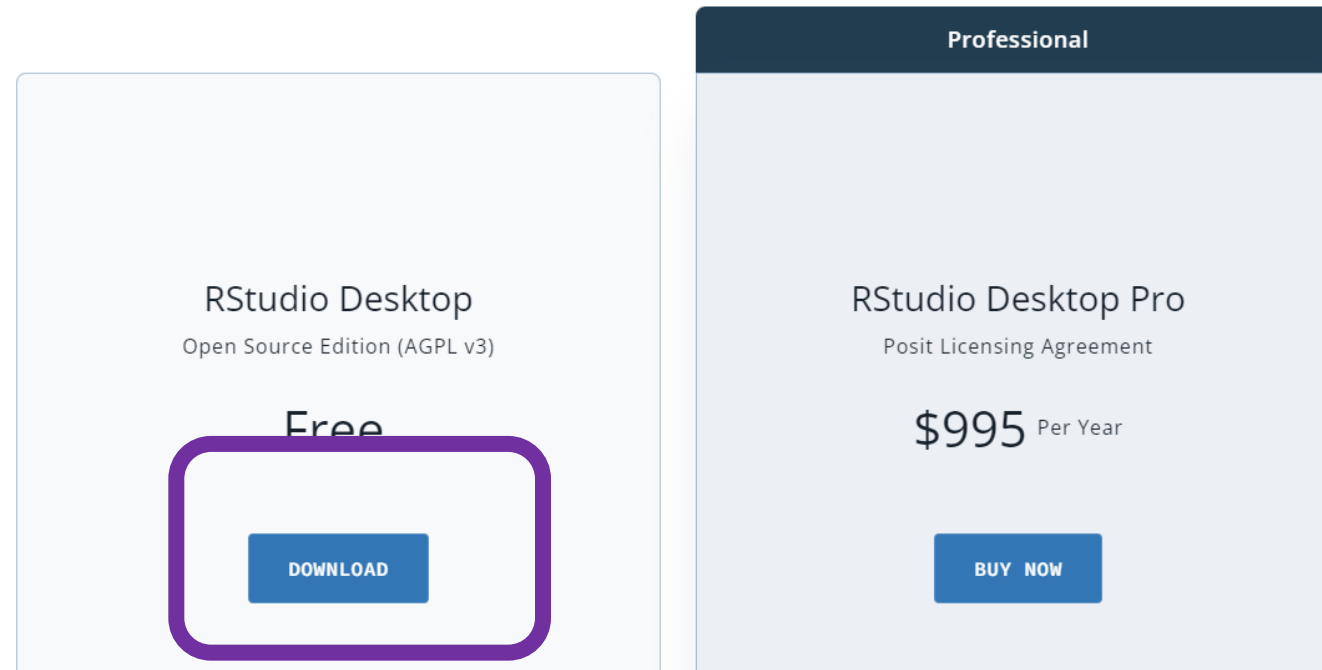
Used by millions of people weekly, the RStudio integrated development environment (IDE) is a set of tools built to help you be more productive with R and Python. It includes a console, syntax-highlighting editor that supports direct code execution. It also features tools for plotting, viewing history, debugging and managing your workspace.

RStudio Desktop




RStudio Server





# 14. Click Download under RStudio Desktop-Open Source Edition

Download RStudio



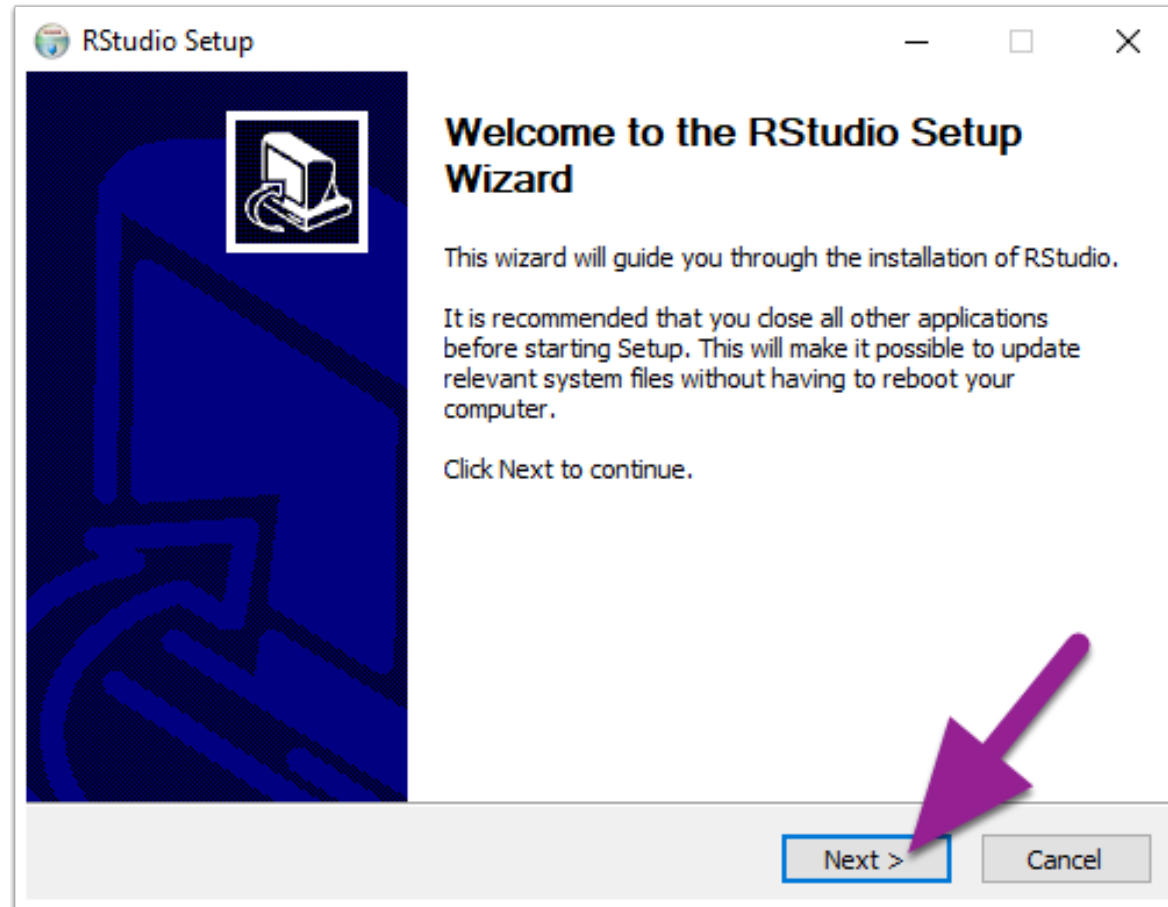
15. Click on the operating system that you are working with.



OS	Download	Size	SHA-256
Windows 10/11	<a href="#">RSTUDIO-2023.03.1-446.EXE</a> 	208.07 MB	<a href="#">8DCB7103</a>
macOS 11+	<a href="#">RSTUDIO-2023.03.1-446.DMG</a> 	381.89 MB	<a href="#">1AB19F28</a>
Ubuntu 18/Debian 10	<a href="#">RSTUDIO-2023.03.1-446-AMD64.DEB</a> 	137.83 MB	<a href="#">2E803082</a>
Ubuntu 20/Debian 11	<a href="#">RSTUDIO-2023.03.1-446-AMD64.DEB</a> 	137.83 MB	<a href="#">2E803082</a>



16. The RStudio installation wizard will pop-up. Click Next and go through the installation steps.



17. Congratulations! You have now installed R and RStudio.