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Step 1: Download R (for Windows)

1. Go to <https://cran.r-project.org/>
2. Select “Download R for Windows”

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](#)

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 (2022-06-23, Funny-Looking Kid) [R-4.2.1.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

3. Select “install R for the first time”

R for Windows

Subdirectories:

[base](#) Binaries for base distributions. You want to [install R for the first time](#).

[contrib](#) Binaries of contributed CRAN packages (for R >= 3.4.x).

[old contrib](#) Binaries of contributed CRAN packages for outdated versions of R (for R < 3.4.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.

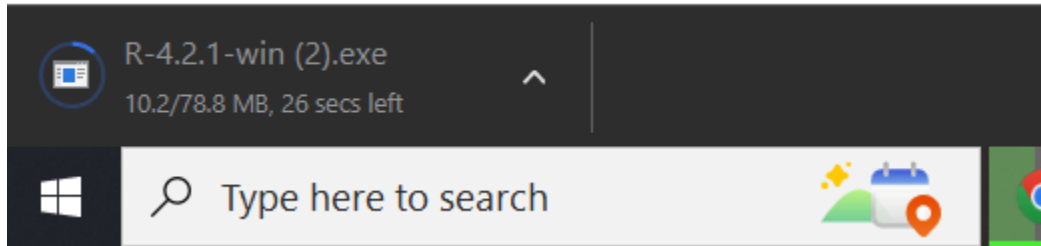
4. Select “Download R-4.3.2 for Windows”

R-4.3.2 for Windows



[Download R-4.3.2 for Windows](#) (109 megabytes, 64 bit)
[R-4.3.2 on the Windows binary distribution](#)
[New features in this version](#)


5. The .exe file will download, click to open it once the download is complete.



6. If a window pops up asking if you want to allow R to make changes to the device, select “yes” and continue to follow the prompts for installation and setup of R.

Step 2: Download Rstudio

1. After you have downloaded and installed R, go to <https://www.rstudio.com/products/rstudio/download/>
2. Scroll down the page until you see the version options and select the free download.

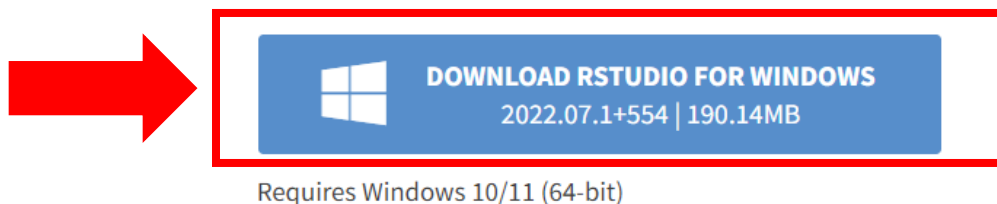
	RStudio Desktop	RStudio Desktop Pro	RStudio Server	RStudio Workbench
	Open Source License	Commercial License	Open Source License	Commercial License
	Free	\$995 /year	Free	\$4,975 /year (5 Named Users)
	 DOWNLOAD	BUY	DOWNLOAD	BUY
	Learn more	Learn more	Learn more	Evaluation Learn more
Integrated Tools for R	✓	✓	✓	✓
Priority Support		✓		✓
Access via Web Browser			✓	✓

3. Select “Download Rstudio for Windows”

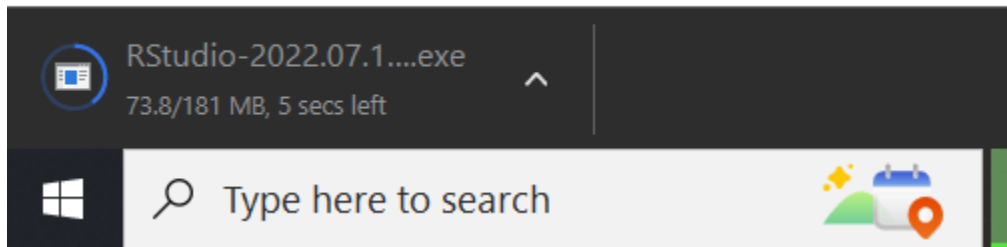
RStudio Desktop 2022.07.1+554 - [Release Notes](#)

1. Install R. RStudio requires R 3.3.0+ [↗](#).

2. Download RStudio Desktop. Recommended for your system:



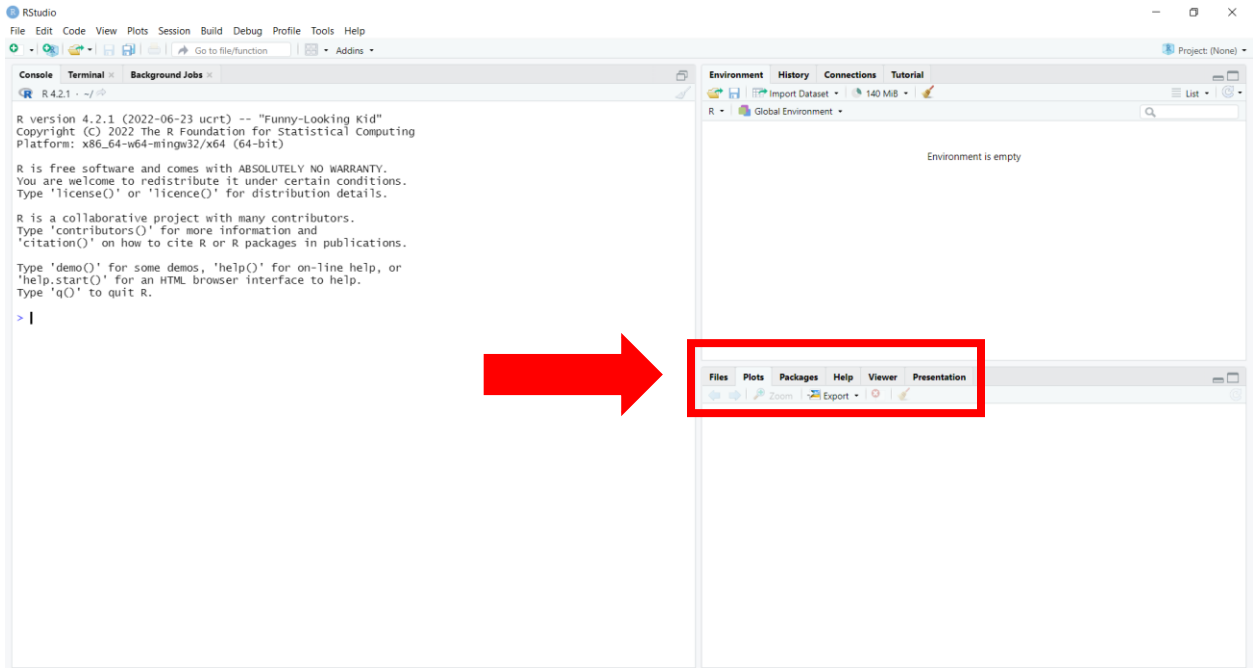
4. The .exe file will download, click to open it once the download is complete.



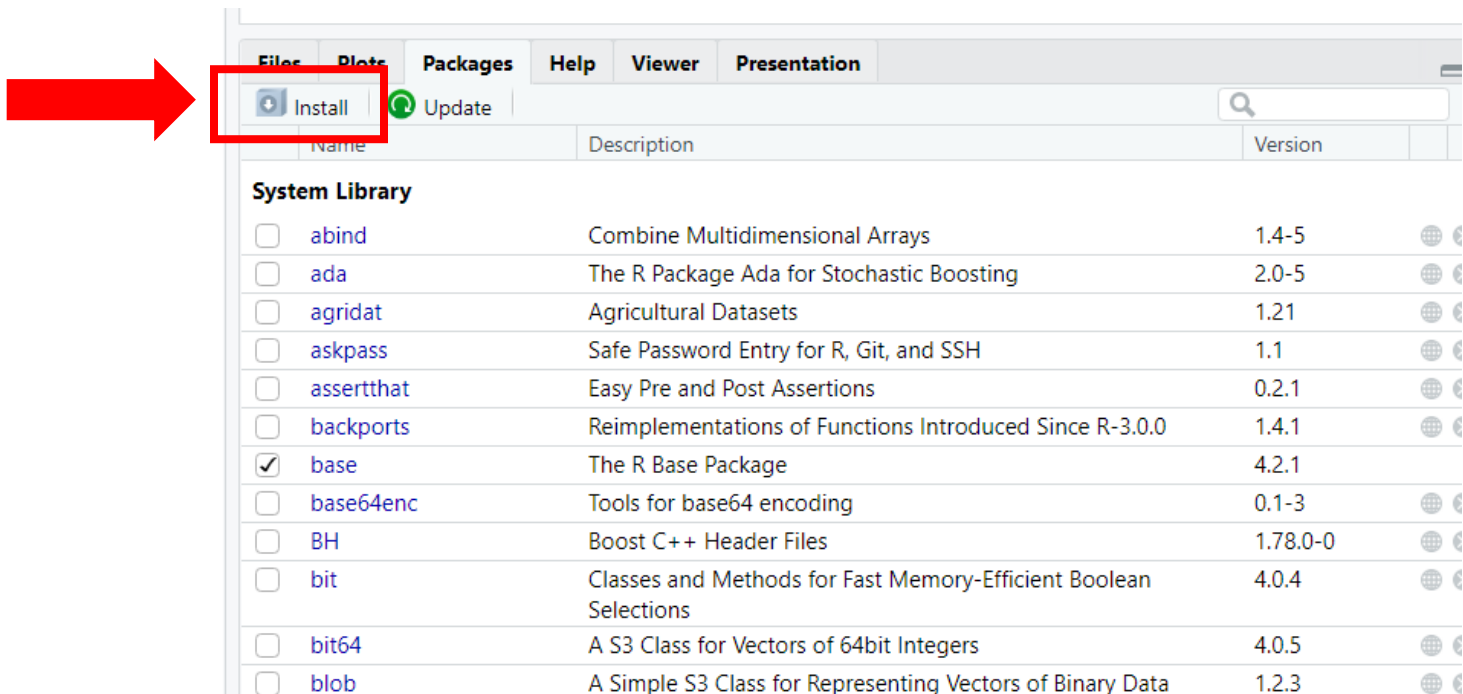
5. If a window pops up asking if you want to allow Rstudio to make changes to the device, select "yes" and continue to follow the prompts for installation and setup of Rstudio.

Step 3: Install a publicly available package

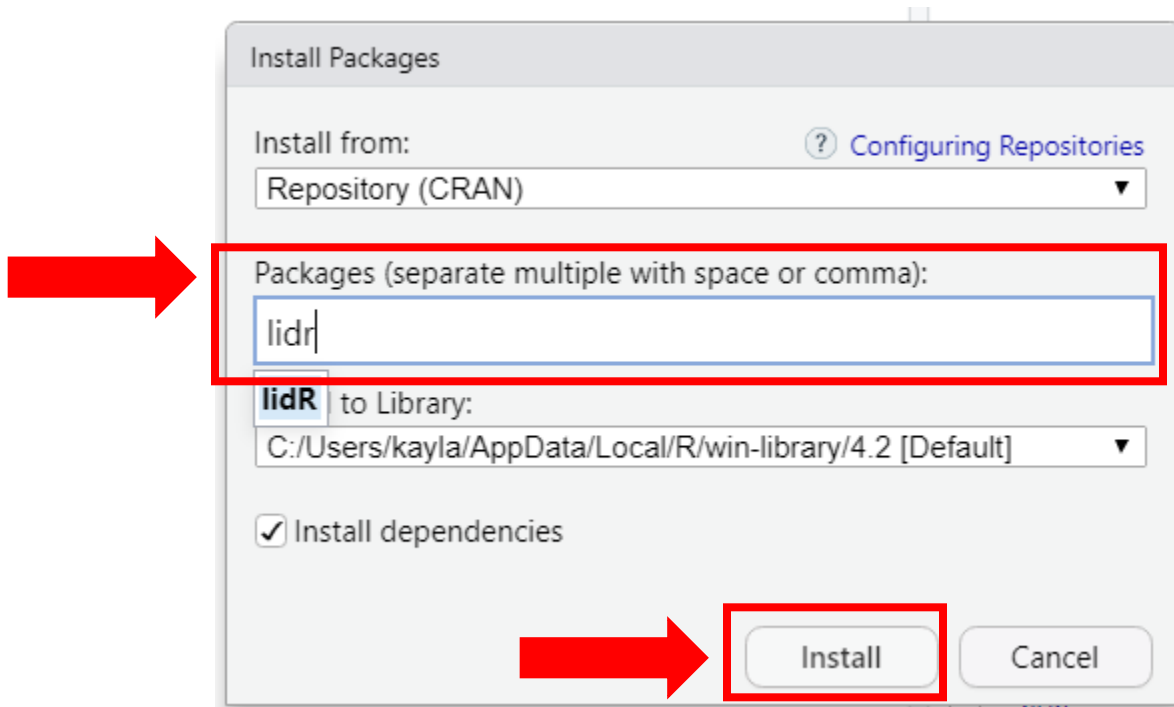
1. Open Rstudio
2. Select “Packages” in the lower right pane



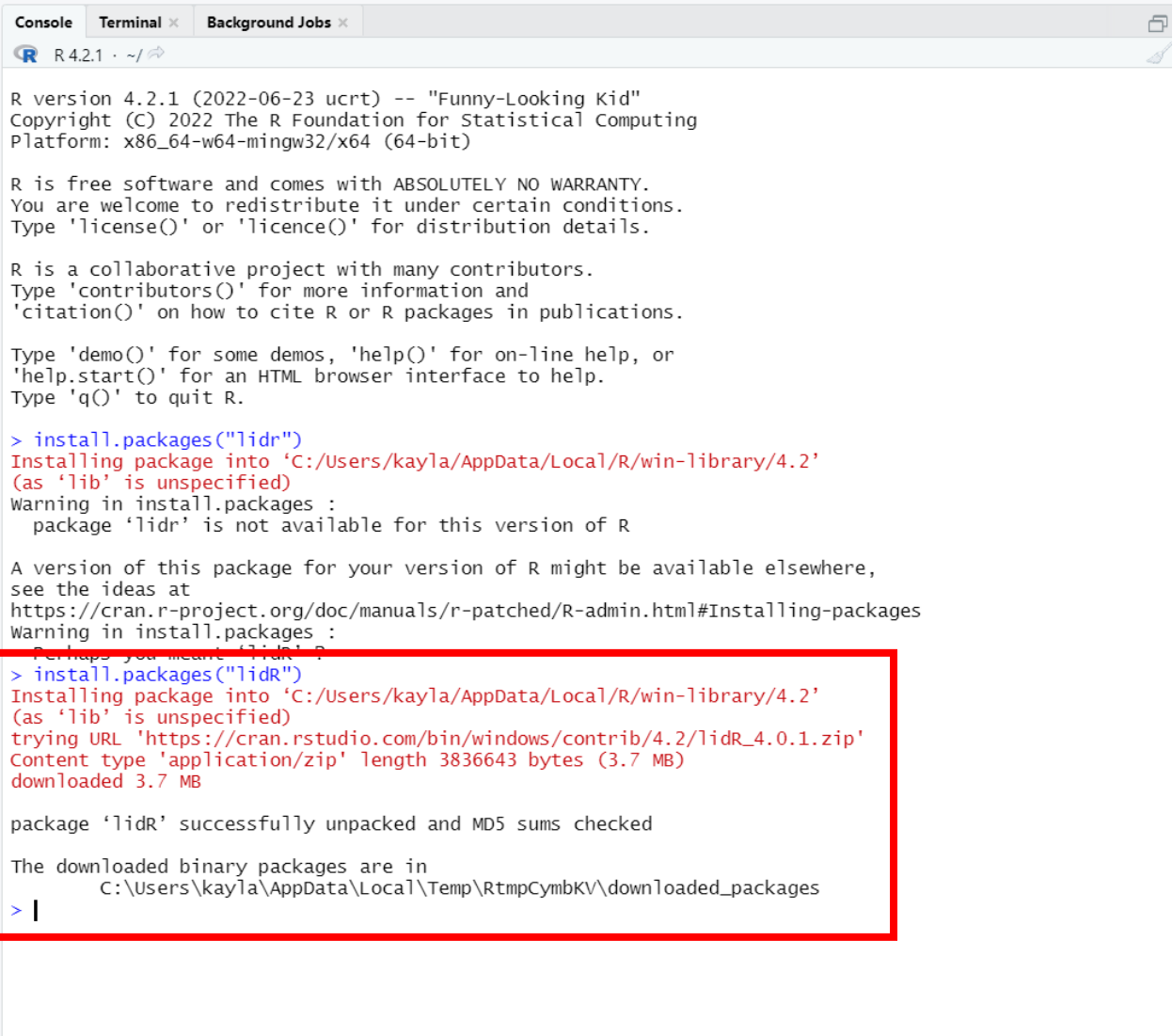
3. Select “Install”



4. Under “packages”, type in the name of the package you want to install, then select “Install”.



5. In the console pane the following line of code and outputs will appear as the package installs and is unpacked successfully.



```
R version 4.2.1 (2022-06-23 ucrt) -- "Funny-Looking Kid"
Copyright (C) 2022 The R Foundation for Statistical Computing
Platform: x86_64-w64-mingw32/x64 (64-bit)

R is free software and comes with ABSOLUTELY NO WARRANTY.
You are welcome to redistribute it under certain conditions.
Type 'license()' or 'licence()' for distribution details.

R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

> install.packages("lidr")
Installing package into 'C:/Users/kayla/AppData/Local/R/win-library/4.2'
(as 'lib' is unspecified)
Warning in install.packages :
  package 'lidr' is not available for this version of R

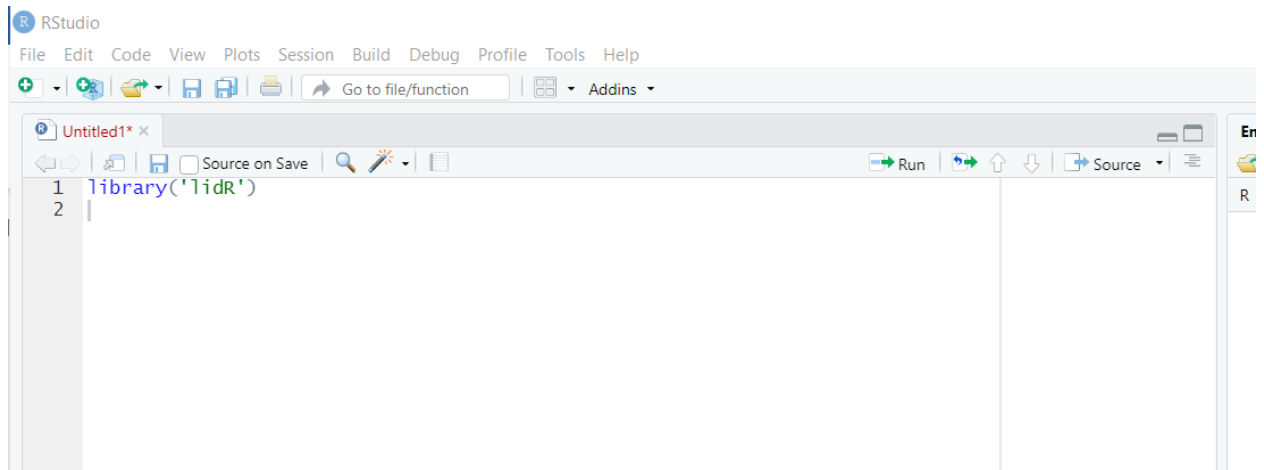
A version of this package for your version of R might be available elsewhere,
see the ideas at
https://cran.r-project.org/doc/manuals/r-patched/R-admin.html#Installing-packages
Warning in install.packages :
  Perhaps you meant 'lids'?
> install.packages("lidr")
Installing package into 'C:/Users/kayla/AppData/Local/R/win-library/4.2'
(as 'lib' is unspecified)
trying URL 'https://cran.rstudio.com/bin/windows/contrib/4.2/lidR_4.0.1.zip'
Content type 'application/zip' length 3836643 bytes (3.7 MB)
downloaded 3.7 MB

package 'lidR' successfully unpacked and MD5 sums checked

The downloaded binary packages are in
C:\Users\kayla\AppData\Local\Temp\RtmpCymbkV\downloaded_packages
> |
```

6. The “lidR” package is now installed and unpacked. To start working on a task, you’ll want to open a new R script file and save it. “File-> New File -> R script” then “File -> Save As”. This R script will open in a new pane.

7. In your R script pane, type `library('<package name>')` and with the cursor still on that line of code, hit `ctrl+enter` on your keyboard. You are now ready to use the package and all its capabilities.



8. Note, anything you run in your R script will show up in the console and any error messages will also show up in the console.

