

R seminar - Instructions

Date

Location

As we discussed the seminar will be on <date> in <location>.

You *must* bring a laptop with working installations of R and RStudio. We will not have time to help you get it working at the seminar. To do this, follow the instructions carefully.

Rstudio

Install RStudio Desktop from <https://posit.co/download/rstudio-desktop/>

- Go to that webpage, and click on the links shown as Step 1 and Step 2.

Step 1: Install R

RStudio requires R 3.3.0+. Choose a version of R that matches your computer's operating system.

DOWNLOAD AND INSTALL R

Step 2: Install RStudio Desktop

DOWNLOAD RSTUDIO DESKTOP FOR WINDOWS

Size: 190.49MB | [SHA-256: B38BF925](#) | Version: 2022.07.2+576 |
Released: 2022-09-21

- Each of these steps downloads a file to your Downloads folder
- **Step 1** brings you to this page

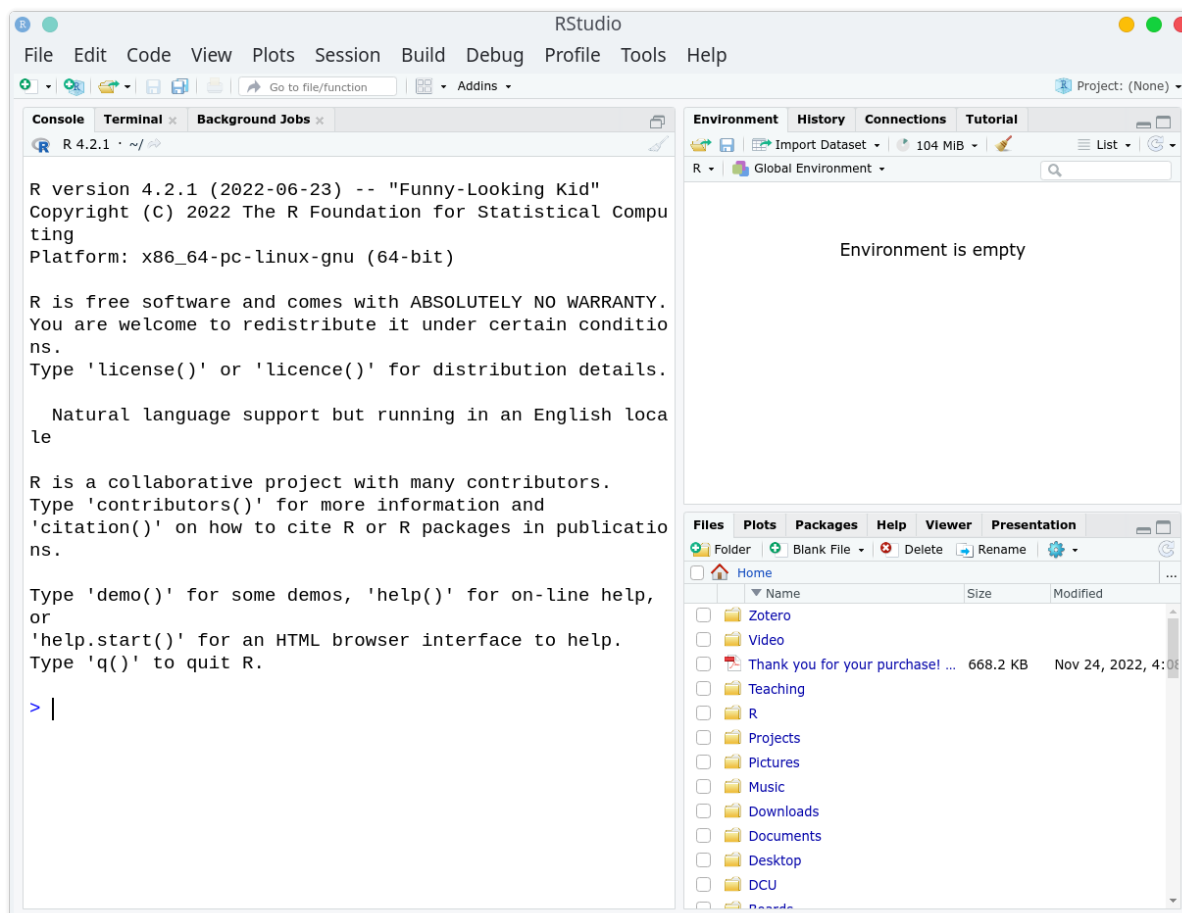
The Comprehensive R Archive Network

Download and Install R

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

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

- Download R for Windows, and click on the file you get to run it. If a window pops up asking for permission to install the file, click on 'yes'.
- Then go to **Step 2**
- This downloads another file, so click on that to run it. If a window pops up asking for permission to install the file, click on 'yes'.
- You should now see R and Rstudio in the list of installed programs.
- Click RStudio and see if it works! It should look roughly like this :-



Make sure it works. We'll be using RStudio exclusively, but you must have R installed too, for RStudio to work.

We will send you a zipped file with the material for this seminar - that is a compressed file with a whole folder inside it. This file is called 'RTrainingDay.zip'

To extract this folder follow these instructions -

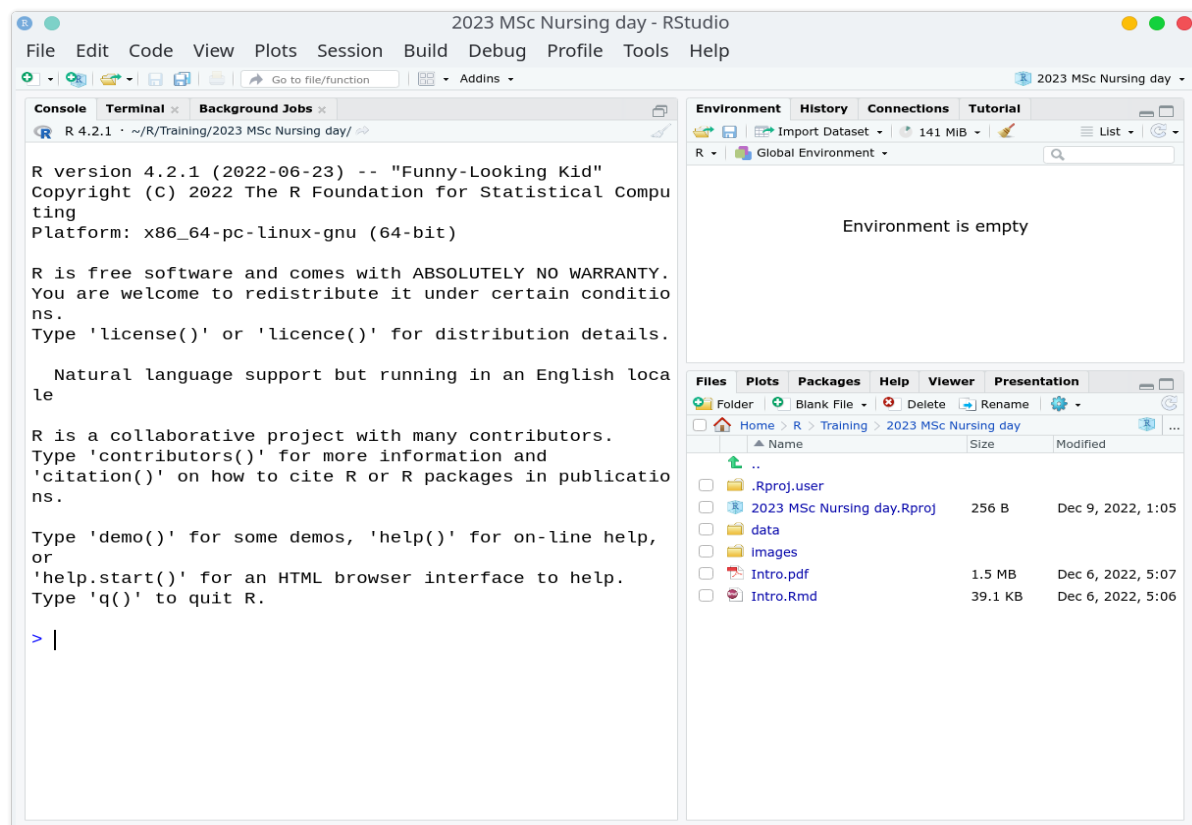
<https://support.microsoft.com/en-us/windows/zip-and-unzip-files-f6dde0a7-0fec-8294-e1d3-703ed85e7ebc>

In brief - To unzip files

1. Open File Explorer and find the zipped folder.
2. To unzip the entire folder, right-click to select Extract All, and then follow the instructions.

It doesn't much matter where you put the folder, as long as *you* know where it is! Typically it will be in your Downloads folder, but it might be in your Documents folder, or even on your Desktop.

In any event go to that folder, open the folder, and inside it you will see a file called 'RTrainingDay.Rproj'. Click that file, and RStudio should start up looking like this :-



If it doesn't, and you can't fix it locally, call me on <Phone number>, and we can sort it out.

Option - install MixTex

If you want to make pdf's from your R analyses, and you probably do, you need to install another piece of software – MixTex. You can download it from here :-

<https://miktex.org/download>

Getting MiKTeX

MiKTeX is available for selected operating systems.

Please check the [prerequisites](#) in order to find out whether your system is supported.

If your system is not (yet) supported: it is not too difficult to [build MiKTeX](#).

Windows

Mac

Linux

Docker

All downloads

Installer


Portable Edition

Command-line installer

To install a basic TeX/LaTeX system on Windows, download and run this installer.

Please read the [tutorial](#), if you want step-by-step guidance.

Date:	10/17/2022
File name:	basic-miktex-22.10-x64.exe
Size:	132.66 MB
SHA-256:	1f6c197678f9b55adec8772f3a9e6d89f1e2d169f67c0d8494501813b9d3724f

 Download

There are (very) detailed instructions for installing it here :-

<https://miktex.org/howto/install-miktex>

Please follow these, especially the last bit -

“Getting updates - It is recommended that you start [MiKTeX Console](#) now and check for updates.”