

# INSTALLING R and R Studio your computer

## INTRODUCTION

R and R Studio are separate software environments. R offers a programming platform for scientific computing and graphics, whereas RStudio is an integrated development environment (IDE) or an add-on that allows users to run R in a more user-friendly environment.

RStudio in itself is not very useful without R. On the contrary, you can use R without RStudio by using any text editor (for example, notepad, Emacs, vi) to write your scripts. As an IDE, RStudio makes it easier to write, run and debug R programs, especially for beginners. For this course it is highly recommended to install both R and RStudio.

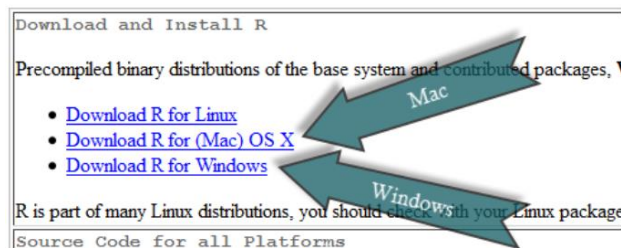
\*\*\* **Note:** You will need to **install R first** before installing RStudio.

The following instructions for installing R and R Studio should work for both **Windows** and **MAC** users.

## INSTALLING R


- Point your browser to: <http://www.r-project.org/>.
- From the “Getting Started” section, click on “[download R](#)”.
- Scroll down to the end of the page and click on the closest CRAN mirror site.  
Recommended CRAN site: <http://iis.stat.wright.edu/CRAN/> Wright State University, Dayton, OH.
- From the “Download and Install R” section, click on the link that corresponds to the operating system (OS) of your computer.

That is:



- Click on “[install R for the first time](#)” (under base)

*You may need to save the file installation file (e.g., “[R-3.3.1-win.exe](#)”) and then click on it to start the installation process.*

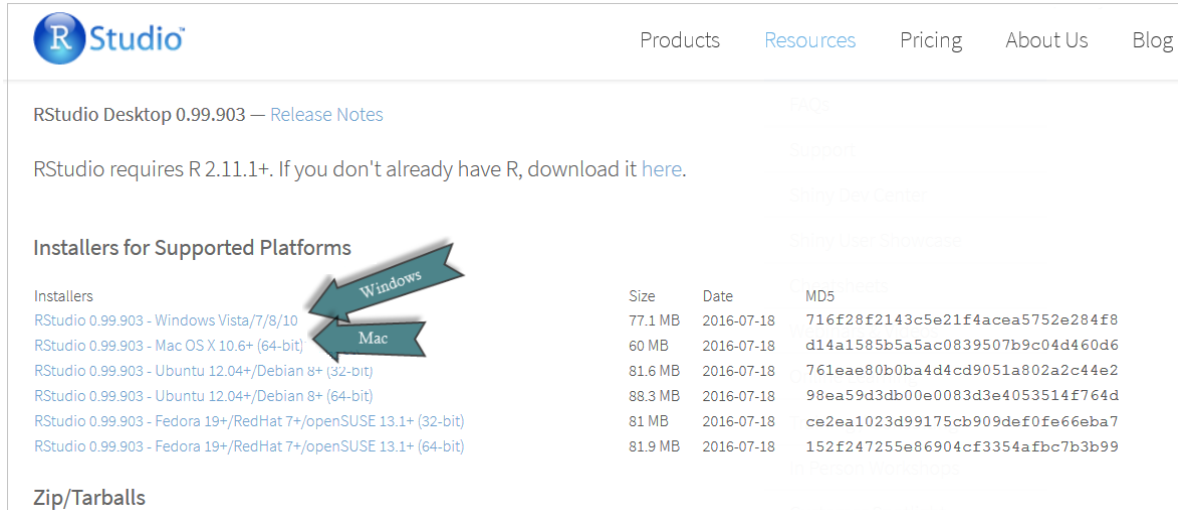
When the dialog box opens, click “Yes”, “OK”, or “RUN.” The setup wizard should appear. Keep clicking “Next” (or change features **if you understand them**), until it is finished. You should now see the R icon (  ) on your desktop.

This completes the installation of base R on your computer. The next task is to install RStudio.

## INSTALLING R STUDIO

Note: You must **install R before you install RStudio!**

- Download RStudio from <https://www.rstudio.com/products/rstudio/download/>
- Scroll to the end of the pricing information and choose the version recommended for your system, Mac or Windows.



RStudio Desktop 0.99.903 — [Release Notes](#)

RStudio requires R 2.11.1+. If you don't already have R, download it [here](#).

**Installers for Supported Platforms**

Installers	Size	Date	MD5
<a href="#">RStudio 0.99.903 - Windows Vista/7/8/10</a>	77.1 MB	2016-07-18	716f28f2143c5e21f4acea5752e284f8
<a href="#">RStudio 0.99.903 - Mac OS X 10.6+ (64-bit)</a>	60 MB	2016-07-18	d14a1585b5a5ac0839507b9c04d460d6
<a href="#">RStudio 0.99.903 - Ubuntu 12.04+/Debian 8+ (32-bit)</a>	81.6 MB	2016-07-18	761eae80b0ba4d4cd9051a802a2c44e2
<a href="#">RStudio 0.99.903 - Ubuntu 12.04+/Debian 8+ (64-bit)</a>	88.3 MB	2016-07-18	98ea59d3db00e0083d3e4053514f764d
<a href="#">RStudio 0.99.903 - Fedora 19+/RedHat 7+/openSUSE 13.1+ (32-bit)</a>	81 MB	2016-07-18	ce2ea1023d99175cb909def0fe66eba7
<a href="#">RStudio 0.99.903 - Fedora 19+/RedHat 7+/openSUSE 13.1+ (64-bit)</a>	81.9 MB	2016-07-18	152f247255e86904cf3354afbc7b3b99


**Zip/Tarballs**

*You may need to save the file installation file (e.g., “[RStudio-0.99.903.exe](#)”) and then click on it to start the installation process.*

- Follow the directions to install RStudio on your computer.

*When the dialog box opens, click “Yes”, “OK”, or “RUN.” The setup wizard should appear. Keep clicking “Next” (or change features **if you understand them**), until it is finished.*

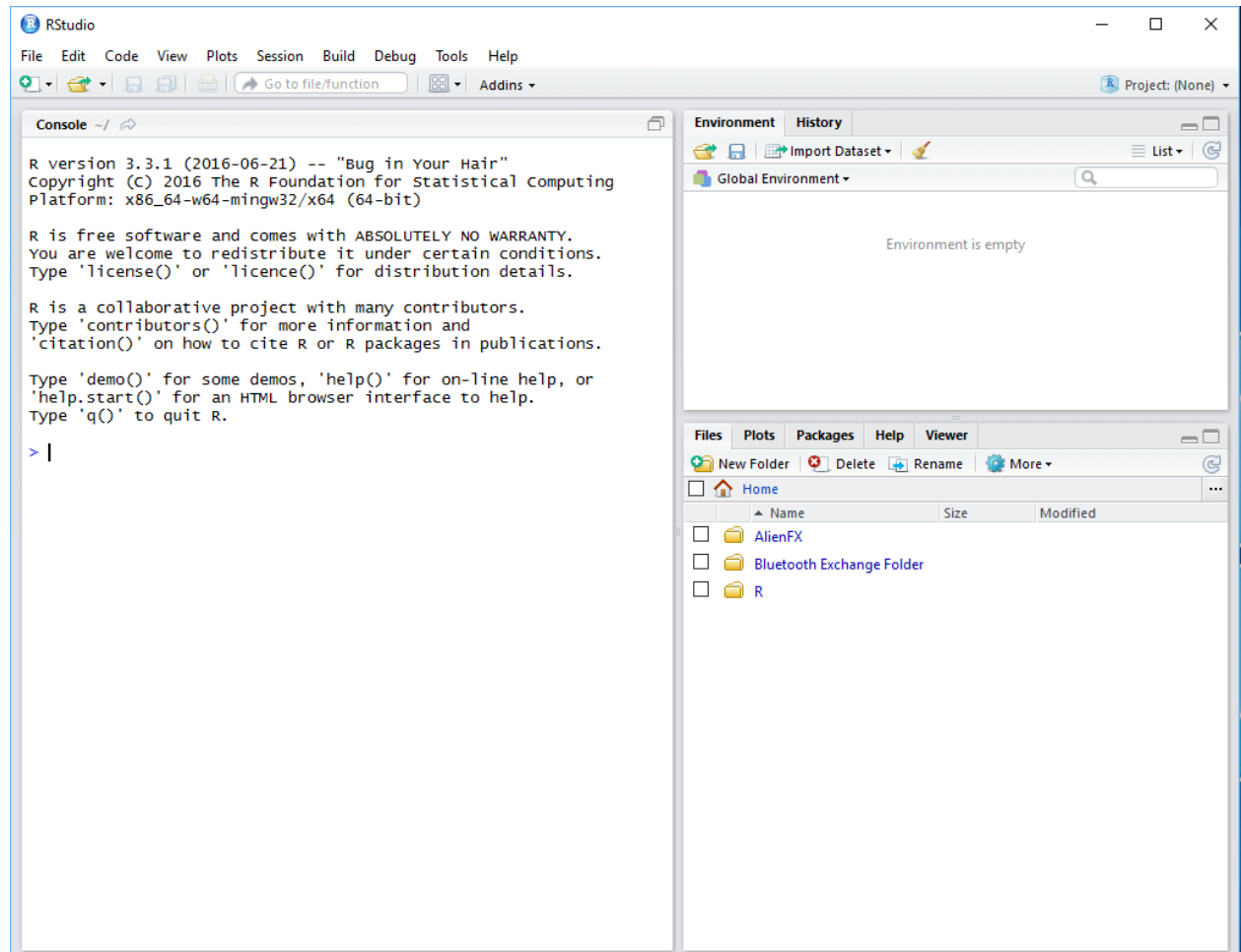
Unlike the installation of R, RStudio installation may not create an icon on your desktop. You can still access you through your search or Windows button.

RStudio’s command icon is  RStudio

## USING R AND STUDIO

Open R Studio by clicking on the icon.

If your installation was successful, you will see an IDE screen similar to the following:



If you see the above screen, you're ready to go!

## EXITING R AND R STUDIO

You can exit both R and RStudio at the same time using File → Quit R Studio

Or you can type **q()** at the command prompt.

Note that this is the letter q followed by open and closed parentheses.