



R and RStudio Installation : Step-by-Step Guided Process Flow

Open Lab | Digital Summit '18

Miracle Innovation Labs

Miracle Software Systems, Inc.

R and RStudio Installation: Step-by-Step Guided Process Flow

Introduction

This document contains a step-by-step process of how to install R and RStudio in your systems.

This guide was prepared by [Miracle's Innovation Labs](#)

Pre-Requisites

All attendees must have their workstation (with Internet) to participate in the lab (Both PC and MAC are compatible).

Lab Steps

So, let us get started with the Installation!

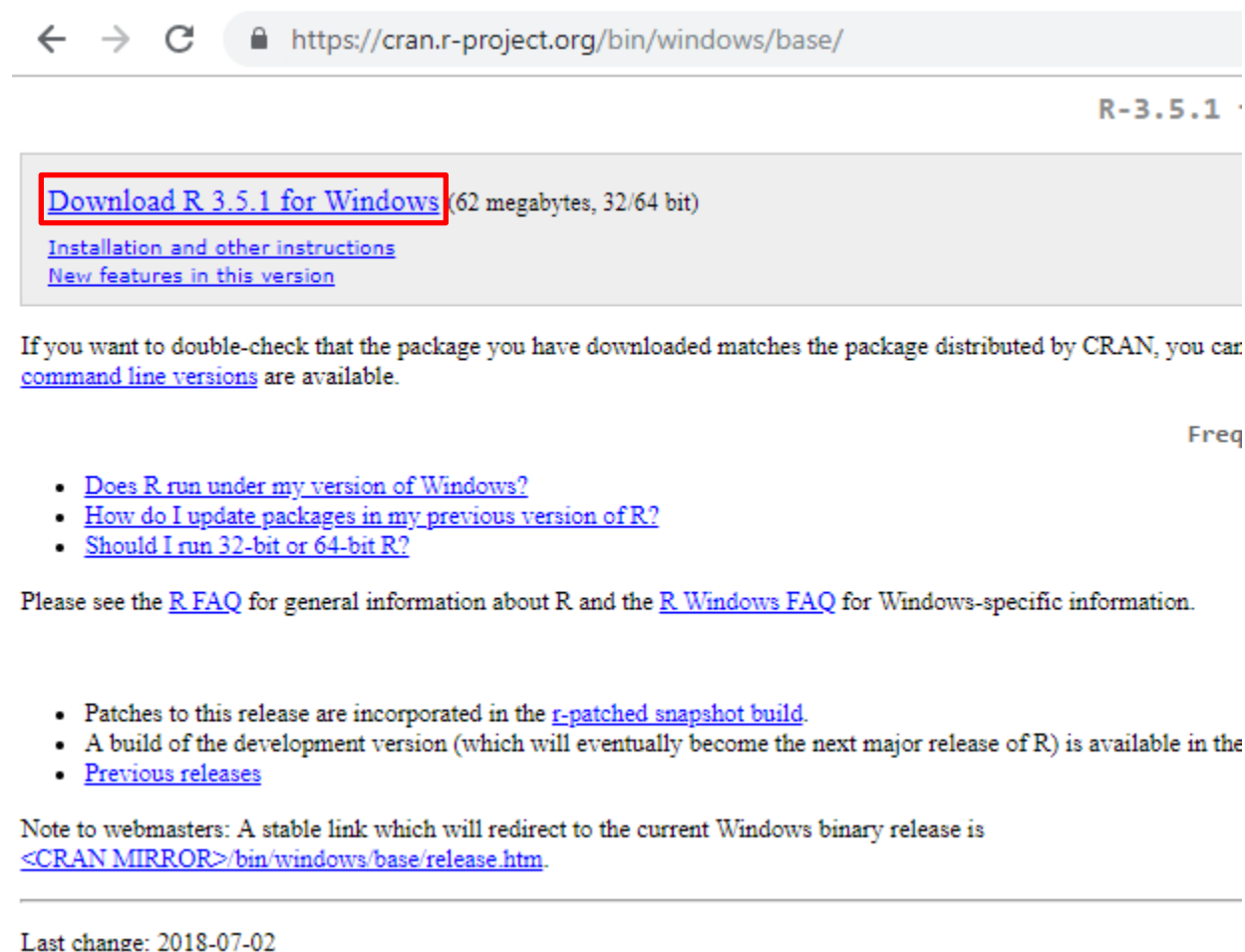
The following steps will outline how to install R and RStudio in your environment.

Step #1 | Installing R

To install R on your computer, follow these steps,

Use this link to download the latest R version,

<https://cran.r-project.org/bin/windows/base/>



← → ↻ 🔒 <https://cran.r-project.org/bin/windows/base/>

R-3.5.1

[Download R 3.5.1 for Windows](#) (62 megabytes, 32/64 bit)

[Installation and other instructions](#)

[New features in this version](#)

If you want to double-check that the package you have downloaded matches the package distributed by CRAN, you can [command line versions](#) are available.

Freq

- [Does R run under my version of Windows?](#)
- [How do I update packages in my previous version of R?](#)
- [Should I run 32-bit or 64-bit R?](#)

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

- 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 [Previous releases](#)

Note to webmasters: A stable link which will redirect to the current Windows binary release is <https://CRAN.MIRROR>/bin/windows/base/release.htm>.

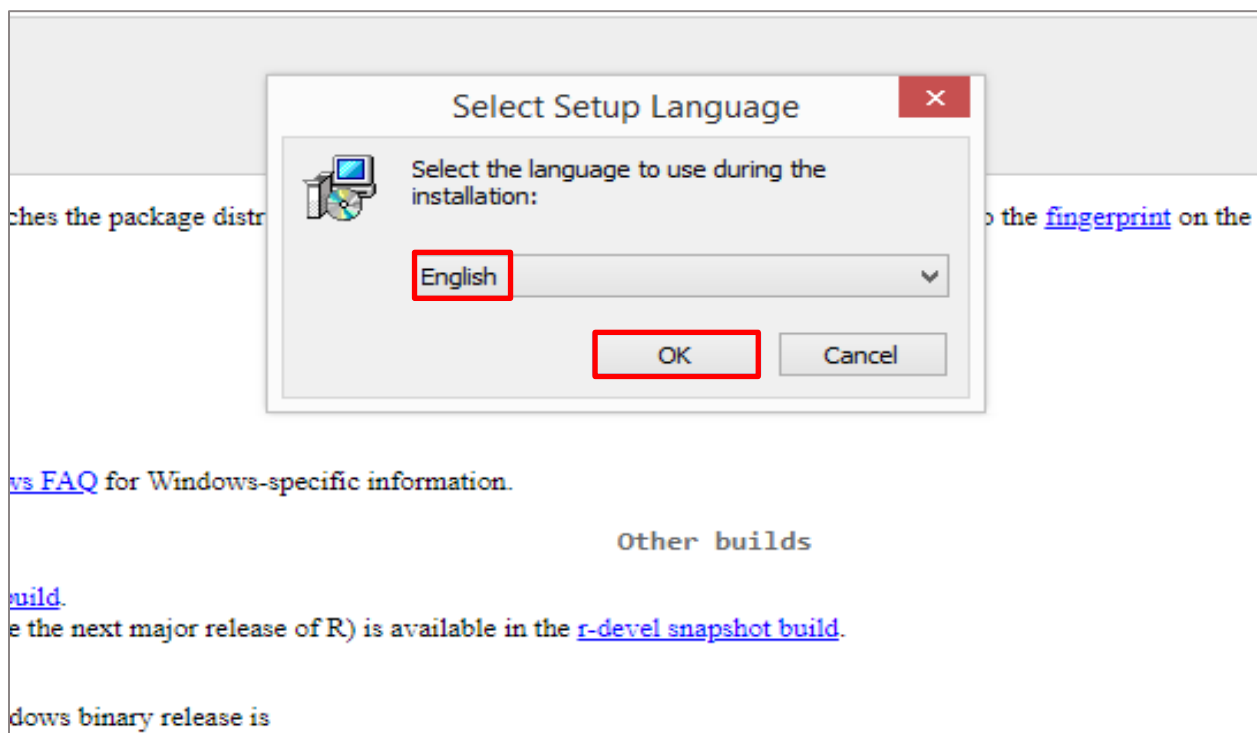
Last change: 2018-07-02

Click on **Download R 3.5.1 for Windows**.

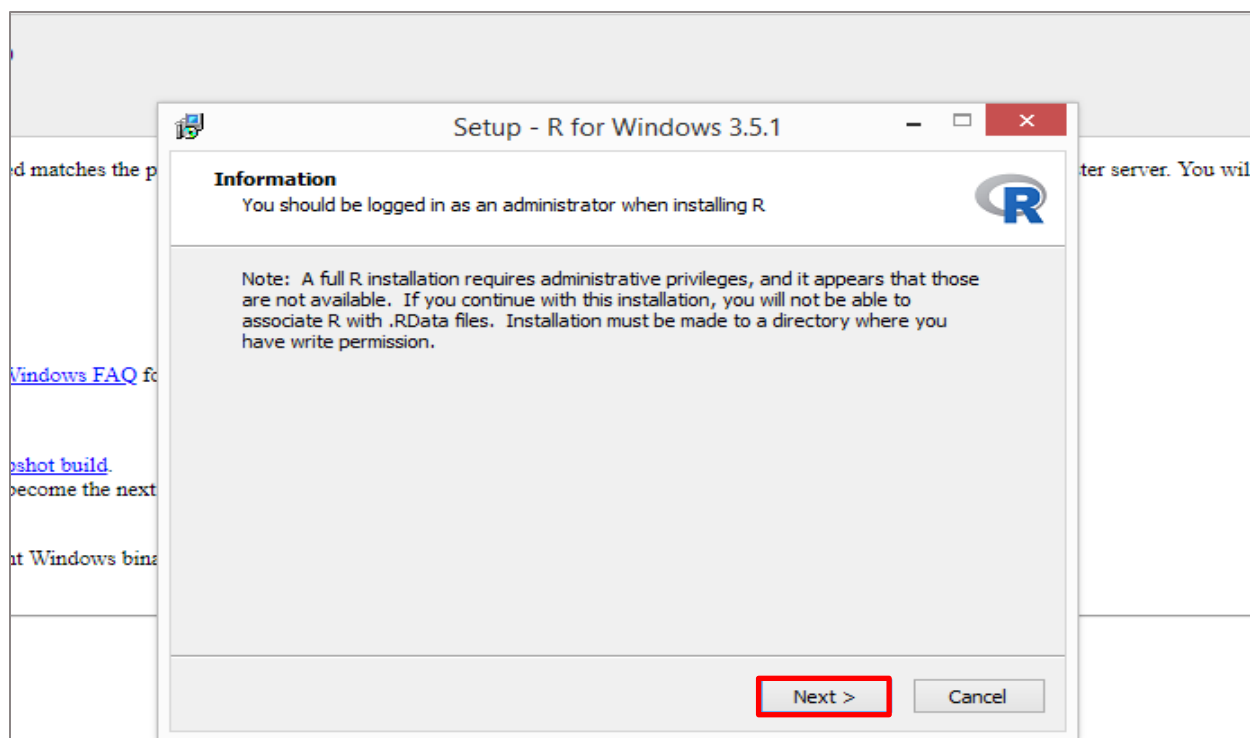


Now, R is downloaded on your machine. Click on **Open** option to run the .exe file.

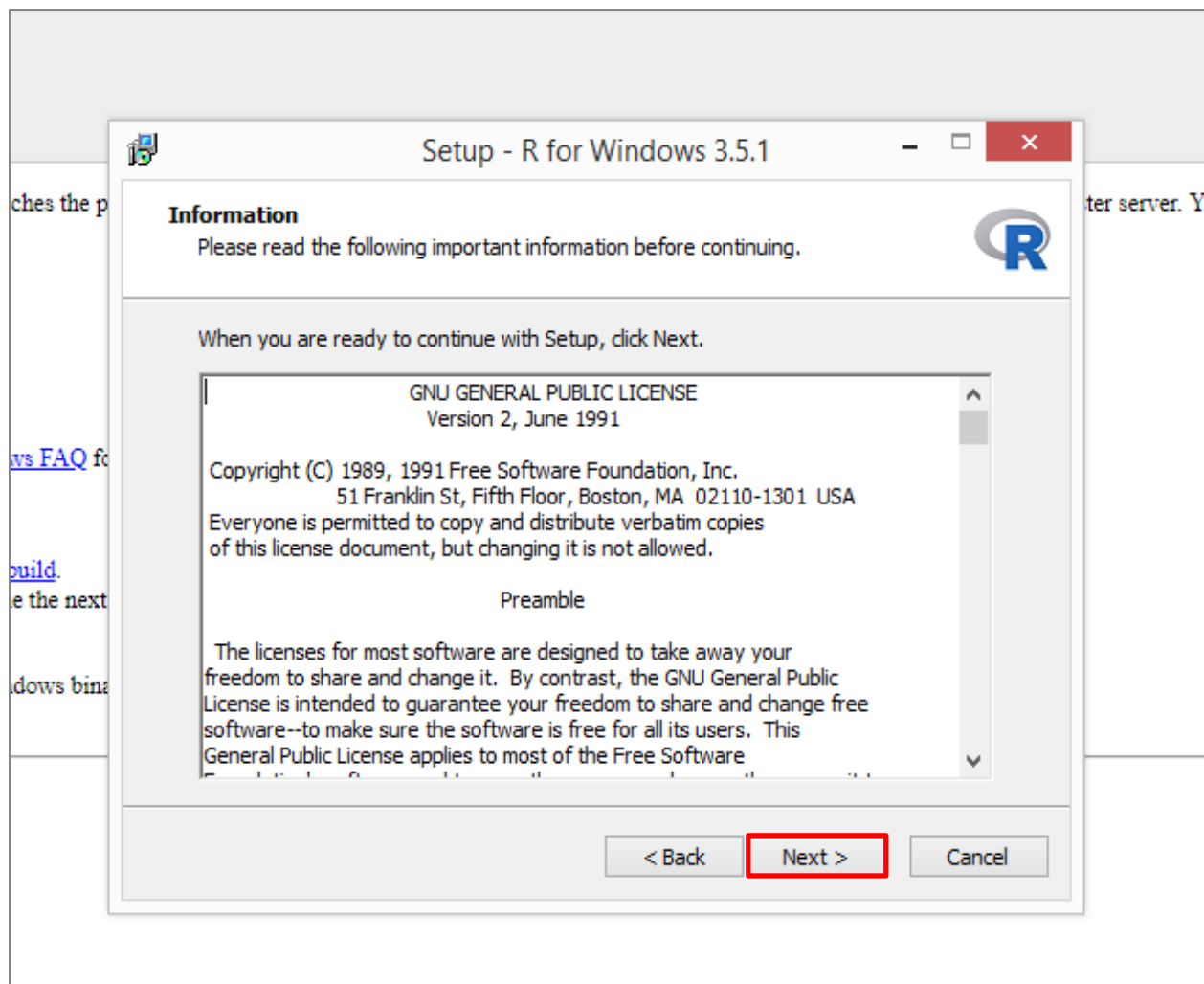
You will be asked what language to install it in. Choose **English** and click on **Ok**.



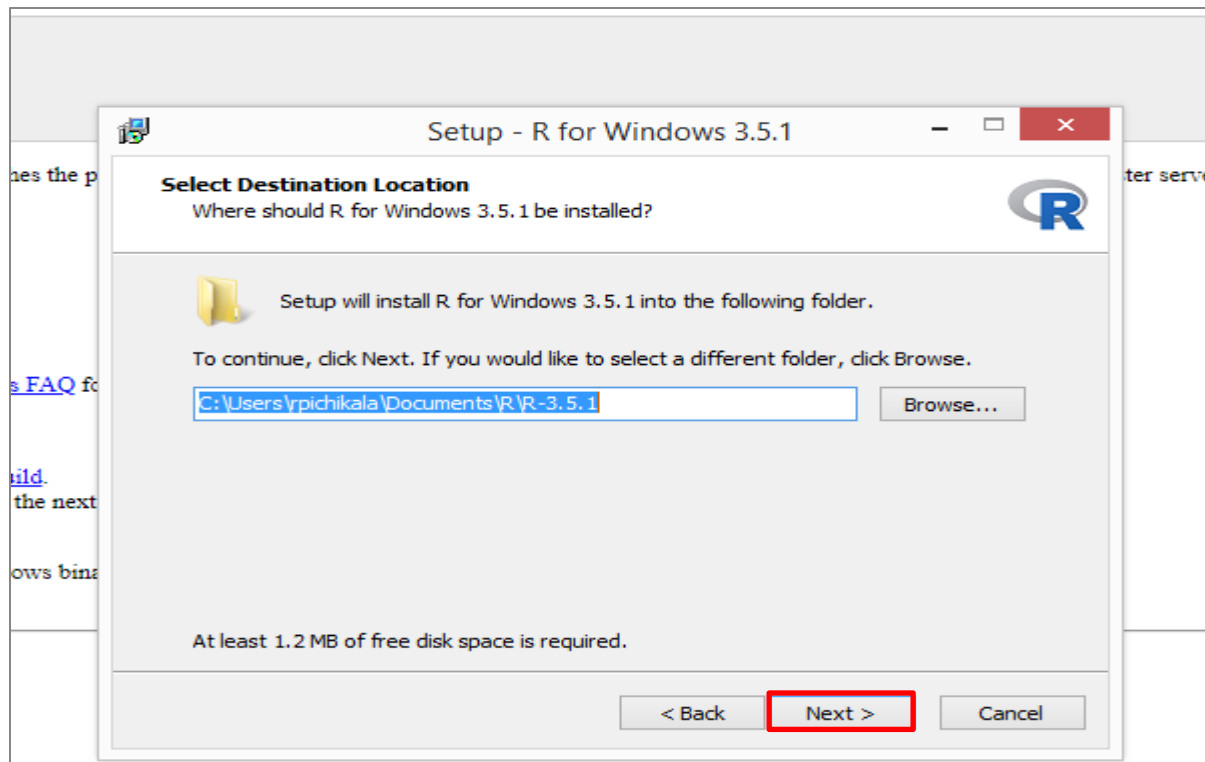
The R Setup Wizard will appear in a window. Click on **Next** at the bottom of the R Setup wizard window.



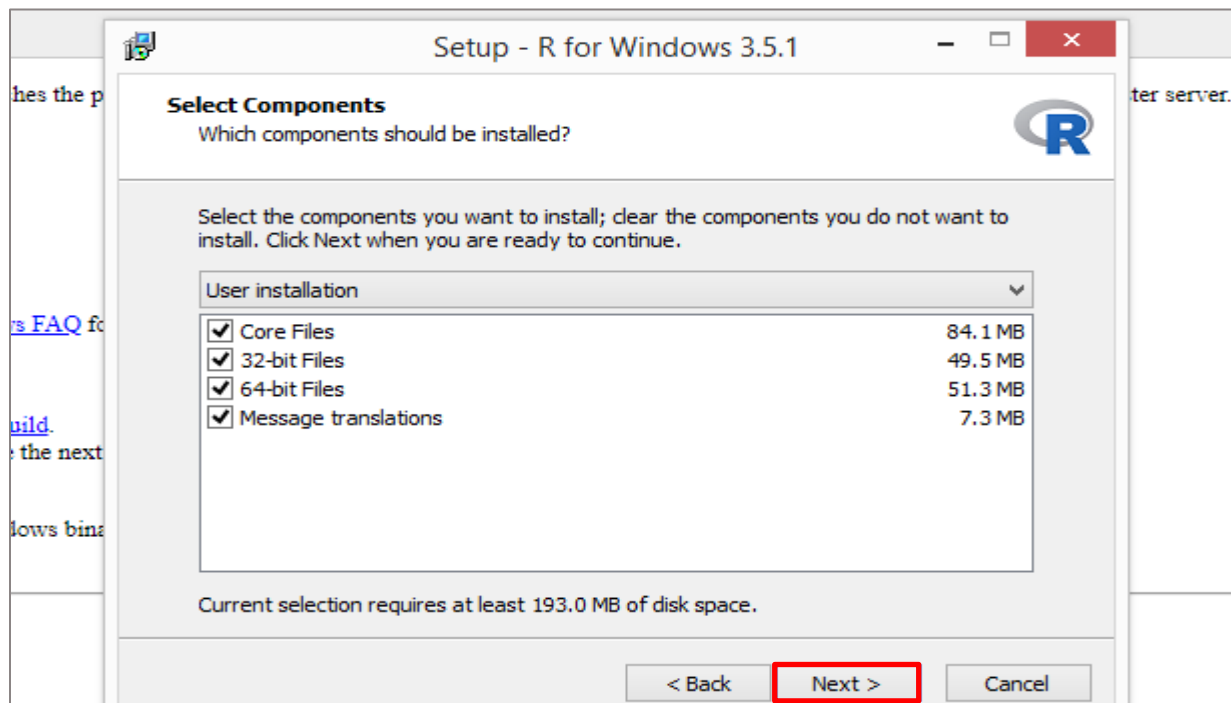
The next page gives you the Information on R installation. Click on **Next**.



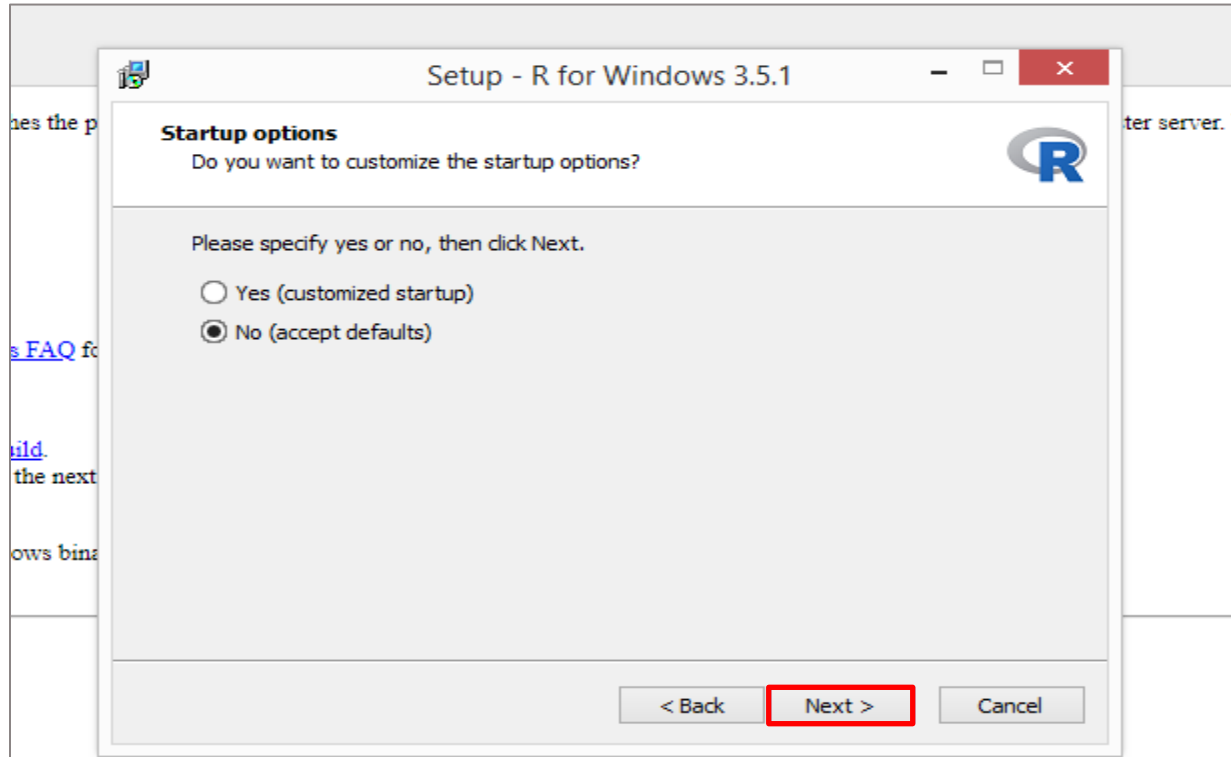
Select destination location at the top. By default, it will suggest to install R in “C:\Program Files” on your computer. Click on **Next** at the bottom of the R Setup wizard window.



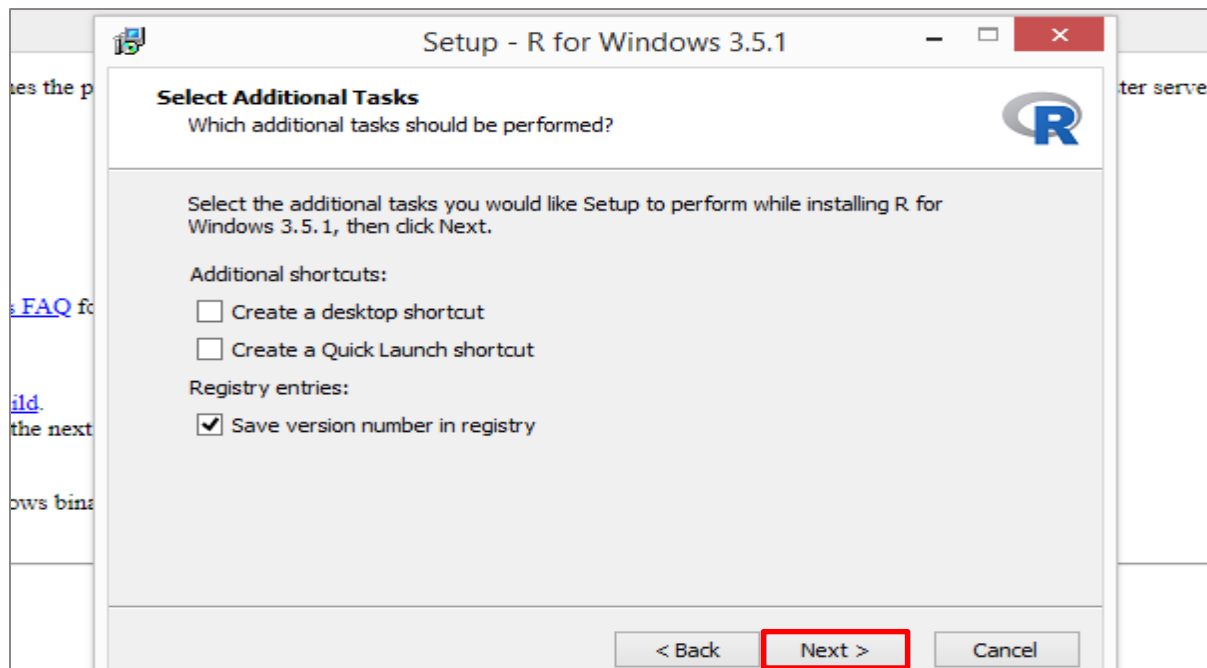
It will ask you to select components at the top. Click on **Next**.



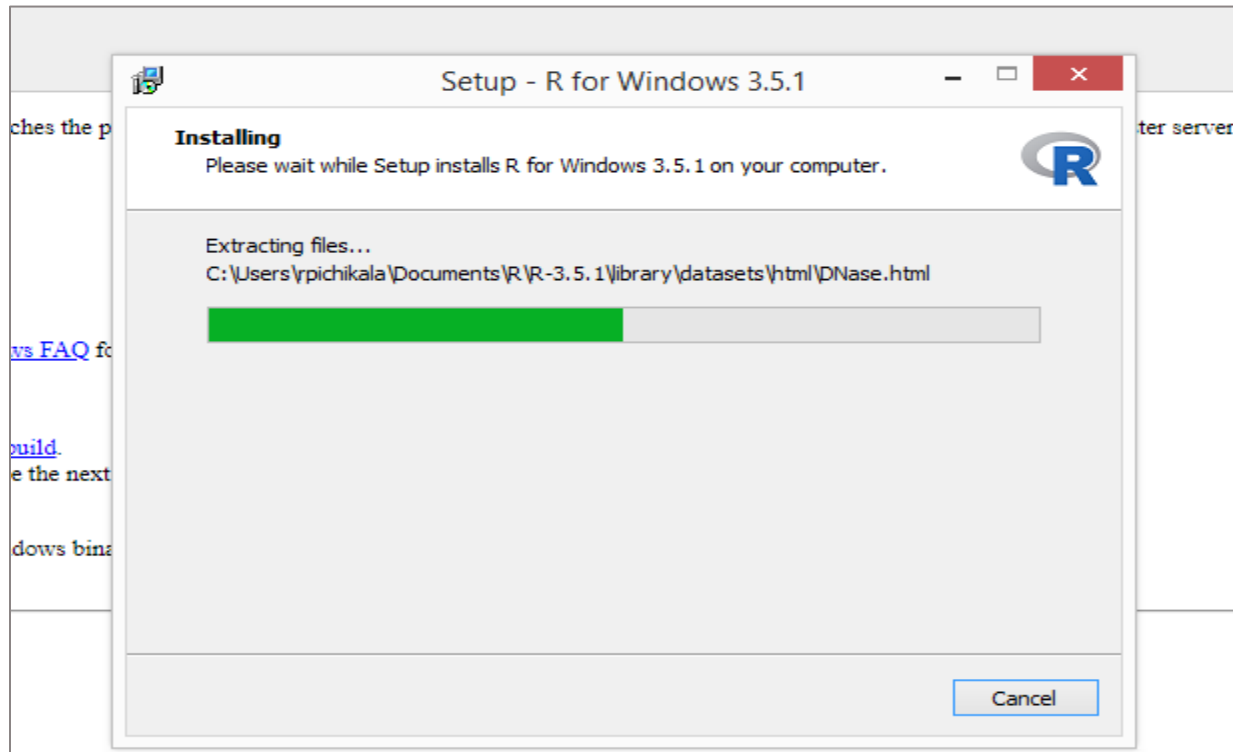
It will ask you about Startup options. Select **No** and Click on **Next**.



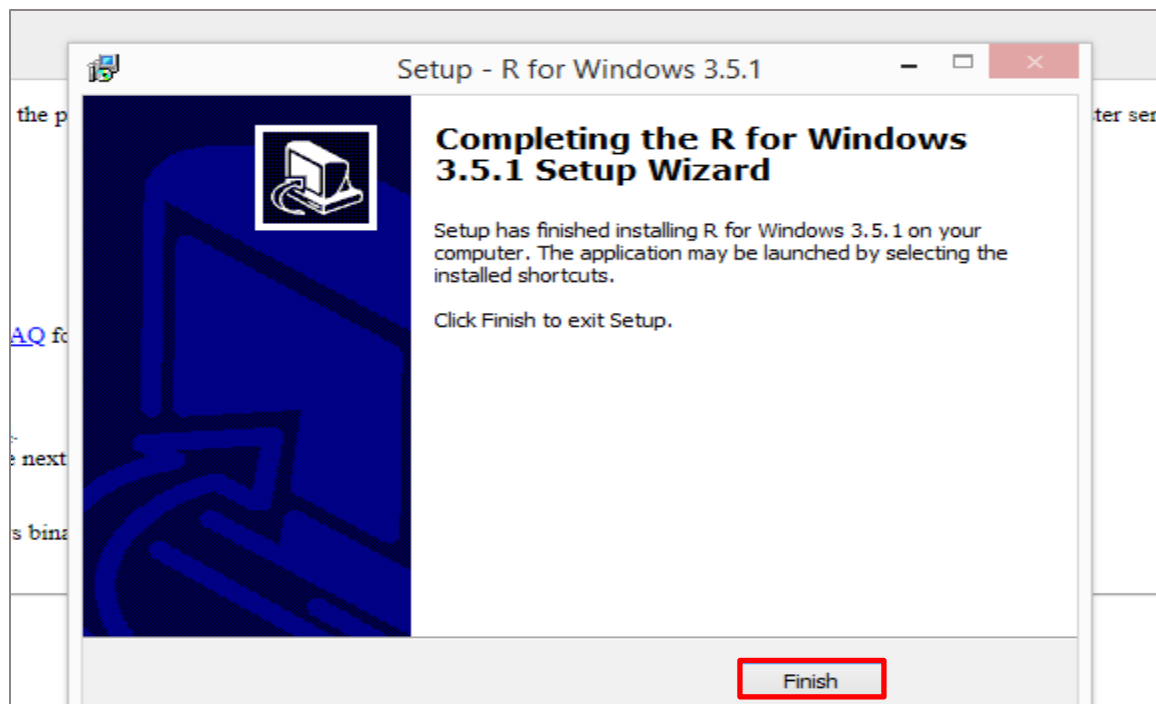
It will say about additional tasks at the top. Click on **Next**.



R should now be installing. This will take about a minute.



Next, Completing the R for Windows Setup Wizard will appear. Click on **Finish**



Step #2 | Installing RStudio

Go to <https://www.rstudio.com/products/rstudio/download/> and download the latest version of RStudio. Click on **Download** button which is under **Free** category in the page.

Choose Your Version of RStudio

RStudio is a set of integrated tools designed to help you be more productive with R. It includes a console, syntax-highlighting editor that supports direct code execution, and a variety of robust tools for plotting, viewing history, debugging and managing your workspace. [Learn More about RStudio features.](#)

	RStudio Desktop Open Source License	RStudio Desktop Commercial License	RStudio Server Open Source License	RStudio Server Pro Commercial License
	FREE	\$995 per year	FREE	\$9,995 per year
	DOWNLOAD Learn More	BUY Learn More	DOWNLOAD Learn More	DOWNLOAD Learn More
Integrated Tools for R	●	●	●	●
Priority		●		●

Select the link of the RStudio version which is appropriate to your system. If you have windows environment, choose first link and choose second link for Mac environment.

RStudio Desktop 1.1.463 — Release Notes

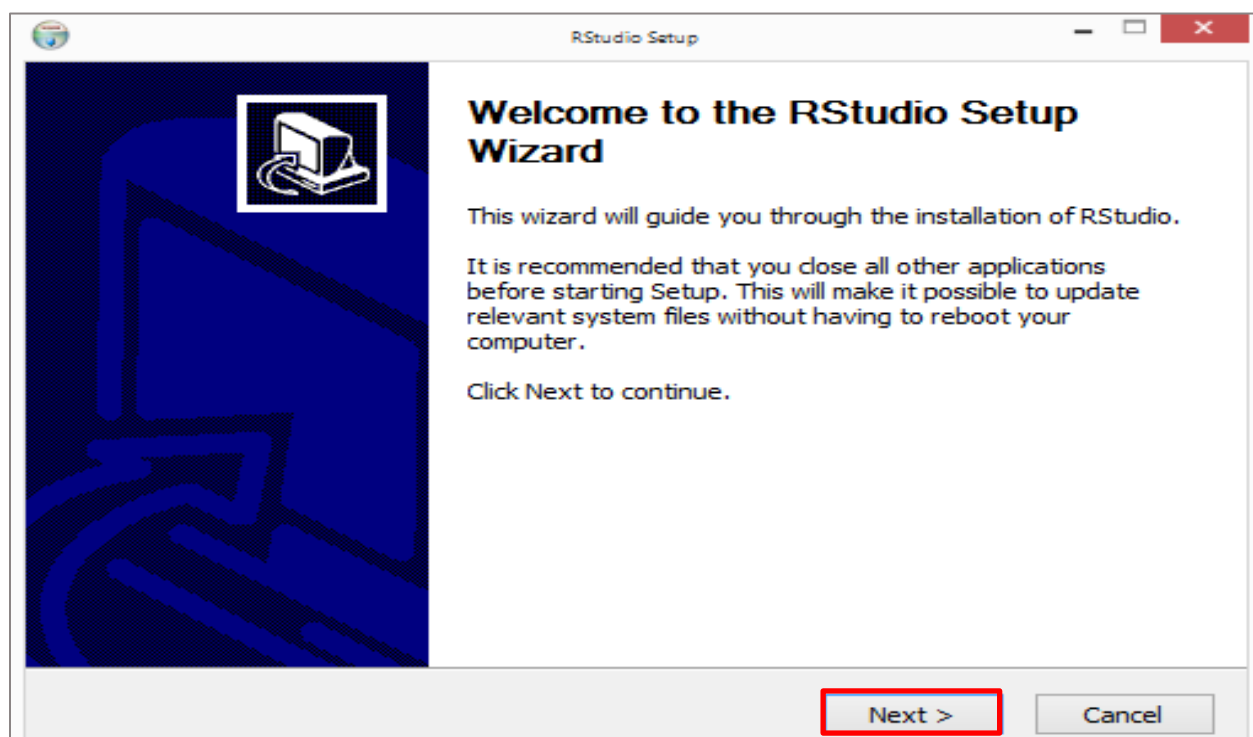
RStudio requires R 3.0.1+. If you don't already have R, download it [here](#).

Linux users may need to [import RStudio's public code-signing key](#) prior to installation, depending on the operating system's security policy.

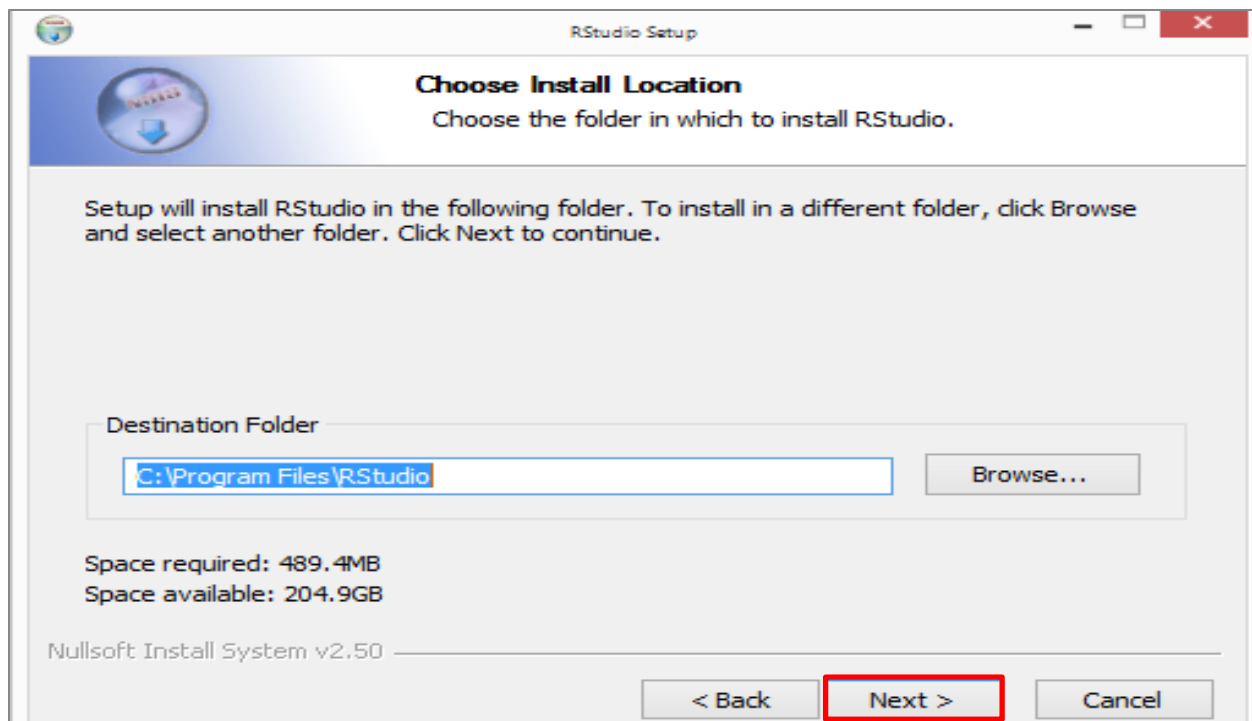
Installers for Supported Platforms

Installers	Size	Date	MD5
RStudio 1.1.463 - Windows Vista/7/8/10	85.8 MB	2018-10-29	58b3d796d8cf96fb8580c62f46ab64d4
RStudio 1.1.463 - Mac OS X 10.6+ (64-bit)	74.5 MB	2018-10-29	a79032ba4d7daaa86a8da01948278d94
RStudio 1.1.463 - Ubuntu 12.04-15.10/Debian 8 (32-bit)	89.3 MB	2018-10-29	8a6755fa9fae2bafce289df3358aaf63
RStudio 1.1.463 - Ubuntu 12.04-15.10/Debian 8 (64-bit)	97.4 MB	2018-10-29	bc50d6bd34926c1cc3ae4a209d67d649
RStudio 1.1.463 - Ubuntu 16.04+/Debian 9+ (64-bit)	65 MB	2018-10-29	cf659db18619cc78d1592fefaa7c753
RStudio 1.1.463 - Fedora 19+/RedHat 7+/openSUSE 13.1+ (32-bit)	88.1 MB	2018-10-29	742f0bad60dfeaa3281576e14ad6699e
RStudio 1.1.463 - Fedora 19+/RedHat 7+/openSUSE 13.1+ (64-bit)	90.6 MB	2018-10-29	c7303067a0ca99deea7e427b856952d1

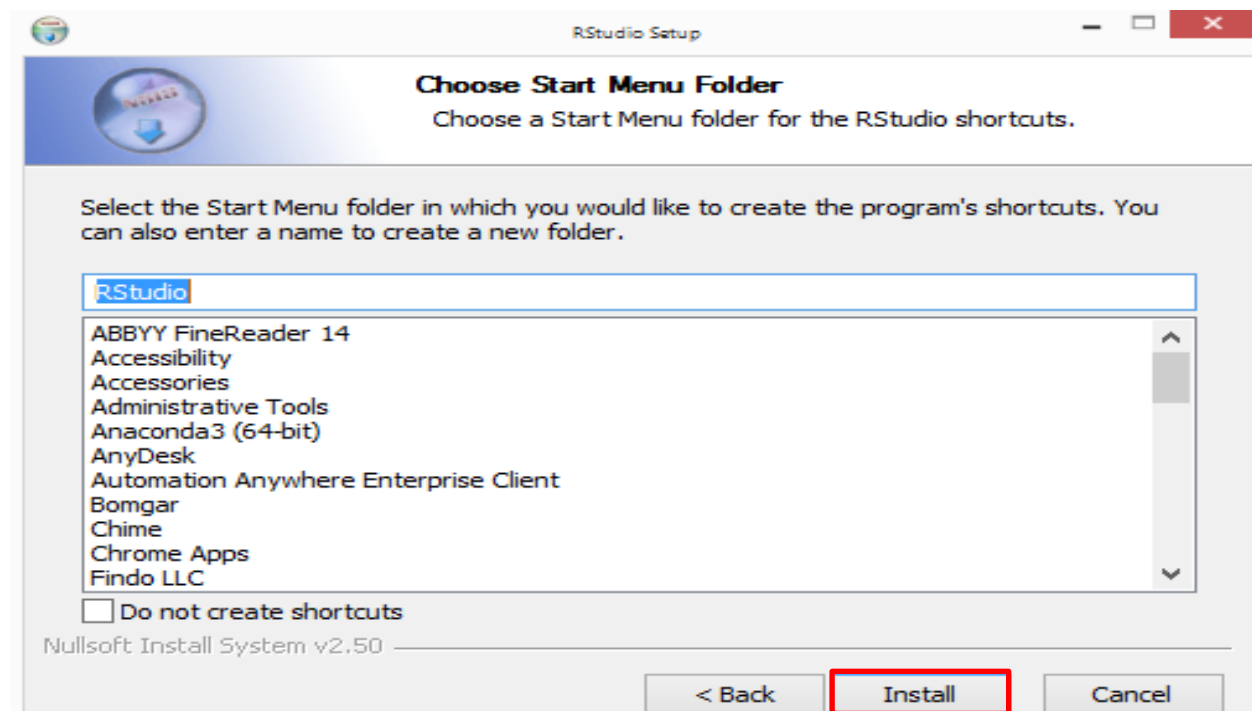
Click on **Next** to continue when the install wizard opens.



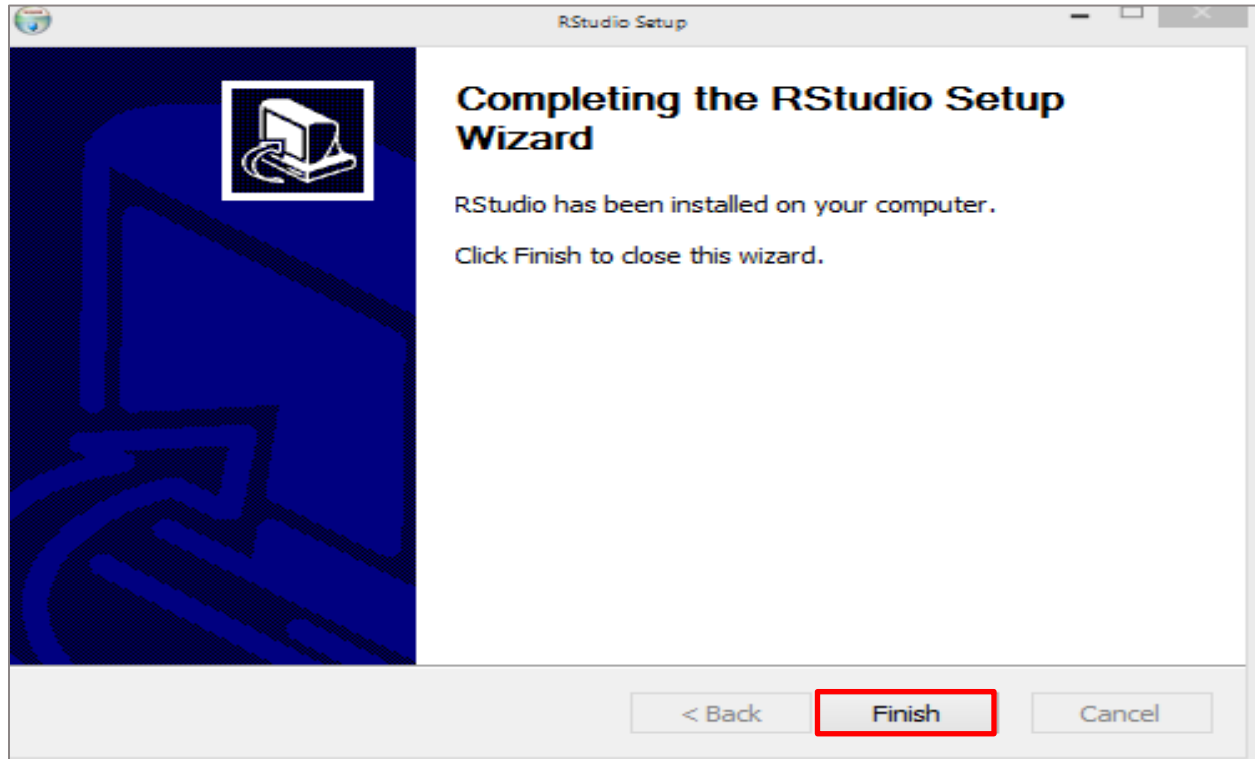
Choose Install Location, by default it will suggest to install in “C:\Program Files” on your computer and click on **Next**.



Click on **Install** to accept the default start menu folder and install RStudio.



Click on **Finish** to close the wizard.



Congratulations! You have successfully installed R and RStudio in your Machine. Now, you can build R applications easily with RStudio.