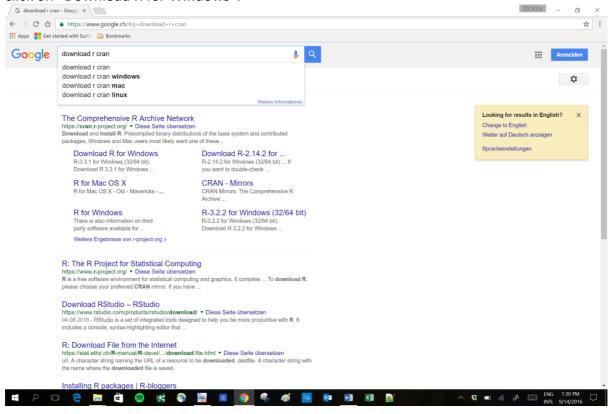
# How to install R on Windows 10 (Version 3.3.1, September 2016)

Open Google in a browser (e.g. Chrome) and type the search words as shown below. Then click on "Download R for Windows".

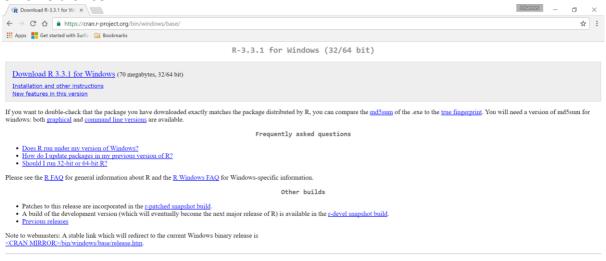


### The following screen appears. Click on "Download R 3.3.1 for Windows".





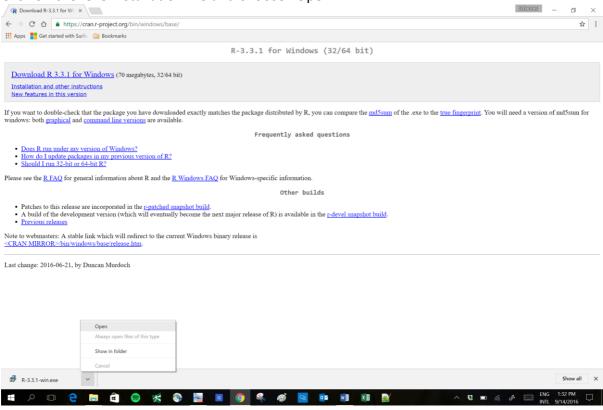
# This downloads an R-3.3.1-win.exe installation file, as you see in the lower left corner of the Chrome browser.



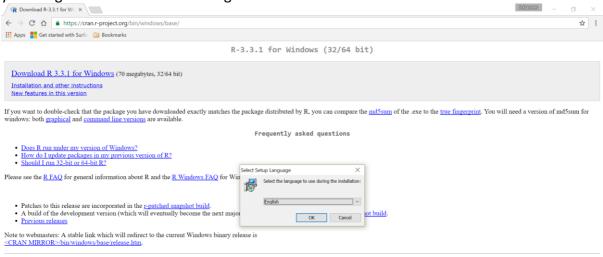
Last change: 2016-06-21, by Duncan Murdoch



Click on the .exe installation file and choose "Open".



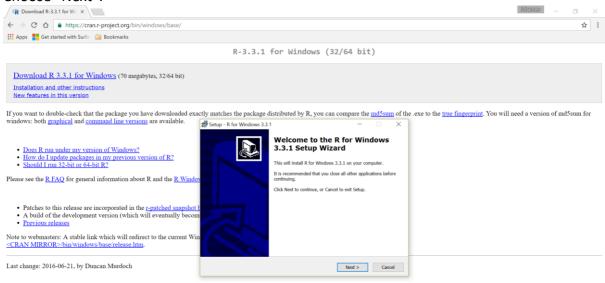
Allow the app to make changes to your computer, in case you are asked. As an installation language, I strongly suggest English. If you need to google what do do with error messages, you will get lots more results in English than in German.

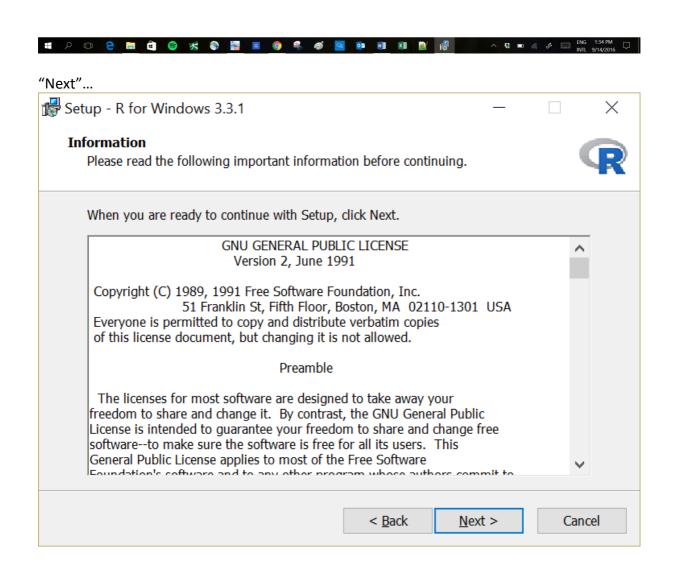


Last change: 2016-06-21, by Duncan Murdoch

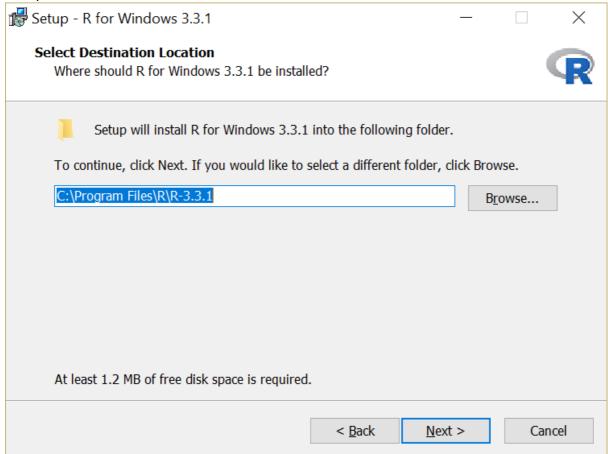


### Choose "Next".

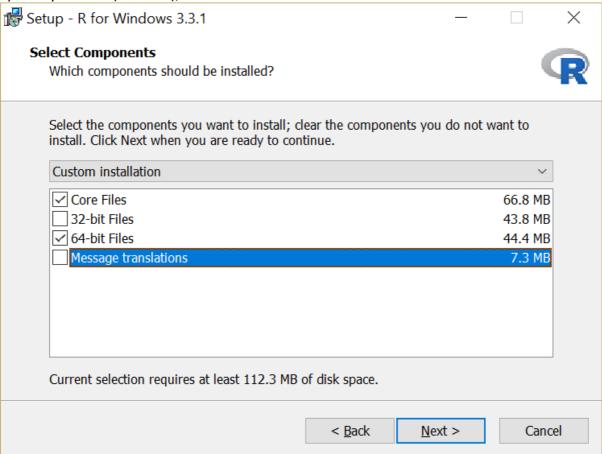




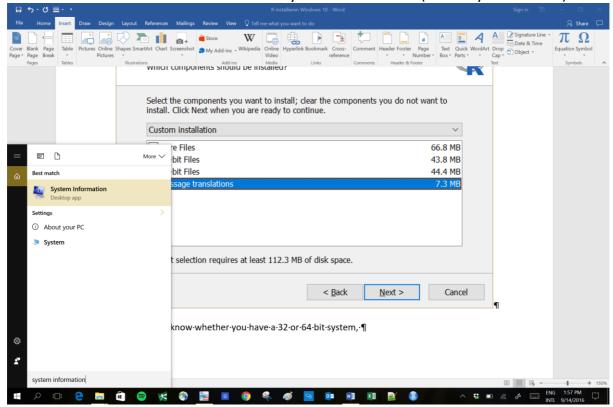
Accept the default installation location.



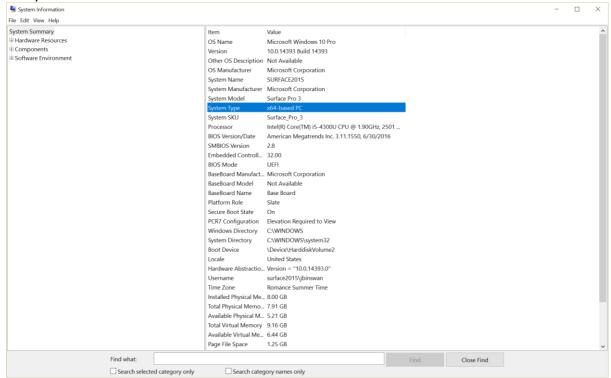
I have a 64-bit system, so I do not install the 32-bit Files. Also, I do not want message translations (into German), they make googling errors harder. If you do not know what system you have (64 or 32), read on below...



If you do not know whether you have a 32- or 64-bit system, type "system information" into the finder as shown below. Then click on "System information" (shaded yellow below).

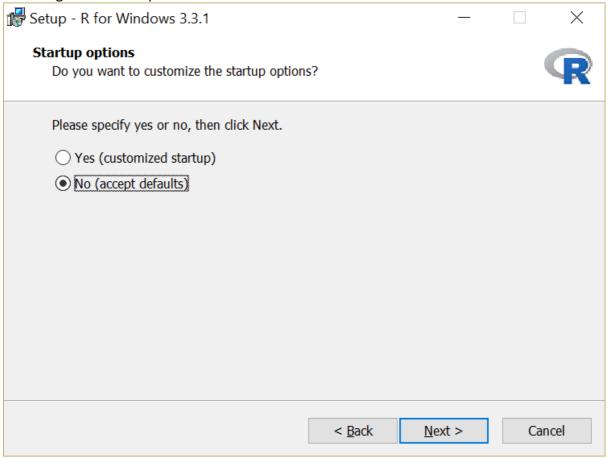


Under "System Type", I get x64, which means 64 bit. If you see x84 instead, you have a 32-bit system.

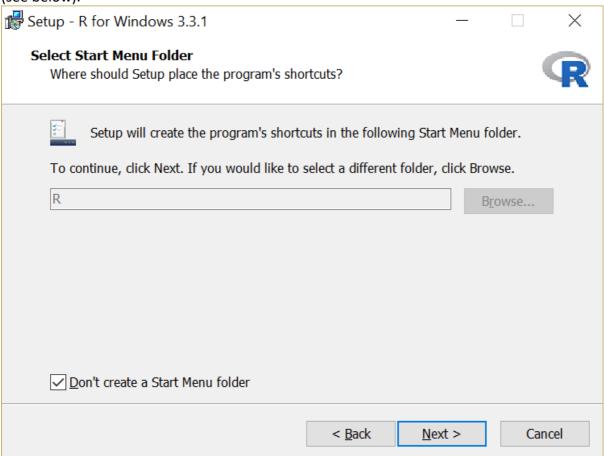


If you have a 32-bit version, then check the 32-bit Files on the screen shown above, and uncheck 64.

Now we go back to the installation. After choosing the files you want to install, you get the following screen. Accept the defaults.



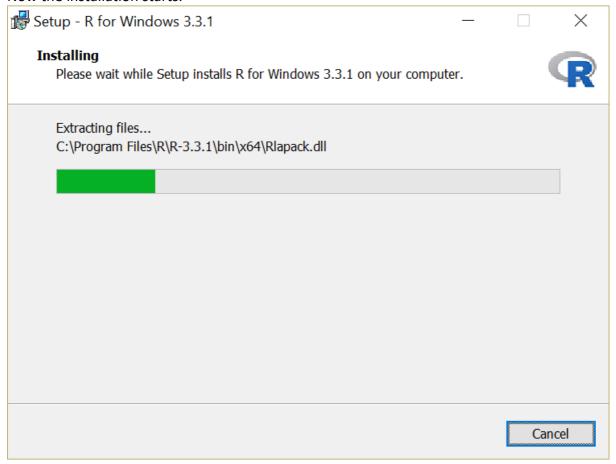
If you want to create a shortcut in the start menu, you can choose to do so. I don't want it. The reason is that we will almost never use R directly. Instead, we will work with RStudio (see below).

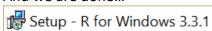


# Check the boxes as shown below.

Setup - R for Windows 3.3.1	_		$\times$
Select Additional Tasks Which additional tasks should be performed?			R
Select the additional tasks you would like Setup to perform while Windows 3.3.1, then click Next.	installing R	for	
Additional icons:			
Create a <u>d</u> esktop icon			
Create a Quick Launch icon			
Registry entries:			
Save version number in registry			
✓ Associate R with .RData files			
< <u>B</u> ack	<u>N</u> ext >	Car	ncel

# Now the installation starts.







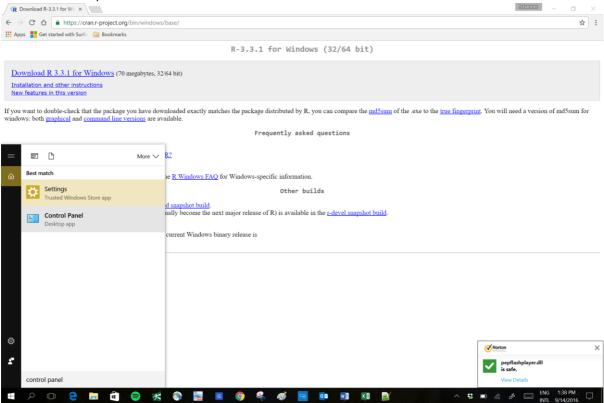
# Completing the R for Windows 3.3.1 Setup Wizard

Setup has finished installing R for Windows 3.3.1 on your computer.

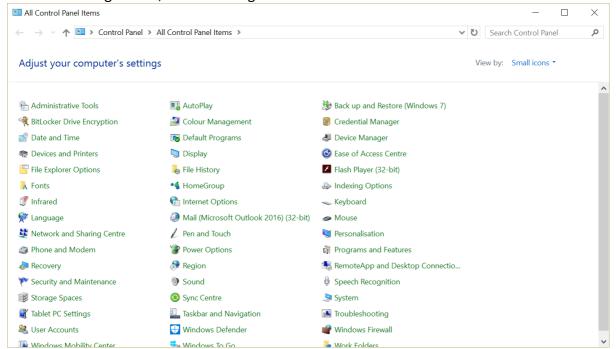
Click Finish to exit Setup.

<u>F</u>inish

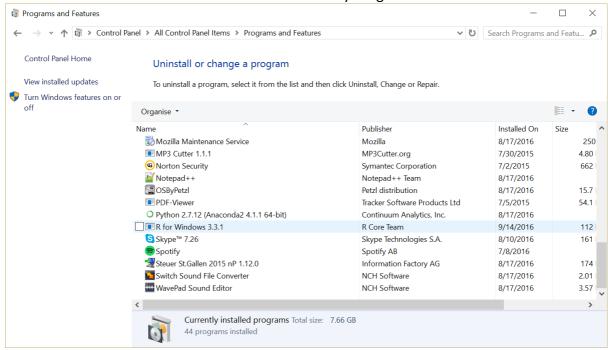
To see whether the program actually got installed, type "control panel" into the finder, and then click on it, as shown below.



On the resulting screen, click on "Programs and Features".

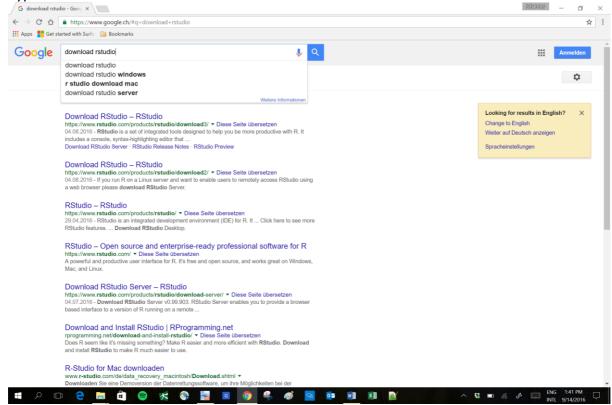


You see that there is "R for Windows 3.3.1". So everything is fine.

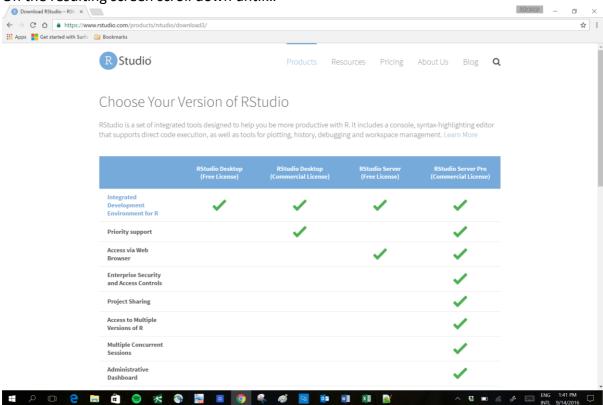


Next we download RStudio. This is the editor, with which we will use for interacting with R and writing programs. In geek language, this is called in Integrated Development Environment or IDE.

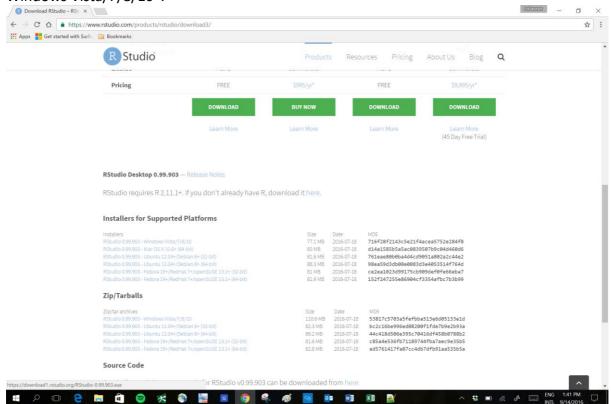
Type the search words as shown below. Then click on "Download RStudio – Rstudio".



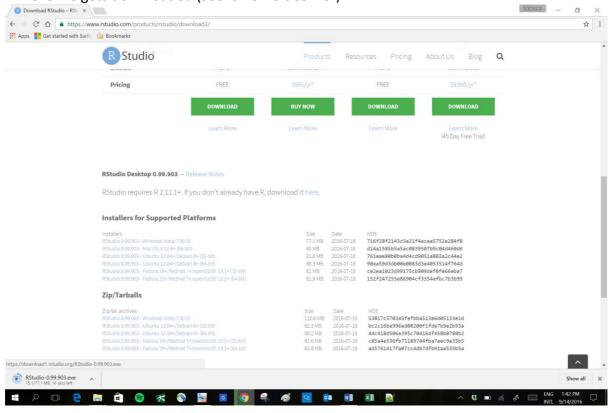
On the resulting screen scroll down until...



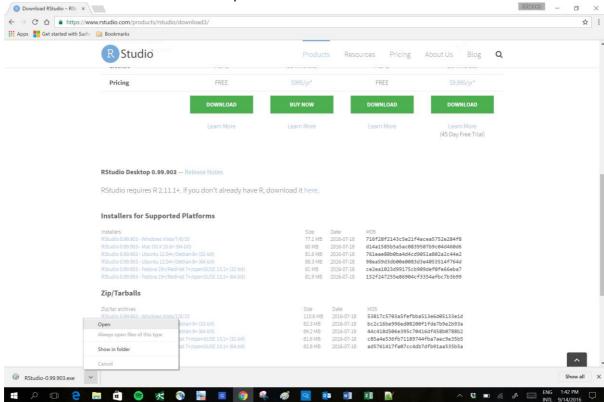
...Until you see the "Installers for Supported Platforms". Click on the Installer "RStudio ... Windows Vista/7/8/10".



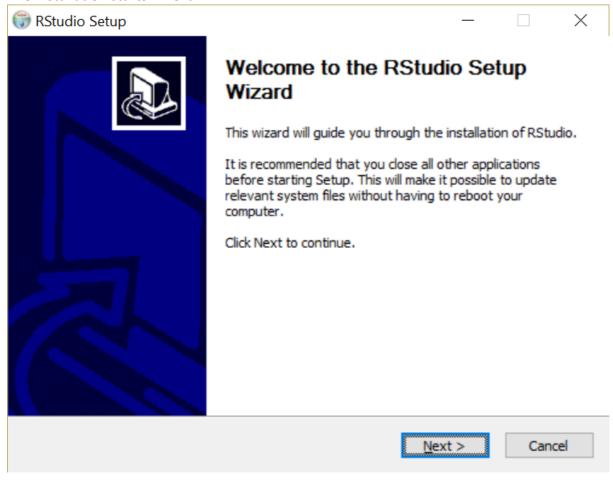
An .exe file gets downloaded (see lower left corner).



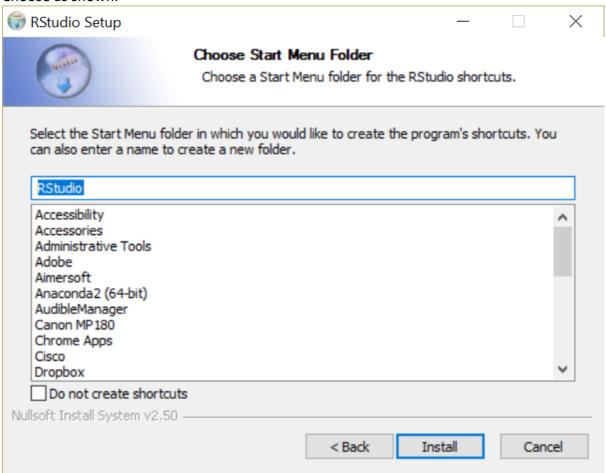
Click on the .exe file and choose "Open".



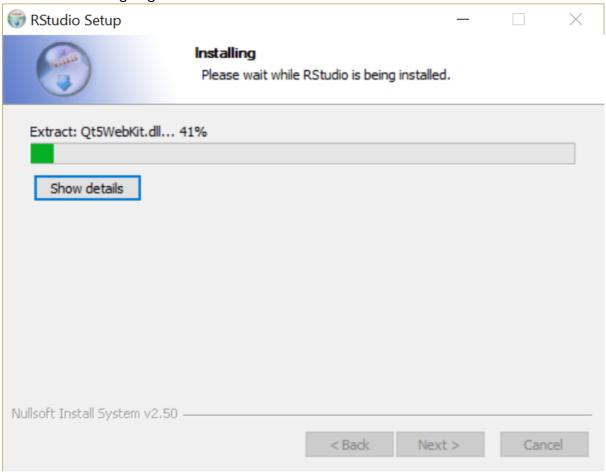
You may have to confirm that you want to allow the app to make changes to your computer.



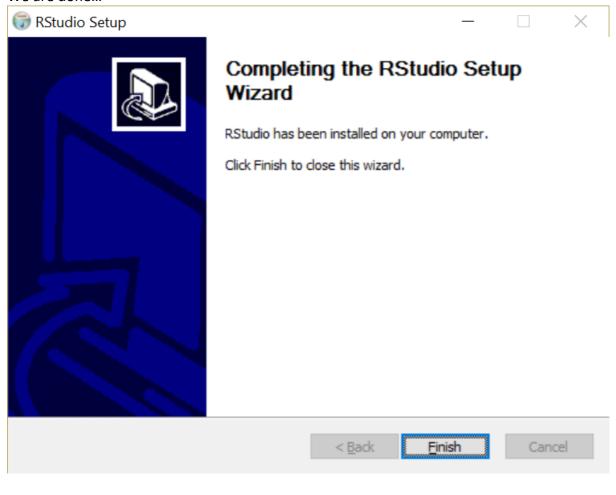
### Choose as shown.



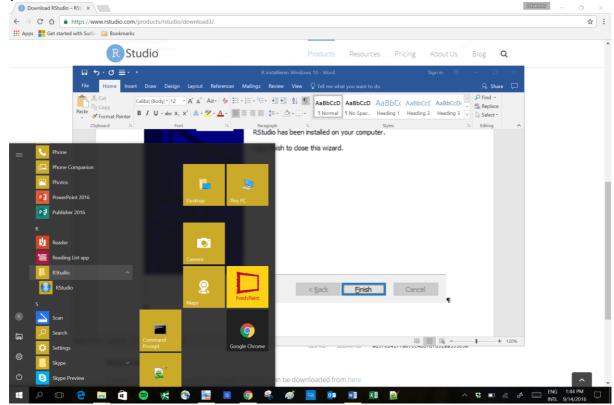
The installation is going on...



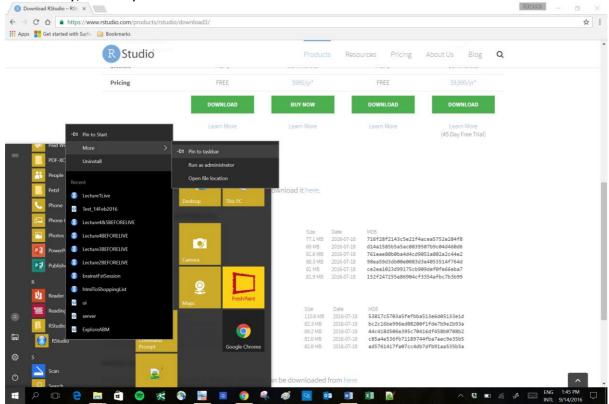
# We are done...



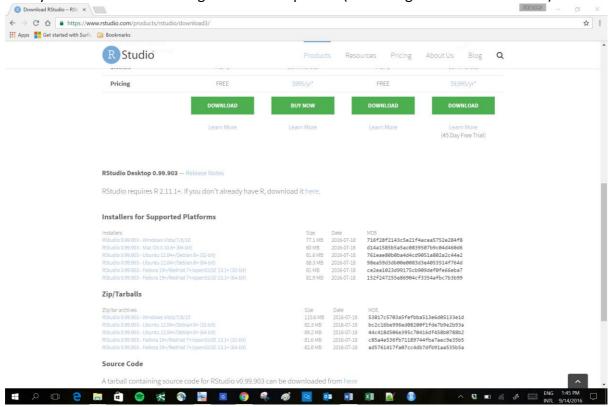
When you go to the Windows/start function and you scroll down the apps to the letter "R", you'll see RStudio.



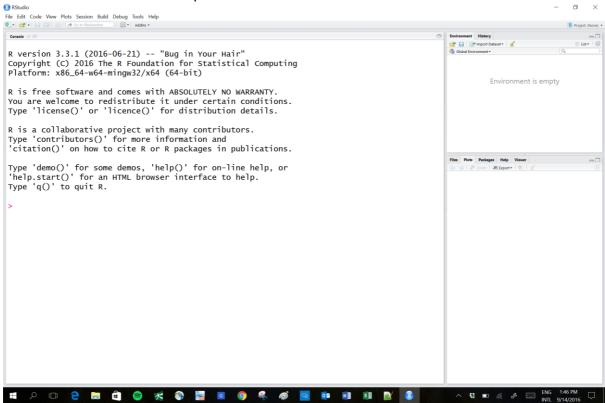
Right-click on RStudio, choose "More" and "Pin to taskbar" as shown below. This step is not mandatory, but very convenient.



Now you see RStudio at the right end of the pin bar (the blue globe with an R inside).



Click on the RStudio icon to open it. It looks like shown below.



That's it. More on this during the lecture.