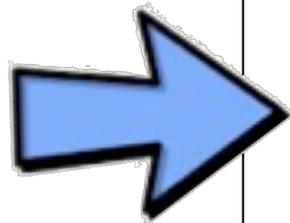


Install R - 1

- Go to <http://www.r-project.org>
- Click **CRAN** under download



The screenshot shows the R Project website. At the top left is the R logo, a blue 'R' inside a grey circle. Below it is a navigation menu with links: [Home], Download, CRAN, R Project, About R, Logo, Contributors, What's New?, Reporting Bugs, Development Site, Conferences, and Search. The 'Download' section is expanded, showing 'CRAN' as the primary download option. To the right of the navigation menu is the main content area with the heading 'The R Project for Statistics Computing' and a sub-heading 'Getting Started'. Below this, there is a paragraph of text about R being a free software environment for statistical computing on various platforms, followed by a link to 'download mirror'. Below that is another paragraph about frequently asked questions, followed by a 'News' section with two bullet points: 'R version 3.4.0 (You Stupid Darkness)' and 'R version 3.3.3 (Another Canoe)'. The bottom of the screenshot is partially cut off, showing the start of a news item about 'useR! 2017'.

The R Project for Statistics Computing

Getting Started

R is a free software environment for statistical computing and a variety of UNIX platforms, Windows and MacOS. To [download](#) [mirror](#).

If you have questions about R like how to download and install are, please read our [answers to frequently asked questions](#) b

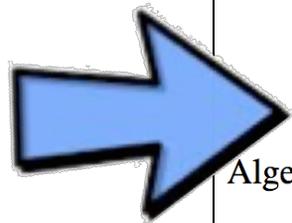
News

- **R version 3.4.0 (You Stupid Darkness)** has been released
- **R version 3.3.3 (Another Canoe)** has been released on M

... useR! 2017 (July 4 - 7 in Brussels) has opened registration

Install R - 2

- Click any link
 - <http://cloud.r-project.org> is fine
 - links are **mirrors**; they have identical content



CRAN Mirrors	
The Comprehensive R Archive Network is available at the following URLs, please choose the status of the mirrors can be found here: main page , windows release , windows old releases	
If you want to host a new mirror at your institution, please have a look at the CRAN Mirror	
0-Cloud	
https://cloud.r-project.org/	Automatic redirection to servers sponsored by Rstudio
http://cloud.r-project.org/	Automatic redirection to servers sponsored by Rstudio
Algeria	
https://cran.usthb.dz/	University of Science and Techn
http://cran.usthb.dz/	University of Science and Techn
Argentina	
http://mirror.fcaglp.unlp.edu.ar/CRAN/	Universidad Nacional de La Plat
Australia	
https://cran.csiro.au/	CSIRO
http://cran.csiro.au/	CSIRO

Install R - 3

- Download & run installer for your platform

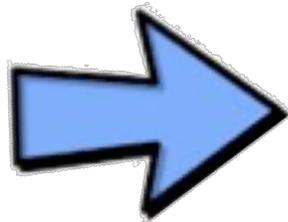


[What's new?](#)
[Ask Views](#)
[Arch](#)

[About R](#)
[Homepage](#)
[The R Journal](#)

[Software](#)
[Sources](#)
[Binaries](#)
[Packages](#)
[Other](#)

[Documentation](#)



The Comprehensive R Archi

Download and Install R

Precompiled binary distributions of the base system and contributed packages are available for most platforms. If you want one of these versions of R:

- [Download R for Linux](#)
- [Download R for \(Mac\) OS X](#)
- [Download R for Windows](#)

R is part of many Linux distributions, you should check with your Linux distribution for the link above.

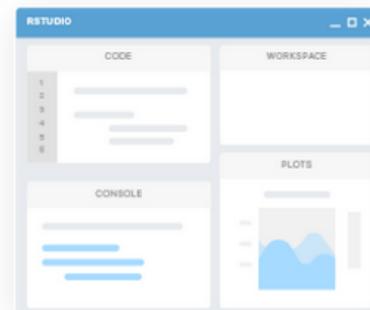
Source Code for all Platforms

Windows and Mac users most likely want to download the precompiled source code. The sources have to be compiled before you can use them. Linux users probably do not want to do it!

- The latest release (Friday 2017-04-21, You Stupid Darkness) [R-3.4.0](#)
- Sources of [R alpha and beta releases](#) (daily snapshots, created only for Linux)
- Daily snapshots of current patched and development versions are available

Install RStudio Desktop - 1

- Go to <http://rstudio.com>
- Click **Download**
- Download & run **RStudio Desktop** installer for your platform

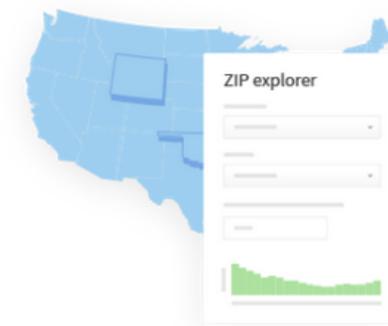


RStudio

RStudio makes R easier to use. It includes a code editor, debugging & visualization tools.

 Download

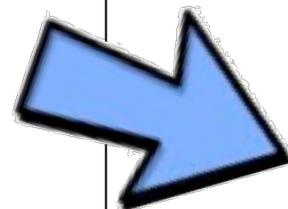
 Learn More



Shiny

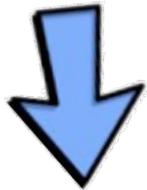
Shiny helps you make interactive web applications for visualizing data. Bring R data analysis to life.

 Learn More



Install RStudio - 2

- Test it works!
 - Start RStudio
 - Locate **Console** tab
 - Enter commands in **Console**



```
Console ~/ 
Natural language support but running in an English locale

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.

> 4+3
[1] 7
> rnorm(4)
[1] 0.04362081 -0.49851275 1.30173861 -0.89610909
> |
```

Type
4 + 3
then ENTER
R prints result

Type
rnorm(4)
then ENTER.
R prints four random
normal numbers. (Your
answers will be different.)