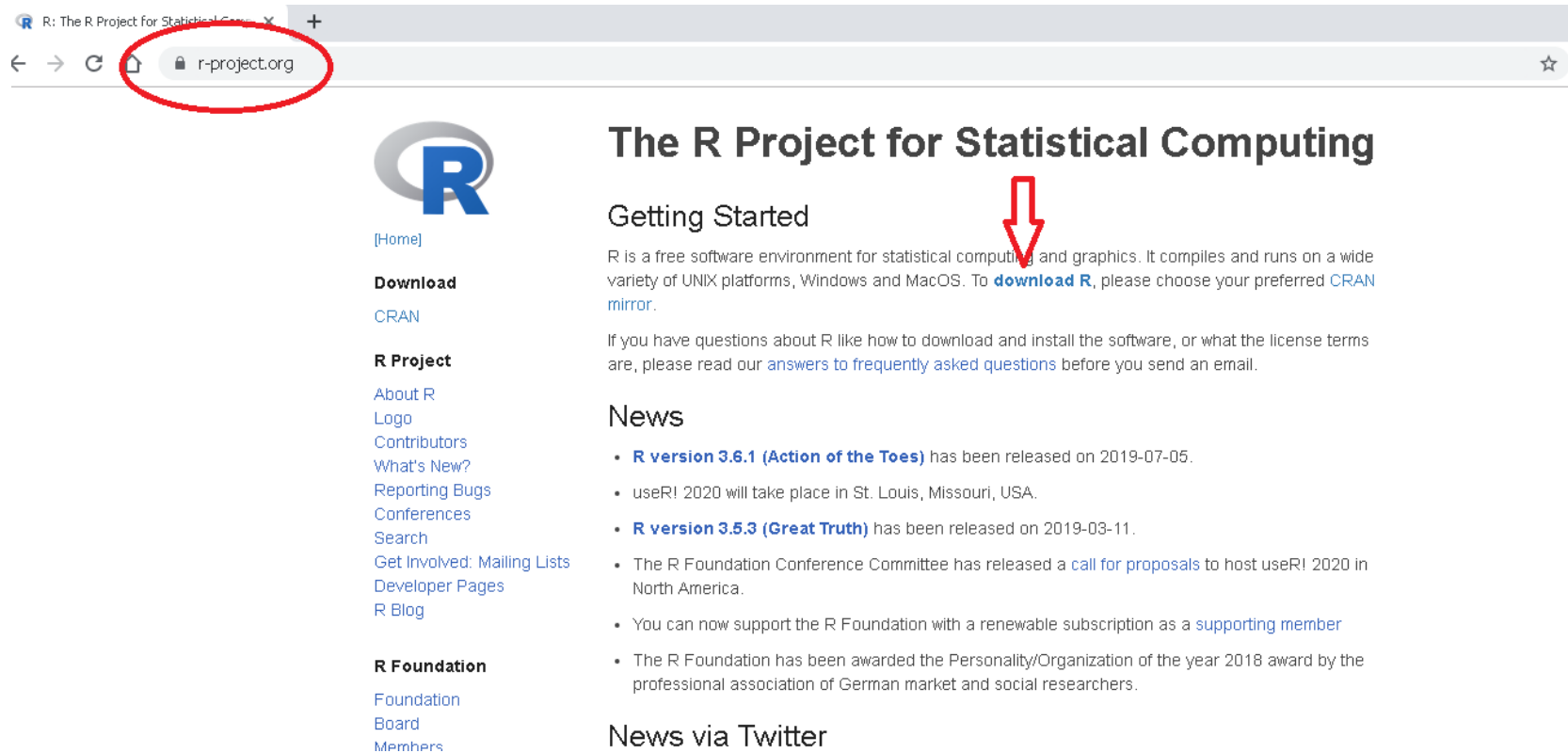



Instalando o R



R: The R Project for Statistical Computing

← → ↻ 🔒 r-project.org ☆



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The R Project for Statistical Computing

Getting Started

R is a free software environment for statistical computing and graphics. It compiles and runs on a wide variety of UNIX platforms, Windows and MacOS. To [download R](#), please choose your preferred [CRAN mirror](#).

If you have questions about R like how to download and install the software, or what the license terms are, please read our [answers to frequently asked questions](#) before you send an email.

News

- [R version 3.6.1 \(Action of the Toes\)](#) has been released on 2019-07-05.
- useR! 2020 will take place in St. Louis, Missouri, USA.
- [R version 3.5.3 \(Great Truth\)](#) has been released on 2019-03-11.
- The R Foundation Conference Committee has released a [call for proposals](#) to host useR! 2020 in North America.
- You can now support the R Foundation with a renewable subscription as a [supporting member](#)
- The R Foundation has been awarded the Personality/Organization of the year 2018 award by the professional association of German market and social researchers.

News via Twitter

CRAN Mirrors

The Comprehensive R Archive Network is available at the following URLs, please choose a location close to you. Some statistics on the status of the mirror are available on the [main page](#), [windows release](#), [windows old release](#).

If you want to host a new mirror at your institution, please have a look at the [CRAN Mirror HOWTO](#).

0-Cloud

<https://cloud.r-project.org/>

Automatic redirection to servers worldwide, currently sponsored by Rstudio

<http://cloud.r-project.org/>

Automatic redirection to servers worldwide, currently sponsored by Rstudio

Algeria

<https://cran.usthb.dz/>

University of Science and Technology Houari Boumediene

<http://cran.usthb.dz/>

University of Science and Technology Houari Boumediene

Argentina

<http://mirror.fcaglp.unlp.edu.ar/CRAN/>

Universidad Nacional de La Plata

Australia

<https://cran.csiro.au/>

CSIRO

<http://cran.csiro.au/>

CSIRO

<https://mirror.aarnet.edu.au/pub/CRAN/>

AARNET

<https://cran.ms.unimelb.edu.au/>

School of Mathematics and Statistics, University of Melbourne

<https://cran.curtin.edu.au/>

Curtin University of Technology

Austria

<https://cran.wu.ac.at/>

Wirtschaftsuniversität Wien

<http://cran.wu.ac.at/>

Wirtschaftsuniversität Wien

Belgium

<https://www.freeststatistics.org/cran/>

Patrick Wessa

<http://www.freeststatistics.org/cran/>

Patrick Wessa

<https://lib.ugent.be/CRAN/>

Ghent University Library

<http://lib.ugent.be/CRAN/>

Ghent University Library

Brazil

<http://nbsgib.uesp.br/mirrors/cran/>

Computational Biology Center at Universidade Estadual de Santa Cruz

<https://cran-r.c3sl.ufpr.br/>

Universidade Federal do Parana

<http://cran-r.c3sl.ufpr.br/>

Universidade Federal do Parana

<https://cran.fiocruz.br/>

Oswaldo Cruz Foundation, Rio de Janeiro

<http://cran.fiocruz.br/>

Oswaldo Cruz Foundation, Rio de Janeiro

<https://vps.fmvz.usp.br/CRAN/>

Universitv of Sao Paulo. Sao Paulo



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The Comprehensive R Archive Network

Download and Install R

Precompiled binary distributions of the base system and contributed packages, **Windows and Mac** users likely 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 package management system to the link above.

Source Code for all Platforms

Windows and Mac users most likely want to download the precompiled binaries listed in the upper box for source code. The sources have to be compiled before you can use them. If you do not know what this probably do not want to do it!

- The latest release (2019-07-05, Action of the Toes) [R-3.6.1.tar.gz](#), read [what's new](#) in the latest version.
- Sources of [R alpha and beta releases](#) (daily snapshots, created only in time periods before a release).
- Daily snapshots of current patched and development versions are [available here](#). Please read a [features and bug fixes](#) before filing corresponding feature requests or bug reports.
- Source code of older versions of R is [available here](#).
- Contributed extension [packages](#)

Questions About R

- If you have questions about R like how to download and install the software, or what the license are, please read our [answers to frequently asked questions](#) before you send an email.

The Comprehensive R Archive Network x +

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R

R for Windows

Subdirectories:

base	Binaries for base distribution. This is what you want to install R for the first time .
contrib	Binaries of contributed CRAN packages (for R >= 2.13.x; managed by Uwe Ligges). There is information on third party software available for CRAN Windows services and corresponding and make variables.
old.contrib	Binaries of contributed CRAN packages for outdated versions of R (for R < 2.13.x; managed by Uwe Ligges).
Rtools	Tools to build R and R packages. This is what you want to build your own packages on Windows and build R itself.

Please do not submit binaries to CRAN. Package developers might want to contact Uwe Ligges directly in case of questions related to Windows binaries.

You may also want to read the [R FAQ](#) and [R for Windows FAQ](#).

Note: CRAN does some checks on these binaries for viruses, but cannot give guarantees. Use the normal precautions for executables.

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R-3.6.1 for Windows (32/64 bit)

[Download R 3.6.1 for Windows](#) (81 megabytes, 32/64 bit)

[Installation and other instructions](#)
[New features in this version](#)

Baixe a última versão e instale.

If you want to double-check that the package you have downloaded matches the package distributed by CRAN, you can use the .exe to the [fingerprint](#) on the master server. You will need a version of md5sum for windows: both [graphical](#) and [command line](#) are available.

Frequently asked questions

- [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.

Other builds

- 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 [here](#).
- [Previous releases](#)

Note to webmasters: A stable link which will redirect to the current Windows binary release is [<CRAN_MIRROR>/bin/windows/base/release.htm](#).

Last change: 2019-07-05

Instalando o R Studio



RStudio

Take control of your R code

RStudio is an integrated development environment (IDE) for R. It includes a console, syntax-highlighting editor that supports direct code execution, as well as tools for plotting, history, debugging and workspace management. [Click here to see more RStudio features.](#)

RStudio is available in open source and commercial editions and runs on the desktop (Windows, Mac, and Linux) or in a browser connected to RStudio Server or RStudio Server Pro (Debian/Ubuntu, RedHat/CentOS, and SUSE Linux).



Desktop

Run RStudio on your desktop

[RStudio Desktop >](#)



Server

Centralize access and computation

[RStudio Server >](#)

Take a tour of RStudio's IDE

RStudio - RStudio

rstudio.com/products/rstudio/#Desktop

RStudio

- Easy manage multiple working directories using projects
- Integrated R help and documentation
- Interactive debugger to diagnose and fix errors quickly
- Extensive package development tools

- A commercial license for organizations not able to use AGPL or RSWAG
- Access to priority support

Support	Community forums only	<ul style="list-style-type: none">• Priority Email Support• 8 hour response during business hours (ET)
License	AGPL v3	RStudio License Agreement
Pricing	Free	\$995/year

[DOWNLOAD RSTUDIO DESKTOP](#)[BUY NOW](#)

Na mesma página anterior (tem que dar page-down)



RStudio Desktop
Open Source License

FREE

DOWNLOAD

Learn More

RStudio Desktop
Commercial License

\$995 per year

BUY

Learn More

RStudio Server
Open Source License

FREE

DOWNLOAD

Learn More

RStudio Server Pro
Commercial License

\$4,975 per year
(5 Named Users)

BUY

Evaluation | Learn More

Integrated Tools for R



Priority Support





RStudio Desktop 1.2.1335 — 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.

RStudio 1.2 requires a 64-bit operating system, and works exclusively with the 64 bit version of R. If you are on a 32 bit system or need the 32 bit version of R, you can use an [older version](#) of RStudio.

Installers for Supported Platforms

Installers	Size	Date	MD5
RStudio 1.2.1335 - Windows 7+ (64-bit)	126.9 MB	2019-04-08	d0e2470f1f8ef4cd35a669aa323a2136
RStudio 1.2.1335 - macOS 10.12+ (64-bit)	121.1 MB	2019-04-08	6c570b0e2144583f7c48c284ce299eef
RStudio 1.2.1335 - Ubuntu 14/Debian 8 (64-bit)	92.2 MB	2019-04-08	c1b07d0511469abfe582919b183eee83
RStudio 1.2.1335 - Ubuntu 16 (64-bit)	99.3 MB	2019-04-08	c142d69c210257fb10d18c045fff13c7
RStudio 1.2.1335 - Ubuntu 18/Debian 10 (64-bit)	100.4 MB	2019-04-08	71a8d1990c0d97939804b46cfb0aea75
RStudio 1.2.1335 - Fedora 19/RedHat 7 (64-bit)	114.1 MB	2019-04-08	296b6ef88969a91297fab6545f256a7a
RStudio 1.2.1335 - Debian 9 (64-bit)	100.6 MB	2019-04-08	1e32d4d6f6e216f086a81ca82ef65a91
RStudio 1.2.1335 - OpenSUSE 15 (64-bit)	101.6 MB	2019-04-08	2795a63c7efd8e2aa2dae86ba09a81e5
RStudio 1.2.1335 - SLES/OpenSUSE 12 (64-bit)	94.4 MB	2019-04-08	c65424b06ef6737279d982db9eefcae1

INSTALE O R PRIMEIRO!

Fontes de Consulta R/RStudio

- Introdução ao uso do programa R

<https://cran.r-project.org/doc/contrib/Landeiro-Introducao.pdf>

- Introdução ao uso do software R para as Ciências Biológicas

<https://cantinhodor.wordpress.com/2015/03/28/a-boa-e-velha-apostila-basica-do-r/>

- Minicurso Software R

<https://www.ime.uerj.br/~mrubens/slae/minicursosoftwareR.pdf>

- Apostila R Studio

<https://wp.ufpel.edu.br/cdshikida/apostilarstudio/>

Fontes de Consulta R/RStudio

YOUTUBE

- Tutorial R

<https://www.youtube.com/playlist?list=PLzWDDw1w8cTRWZ5NtxnlICQvh17QqJyH->

- Curso Linguagem R (mais completo)

https://www.youtube.com/playlist?list=PLWhiA_CuQkbCKivmr-5iZy-Fo8ic1iyB2

- Curso de Programação em R para Análise de Dados (usa o RStudio)

https://www.youtube.com/playlist?list=PLucm8g_ezqNq0RMHvzZ8M32xhopFhmsr6

- Mais um curso (com RStudio)

<https://>

www.youtube.com/watch?v=qkXvS_zGDTY&list=PLpP6Vtbf7WYgOjAY1WB3tvQPyMrNeeTjy

- Programação em R - Como instalar e testar o RStudio IDE

<https://www.youtube.com/watch?v=m0t3QU5DIP0>