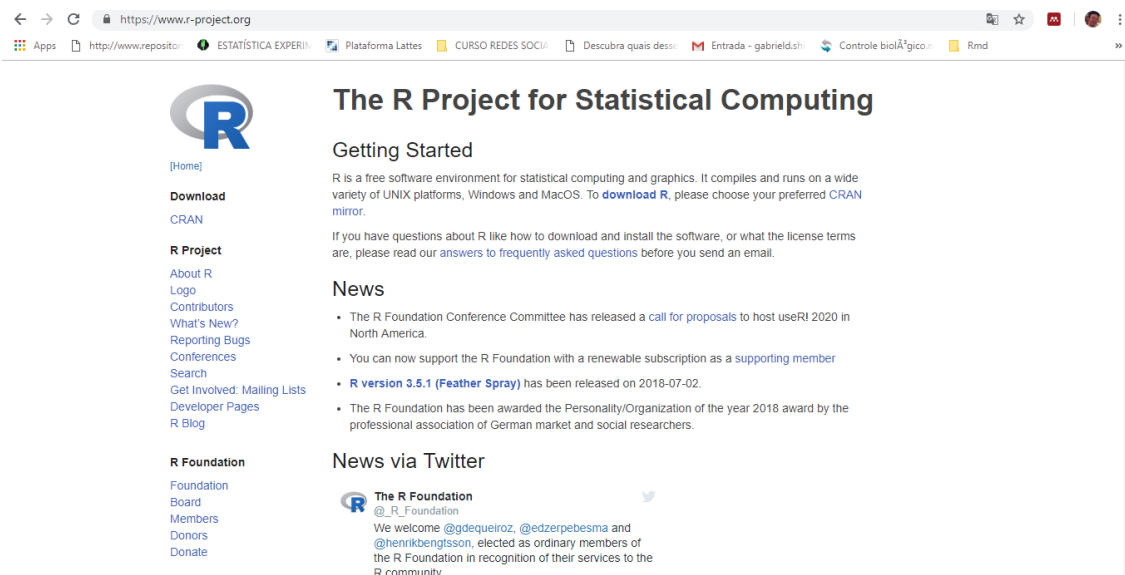


INSTALANDO O SOFTWARE R

Acessar: <https://www.r-project.org/>



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.

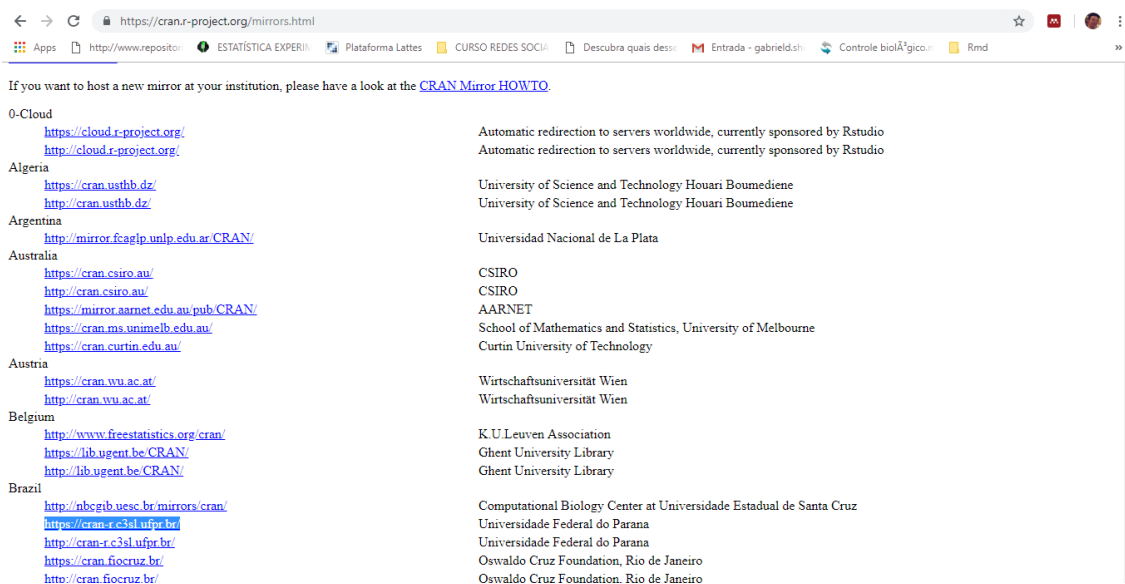
News

- 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](#)
- R version 3.5.1 (Feather Spray)** has been released on 2018-07-02.
- 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

 **The R Foundation**
@_R_Foundation
We welcome @gdequeiroz, @edzerpebesma and @henrikbengtsson, elected as ordinary members of the R Foundation in recognition of their services to the R community.

Ir em: Download > CRAN



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


Country	URL	Institution
0-Cloud	https://cloud.r-project.org/	Automatic redirection to servers worldwide, currently sponsored by Rstudio
Algeria	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	http://www.freeststatistics.org/cran/	K.U. Leuven Association
	https://lib.ugent.be/CRAN/	Ghent University Library
	http://lib.ugent.be/CRAN/	Ghent University Library
Brazil	http://nbcgib.uesc.br/mirrors/cran/	Computational Biology Center at Universidade Estadual de Santa Cruz
	https://cran-r.c3sl.ufpr.br/	Universidade Federal do Paraná
	http://cran-r.c3sl.ufpr.br/	Universidade Federal do Paraná
	https://cran.fiocruz.br/	Oswaldo Cruz Foundation, Rio de Janeiro
	http://cran.fiocruz.br/	Oswaldo Cruz Foundation, Rio de Janeiro

Ir em: Primeira opção da Universidade Federal do Paraná

← → ↻ https://cran.r-c3sl.ufpr.br

Apps http://www.repositorio... ESTATÍSTICA EXPERIMENTAL Plataforma Lattes CURSO REDES SOCIAIS Descubra quais des... Entrada - gabriel.d.sh... Controle bioinformático Rmd

The Comprehensive R Archive Network



CRAN
Mirrors
What's new?
Task Views
Search

About R
R Homepage
The R Journal

Software
R Sources
R Binaries
Packages
Other

Documentation
Manuals
FAQs
Contributed

Download and Install R

Precompiled binary distributions of the base system and contributed packages. **Windows and Mac** users most 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 in addition 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, not the source code. The sources have to be compiled before you can use them. If you do not know what this means, you probably do not want to do it!

- The latest release (2018-07-02, Feather Spray) [R-3.5.1.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 planned release).
- Daily snapshots of current patched and development versions are [available here](#). Please read about [new 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 terms are, please read our [answers to frequently asked questions](#) before you send an email.

Ir em: Escolher a opção do sistema operacional do computador

← → ↻ https://cran.r-c3sl.ufpr.br

Apps http://www.repositorio... ESTATÍSTICA EXPERIMENTAL Plataforma Lattes CURSO REDES SOCIAIS Descubra quais des... Entrada - gabriel.d.sh... Controle bioinformático Rmd

R for Windows



CRAN
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About R
R Homepage
The R Journal

Software
R Sources
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Documentation
Manuals
FAQs
Contributed

Subdirectories:

- [base](#)
- [contrib](#)
- [old contrib](#)
- [Rtools](#)

Binaries for base distribution. This is what you want to [install R for the first time](#).

Binaries of contributed CRAN packages (for R >= 2.13.x; managed by Uwe Ligges). There is also information on [third party software](#) available for CRAN Windows services and corresponding environment and make variables.

Binaries of contributed CRAN packages for outdated versions of R (for R < 2.13.x; managed by Uwe Ligges).

Tools to build R and R packages. This is what you want to build your own packages on Windows, or to build R itself.

Please do not submit binaries to CRAN. Package developers might want to contact Uwe Ligges directly in case of questions / suggestions 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 with downloaded executables.

Ir em: Instalar R pela primeira vez

Executar o instalador

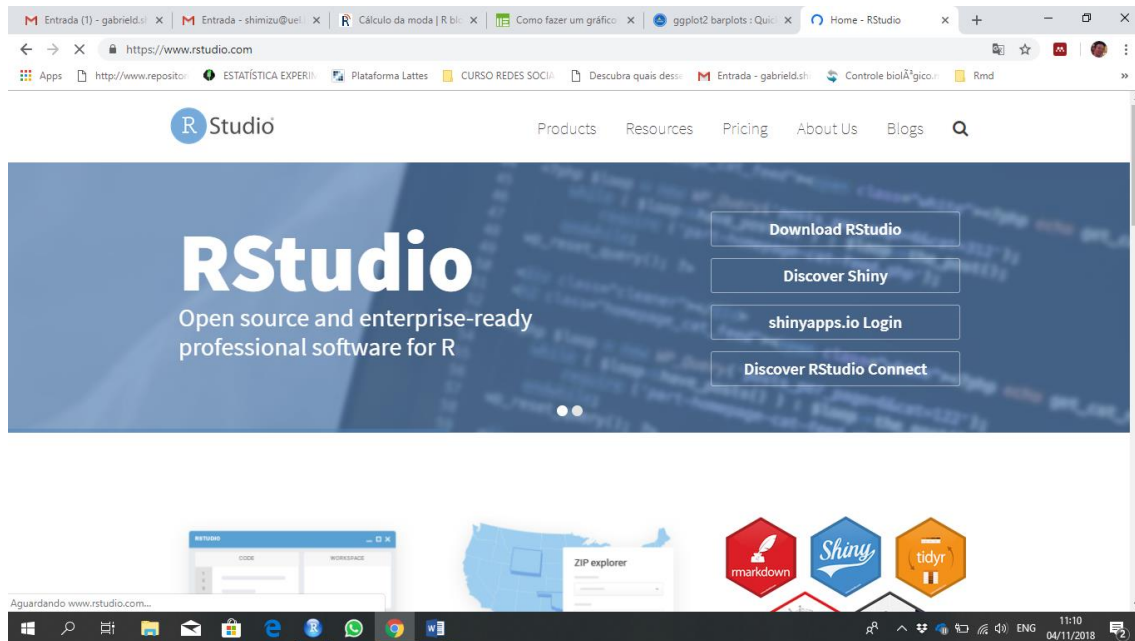


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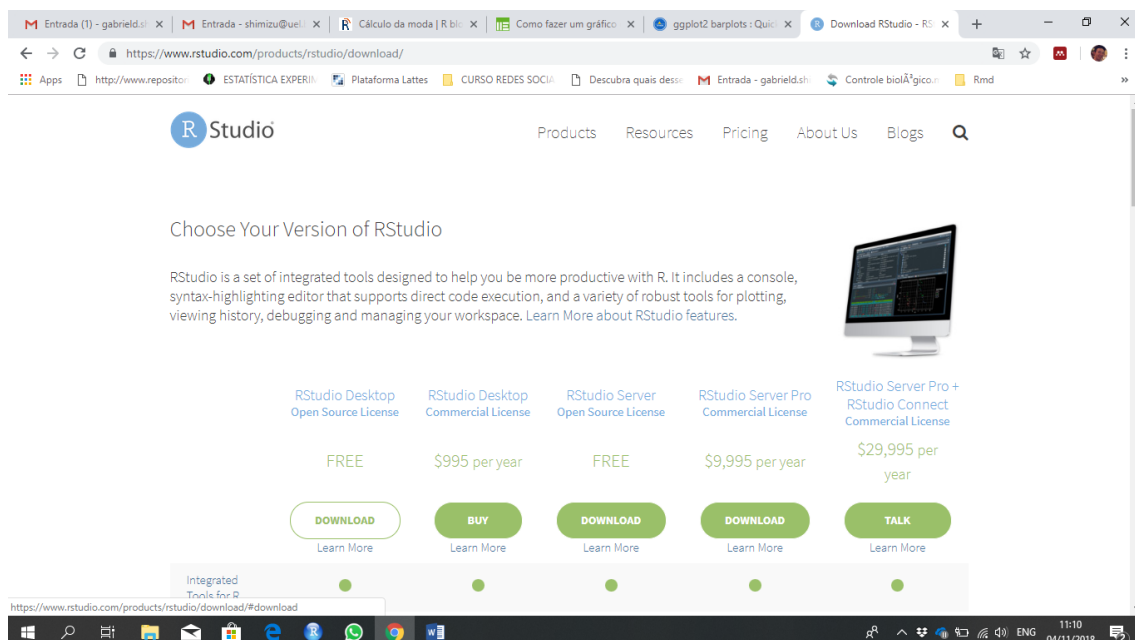


INSTALANDO O SOFTWARE R STUDIO

Acessar: <https://www.rstudio.com/>



Ir em: Download Rstudio

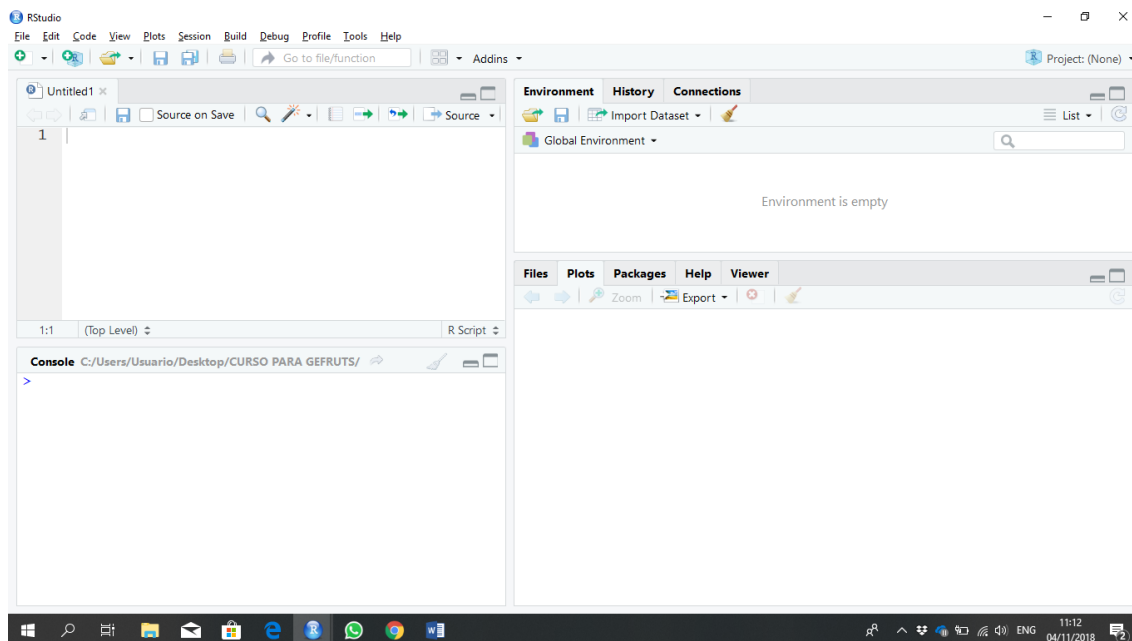


Baixar a versão FREE (primeira coluna) do Rstudio

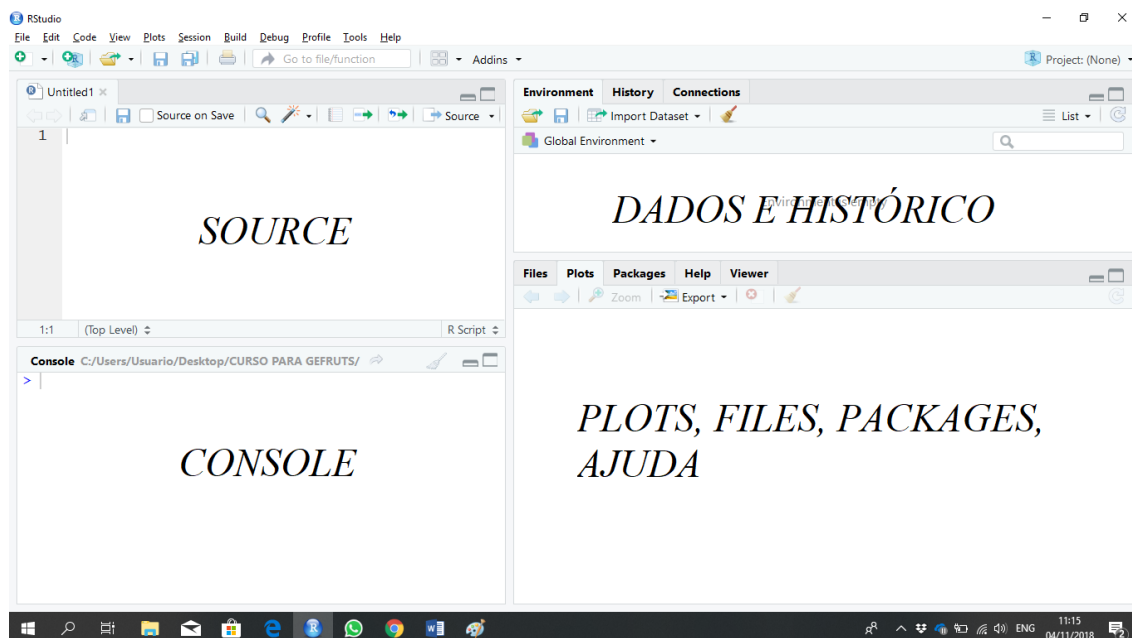
Executar o instalador.

PRIMEIROS PASSO COM O RSTUDIO

Abra o Rstudio



Ambiente Rstudio

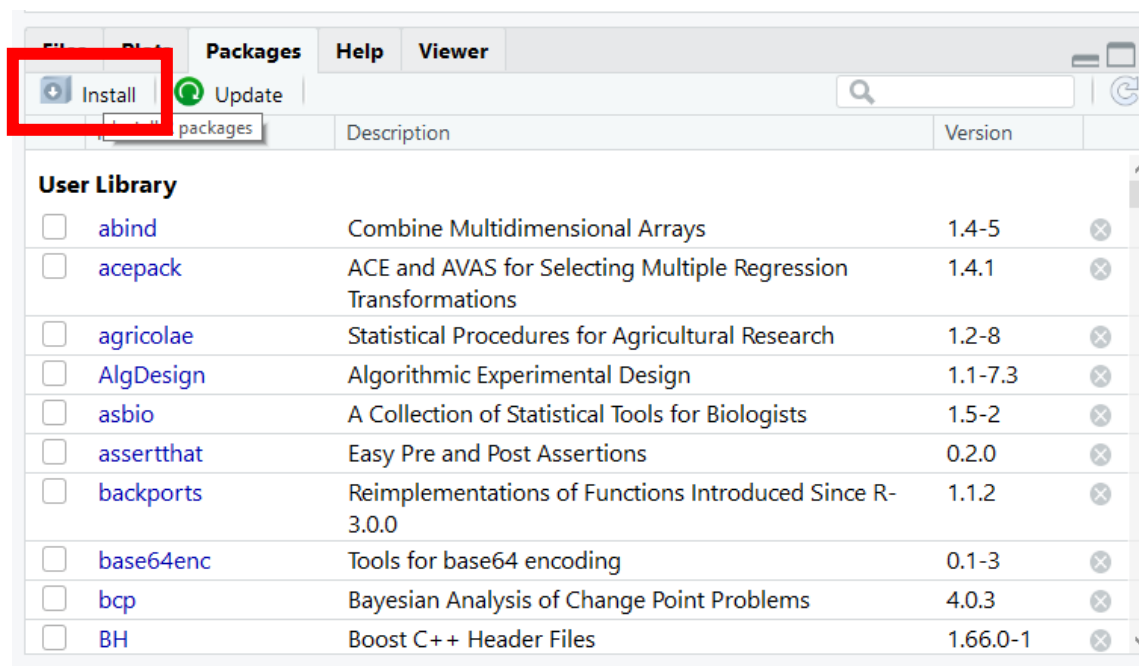
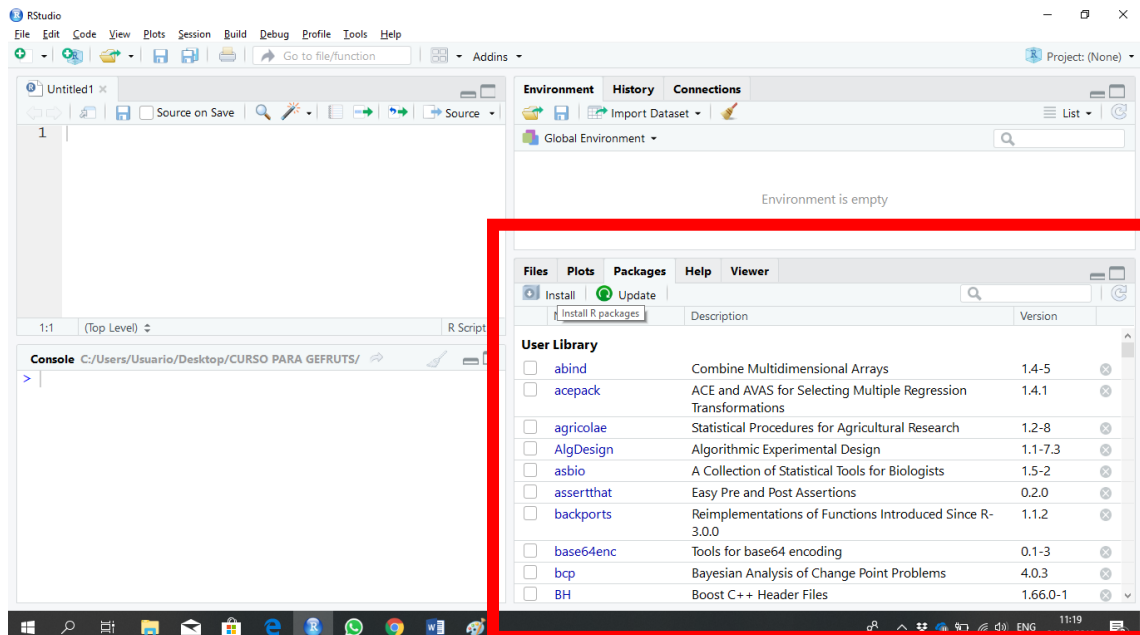


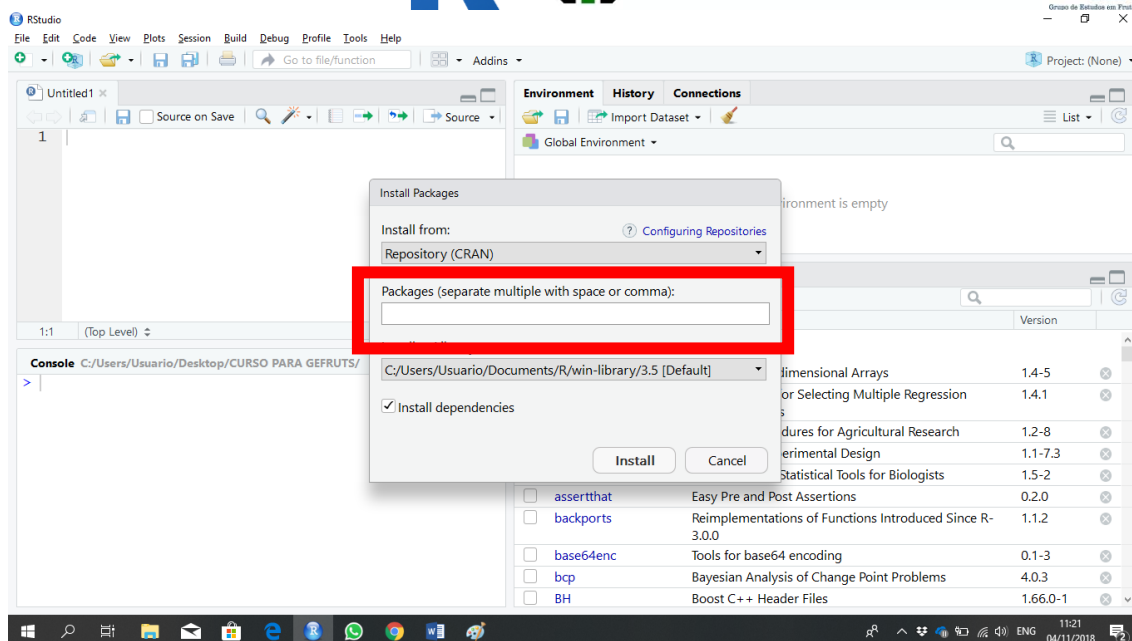
Source: é seu script (Sempre construir o script aqui, nunca no console)

Console: é a saída

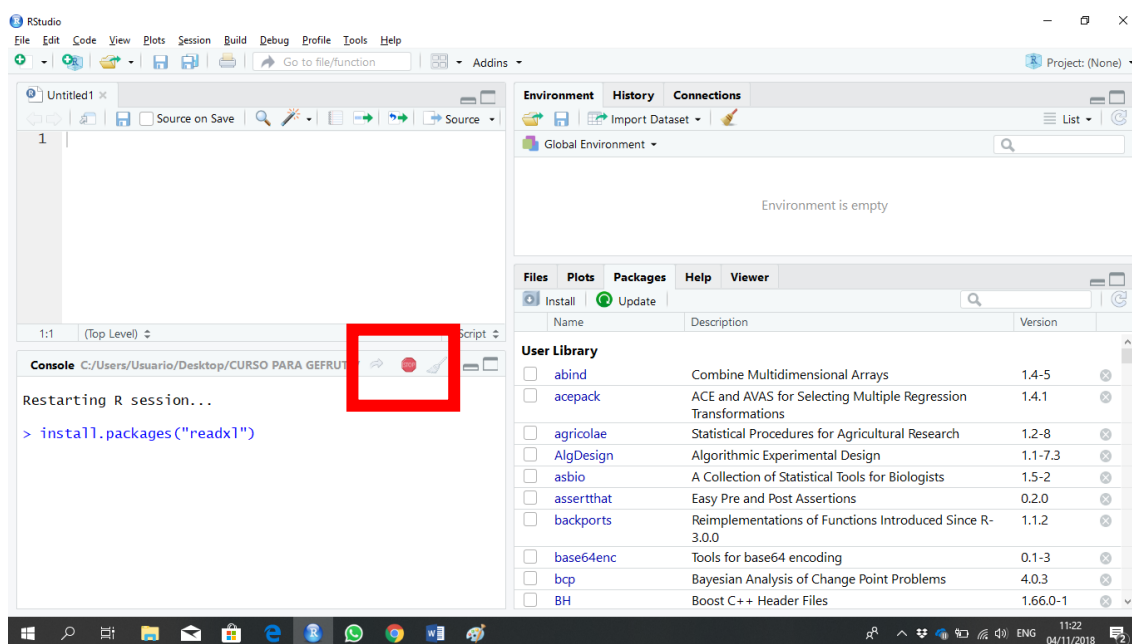
Dados e histórico: é onde está os dados e tudo que foi realizado durante a análise

Plots, files, packages, ajuda: é a saída gráfica, as pastas do diretório atual, os pacotes instalados e a ajuda





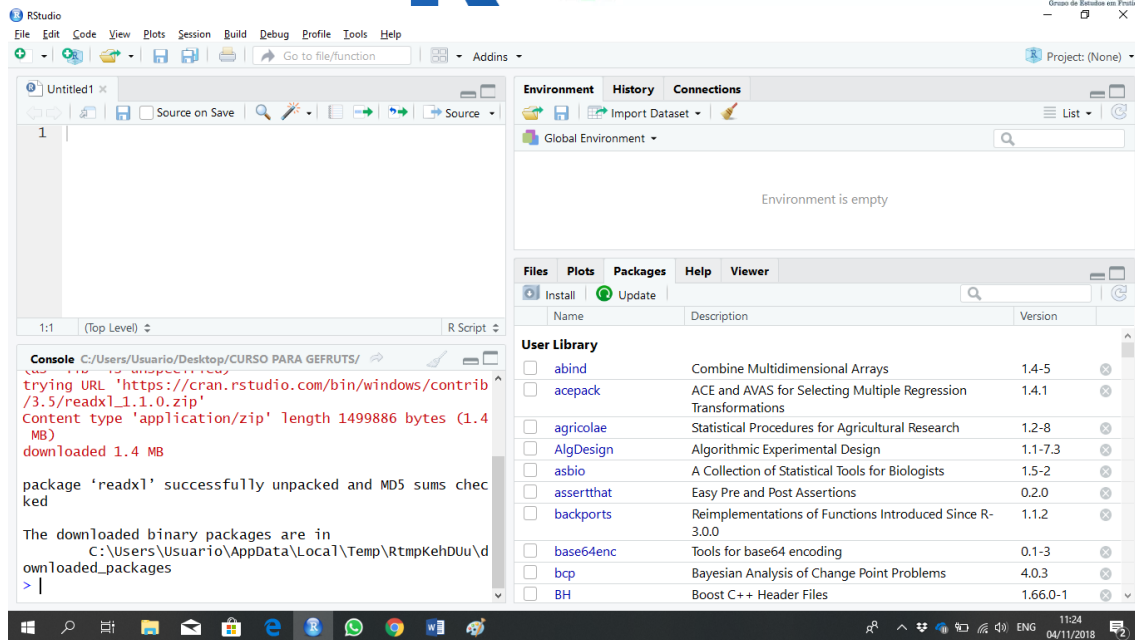
Digitar o nome do pacote desejado e depois em “Install”.



Toda vez que aparecer o ícone em vermelho, o Rstudio está trabalhando, dessa forma, não executar mais nada até o ícone desaparecer.



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Instalar pacotes:

readxl
MASS
easynova
car
agricolae
ExpDes.pt
ggplot2
hnp
rmarkdown
knitr
nortest
multicomp
Hmisc
devtools

Chamando pacote no Rstudio

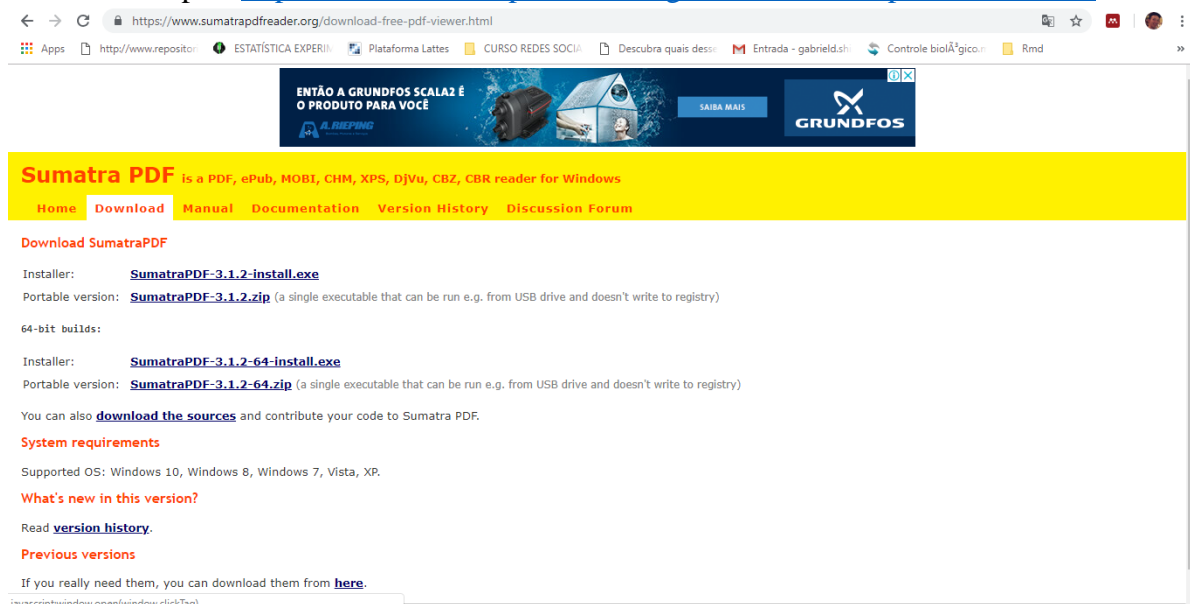
Função:

library(nome do pacote)
require(nome do pacote)
nome do pacote::

Ex. library(readxl); require(readxl); readxl::

Softwares complementares

Sumatra leitor de pdf: <https://www.sumatrapdfreader.org/download-free-pdf-viewer.html>

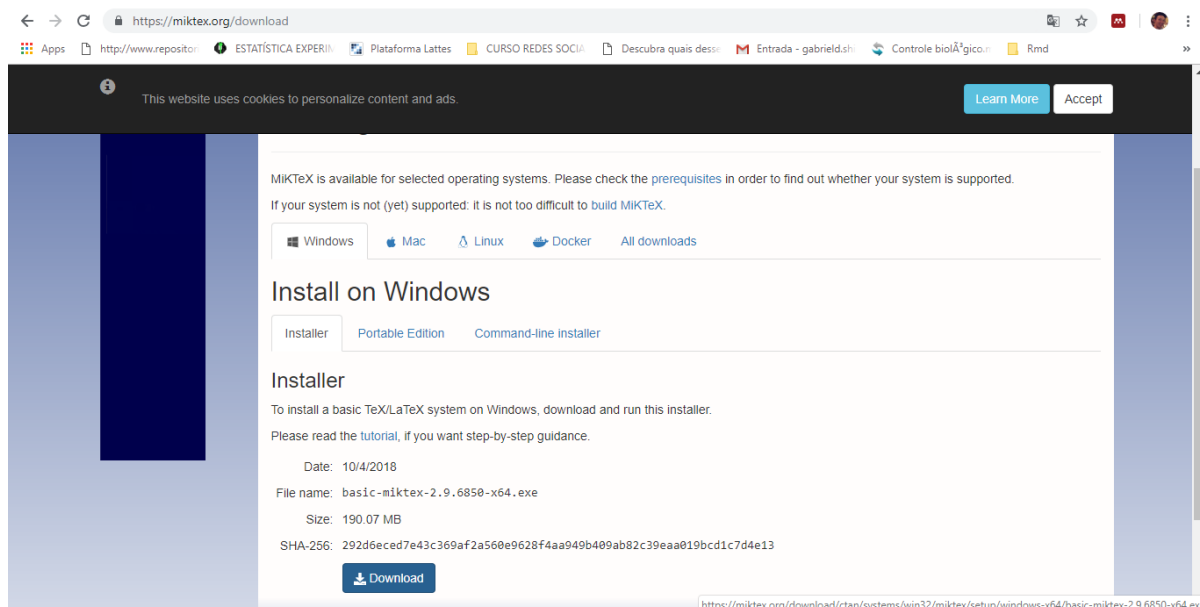


The screenshot shows the Sumatra PDF website. At the top, there's a navigation bar with links: Home, Download, Manual, Documentation, Version History, and Discussion Forum. Below this, the text reads: "Sumatra PDF is a PDF, ePub, MOBI, CHM, XPS, DJVu, CBZ, CBR reader for Windows". Under the "Download" tab, it lists two versions: "SumatraPDF-3.1.2-install.exe" and "SumatraPDF-3.1.2-64-install.exe". It also mentions portable versions and provides links to download the sources. A system requirements section states it supports Windows 10, 8, 7, Vista, and XP. There's also a "What's new in this version?" section and a link to the version history.

Baixar a versão conforme a configuração do computador

Executar o instalador

Miktex (pacotes do LaTeX): <https://miktex.org/download>



The screenshot shows the MikTeX download page. It starts with a cookie notice. Below, it says "MiKTeX is available for selected operating systems. Please check the prerequisites in order to find out whether your system is supported." There are tabs for Windows, Mac, Linux, Docker, and All downloads. The "Windows" tab is selected, showing options for "Installer", "Portable Edition", and "Command-line installer". The "Installer" tab is active, displaying the date (10/4/2018), file name (basic-miktex-2.9.6850-x64.exe), size (190.07 MB), and SHA-256 hash. A "Download" button is at the bottom.