

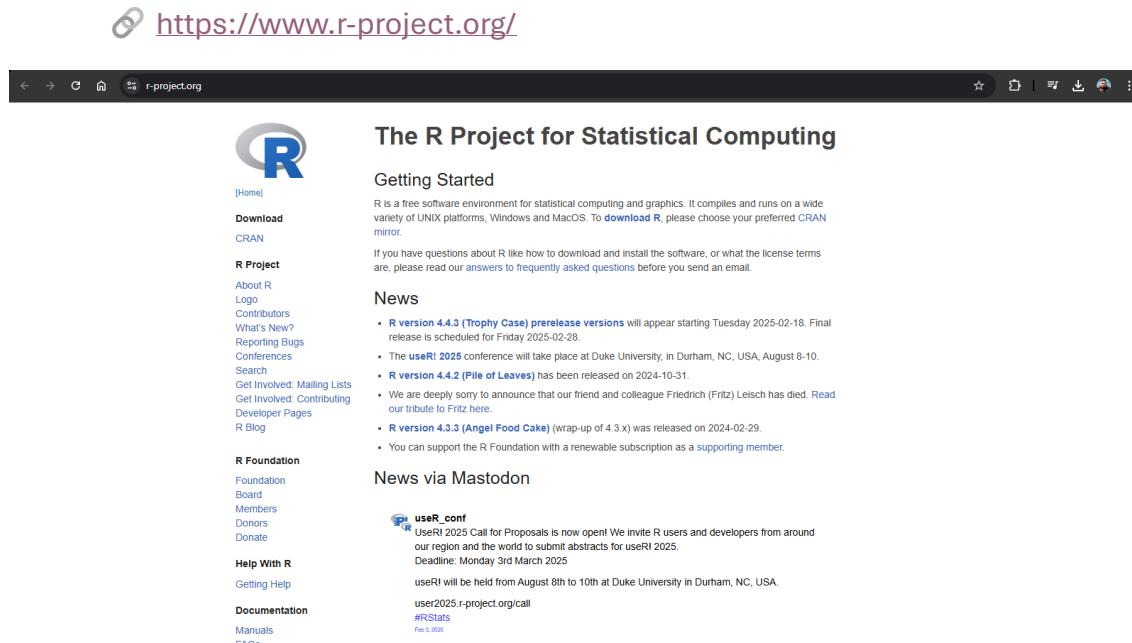
Tutorial: Como instalar R e RStudio no Windows

1. Instalando o R

O R é uma linguagem e ambiente para computação estatística e gráficos. Para utilizá-lo de maneira eficiente, precisamos primeiro instalar o R e, em seguida, o RStudio.

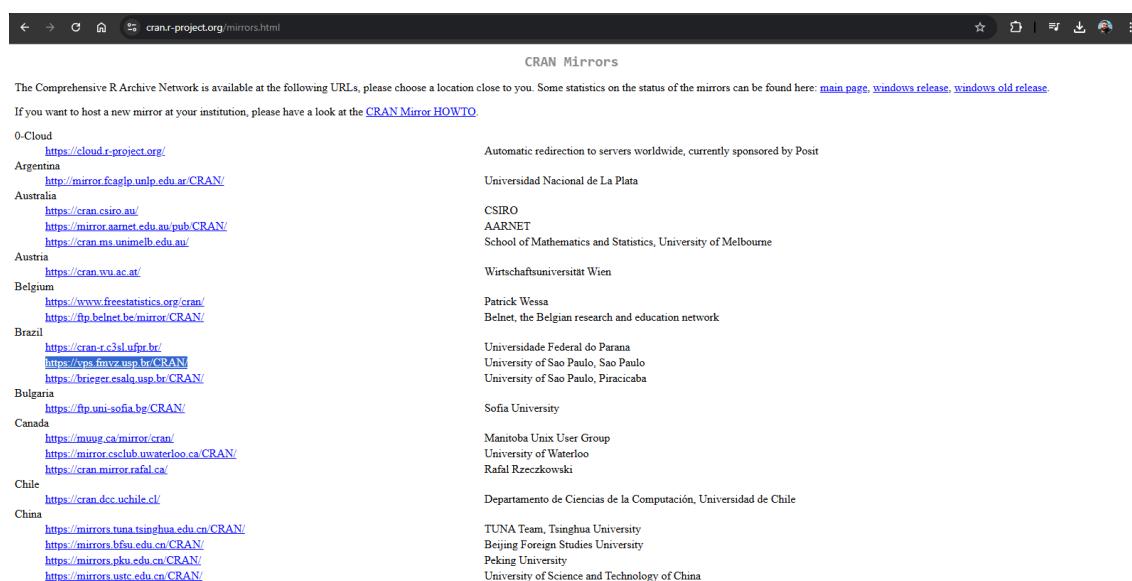
Passo 1: Baixar o instalador do R

- Acesse o site oficial do R:



The screenshot shows the official R Project website at <https://www.r-project.org/>. The main navigation bar includes links for Home, Download, CRAN, R Project, R Foundation, Help With R, Documentation, and News. The 'Download' section is highlighted. It contains links for About R, Logo, Contributors, What's New?, Reporting Bugs, Conferences, Search, Get Involved: Mailing Lists, Get Involved: Contributing, Developer Pages, R Blog, and R Foundation. The 'Getting Started' section provides information about R being a free software environment for statistical computing and graphics, compiled and run on various platforms. It links to the CRAN mirror selection page. The 'News' section lists recent releases and events like userR! 2025. The 'News via Mastodon' section links to userR_2025_call_for_proposals.

- Clique em CRAN (Comprehensive R Archive Network).

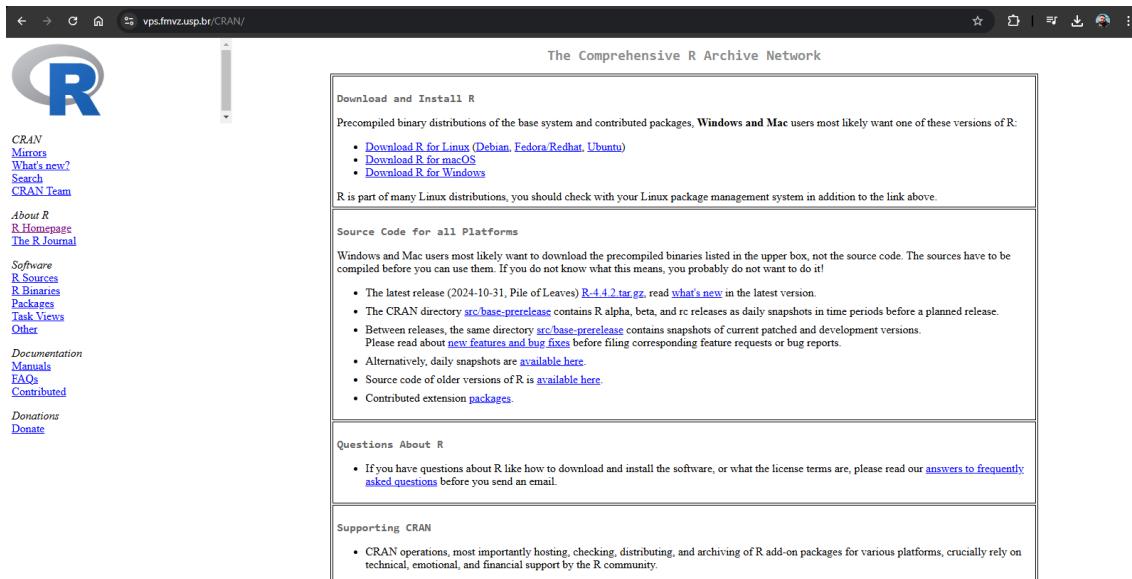


The screenshot shows the CRAN Mirrors page at <https://cran.r-project.org/mirrors.html>. It lists various CRAN mirrors categorized by continent. For example, in North America, there are mirrors for Argentina, Australia, Austria, Belgium, Brazil, Bulgaria, Canada, Chile, and China. Each entry includes the URL and a brief description of the mirror's origin or sponsor.

- Escolha o repositório da USP, acessando:

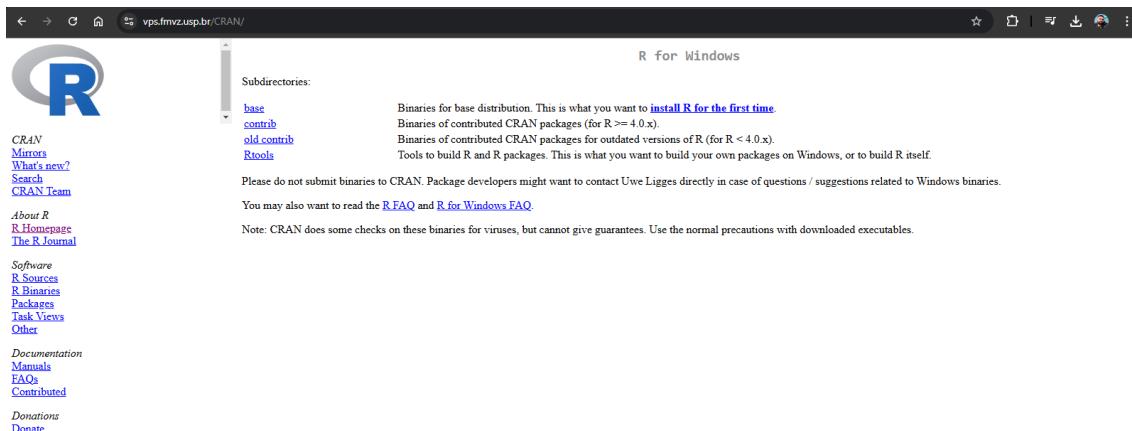
 <https://vps.fmvz.usp.br/CRAN/>

4. Na página que abrir, clique em **Download R for Windows**.

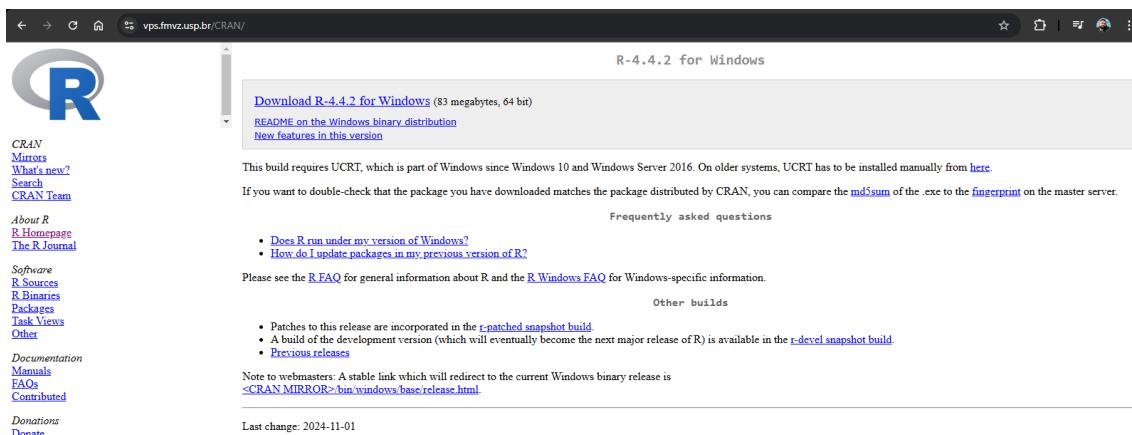


The screenshot shows the CRAN homepage with the main navigation menu on the left. The central content area is titled "Download and Install R". It provides instructions for Windows and Mac users, listing three download options: "Download R for Linux (Debian, Fedora/Redhat, Ubuntu)", "Download R for macOS", and "Download R for Windows". Below this, it notes that R is part of many Linux distributions and suggests checking the package management system. A "Source Code for All Platforms" section follows, detailing how to obtain source code and daily snapshots. Further sections include "Questions About R" and "Supporting CRAN".

5. Em seguida, clique em **base** e depois em **Download R-4.4.2 for Windows** (onde x.x.x é a versão mais recente do R).



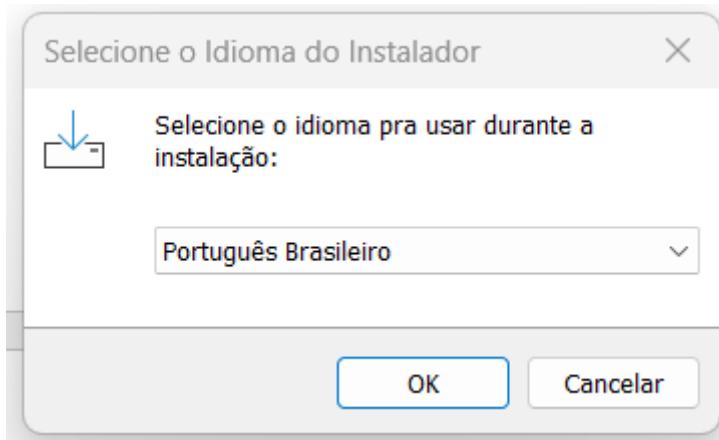
This screenshot shows the "R for Windows" page. On the left, there's a sidebar with links to various CRAN sections. The main content area is titled "Subdirectories:" and lists four categories: "base", "contrib", "old contrib", and "Tools". Each category has a brief description. Below this, there's a note about not submitting binaries to CRAN and links to the RFAQ and R Windows FAQ. A note also mentions virus checks.



This screenshot shows the "R-4.4.2 for Windows" page. It features a large download button for "Download R-4.4.2 for Windows (83 megabytes, 64 bit)". Below the button, there are links to "README on the Windows binary distribution" and "New features in this version". The page also includes a "Frequently asked questions" section with links to "Does R run under my version of Windows?", "How do I update packages in my previous version of R?", and "Please see the R FAQ for general information about R and the R Windows FAQ for Windows-specific information". At the bottom, there's a "Last change: 2024-11-01" note.

Passo 2: Instalar o R

1. Após o download, execute o arquivo .exe.
2. Escolha o idioma de instalação (Português é uma opção).



3. Clique em **Avançar** nas telas de introdução.
 4. Escolha o diretório de instalação (recomenda-se manter o padrão).
 5. Deixe as opções de componentes padrão e clique em **Avançar**.
 6. Escolha a pasta do menu iniciar e clique em **Avançar**.
 7. Deixe as configurações padrão marcadas e clique em **Avançar** até finalizar a instalação.
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2. Instalando o RStudio

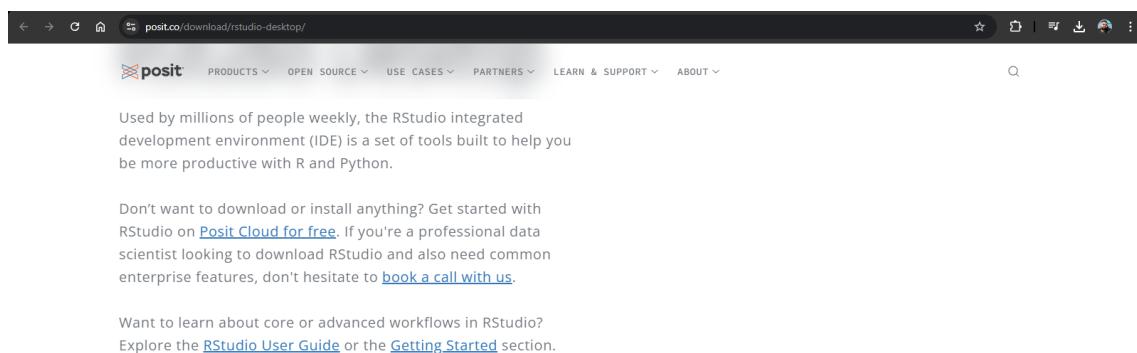
O RStudio é um ambiente de desenvolvimento integrado (IDE) para R, facilitando a escrita de códigos e a visualização de resultados.

Passo 1: Baixar o RStudio

1. Acesse o site oficial do RStudio:

 <https://posit.co/download/rstudio-desktop/>

2. Role a página até encontrar a opção **RStudio Desktop - Free**.



The screenshot shows the official RStudio download page at posit.co/download/rstudio-desktop/. The main heading is "Used by millions of people weekly, the RStudio integrated development environment (IDE) is a set of tools built to help you be more productive with R and Python." Below this, there's a section for non-downloading users with a link to Posit Cloud. Further down, there's information about learning workflows with links to the User Guide and Getting Started. A prominent blue button labeled "DOWNLOAD RSTUDIO DESKTOP FOR WINDOWS" is visible on the right side of the page.

1: Install R

RStudio requires R 3.6.0+. Choose a version of R that matches your computer's operating system.

2: Install RStudio

[DOWNLOAD RSTUDIO DESKTOP FOR WINDOWS](#)

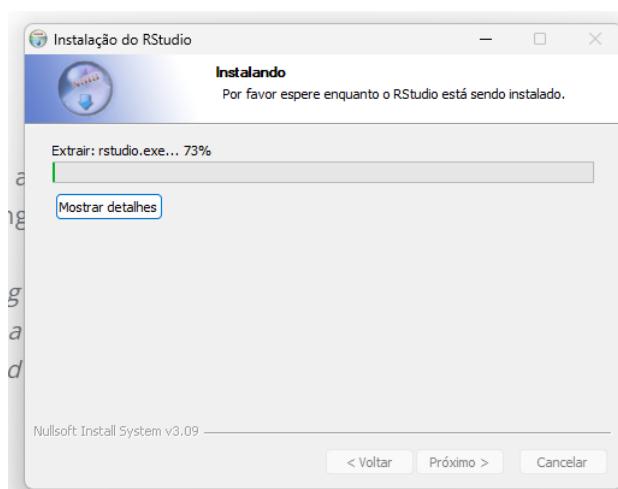
3. Clique em **Download**.

4. Escolha a versão para **Windows** e baixe o instalador .exe.

Passo 2: Instalar o RStudio

1. Execute o arquivo baixado (.exe).

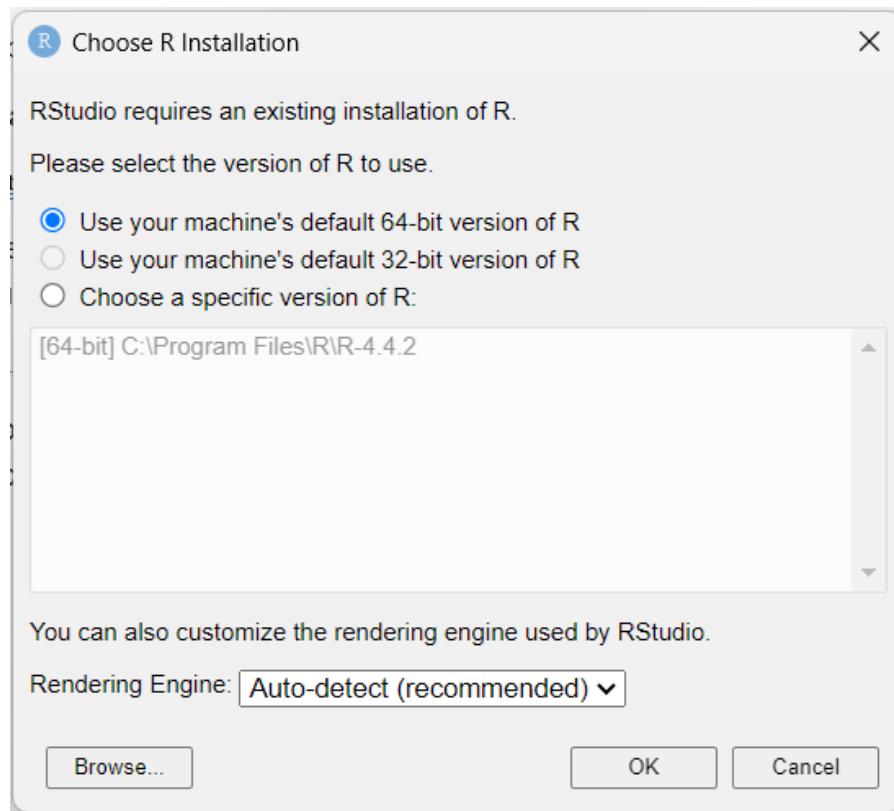
2. Clique em **Avançar** até a tela de escolha do diretório de instalação.



3. Escolha um local para instalar (recomenda-se manter o padrão).
 4. Clique em **Instalar** e aguarde o processo.
 5. Após a instalação, clique em **Concluir**.
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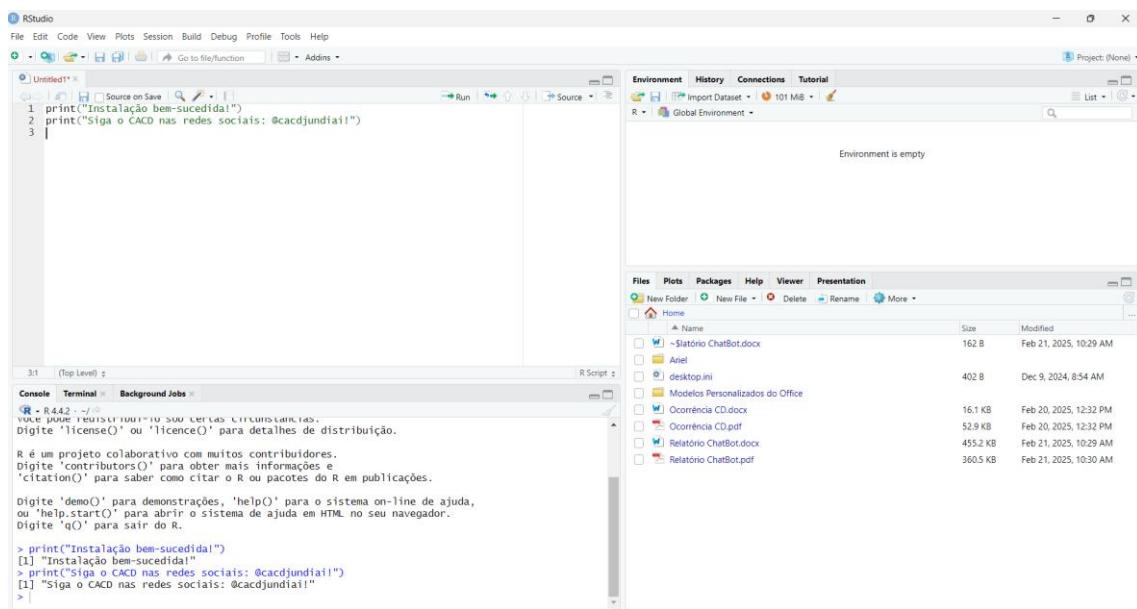
3. Testando a Instalação

1. Abra o **RStudio**.



2. Na aba **Console**, digite o seguinte comando e pressione **Enter**:

```
print("Instalação bem-sucedida!")
```
3. Se aparecer "Instalação bem-sucedida!", significa que tudo está funcionando corretamente.



Agora você pode começar a utilizar o R e o RStudio para análise de dados, estatísticas e visualizações!