

Data Science Academy

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R – Fundamentos para Análise de Dados

Instalando R e R Studio no Windows

1. A instalação do R e R Studio foi feita no Windows 8.1 Pro. Mas a instalação pode ser feita em versões anteriores ou mais recentes do Windows.

View basic information about your computer

Windows edition

Windows 8.1 Pro

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[Get more features with a new edition of Windows](#)

System

Processor: Intel(R) Core(TM) i7-4850HQ CPU @ 2.30GHz 2.29 GHz

Installed memory (RAM): 8.00 GB

System type: 64-bit Operating System, x64-based processor

Pen and Touch: No Pen or Touch Input is available for this Display

2. Acesse o site <https://cran.r-project.org> para fazer o download da versão mais recente do R para Windows. Clique no link “**Download R for Windows**”.

The screenshot shows a Microsoft Edge browser window with the URL <https://cran.r-project.org> in the address bar. The page title is "The Comprehensive R Archive Network". On the left, there's a sidebar with links like 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, and Contributed. The main content area has a section titled "Download and Install R" which says "Precompiled binary distributions of the base system and contributed packages, Windows and Mac users most likely want one of these versions of R:" followed by a list of three links: Download R for Linux, Download R for (Mac) OS X, and Download R for Windows. Below this, another section titled "Source Code for all Platforms" explains that Windows and Mac users should download precompiled binaries, while Linux users should check their package management system. It then lists several bullet points about source code availability and usage. At the bottom, there's a "Questions About R" section.

3. Clique no link “**base**” para fazer o download.

The Comprehensive R Archive Network

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

R for Windows

Subdirectories:

- [base](#) Binaries for base distribution (managed by Duncan Murdoch). This is what you want to [install R for the first time](#).
- [contrib](#) Binaries of contributed CRAN packages (for R >= 2.11.x; managed by Uwe Ligges). There is also information on [third party software](#) available for CRAN Windows services and corresponding environment and make variables.
- [old contrib](#) Binaries of contributed CRAN packages for outdated versions of R (for R < 2.11.x; managed by Uwe Ligges).
- [Rtools](#) Tools to build R and R packages (managed by Duncan Murdoch). 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 Duncan Murdoch or Uwe Ligges directly in case of questions / suggestions related to Windows binaries.

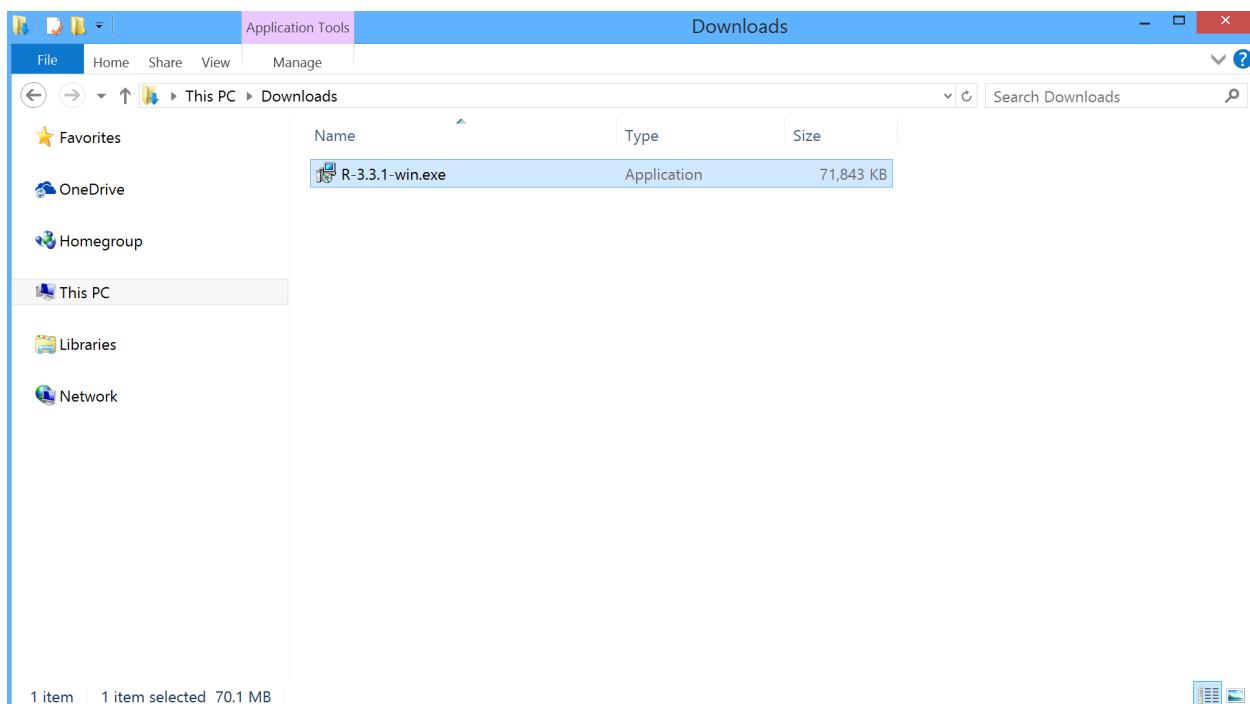
You may also want to read the [R FAQ](#) and [R for Windows FAQ](#).

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

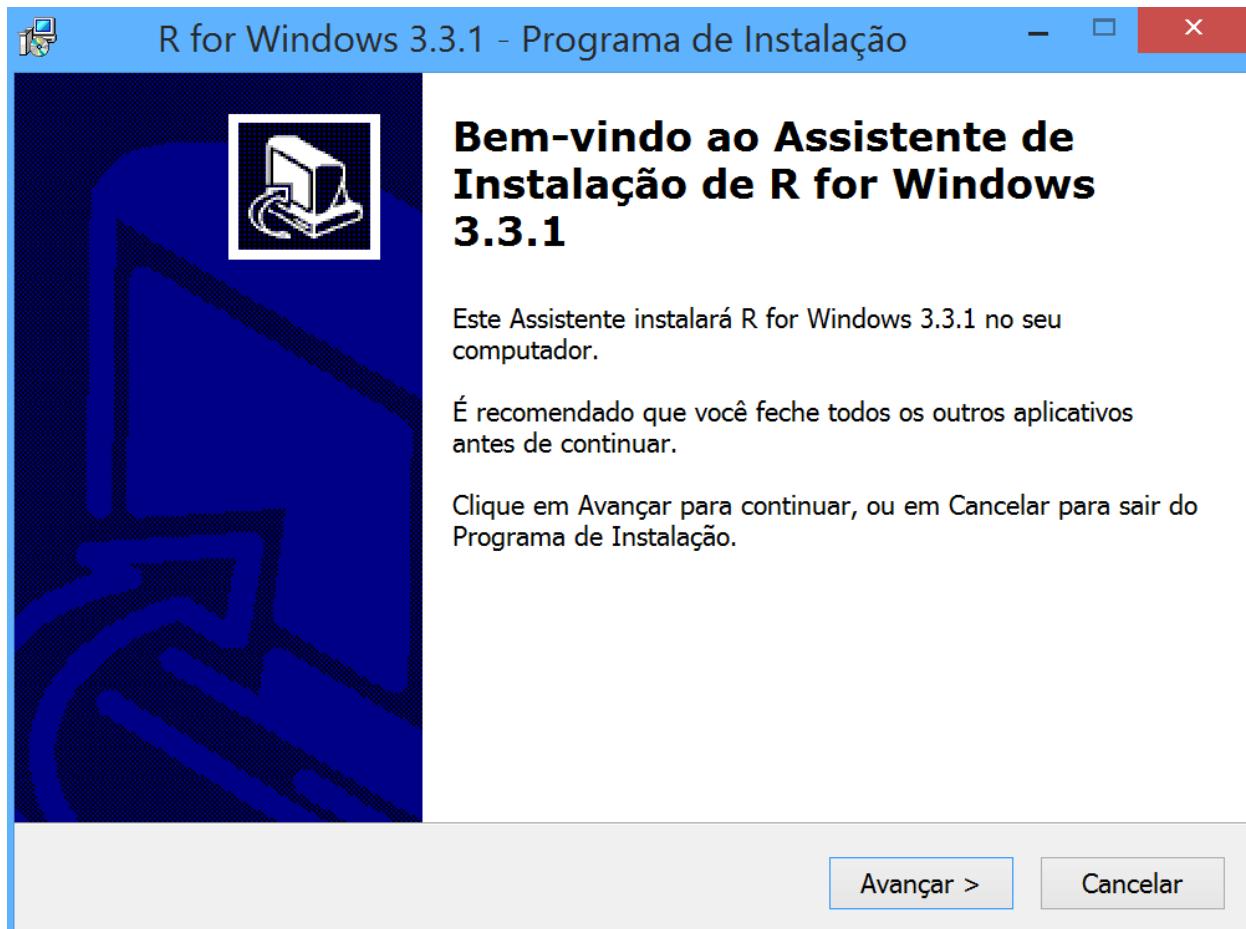
4. Clique em “Download R 3.3.1 for Windows”.

The screenshot shows a Microsoft Edge browser window with the URL <https://cran.r-project.org>. The page title is "R-3.3.1 for Windows (32/64 bit)". On the left, there's a large R logo and a sidebar with links like 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, and Contributed. The main content area has a heading "Download R 3.3.1 for Windows (70 megabytes, 32/64 bit)" with links for "Installation and other Instructions" and "New features in this version". Below this, a note explains how to verify the download using md5sum and provides links for graphical and command line versions. A "Frequently asked questions" section lists links for running under Windows, updating packages, and running 32-bit or 64-bit R. Another section for "Other builds" links to r-patched snapshot build, r-devel snapshot build, and previous releases. At the bottom, it says "Note to webmasters: A stable link which will redirect to the current Windows binary release is <CRAN MIRROR>/bin/windows/base/release.htm". The footer indicates the last change was on 2016-06-21 by Duncan Murdoch.

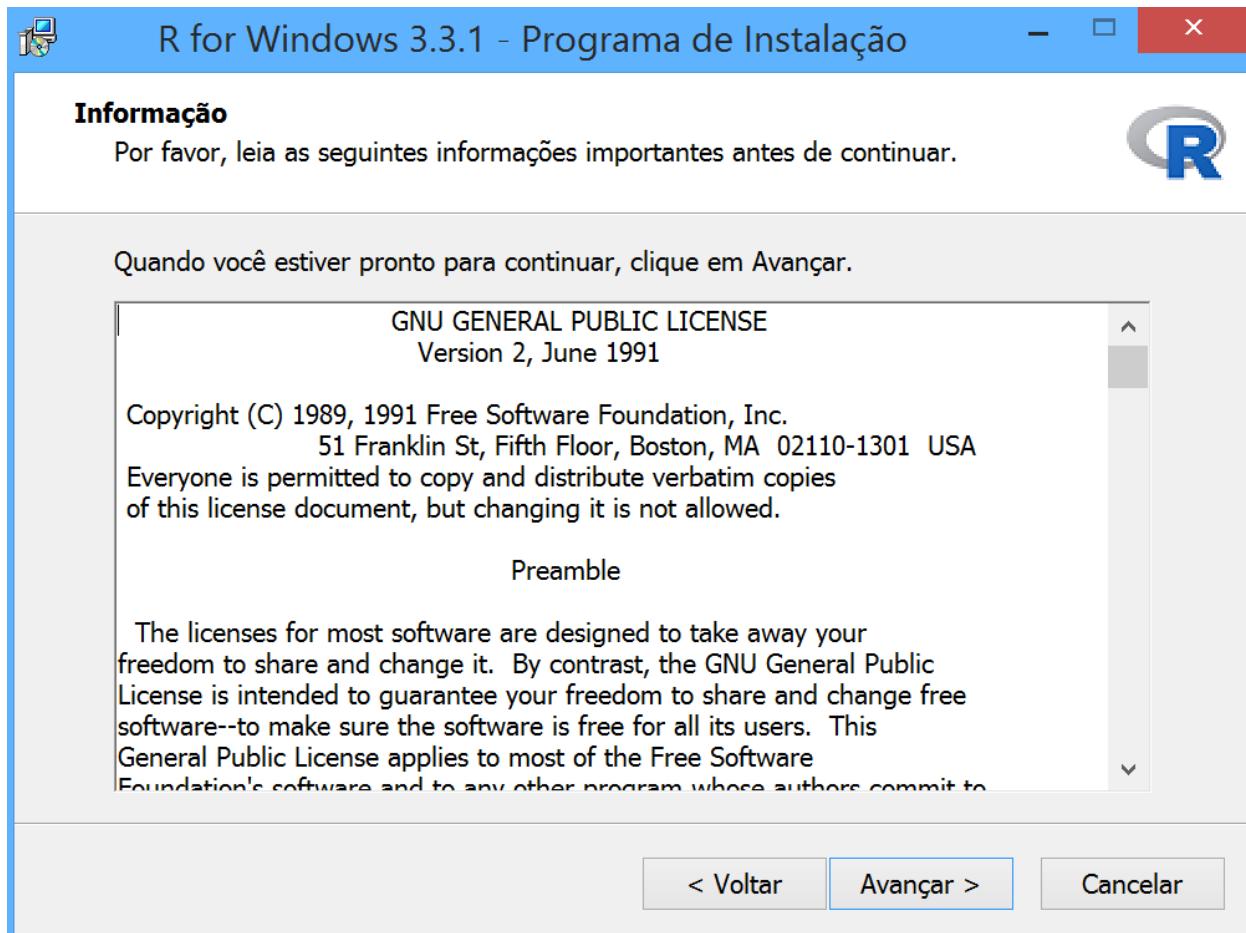
5. Será feito o download de um arquivo com extensão .exe.



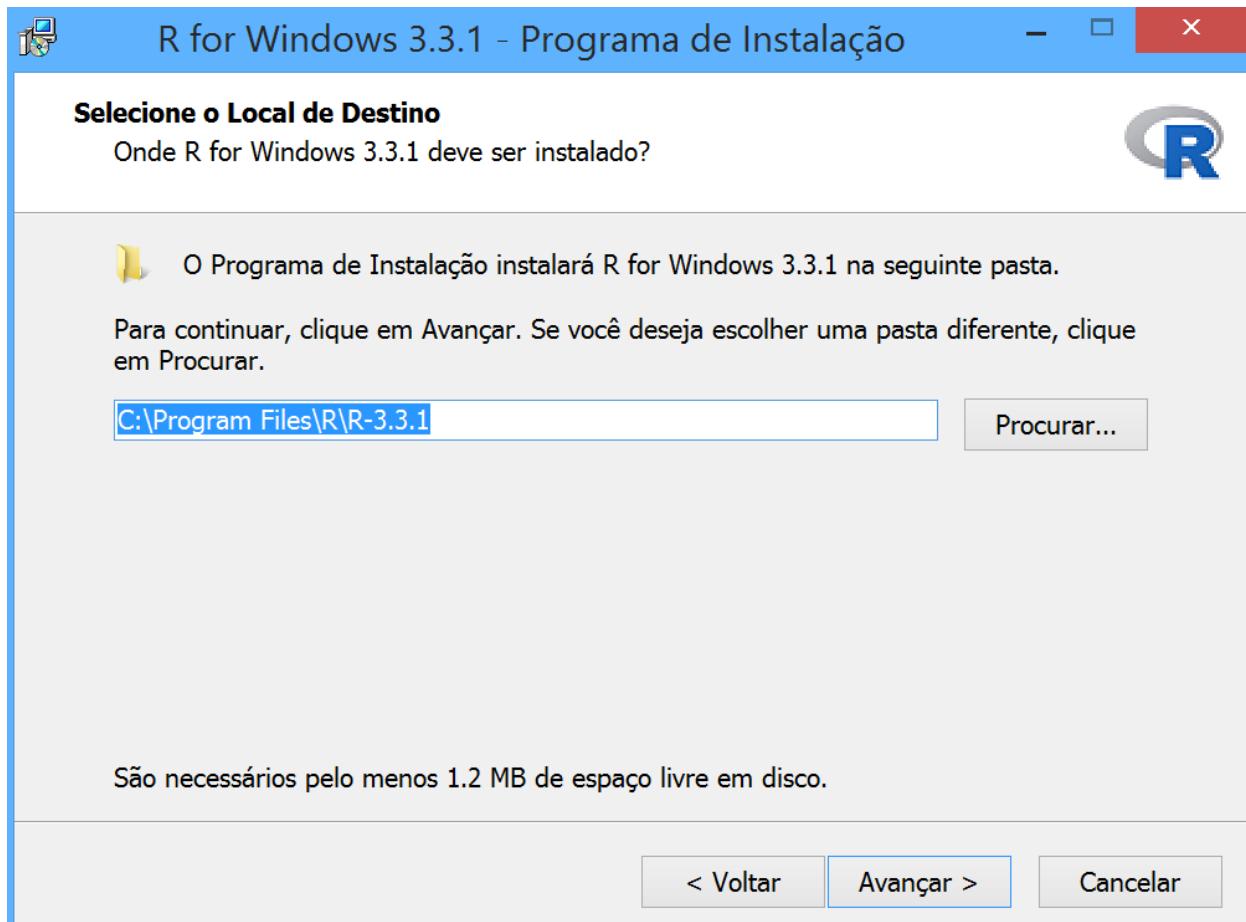
6. Execute o arquivo para iniciar a instalação e clique em Avançar.



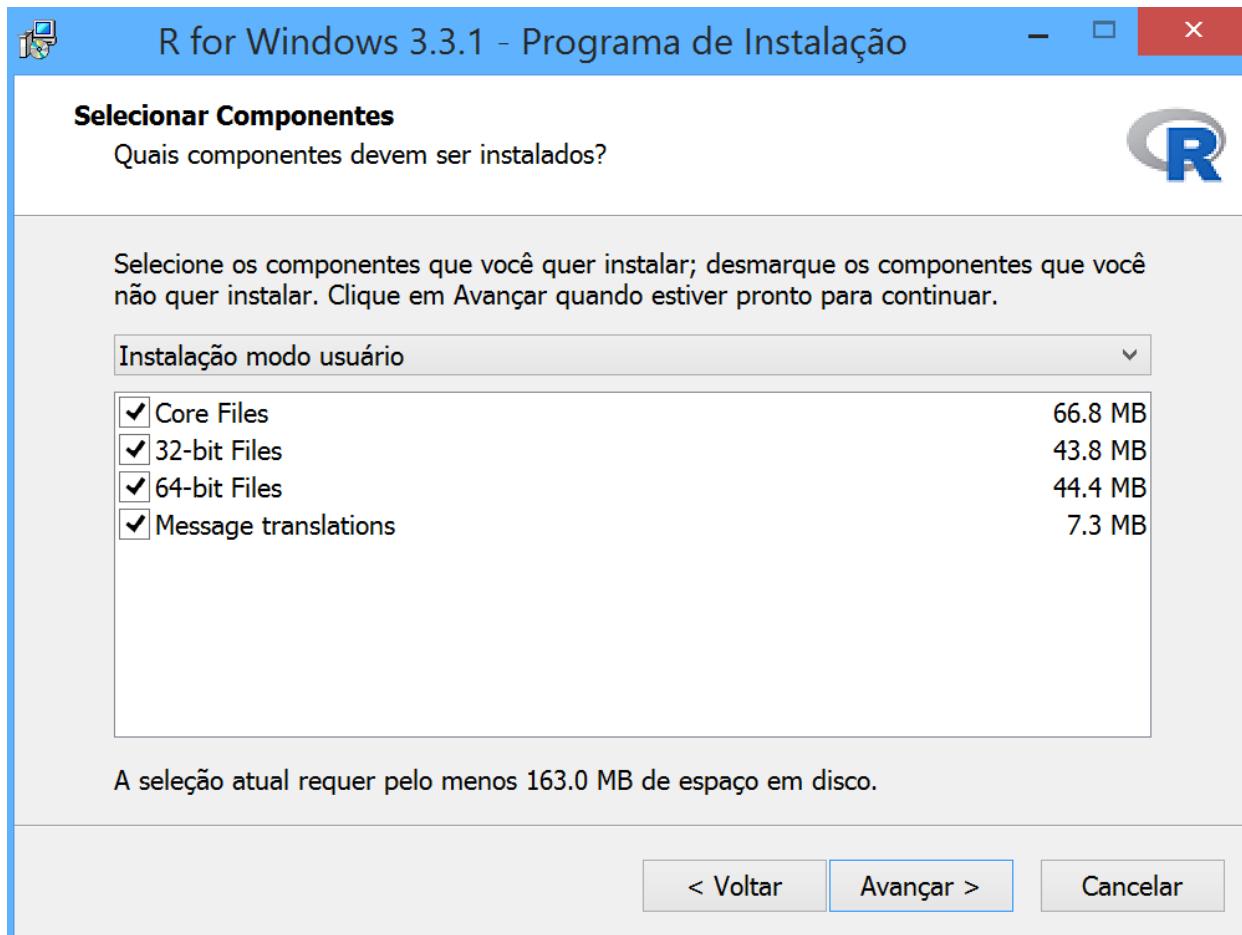
7. Clique no botão **Avançar**.



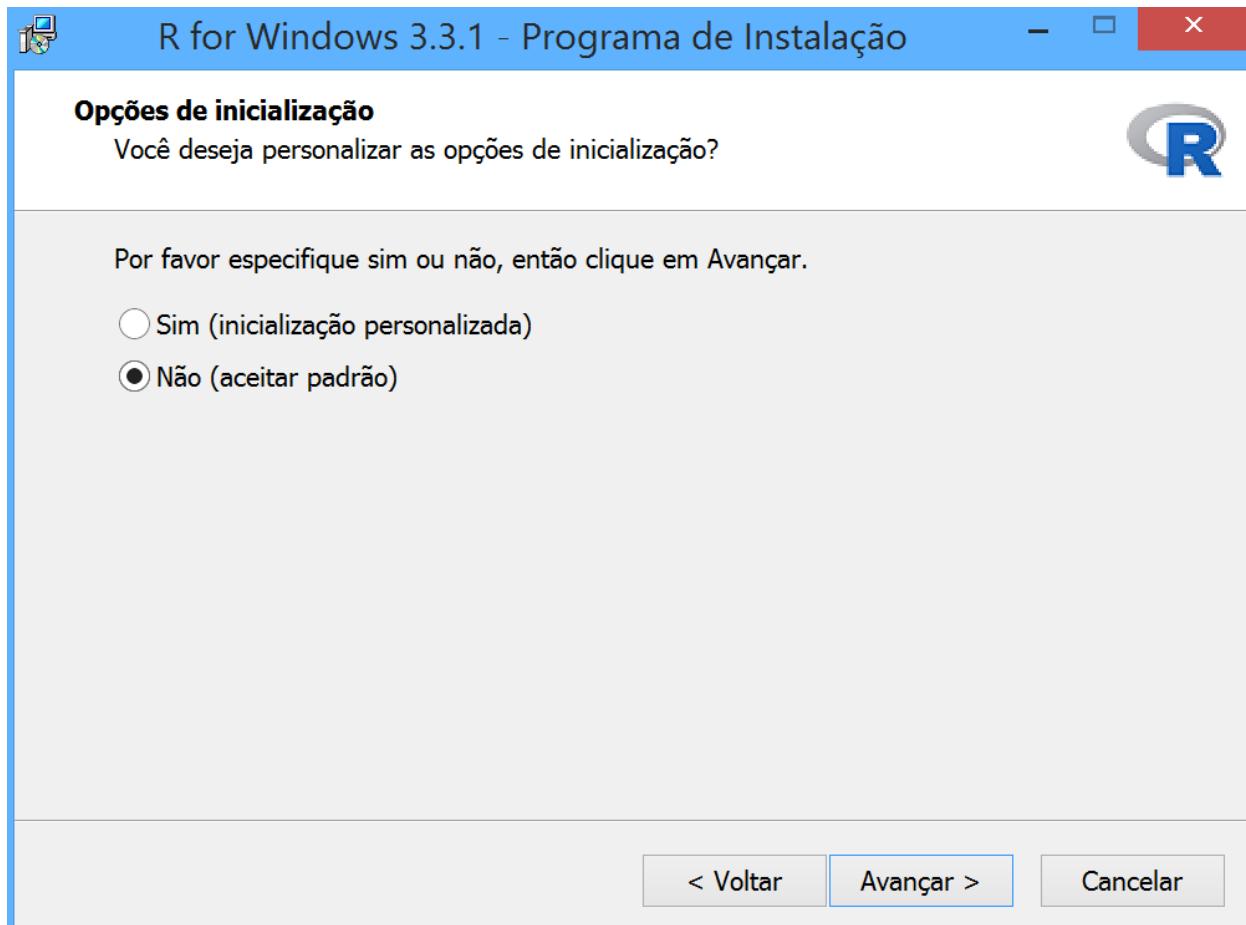
8. Selecione o diretório de instalação e clique no botão **Avançar**.



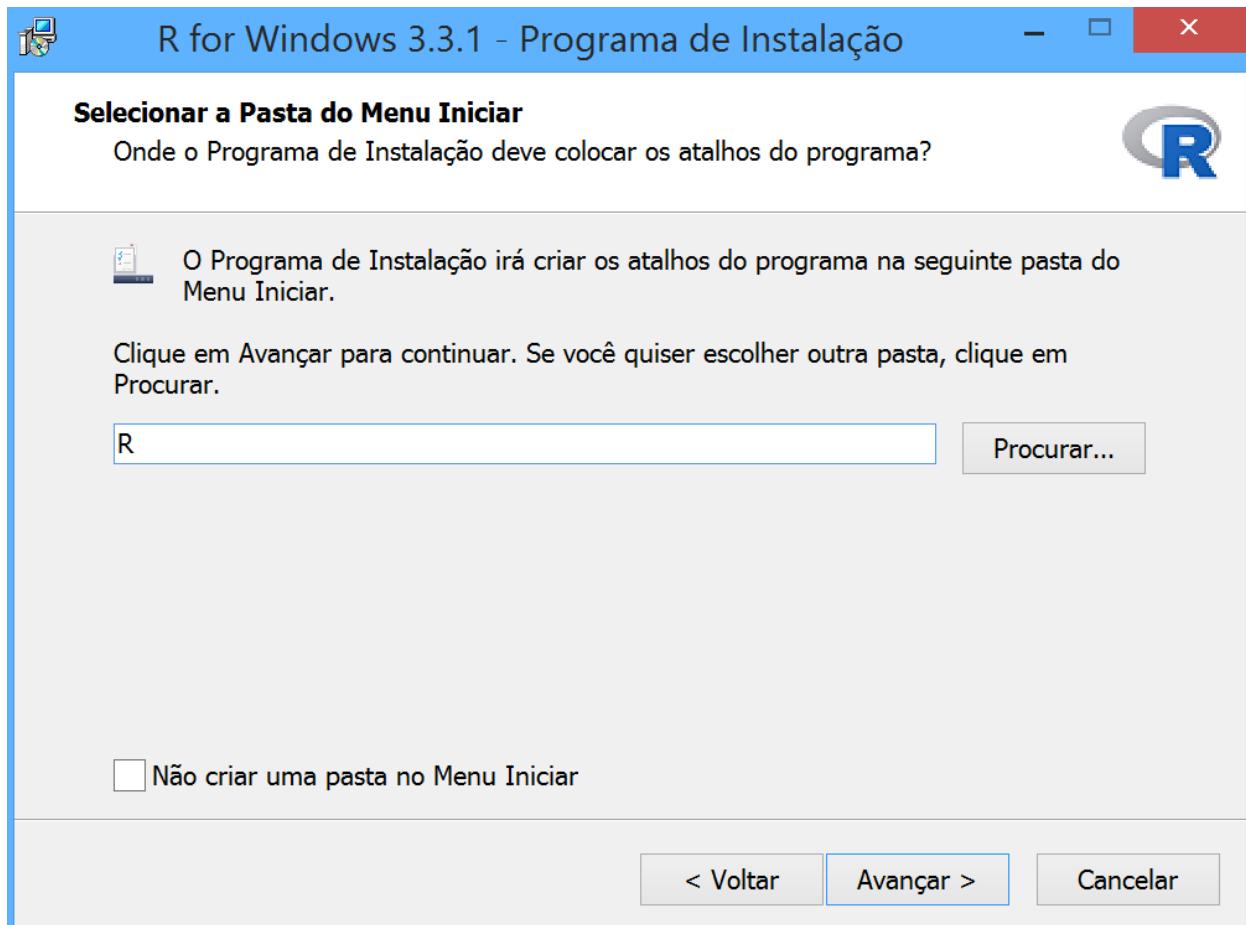
9. Deixe todos os componentes marcados e clique no botão **Avançar**.



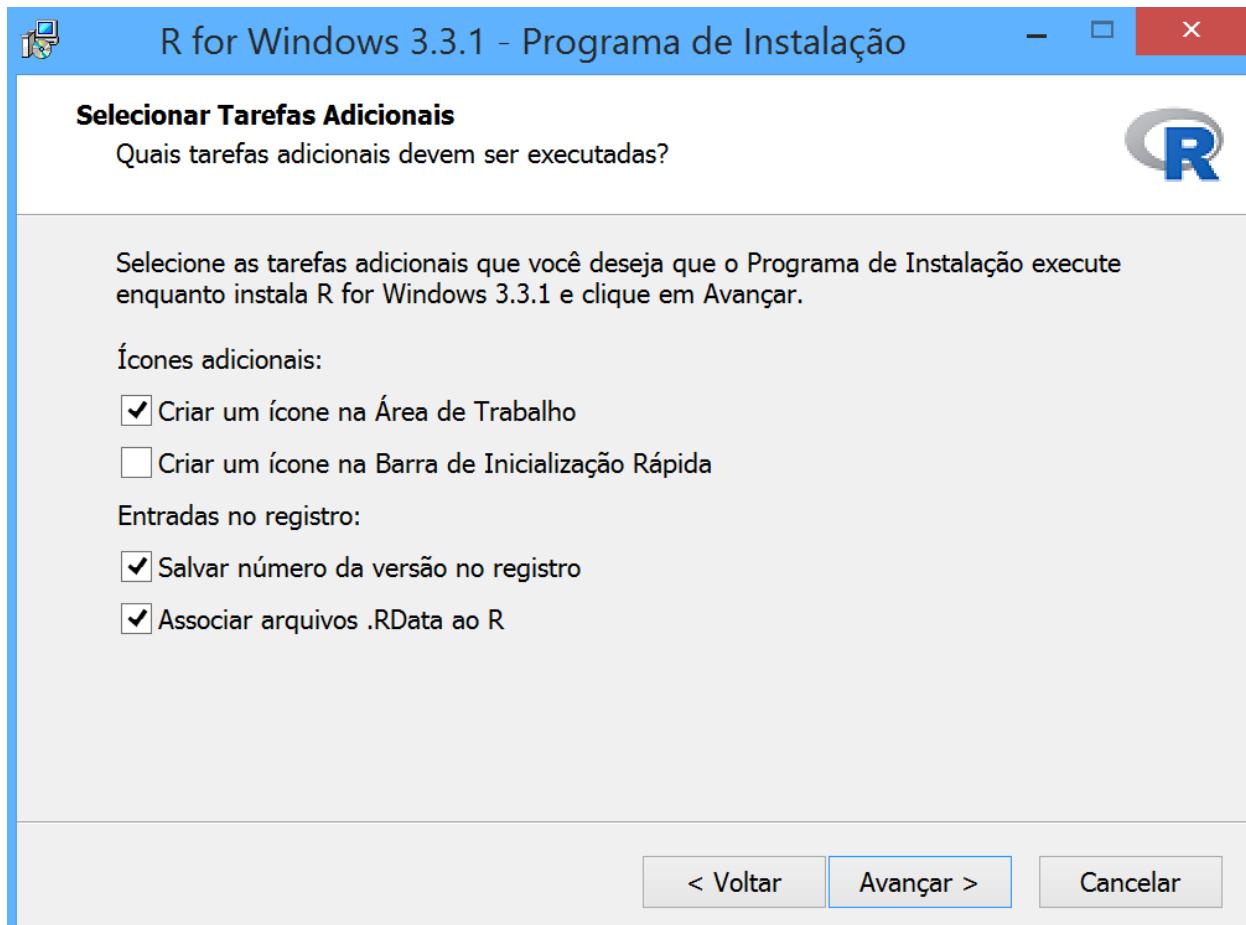
10. Deixe a opção padrão marcada e clique em **Avançar**.



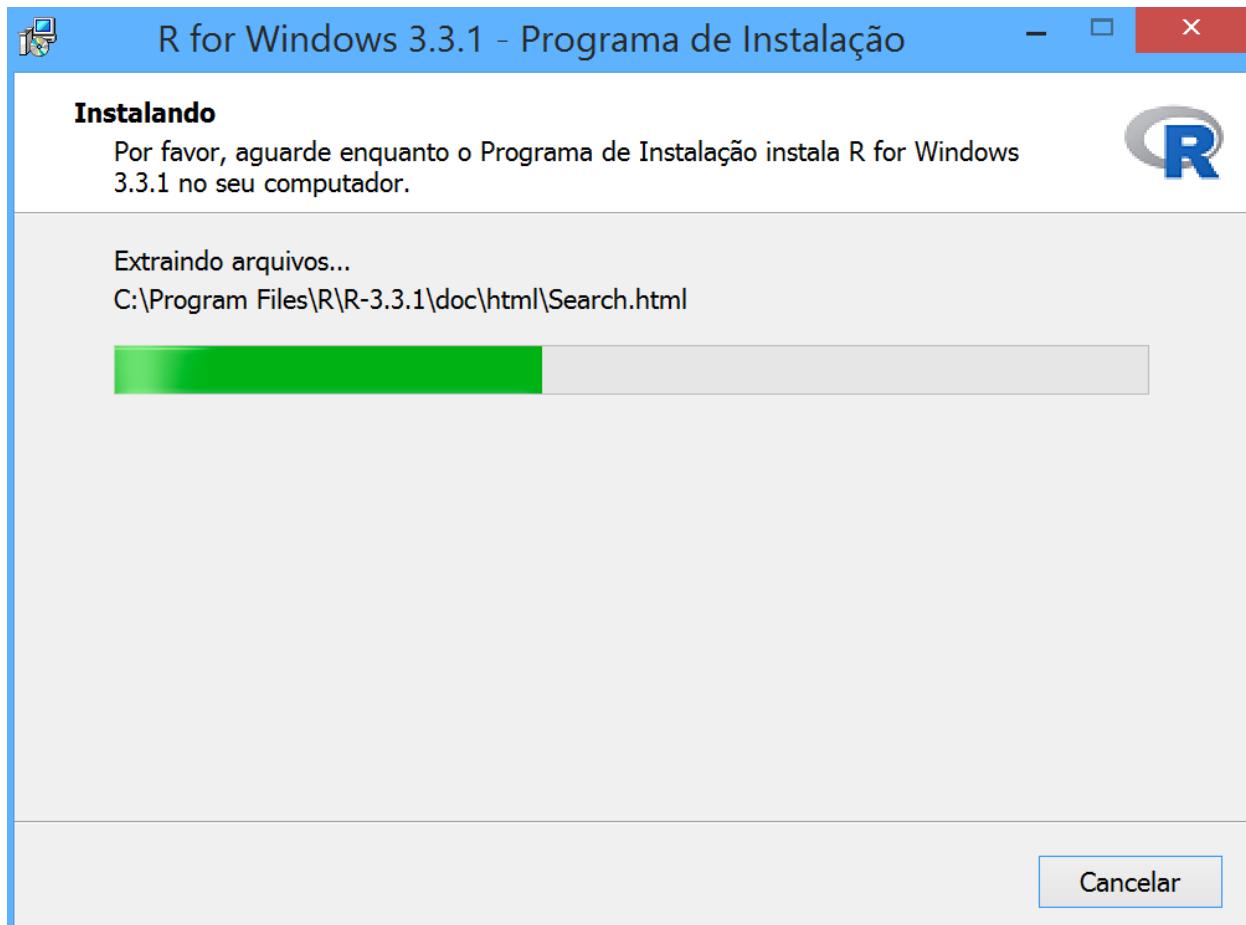
11. Mantenha o nome do atalho e clique em **Avançar**.



12. Mantenha as opções padrões e clique em **Avançar**.



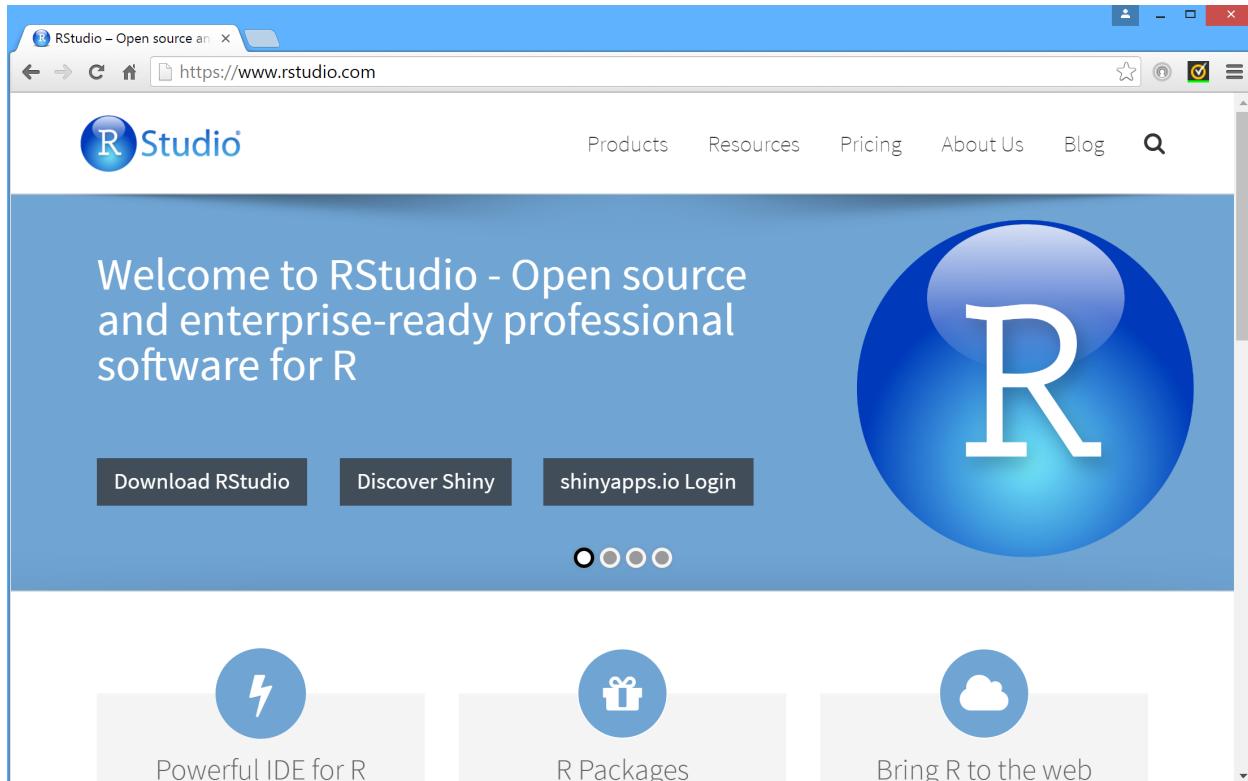
13. Instalação em andamento.



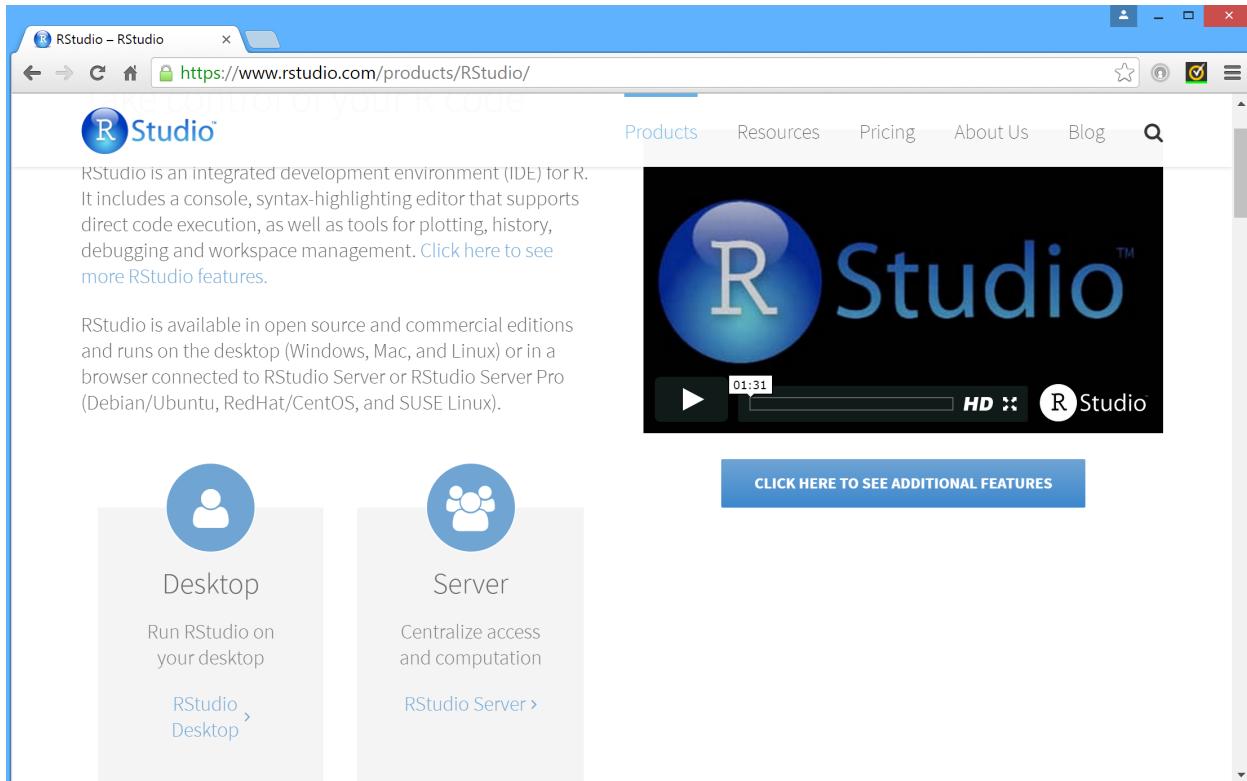
14. Instalação concluída com sucesso. Clique no botão **Concluir**.



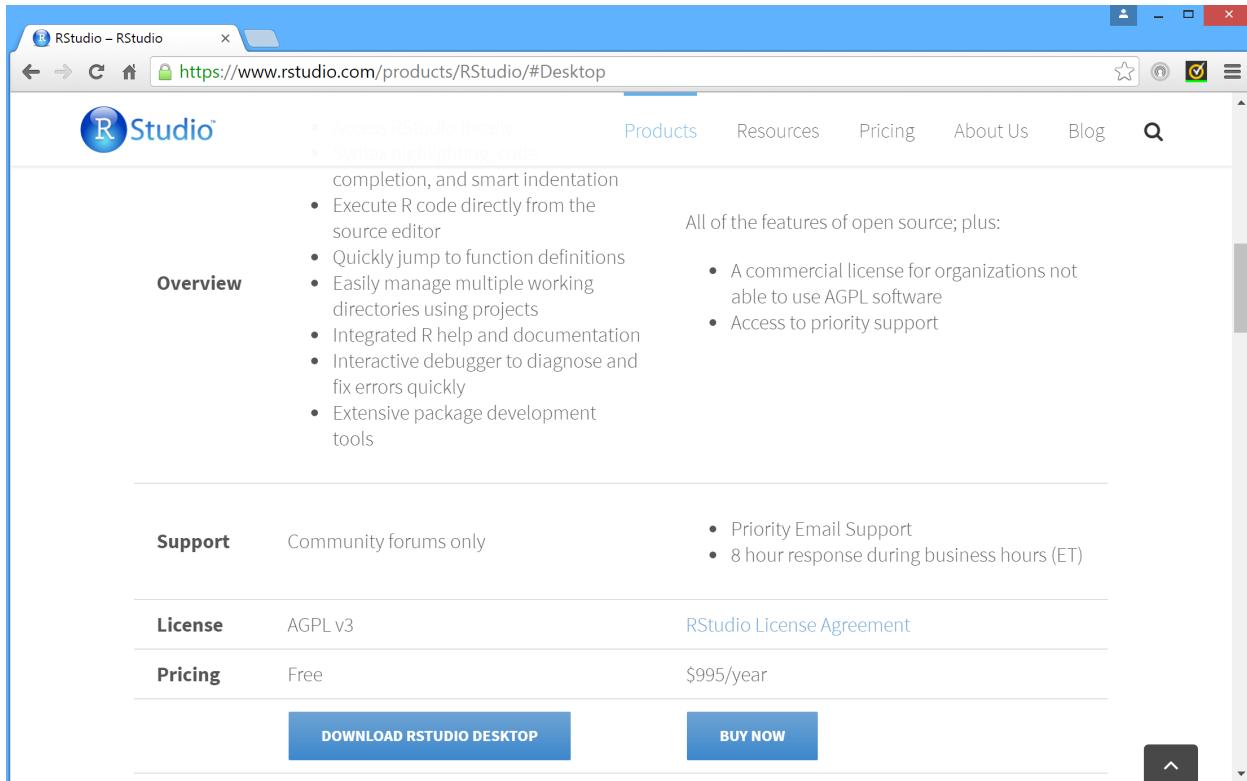
15. Acesse o endereço: <https://www.rstudio.com>. Clique no botão “Download RStudio” para fazer o download do RStudio.



16. Clique no link RStudio Desktop.



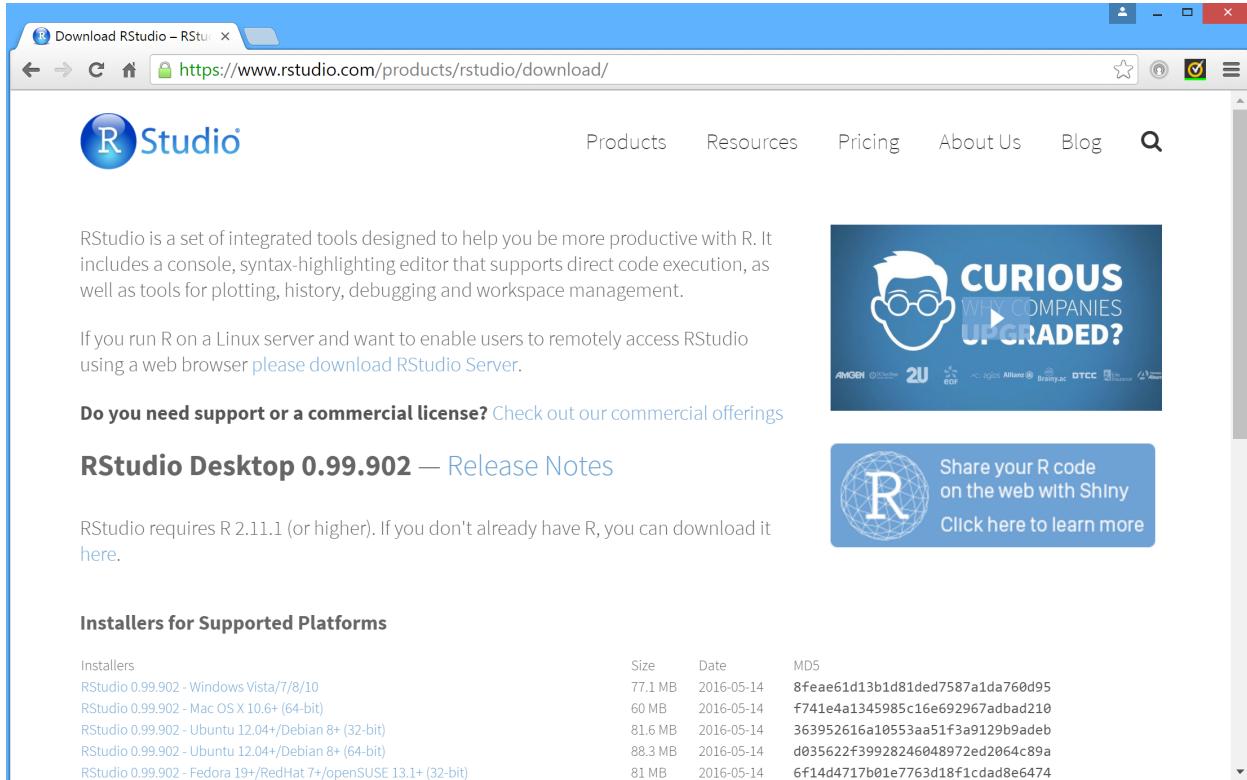
17. Clique no botão “Download RStudio Desktop” para fazer o download.



The screenshot shows a web browser window displaying the RStudio website at <https://www.rstudio.com/products/RStudio/#Desktop>. The page has a blue header with the RStudio logo and navigation links for Products, Resources, Pricing, About Us, and Blog. Below the header, there's a section titled 'Overview' with a bulleted list of features: completion, smart indentation, executing R code from the source editor, quickly jumping to function definitions, managing multiple working directories using projects, integrated R help and documentation, an interactive debugger, and extensive package development tools. To the right of this list, it says 'All of the features of open source; plus:' followed by a bulleted list: a commercial license for organizations not able to use AGPL software, and access to priority support. Further down, there's a 'Support' section mentioning community forums only, and a 'License' section mentioning AGPL v3 with a link to the RStudio License Agreement. The 'Pricing' section shows 'Free' and '\$995/year'. At the bottom, there are two prominent blue buttons: 'DOWNLOAD RSTUDIO DESKTOP' and 'BUY NOW'.

18. Selecione o primeiro link: RStudio 0.99.902 para Windows Vista/7/8/10.

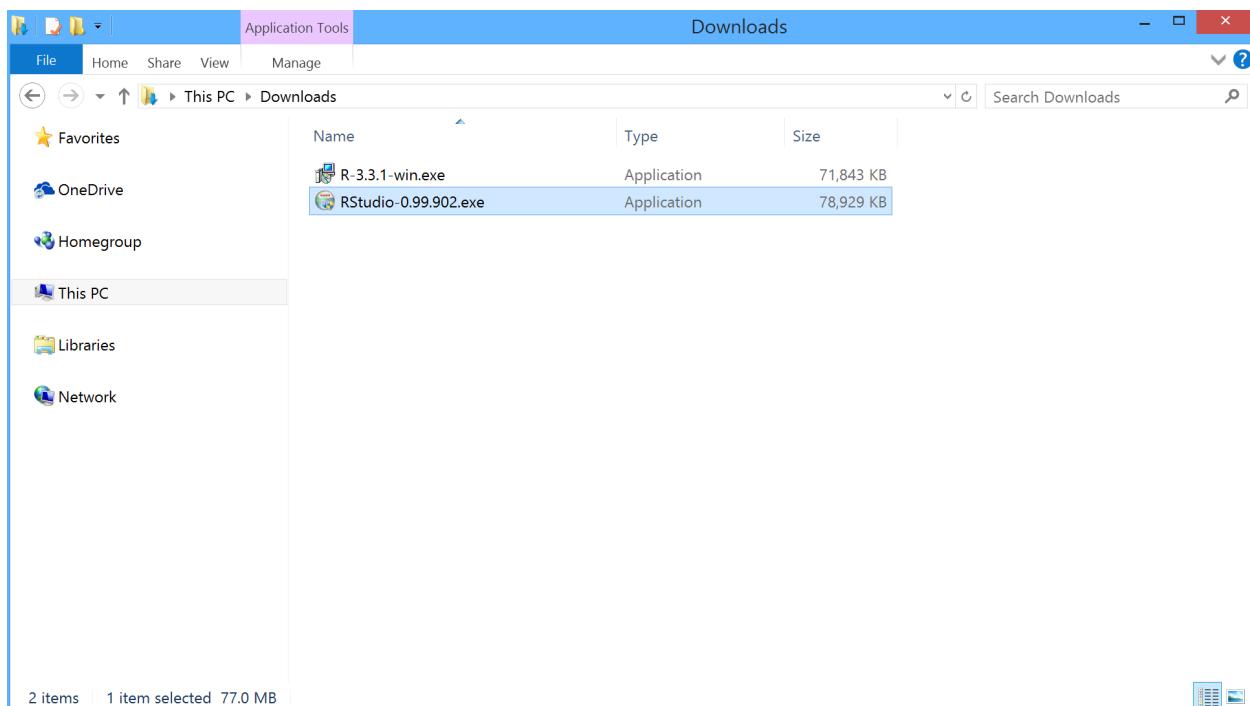
Obs: Para outras versões do Windows, utilize este link para download do RStudio:
<https://support.rstudio.com/hc/en-us/articles/206569407-Older-Versions-of-RStudio>



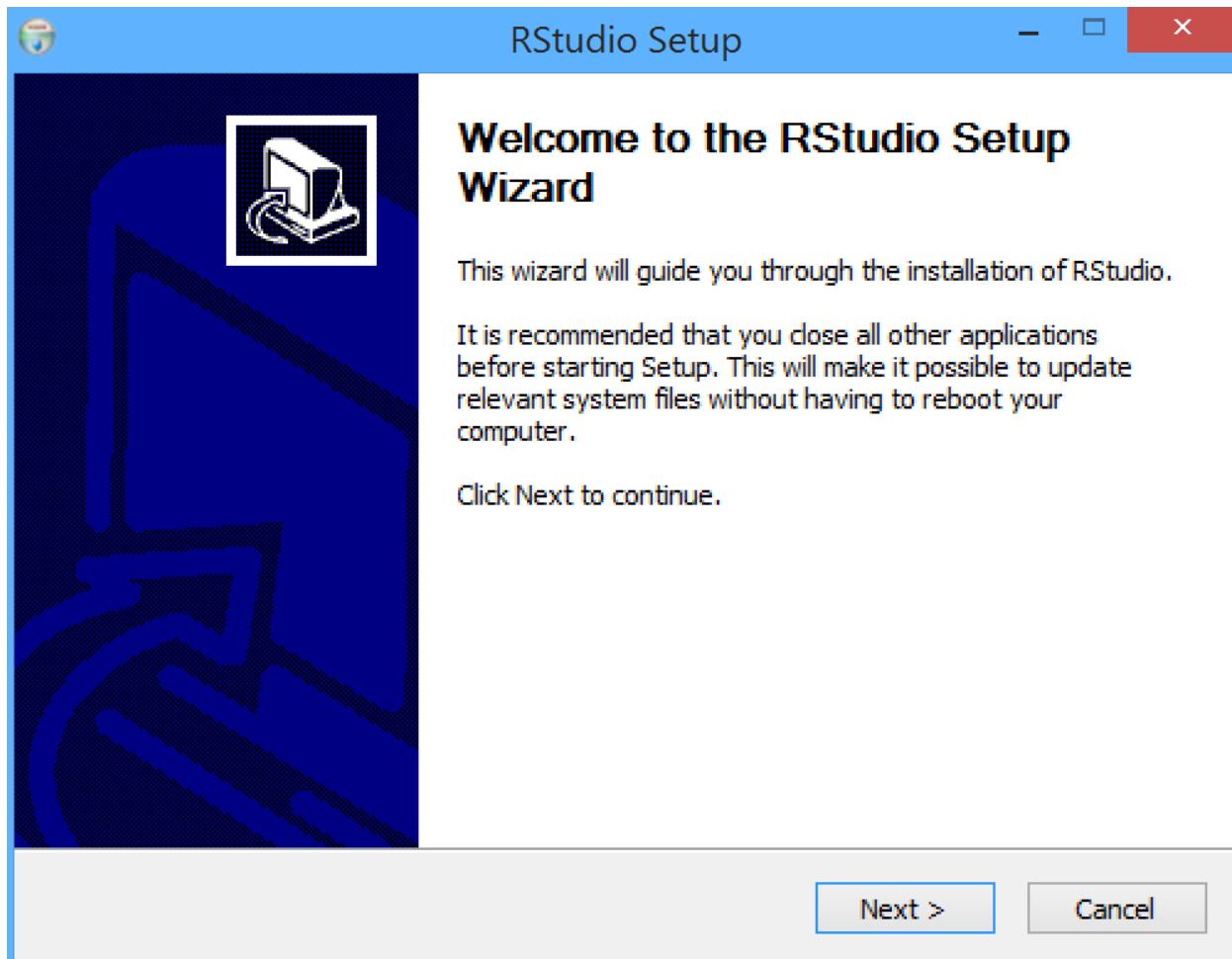
The screenshot shows the RStudio website at <https://www.rstudio.com/products/rstudio/download/>. The page features the RStudio logo and navigation links for Products, Resources, Pricing, About Us, and Blog. A banner on the right side promotes "CURIOUS WHY COMPANIES UPGRADED?" with logos for AMGEN, 2U, CDFI, Allianz, Brainly.ac, DTCC, and others. Below the banner, a callout box for Shiny encourages users to "Share your R code on the web with Shiny" and provides a link to learn more. The main content area displays a table of installers for supported platforms, including Windows Vista/7/8/10, Mac OS X, Ubuntu, Debian, Fedora, Red Hat, and openSUSE versions of RStudio 0.99.902. The table includes columns for Installers, Size, Date, and MD5 hash.

Installers	Size	Date	MD5
RStudio 0.99.902 - Windows Vista/7/8/10	77.1 MB	2016-05-14	8feae61d13bd181ded7587a1da760d95
RStudio 0.99.902 - Mac OS X 10.6+ (64-bit)	60 MB	2016-05-14	f741e4a1345985c16e692967adbad210
RStudio 0.99.902 - Ubuntu 12.04+/Debian 8+ (32-bit)	81.6 MB	2016-05-14	363952616a10553aa51f3a9129b9adeb
RStudio 0.99.902 - Ubuntu 12.04+/Debian 8+ (64-bit)	88.3 MB	2016-05-14	d035622f39928246048972ed2064c89a
RStudio 0.99.902 - Fedora 19+/Red Hat 7+/openSUSE 13.1+ (32-bit)	81 MB	2016-05-14	6f14d4717b01e7763d18f1cdad8e6474

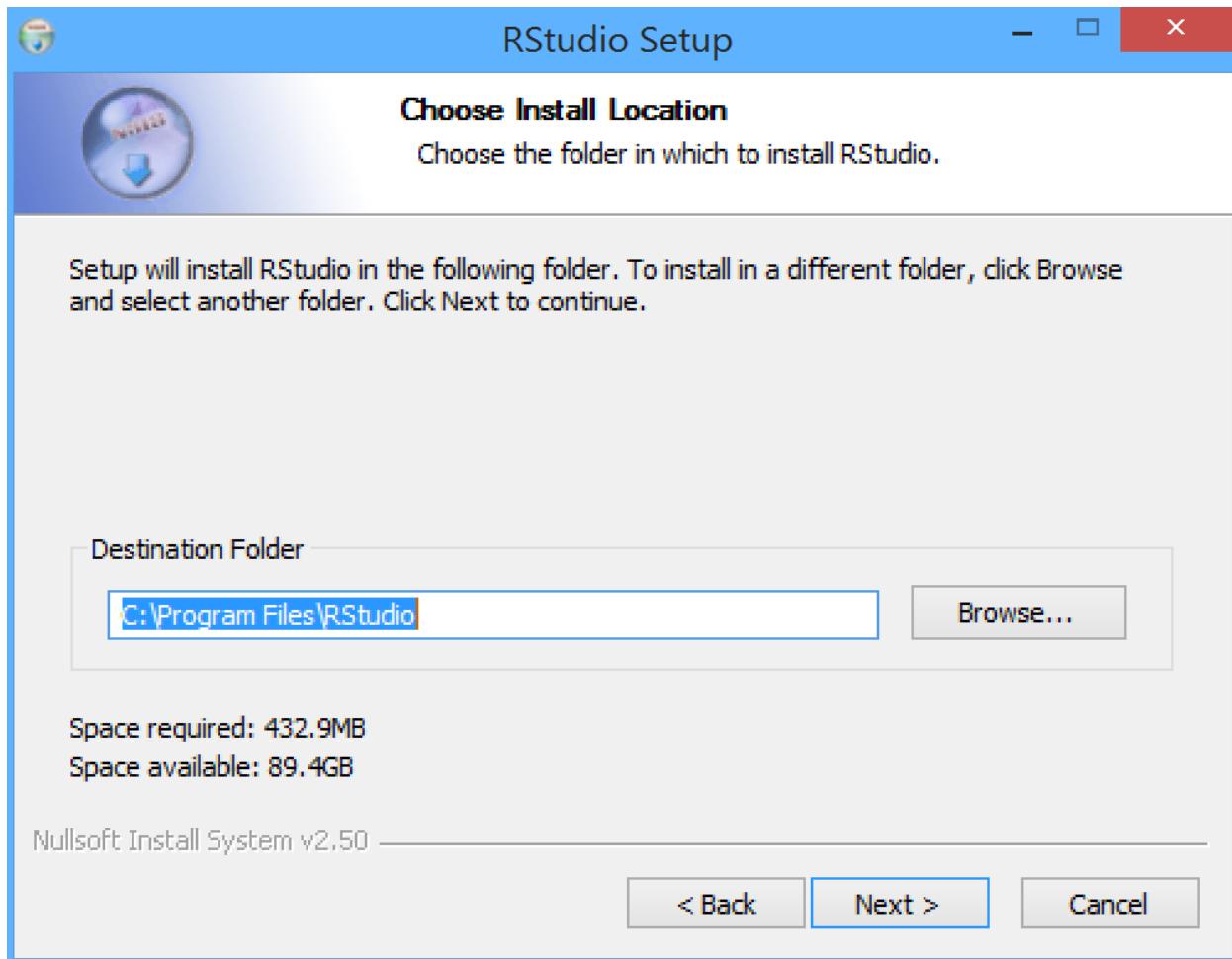
19. Será feito o download de um arquivo com extensão .exe. Duplo clique no arquivo do RStudio para iniciar a instalação.



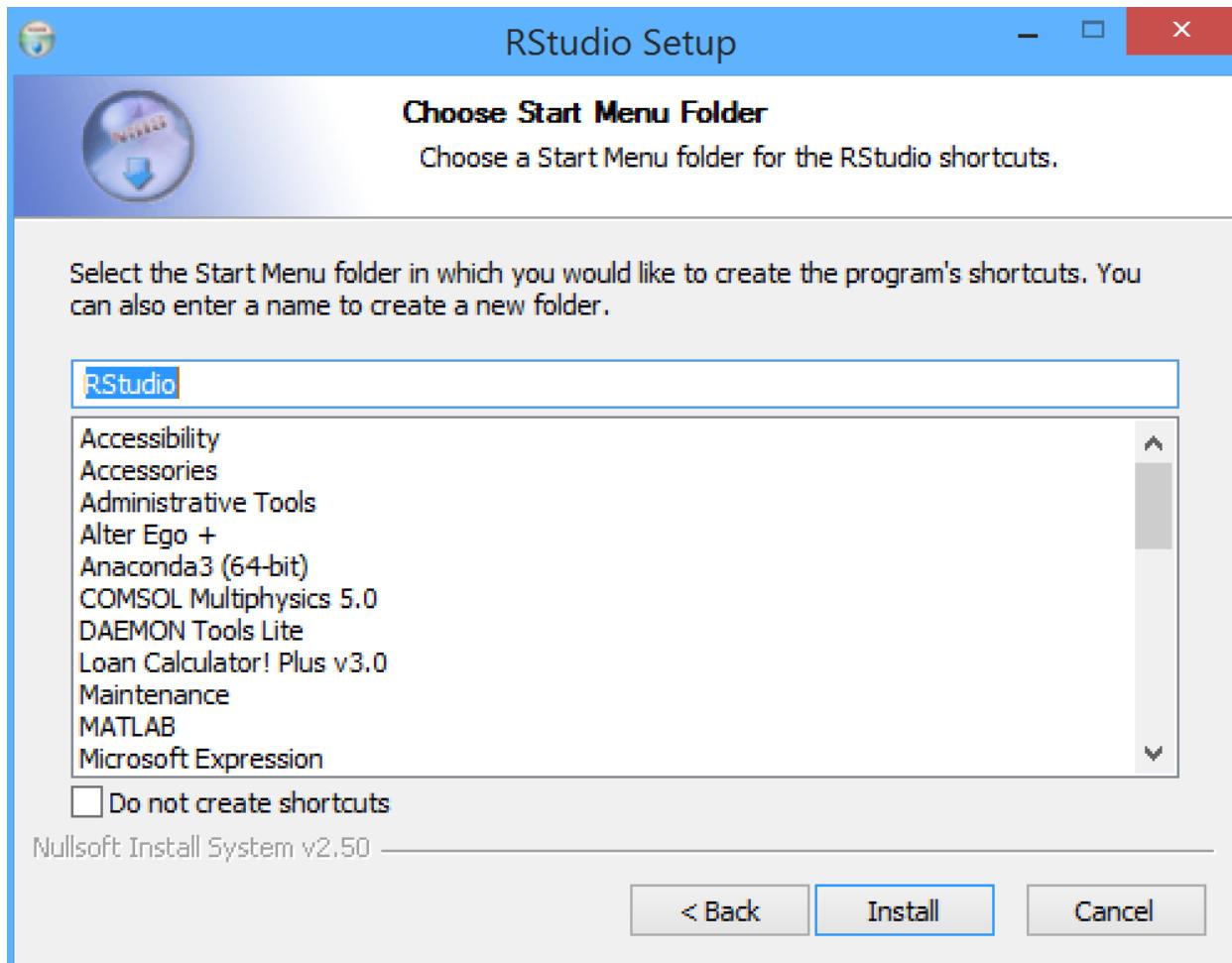
20. Clique no botão **Next** para prosseguir com a instalação.



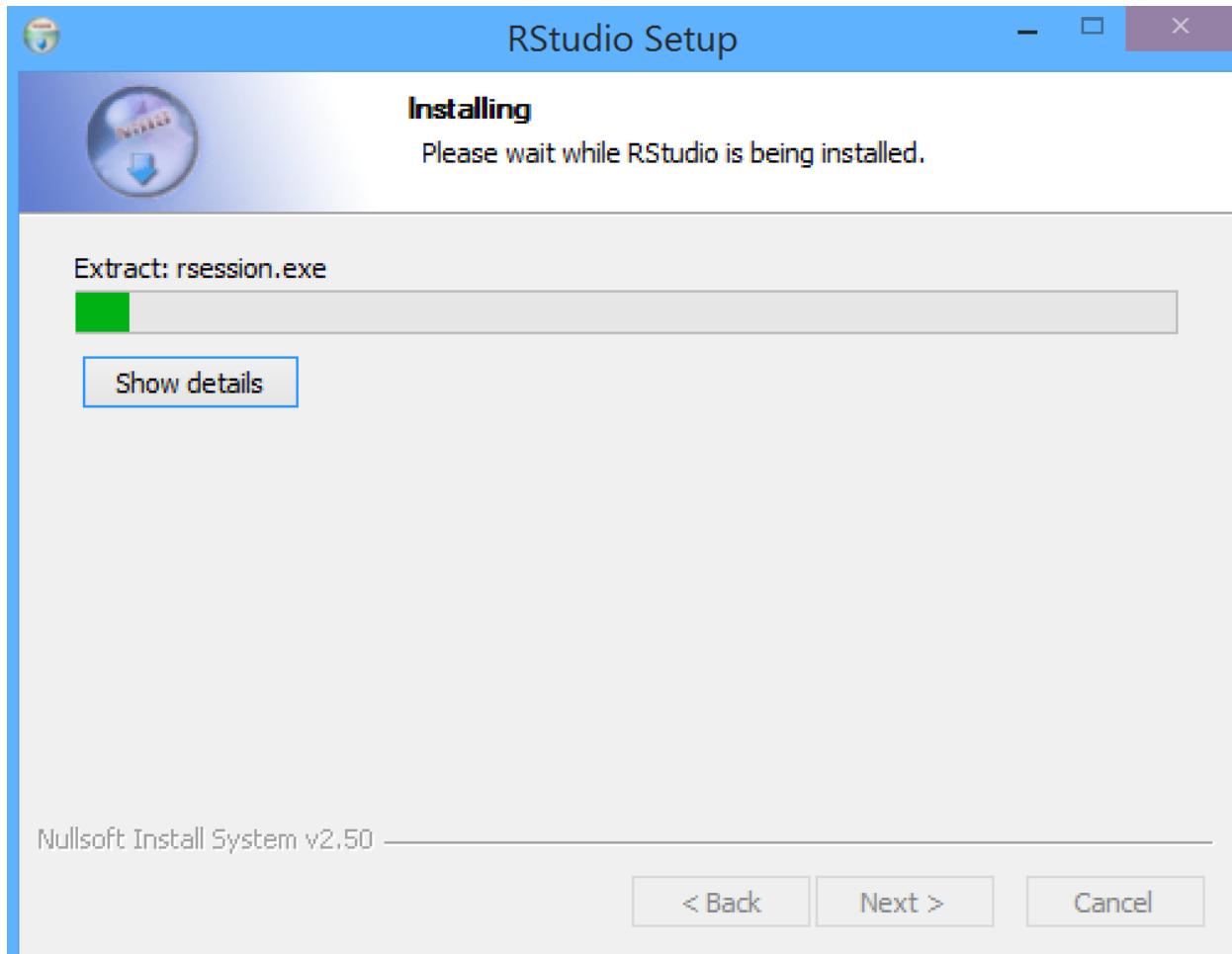
21. Defina o diretório de instalação e clique em **Next**.



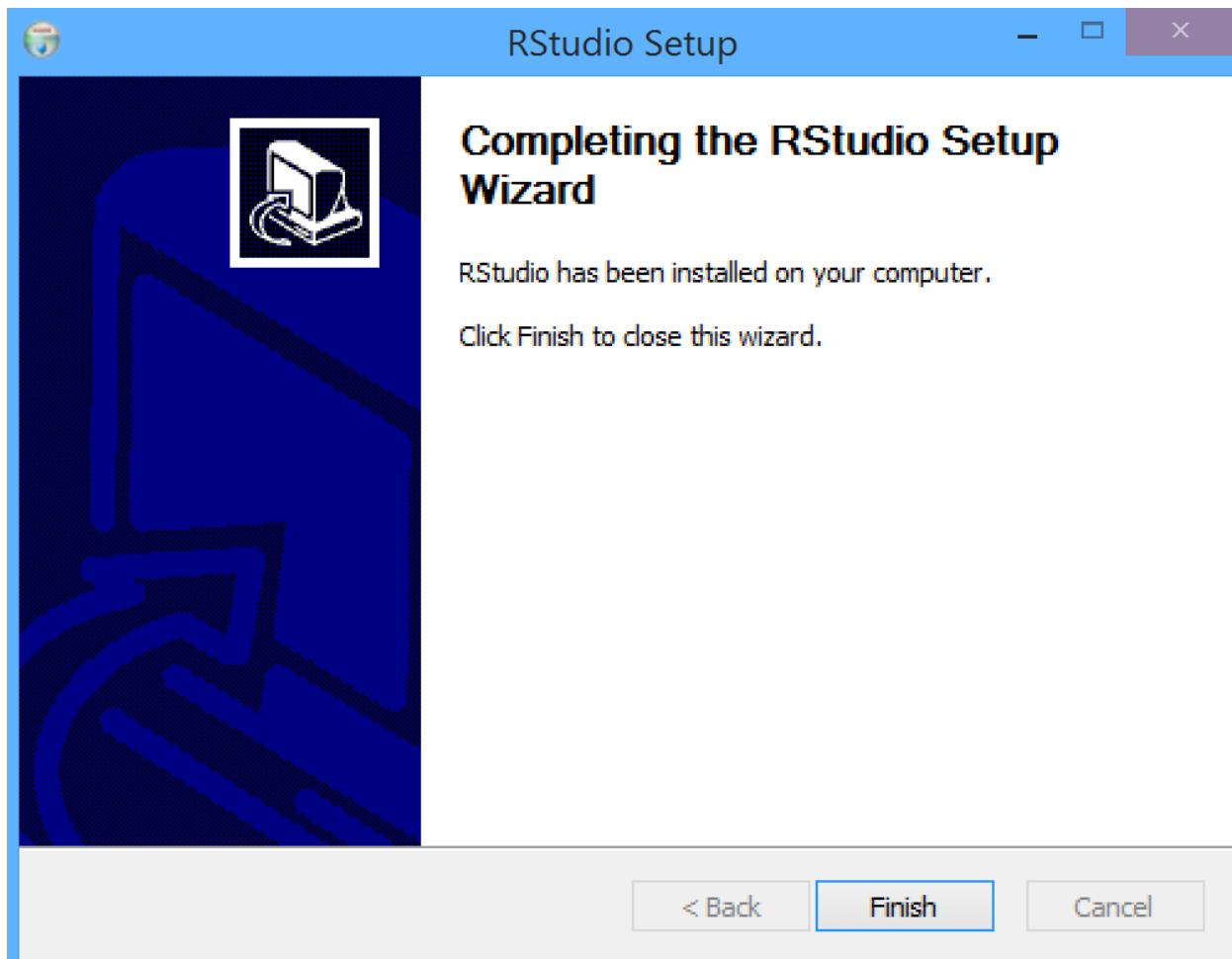
22. Deixe o padrão e clique em **Next**.



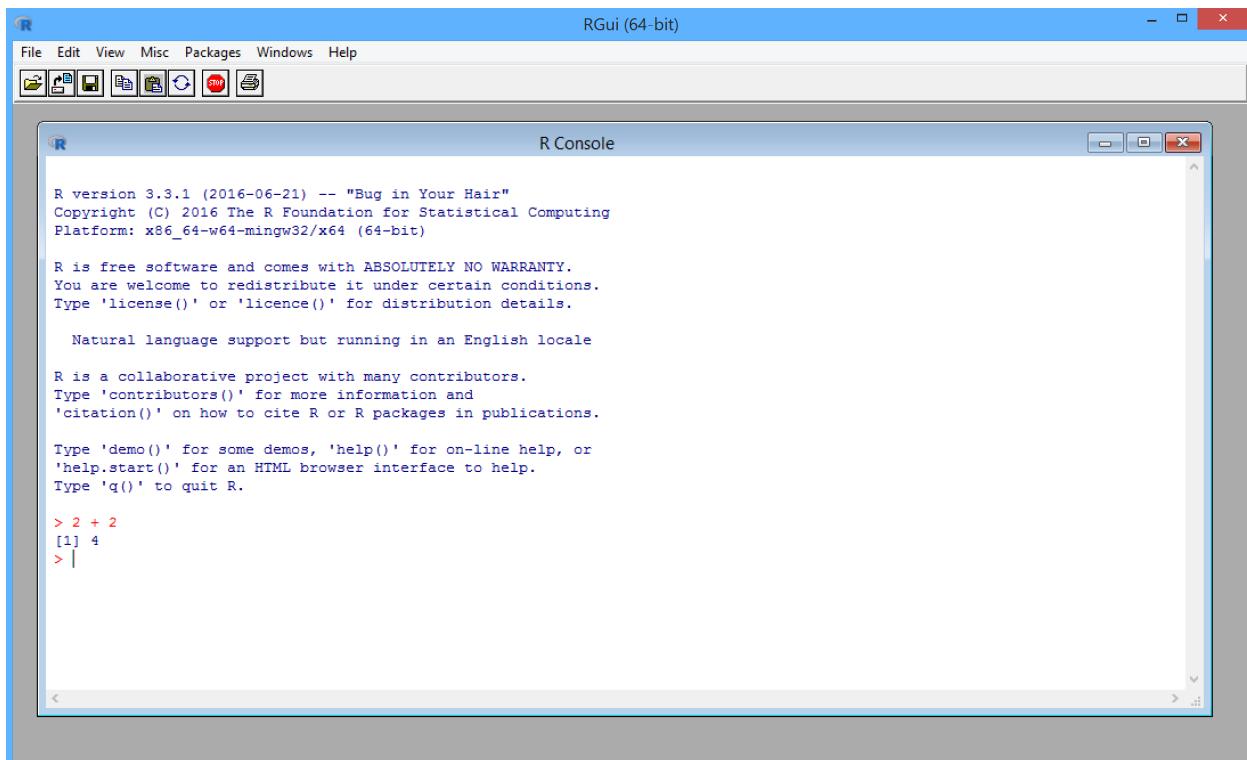
23. Instalação em andamento.



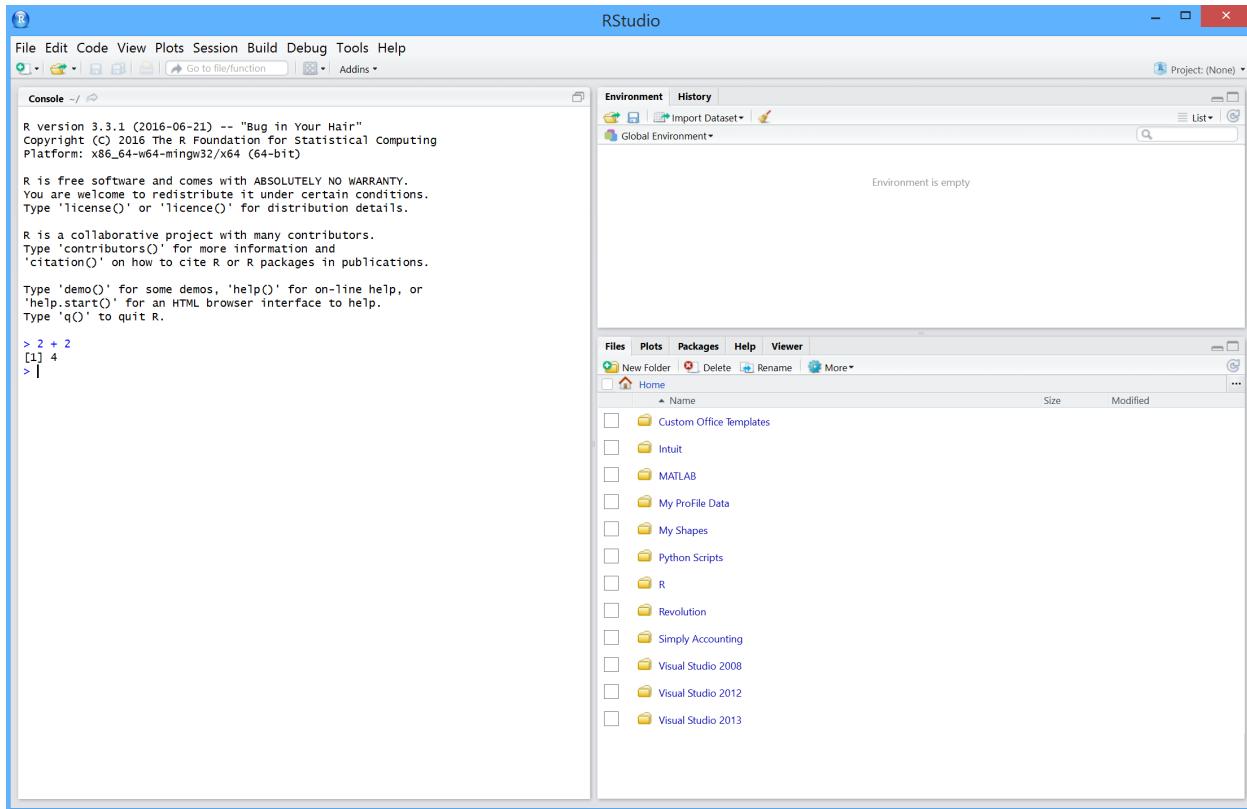
24. Instalação concluída com sucesso! Clique no botão **Finish**.



25. Testando o console do R.



26. Testando o console do RStudio.



Parabéns!

Seu ambiente está instalado e pronto para começar o curso.