



Fakultät für
**Kultur- und
Sozialwissen-
schaften**

Installation von R und RStudio unter Windows

Fakultät für **Kultur- und Sozialwissenschaften**
Arbeitsstelle Quantitative Methoden
Verena Bade

Vorbemerkung

- Die Hinweise zur Installation basiert auf der R-Version 4.3.0.
Falls zwischenzeitlich eine neuere Version verfügbar ist, dann installieren Sie bitte die aktuelle Version.
- Geringe Unterschiede bei der Darstellung einzelner Seiten sollten Sie nicht davon abhalten, R bzw. RStudio zu installieren. Die Installationsroutine sollte sich auch bei neueren Versionen kaum unterscheiden.
- Antworten auf häufige Fragen zur Installation finden Sie unter <https://cran.r-project.org/faqs.html>
- Kurze (ältere) Videos zur Installation finden Sie unter <https://learnr-examples.shinyapps.io/ex-setup-r/#section-install-r>

Installation von R

Für die Installation von R rufen Sie die Seite <https://www.r-project.org> auf:



The screenshot shows the homepage of the R Project for Statistical Computing. The browser address bar displays <https://www.r-project.org>. The main heading is "The R Project for Statistical Computing". Below this, there is a "Getting Started" section with the text: "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." An orange arrow points to this text. Below the "Getting Started" section is a "News" section with a list of recent updates, including "RBaseet, a userR! Regional 2023 event, has a call for abstracts open until Friday 26 May 2023", "R version 4.3.0 (Already Tomorrow) has been released on 2023-04-21", and "R version 4.2.3 (Shortstop Beagle) has been released on 2023-03-15". There is also a "News via Twitter" section featuring a tweet from "The R Founda..." dated May 18, which mentions an "R Contribution Working Group" meeting on Friday, May 19, from 14:00-15:00 UTC. The tweet includes an agenda with items like "Intro from Google Summer of Code contributors working on RCWG/R Journal projects" and "Discussion of potential funding for translation work". At the bottom of the tweet, there is a link to "contributor.r-project.org Event calendar". The left sidebar contains navigation links for "Download", "R Project", "R Foundation", "Help With R", and "Documentation".

Wählen Sie einen CRAN-Server in Ihrer Nähe aus:

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 mirrors can be found here: [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

Argentina

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

Universidad Nacional de La Plata

Australia

<https://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

Austria

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

Wirtschaftsuniversität Wien

Belgium

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

Patrick Wessa

<https://ftp.belnet.be/mirror/CRAN/>

Belnet, the Belgian research and education network

Brazil

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

Universidade Federal do Parana

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

Oswaldo Cruz Foundation, Rio de Janeiro

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

University of Sao Paulo, Sao Paulo

<https://brieger.esalq.usp.br/CRAN/>

University of Sao Paulo, Piracicaba

Bulgaria

<https://ftp.uni-sofia.bg/CRAN/>

Sofia University

Canada

<https://mirror.rcg.sfu.ca/mirror/CRAN/>

Simon Fraser University, Burnaby

<https://muug.ca/mirror/cran/>

Manitoba Unix User Group

<https://mirror.csclub.uwaterloo.ca/CRAN/>

University of Waterloo

Chile

<https://cran.dcc.uchile.cl/>

Departamento de Ciencias de la Computación, Universidad de Chile

China

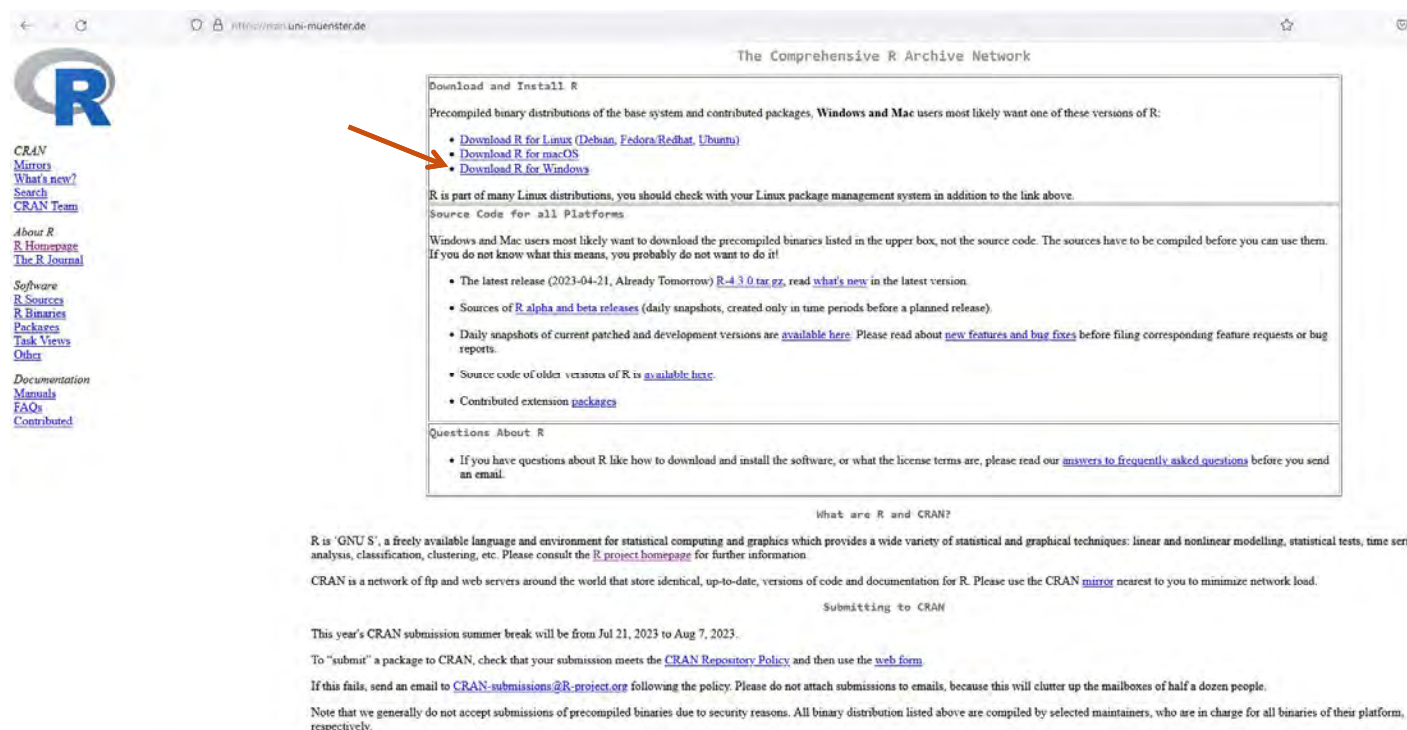
Folgende CRAN-Server stehen in Deutschland zur Verfügung:

Germany

<https://ftp.fau.de/cran/>
<https://mirror.dogado.de/cran/>
<https://ftp.gwdg.de/pub/misc/cran/>
<https://cran.uni-muenster.de/>
<https://mirror.clientvps.com/CRAN/>
<https://packages.othr.de/cran/>

Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU)
dogado GmbH
GWDG Göttingen
University of Münster, Germany
ClientVPS
OTH Regensburg

Wählen Sie jetzt die Version aus, die Sie installieren möchten, hier also R für Windows:



The screenshot shows the CRAN website with the following content:

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 \(Debian, Fedora, Redhat, Ubuntu\)](#)
- [Download R for macOS](#)
- [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 (2023-04-21, Already Tomorrow) [R-4.3.0 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.

What are R and CRAN?

R is "GNU S", a freely available language and environment for statistical computing and graphics which provides a wide variety of statistical and graphical techniques: linear and nonlinear modelling, statistical tests, time series analysis, classification, clustering, etc. Please consult the [R project homepage](#) for further information.

CRAN is a network of ftp and web servers around the world that store identical, up-to-date, versions of code and documentation for R. Please use the CRAN [mirror](#) nearest to you to minimize network load.

Submitting to CRAN

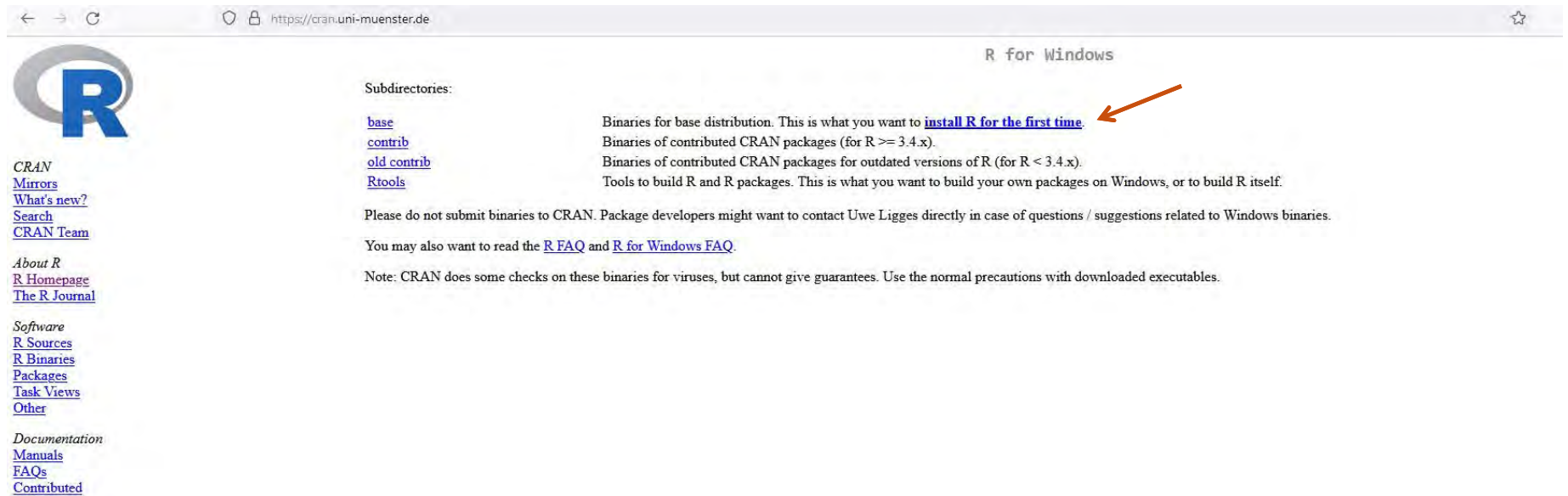
This year's CRAN submission summer break will be from Jul 21, 2023 to Aug 7, 2023.

To "submit" a package to CRAN, check that your submission meets the [CRAN Repository Policy](#) and then use the [web form](#).

If this fails, send an email to CRAN-submissions@R-project.org following the policy. Please do not attach submissions to emails, because this will clutter up the mailboxes of half a dozen people.

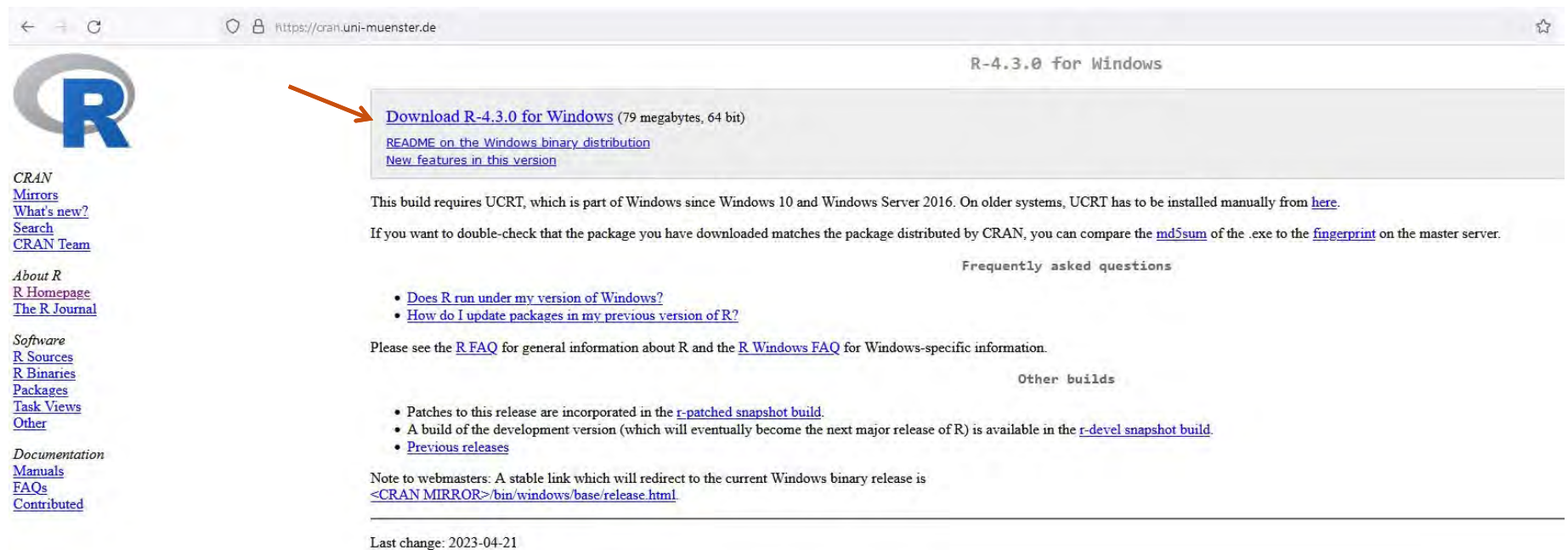
Note that we generally do not accept submissions of precompiled binaries due to security reasons. All binary distribution listed above are compiled by selected maintainers, who are in charge for all binaries of their platform, respectively.

Folgen Sie nun dem Link [install R for the first time](#):



The screenshot shows a web browser window with the address bar displaying <https://cran.uni-muenster.de>. The page content includes the CRAN logo on the left, a navigation menu with links like [CRAN](#), [Mirrors](#), [What's new?](#), [Search](#), and [CRAN Team](#). The main content area is titled "R for Windows" and lists subdirectories: [base](#), [contrib](#), [old contrib](#), and [Rtools](#). The [base](#) subdirectory description includes the link [install R for the first time](#), which is highlighted by an orange arrow. Other text on the page includes instructions on submitting binaries and a note about virus checks.

Starten Sie jetzt den Download der Datei:



CRAN

[Mirrors](#)
[What's new?](#)
[Search](#)
[CRAN Team](#)

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

Software
[R Sources](#)
[R Binaries](#)
[Packages](#)
[Task Views](#)
[Other](#)

Documentation
[Manuals](#)
[FAQs](#)
[Contributed](#)

R-4.3.0 for Windows

[Download R-4.3.0 for Windows](#) (79 megabytes, 64 bit)
[README on the Windows binary distribution](#)
[New features in this version](#)

This build requires UCRT, which is part of Windows since Windows 10 and Windows Server 2016. On older systems, UCRT has to be installed manually from [here](#).

If you want to double-check that the package you have downloaded matches the package distributed by CRAN, you can compare the [md5sum](#) of the .exe to the [fingerprint](#) on the master server.

Frequently asked questions

- [Does R run under my version of Windows?](#)
- [How do I update packages in my previous version of R?](#)

Please see the [R FAQ](#) for general information about R and the [R Windows FAQ](#) for Windows-specific information.

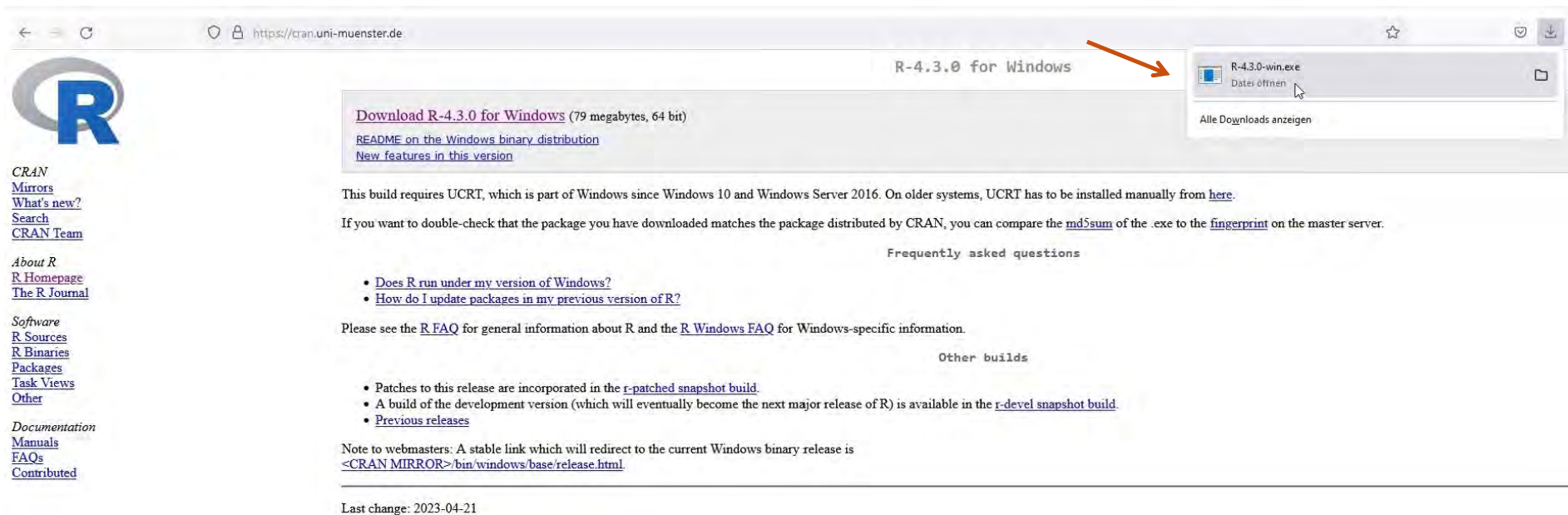
Other builds

- 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 in the [r-devel snapshot build](#).
- [Previous releases](#)

Note to webmasters: A stable link which will redirect to the current Windows binary release is <CRAN MIRROR>/bin/windows/base/release.html.

Last change: 2023-04-21

Rufen Sie nun die heruntergeladene Datei auf:



[Download R-4.3.0 for Windows](#) (79 megabytes, 64 bit)
[README on the Windows binary distribution](#)
[New features in this version](#)

This build requires UCRT, which is part of Windows since Windows 10 and Windows Server 2016. On older systems, UCRT has to be installed manually from [here](#).

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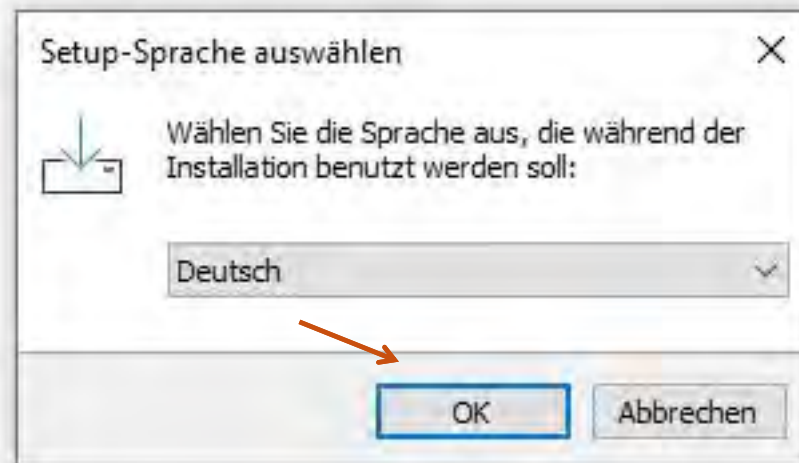
Other builds

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- A build of the development version (which will eventually become the next major release of R) is available in the [r-devel snapshot build](#).
- [Previous releases](#)

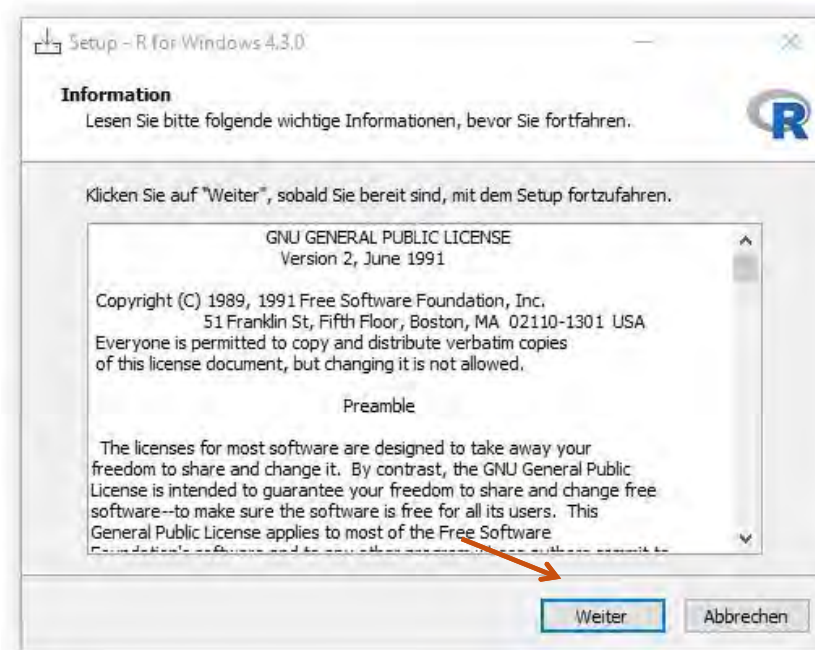
Note to webmasters: A stable link which will redirect to the current Windows binary release is [~CRAN MIRROR~/bin/windows/base/release.html](#).

Last change: 2023-04-21

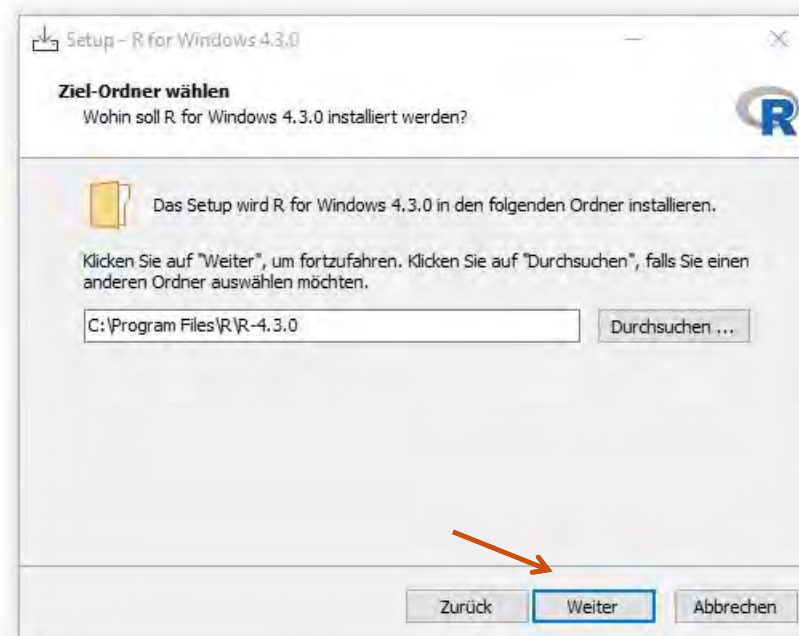
Wählen Sie die Sprache für die Installation aus:



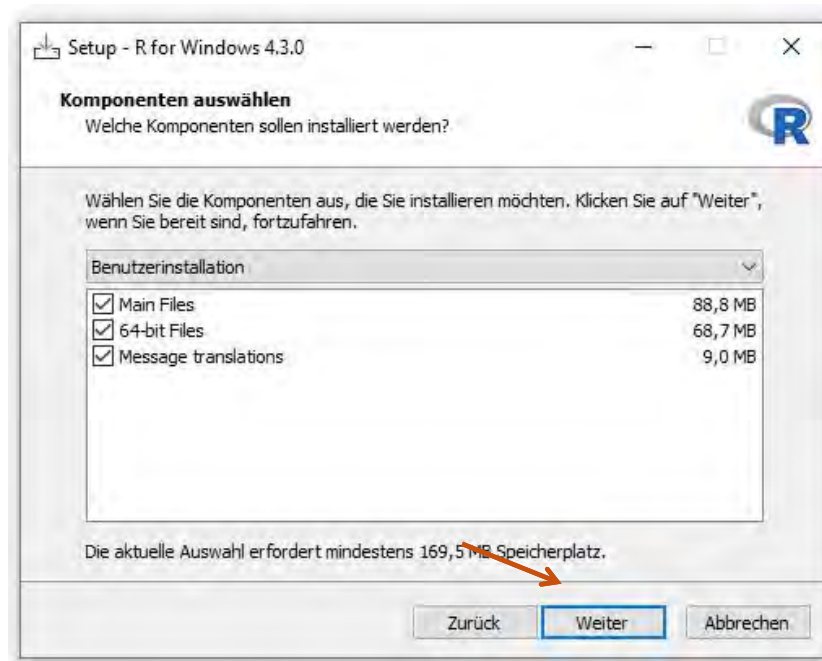
Lesen Sie die Informationen zur Lizenzvereinbarung und bestätigen Sie diese:



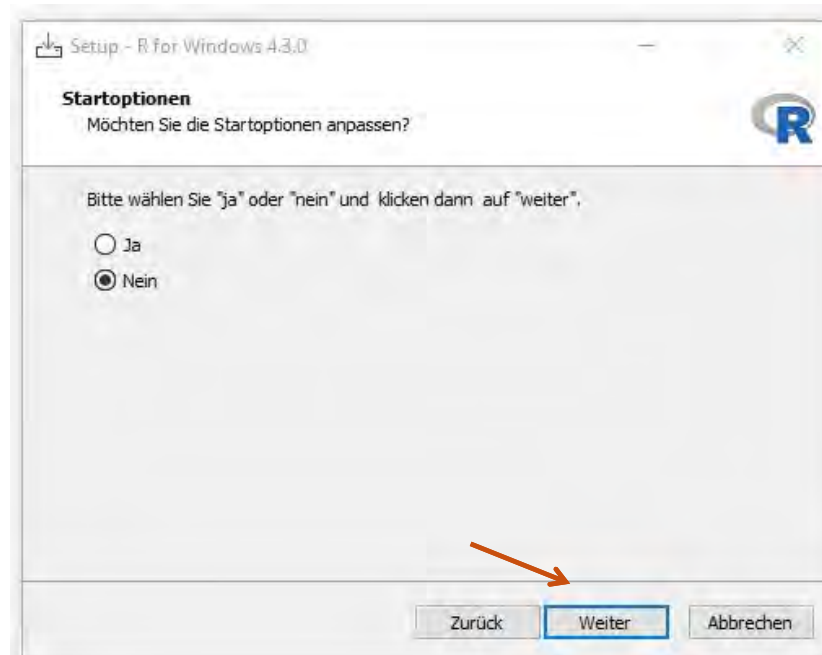
Wählen Sie den Zielordner für die Installation. Die Voreinstellungen können in der Regel übernommen werden:



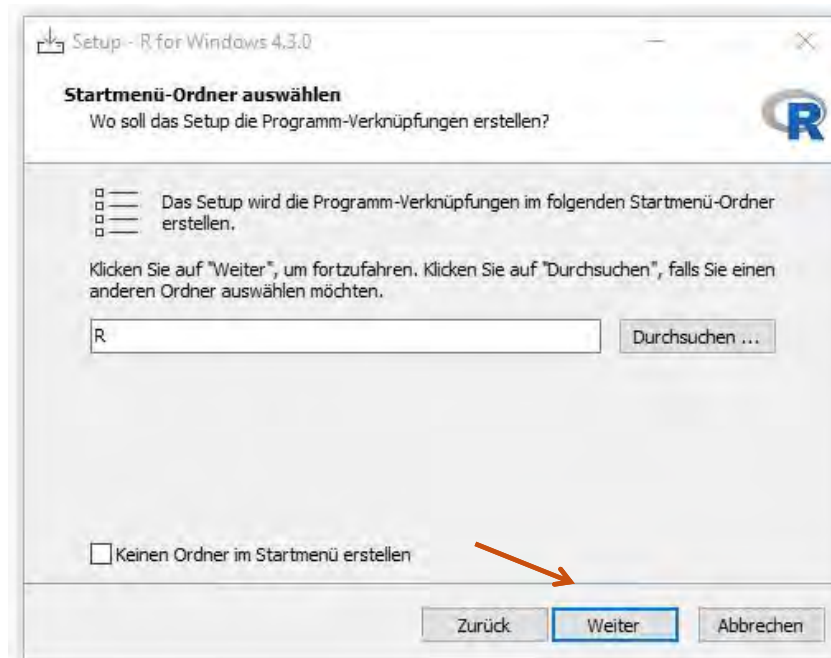
Wählen Sie die Komponenten aus, die installiert werden sollen. Die Voreinstellungen können in der Regel übernommen werden:



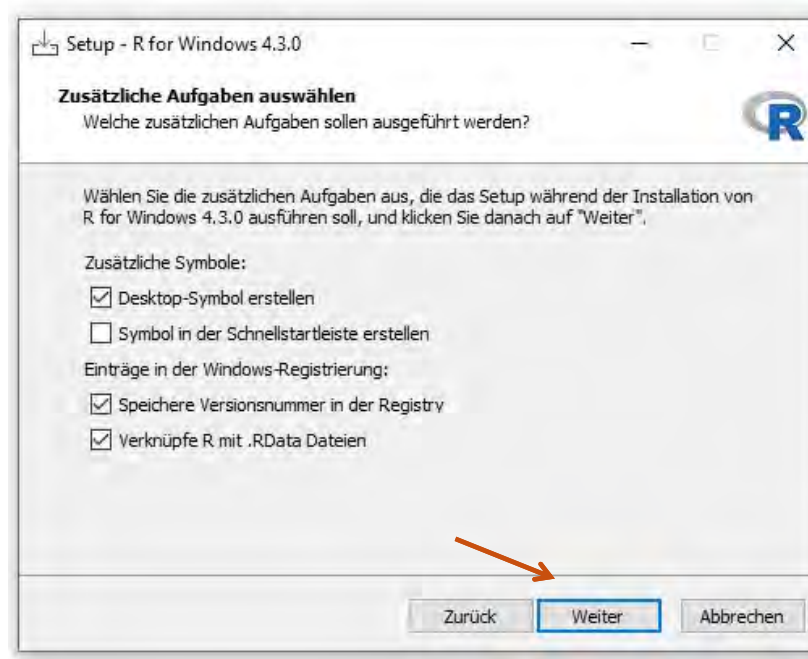
Wählen Sie, ob Sie die Startoptionen anpassen wollen. Die Voreinstellungen können in der Regel übernommen werden:



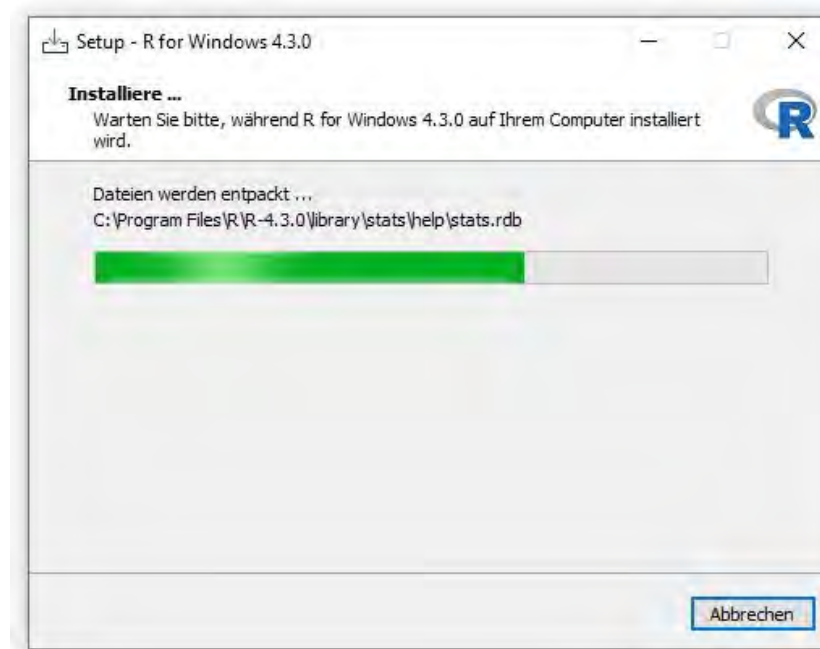
Wählen Sie einen Ordner für das Startmenü. Die Voreinstellungen können in der Regel übernommen werden:



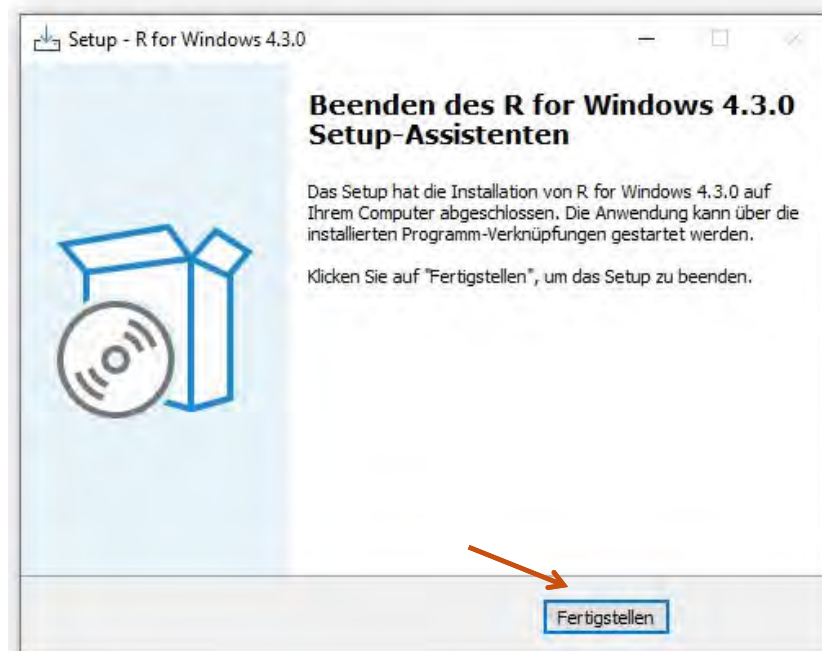
Sie haben jetzt die Möglichkeit, zusätzliche Aufgaben auszuwählen. Die Voreinstellungen können in der Regel übernommen werden:



R wird nun installiert:

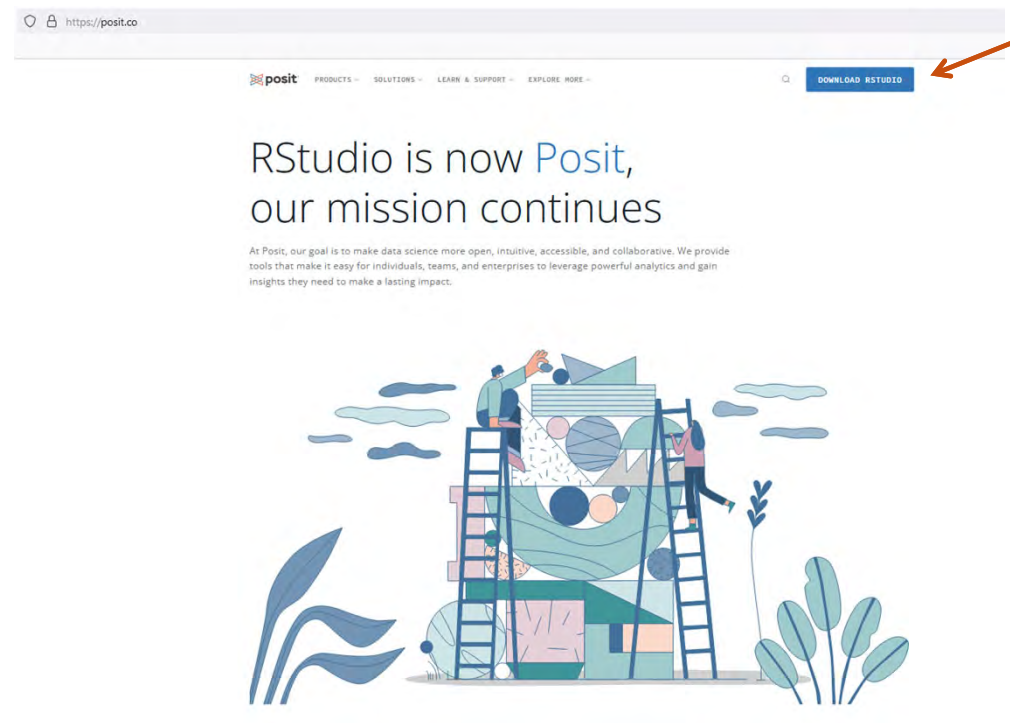


Die Installation von R wird nun abgeschlossen. Bestätigen Sie den Vorgang durch Klicken von *Fertigstellen*:

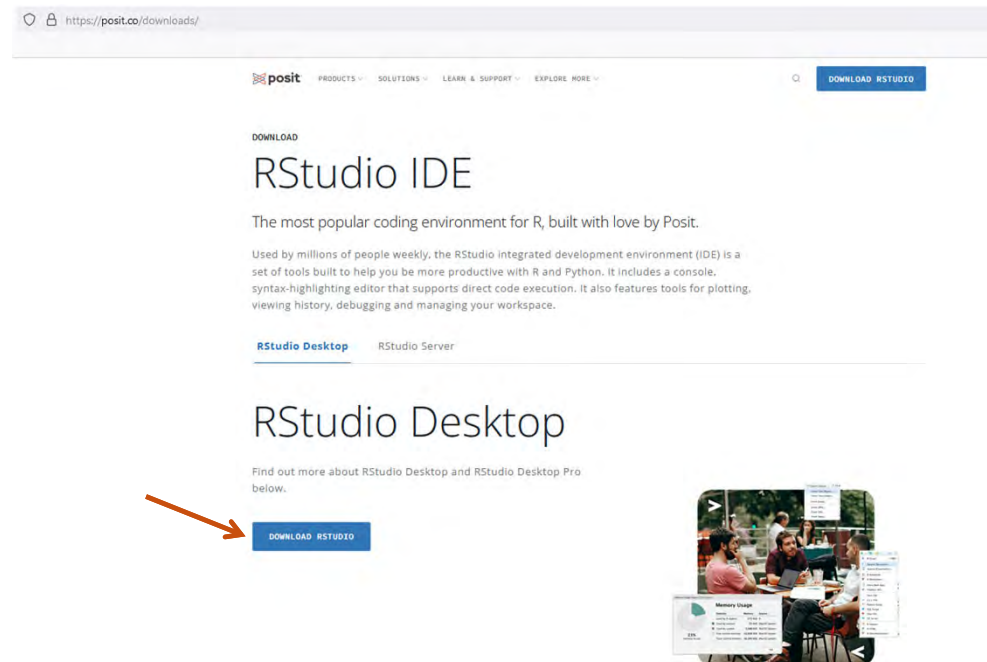


Installation von RStudio

Für die Installation von RStudio rufen Sie die Seite <https://posit.co> auf:

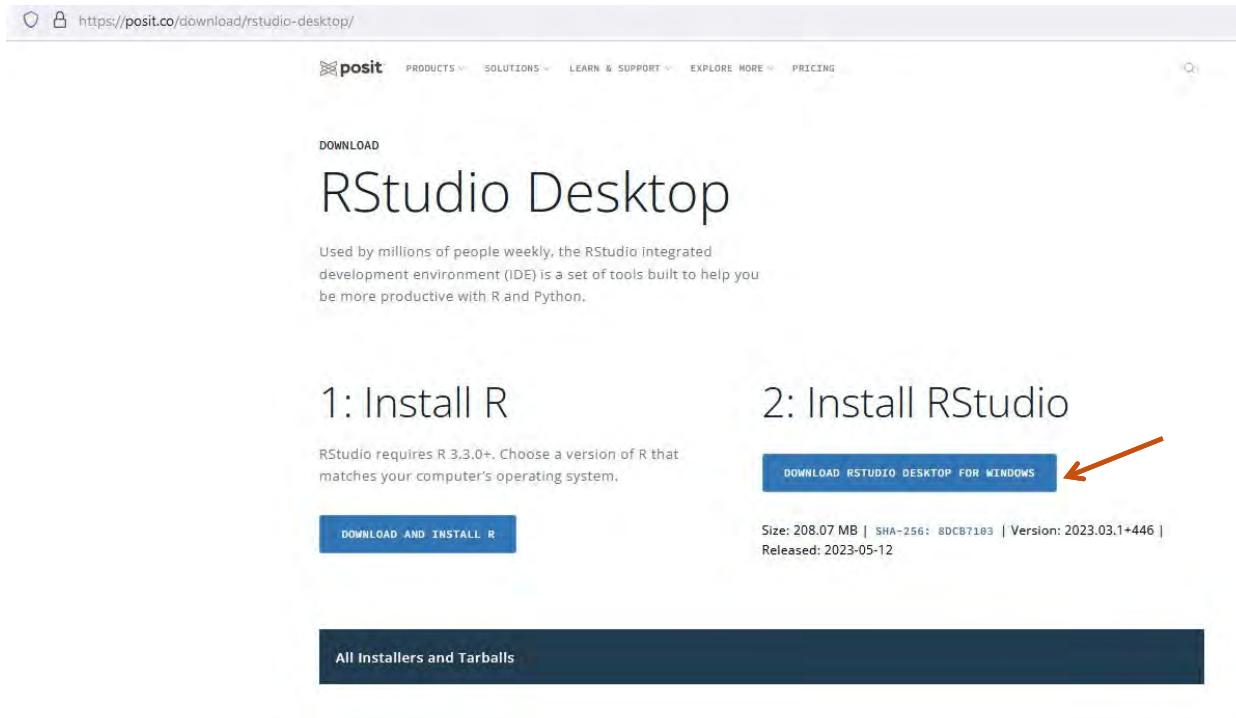


Wählen Sie die RStudio Desktop-Version und klicken Sie auf den Download-Button:



The screenshot shows the Posit website's download page for RStudio. The browser address bar displays `https://posit.co/downloads/`. The page features a navigation menu with links for PRODUCTS, SOLUTIONS, LEARN & SUPPORT, and EXPLORE MORE. A prominent blue button labeled "DOWNLOAD RSTUDIO" is visible in the top right. Below the navigation, the page is titled "RStudio IDE" and describes it as the most popular coding environment for R. A secondary section, "RStudio Desktop", is highlighted with a blue underline. Under this section, there is a blue button labeled "DOWNLOAD RSTUDIO" which is pointed to by an orange arrow. To the right of the text, there is a small image showing a group of people in a meeting, with a system monitor overlay displaying memory usage statistics.

Drücken Sie den Download-Button unter Schritt 2: Zur Erinnerung: R muss bereits installiert sein!



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

posit PRODUCTS SOLUTIONS LEARN & SUPPORT EXPLORE MORE PRICING

DOWNLOAD

RStudio Desktop

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.

1: Install R

RStudio requires R 3.3.0+. Choose a version of R that matches your computer's operating system.

DOWNLOAD AND INSTALL R

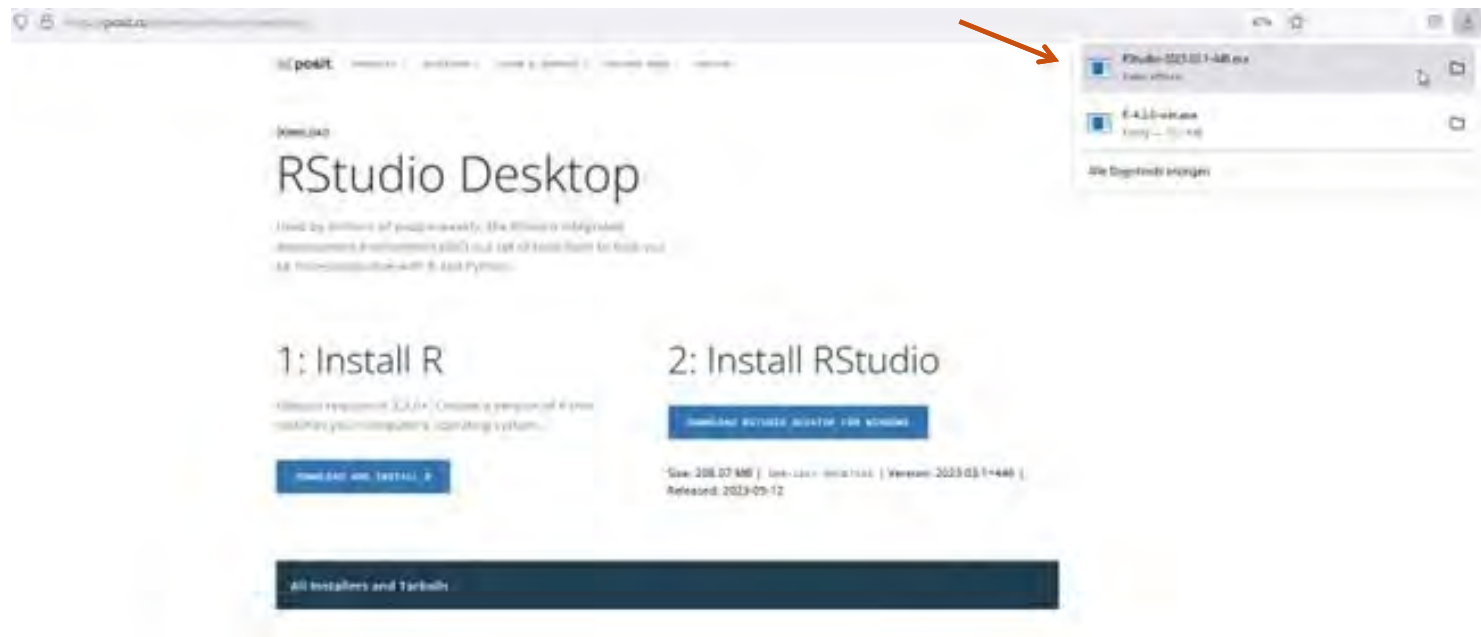
2: Install RStudio

DOWNLOAD RSTUDIO DESKTOP FOR WINDOWS

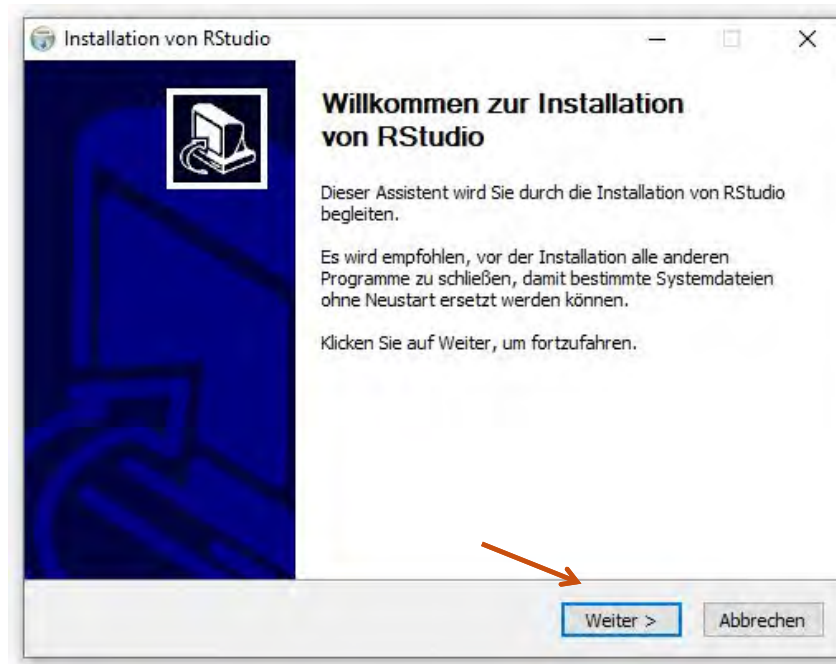
Size: 208.07 MB | SHA-256: 8DCB7103 | Version: 2023.03.1+446 | Released: 2023-05-12

All Installers and Tarballs

Rufen Sie nun die heruntergeladene Datei auf:



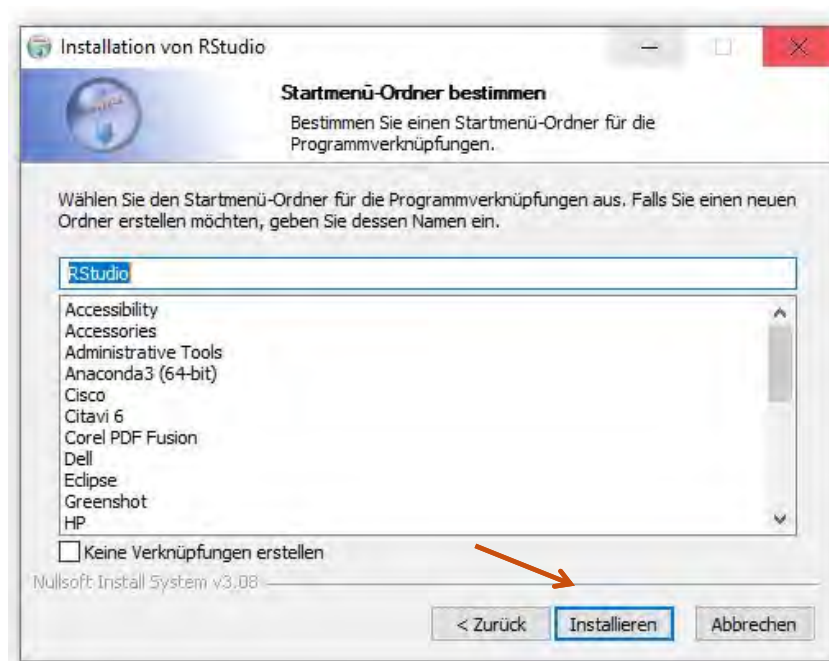
Starten Sie die Installation mit Hilfe des Installationsassistenten:



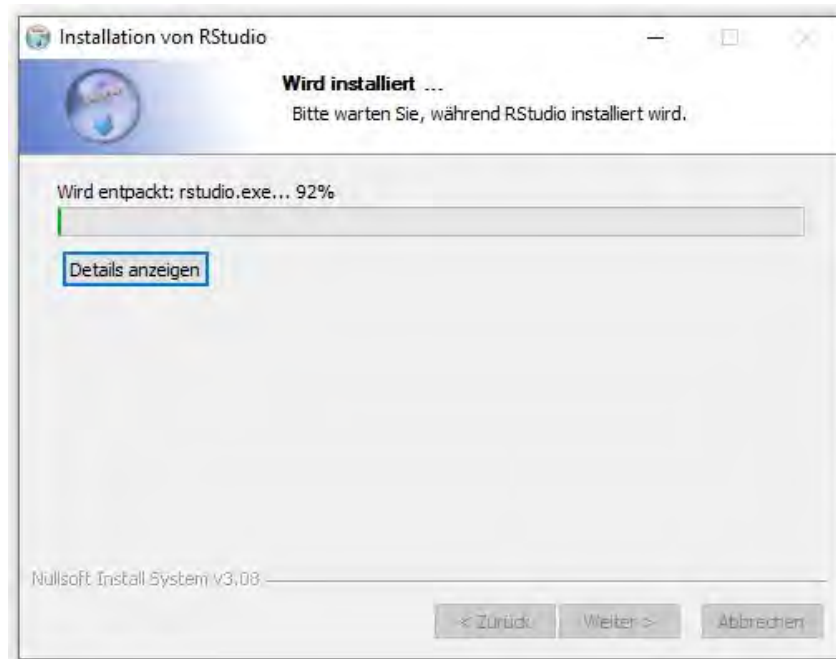
Wählen Sie das Zielverzeichnis für die Installation. Die Voreinstellungen können in der Regel übernommen werden:



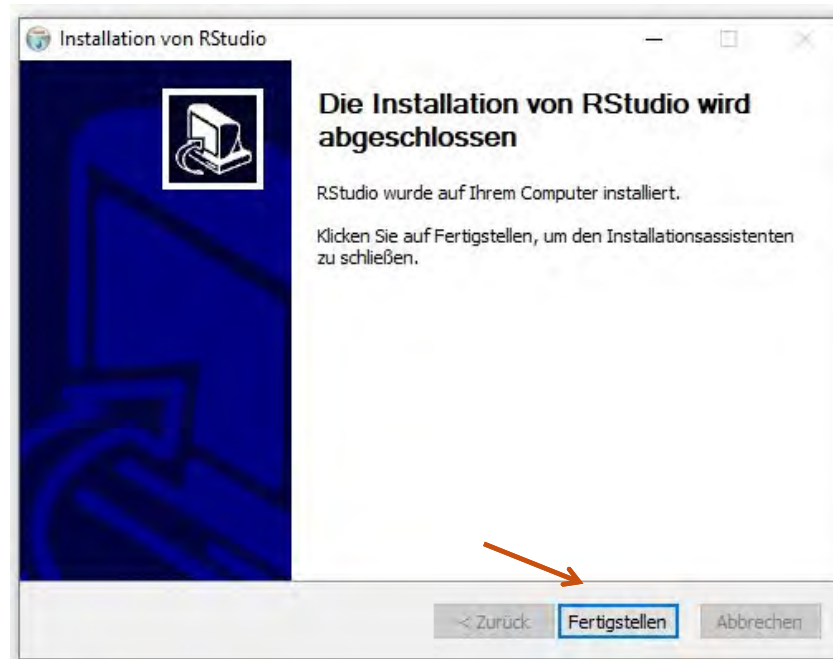
Wählen Sie den Ordner für das Startmenü. Die Voreinstellungen können in der Regel übernommen werden:



RStudio wird nun installiert:



Die Installation von RStudio wird nun abgeschlossen. Bestätigen Sie den Vorgang durch Klicken von *Fertigstellen*:



Öffnen Sie RStudio. Sie können jetzt mit Ihrer Analyse starten

