

INSTALLATION DE *R* ET DE *RSTUDIO*



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1 Installation de *R*

- Aller sur le site de *R* (<https://www.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 4.2.1 (Funny-Looking Kid)** has been released on 2022-06-23.
- **R version 4.2.0 (Vigorous Calisthenics)** has been released on 2022-04-22.
- **R version 4.1.3 (One Push-Up)** was released on 2022-03-10.
- Thanks to the organisers of useR! 2020 for a successful online conference. Recorded tutorials and talks from the conference are available on the [R Consortium YouTube channel](#).
- You can support the R Foundation with a renewable subscription as a [supporting member](#)

- Cliquer sur CRAN. Vous obtenez une liste de miroirs organisée par pays.

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, v](#)

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

- Choisir un site miroir proche de sa localisation.
- Choisir le téléchargement selon le système d'exploitation de l'ordinateur.

Download and Install R

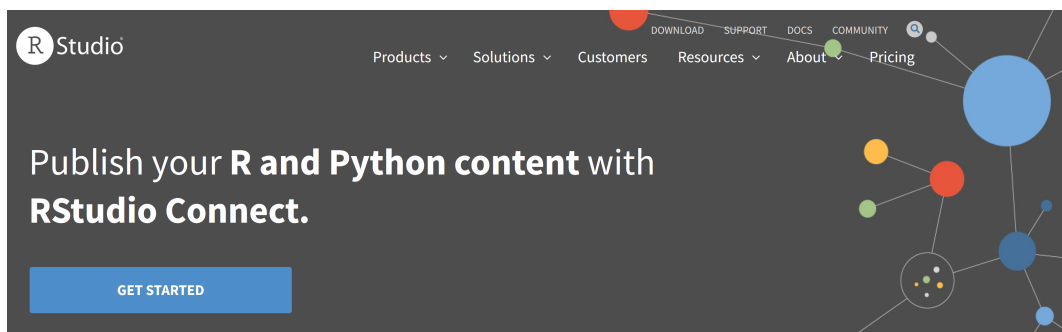
Precompiled binary distributions of the base system and contributed packages, **Windows and Mac** users most likely want one of these versions of R:

- [Download R for Linux \(Debian, Fedora/Redhat, Ubuntu\)](#)
- [Download R for macOS](#)
- [Download R for Windows](#)

- Télécharger et installer *R*.

2 Installation de *RStudio*

- Aller sur le site de *RStudio* (<https://www.rstudio.com/>).



- Cliquer sur Download.

Download the RStudio IDE

Choose Your Version

The RStudio IDE is a set of integrated tools designed to help you be more productive with R and Python. It includes a console, syntax-highlighting editor that supports direct code execution, and a variety of robust tools for plotting, viewing history, debugging and managing your workspace.

[LEARN MORE ABOUT RSTUDIO FEATURES](#)



- Choisir la version gratuite.

RStudio Desktop

Open Source License

Free

DOWNLOAD

[Learn more](#)

Integrated Tools for R



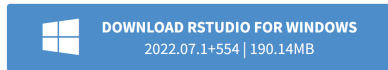
Priority Support

Access via Web Browser

- Choisir l'installation selon le système d'exploitation de son ordinateur.

RStudio Desktop 2022.07.1+554 - [Release Notes](#)

1. Install R. RStudio requires R 3.3.0+.
2. Download RStudio Desktop. Recommended for your system:



Requires Windows 10/11 (64-bit)



- Télécharger et installer *RStudio*.

3 Lancement de *R* et de *RStudio*

Il existe plusieurs manières de lancer *R*. On peut lancer directement *R* à partir de la console.

```
R R Console

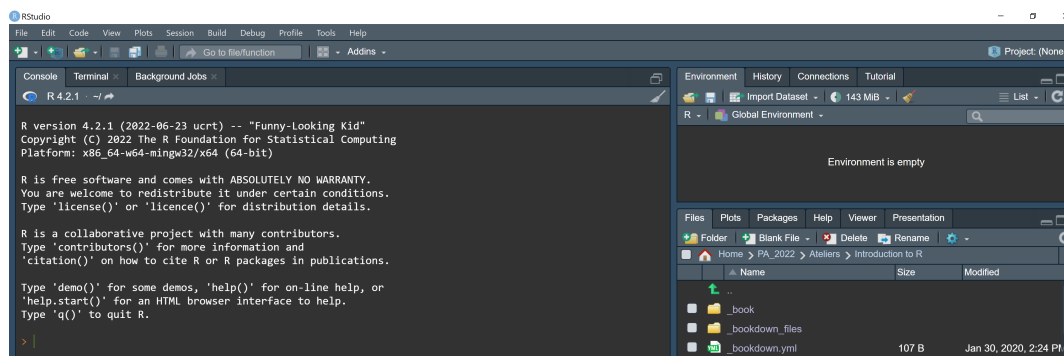
R version 4.2.1 (2022-06-23 ucrt) -- "Funny-Looking Kid"
Copyright (C) 2022 The R Foundation for Statistical Computing
Platform: x86_64-w64-mingw32/x64 (64-bit)

R est un logiciel libre livré sans AUCUNE GARANTIE.
Vous pouvez le redistribuer sous certaines conditions.
Tapez 'license()' ou 'licence()' pour plus de détails.

R est un projet collaboratif avec de nombreux contributeurs.
Tapez 'contributors()' pour plus d'information et
'citation()' pour la façon de le citer dans les publications.

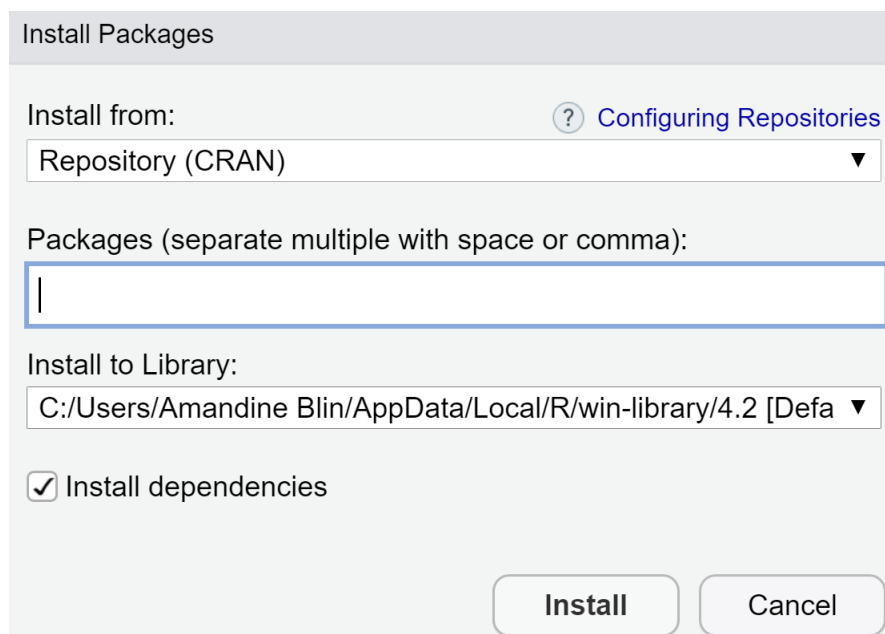
Tapez 'demo()' pour des démonstrations, 'help()' pour l'aide
en ligne ou 'help.start()' pour obtenir l'aide au format HTML.
Tapez 'q()' pour quitter R.
```

On peut lancer *R* via l'environnement de travail *RStudio*.



4 Installation de packages *R* sous *RStudio*

- Ouvrir *RStudio*.
- Dans le menu *Tools*, cliquer sur *Install Packages*. On obtient la fenêtre suivante :



Install Packages

Install from: [? Configuring Repositories](#)

Repository (CRAN) ▼

Packages (separate multiple with space or comma):

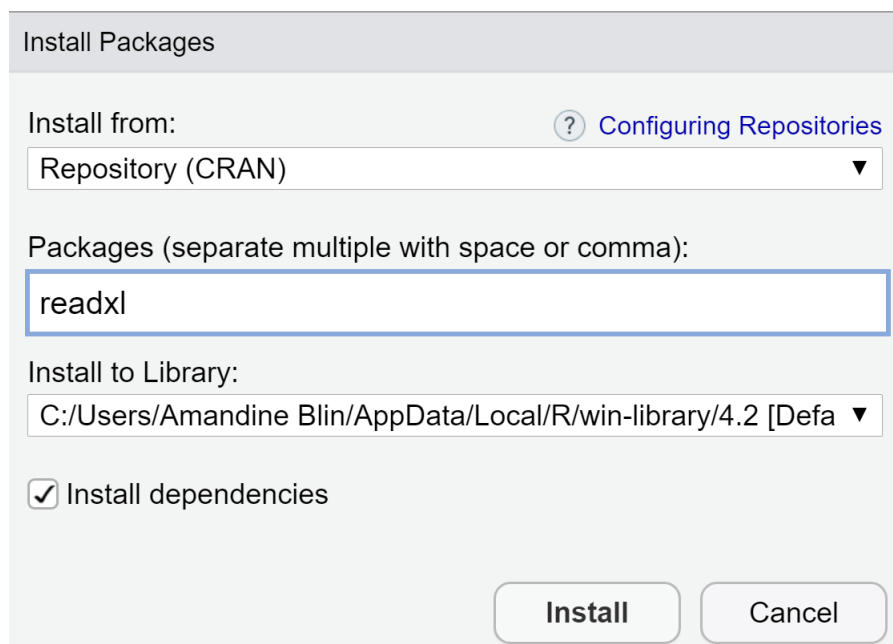
Install to Library:

C:/Users/Amandine Blin/AppData/Local/R/win-library/4.2 [Default] ▼

☒ Install dependencies

Install Cancel

- Taper dans *packages* (*separate multiple with space or comma*) le nom du package *readxl*, cliquer sur *install*.



Install Packages

Install from: [? Configuring Repositories](#)

Repository (CRAN) ▼

Packages (separate multiple with space or comma):

readxl

Install to Library:

C:/Users/Amandine Blin/AppData/Local/R/win-library/4.2 [Default] ▼

☒ Install dependencies

Install Cancel

- Effectuer l'étape précédente pour installer le package *tidyverse*.