INSTALLATION DE *R* ET DE *RSTUDIO*

ACQUISITION ET ANALYSE
DE DONNÉES
POUR L'HISTOIRE NATURELLE

Amandine Blin

UAR 2700 2AD, pôle analyse de données

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1 Installation de *R*

- Aller sur le site de *R* (https://www.r-project.org/)

The R Project for Statistical Computing

[Home]

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CRAN

R Project

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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.

- 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/).
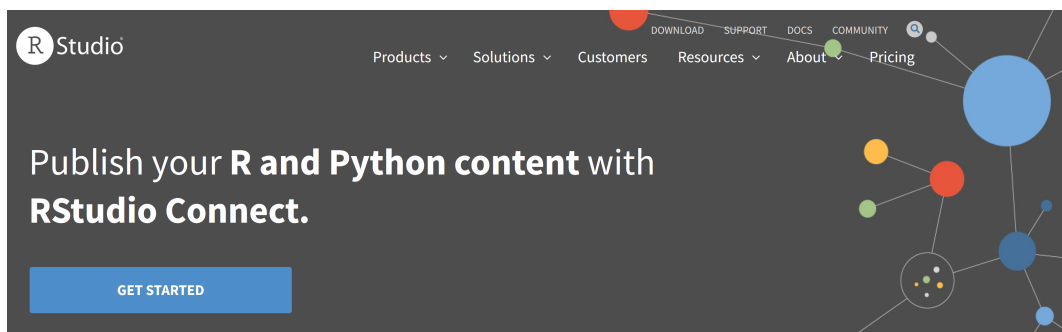
- Cliquer sur Download.

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

R Studio Team

RStudio's recommended professional data science solution for every team. RStudio Team is a bundle of RStudio's popular professional software for data analysis, package management, and

- Choisir la version gratuite.

RStudio Desktop

Open Source License

Free

DOWNLOAD

Learn more
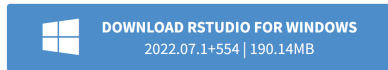
Integrated Tools for R	✓
Priority Support	
Access via Web Browser	

- 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:

> **DOWNLOAD RSTUDIO FOR WINDOWS**
> 2022.07.1+554 | 190.14MB

Requires Windows 10/11 (64-bit)

- Télécharger et installer *RStudio*.

3   Lancement de *R* et de *RStudio*

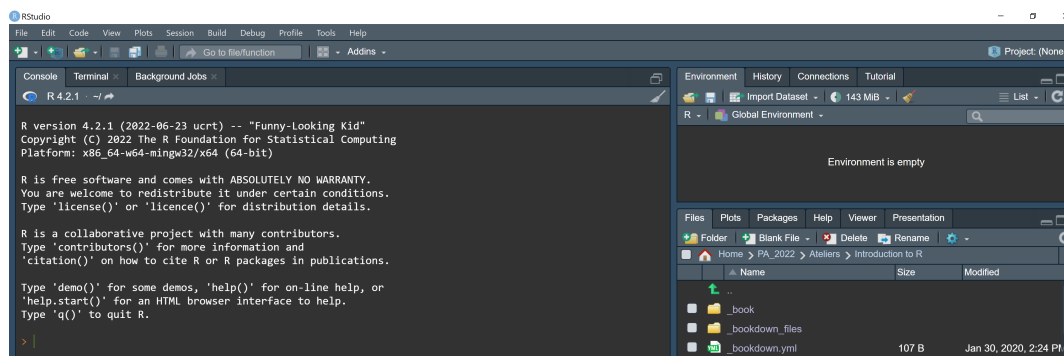Il existe plusieurs manières de lancer *R*. On peut lancer directement *R* à partir de la console.

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) ▼
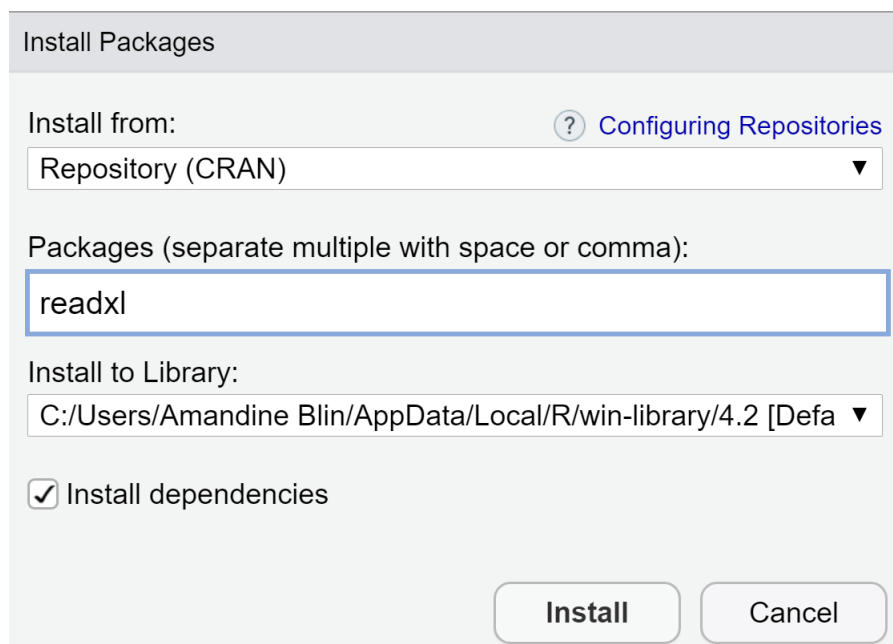
Packages (separate multiple with space or comma):

```
|
```

Install to Library:

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

☑ 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 [Defa ▼

☑ Install dependencies

Install   Cancel

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