

Installing JDemetra+

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Context

This is a quick guide on how to install JDemetra+ Graphical User Interface, Cruncher and related R packages. If you need more information on how to configure your computer, you should read this more detailed guide

Installing the Graphical User Interface (GUI)

You can find the latest releases

- in the v2.x family: [here](#)

As of April 2024, the latest version is v2.2.4

Scroll down the page, download and unzip the file *jdemetra-2.2.4-bin.zip*.

To start the application, run the file **nbdemetra64.exe** located in the following subfolder ...[\jdemetra-2.2.4-bin\nbdemetra\bin](#)

i Remark: You can create shortcuts to the executable files if you want to launch them from another folder (Desktop, project folder...).

- in the v3.x family: [here](#)

As of April 2024, the latest version is (v3.2.2)

Scroll down the page, download and unzip the file if you use Windows *jdemetra-standalone-3.2.2-windows-x86_64.zip*.

To start the application, run the file **nbdemetra64.exe** located in the following subfolder ...[\jdemetra-standalone-3.2.2-windows-x86_64\nbdemetra\bin](#)

Version 3.x requires Java 17 or higher, *jdemetra-standalone-3.2.2-windows-x86_64.zip* contains a portable version of Java 21, so you don't have to deal with this issue on your computer.

R packages related to version 3.x (rjd3...) also require Java 17 or higher, you can (and should) use the portable version provided with the graphical user interface to run them, this is explained [here](#).

0.1 Installing additional plugins

To benefit from extended features of the graphical user interface installing plug-ins can be required. This procedure is detailed [here](#) and [here](#) in the online documentation.

In the **v2.x family** some of the additional features are: - Benchmarking and Temporal disaggregation - Nowcasting

In the **v3.x family** some of the additional features are: - Benchmarking and Temporal disaggregation - Seasonal adjustment of high frequency data - Additional algorithms for seasonal adjustment

Installing the cruncher

To install the Cruncher :

- in v2, go to the [**JWSACruncher**] page(<https://github.com/jdemetra/jwsacruncher>) and **download** and **unzip** the compressed folder **jwsacruncher-2.2.4-bin.zip**.
- in v3, go to the **jdplus-main** page and **download** and **unzip** the compressed folder **jwsacruncher-standalone-3.2.2-**

0.2 Configuration to run rjd3 packages

rjd3 suite of packages is available here

Installation procedure and example are provided in the readme files.

To use the v3 packages in R, you need to specify the path to Java 17 or higher.

You can use the version of Java that comes with the graphical user interface, as shown in the example below.

- Run this line at the beginning of your programs (with the correct path where you installed JDemetra+)
or configure your Renviron file as explained here:

```
Sys.setenv("JAVA_HOME" = "../jdemetra-standalone-3.2.2-windows-x86_64/nbdemetra/jdk-21.0.2+13-jre")
```