

R programming in QGIS



Rationale:

The R software system has many useful numerical and statistical functions that can be used in the environment of QGIS. Linking the two systems is most advantageous to utilise the power of both software whilst using the tools.

Installation:

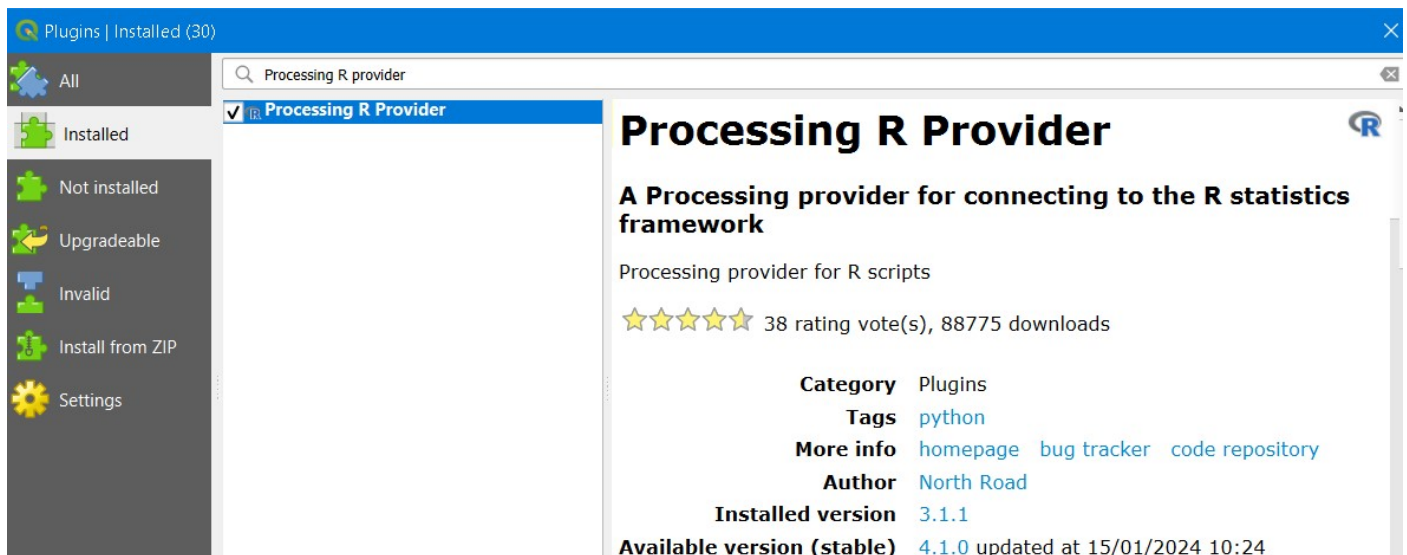
- To install R, go to <https://www.cran.r-project.org>
- Click Download R for <your system>.
- Install R Click on “install R for the first time”.
- It is suggested for the current set of tools to use a previous release (3.6.2) rather than the latest version
- Click on “Previous releases”
- Click on “R 3.6.2 “
- Click on “R-3.6.2-win.exe “
- Save the file to some user-controlled disk space (e.g. Windows downloads)

Index of /bin/windows/base/old/3.6.2

<u>Name</u>	<u>Last modified</u>	<u>Size</u>	<u>Description</u>
Parent Directory		-	
CHANGES.R-3.6.2.html	2019-12-12 10:43	39K	
NEWS.R-3.6.2.html	2019-12-12 10:43	457K	
R-3.6.2-win.exe	2019-12-12 10:43	82M	
R.css	2023-01-19 13:32	1.8K	
README.R-3.6.2	2019-12-12 10:43	8.5K	
SVN-REVISION.R-3.6.2	2019-12-12 10:43	46	
md5sum.txt	2019-12-12 10:43	50	
release.html	2019-12-12 10:43	90	
rw-FAQ.html	2019-12-12 10:43	103K	

Apache Server at cran.r-project.org Port 443

- Run the executable just downloaded with Administrative privilege (Run as administrator).
E.g. In Windows this will install the software in C:\Program Files\R\R-3.6.2
- In QGIS **Plugins – Manage and Install Plugins... - Not installed**
- Search for “Processing R Provider”
- Click on “Install plugin”



- Click Close
- In QGIS **Settings – Options – Processing – Providers – R**
- Double click the “User library folder” and change it to a user held library
e.g. C:/Users/tlb/R/win-library/3.6
- Double click the “R folder” and add the main folder
e.g. C:/Program Files/R/R-3.6.2
- Click on OK.

