

R on proxy server (Windows chapter)

- This README shows the procedures to run R (and RStudio) inside a proxy server (usually in universities and academics environments).

How do I get set up?

- Summary of setup:
 - Install software
 - Run it
 - Run script
 - Software needed:
 - [R](#)
 - [RStudio Desktop](#)
 - Update to the latest version of R and RStudio to minimize incompatibilities.
 - Software version (tests):
 - R (Windows version): 3.3.3 64 bits
 - Procedures:
 - Install [R](#)
 - Install [RStudio Desktop](#)
 - Previously, gather information about the configuration of your proxy server: IP address , port , username , password
-

Windows environment

- Deployment:
 - Run R
 - In the Console run this script:
 - `file.edit('~/.Renviron')`

- Automatically it will bring a new window. Introduce this statements:
 - `options(internet.info = 0)`
 - `http_proxy = http:// username:password@19X.16X.X.X:3XXX`
 - `http_proxy_user = username:password`
 - `https_proxy = https://`
`username:password@19X.16X.X.X:3XXX`
 - `https_proxy_user = username:password`
 - `ftp_proxy = username:password@19X.16X.X.X:3XXX`
- It should be pointed that `username` must be replaced with your username; `password` with your password; `19X.16X.X.X` i.e. with this IP address `192.168.4.1` and `3XXX` i.e. with this port: `3128`
- Restart R
- In the console, introduce this statement
 - `install.packages("XXXXXXX",method="libcurl")`
- Replace `"XXXXXXX"` with the [name of the package](#) you need.

```

RGui (64-bit)
File Edit View Misc Packages Windows Help

R Console

trying URL 'https://lib.ugent.be/CRAN/bin/windows/contrib/3.3/DBI_0.6-1.zip'
Content length 745091 bytes (729 KB)
downloaded 725 KB

trying URL 'https://lib.ugent.be/CRAN/bin/windows/contrib/3.3/lubridate_1.6.0.zip'
Content length 653737 bytes (638 KB)
downloaded 638 KB

trying URL 'https://lib.ugent.be/CRAN/bin/windows/contrib/3.3/RSQLite_1.1-2.zip'
Content length 1983598 bytes (1.9 MB)
downloaded 1.9 MB

trying URL 'https://lib.ugent.be/CRAN/bin/windows/contrib/3.3/archivist_2.1.2.zip'
Content length 405622 bytes (396 KB)
downloaded 396 KB

package 'bitops' successfully unpacked and MD5 sums checked
package 'jsonlite' successfully unpacked and MD5 sums checked
package 'mime' successfully unpacked and MD5 sums checked
package 'curl' successfully unpacked and MD5 sums checked
package 'openssl' successfully unpacked and MD5 sums checked
package 'R6' successfully unpacked and MD5 sums checked
package 'memoise' successfully unpacked and MD5 sums checked
package 'BH' successfully unpacked and MD5 sums checked
package 'plotr' successfully unpacked and MD5 sums checked
package 'Rcurl' successfully unpacked and MD5 sums checked
package 'http' successfully unpacked and MD5 sums checked
package 'URI' successfully unpacked and MD5 sums checked
package 'lubridate' successfully unpacked and MD5 sums checked
package 'RSQLite' successfully unpacked and MD5 sums checked
package 'archivist' successfully unpacked and MD5 sums checked

The downloaded binary packages are in
C:\Users\...\AppData\Local\Temp\Rtmp4009Op\downloaded_packages

```

Copyright



This work is licensed under a [Creative Commons Attribution-](#)

[ShareAlike 2.0 Generic License](#).

Legal

- All trademarks are the property of their respective owners.