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).

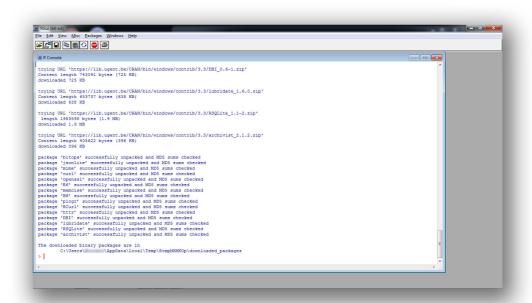
How do I get set up?

- Summary of setup:
 - Install software
 - Run it
 - Run script
- Software needed:
 - o 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:password0@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.



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