Road to install pyRserve and Rserve to connect Python and R

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Installing pyRserve for Python 3.6 or more
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pip3 install pyRserve
(maybe pip instead of pip3)
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Installing Rserve for R

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Within R
> install.packages("Rserve")

you are asked for a CRAN server, chose into a list

maybe your system will ask permission to create a folder; allow it
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Launching Rserve (any System)

when executed, can ask (only once for ever) to reply to a firewall screen, with yes to all the options

Interaction between Python and R

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Interactive example in the IDLE shell
>>> import pyRserve
>>> conn = pyRserve.connect(host="localhost")
>>> conn
<Handle to Rserve on localhost:6311>
>>> conn.r('33+9')
42.0
>>> conn.close()
>>> conn
<Closed handle to Rserve on localhost:6311>
>>>
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please, read
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http://packages.python.org/pyRserve/manual.html

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look at the example timeSeriesNNs in our Python repository at http://terna.to.it/econophysics19/Python_examples/---
an tiny interactive example in IDLE
a=[1,2,3,4,1,2,3,4,1,2,3,4]
b=[1,2,1,2,1,2,1,2,1,2,1,2]
conn.r.a=a
conn.r.a
conn.r.b=b
conn.r('a=as.numeric(a)')
conn.r.a
```

conn.r('b=as.numeric(b)')

conn.r('cor(a,b)')

stopping Rserve (daemon) which wait for messages to be addressed to R

in Mac, use the Monitor (is in the Utility apps) and close the process Rserve-bin.so

in Linux (via terminal) find the Rserve-bin.so process number with ps x suppose that the process number is 111, finally use kill 111

in Windows find the process Rserve with Alt+Ctrl+Del go to Windows Task Manager and then in Processes stop Rserve

ANYWAY you can have the Rserve process running in memory without any problem; its consumes an irrelevant quota of CPU time.