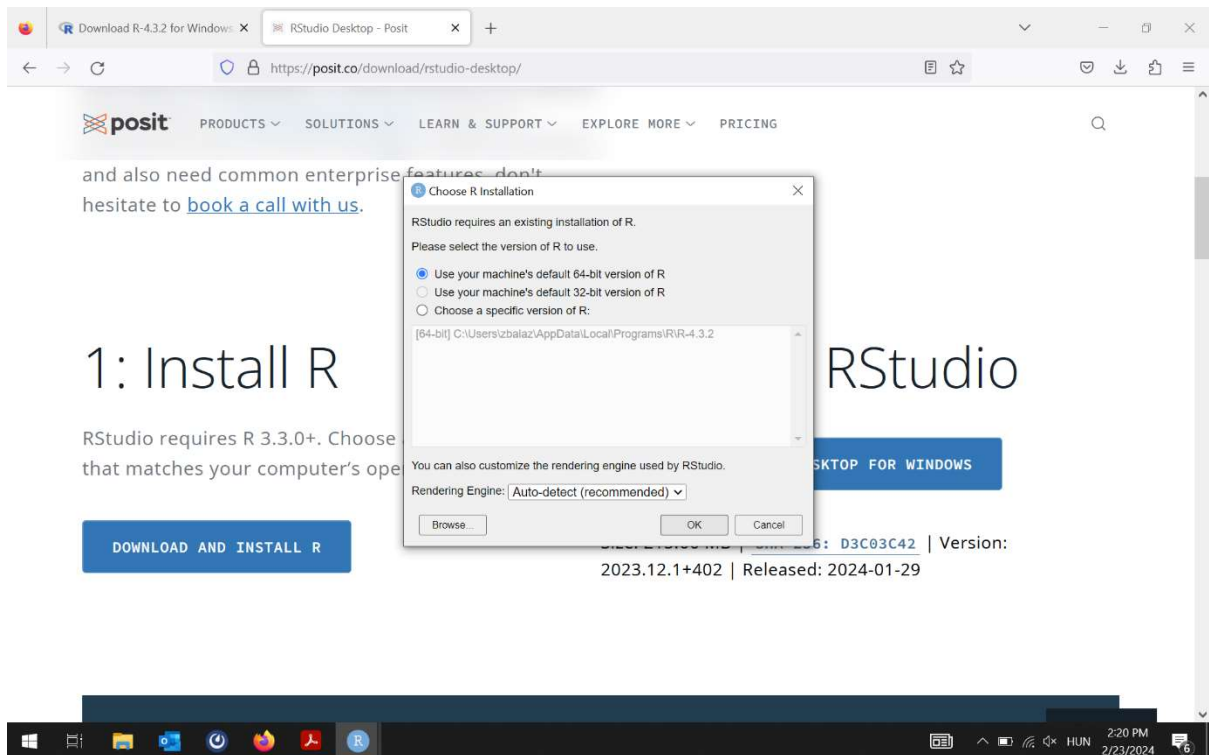


Interpreting single-cell RNA sequencing data

What to set up before the workshop:

- If you don't have Rstudio installed yet:
 1. Go to: <https://posit.co/download/rstudio-desktop/>
 2. And download and install both R and Rstudio (when installing Rstudio, you will be prompted for your admin password on a DQBM laptop)

When installing, you can always choose the default options unless you have a personal preference. After installing Rstudio, when you open it, you will be prompted the following question, click OK:



- If you have Rstudio:
 1. In the console, type:

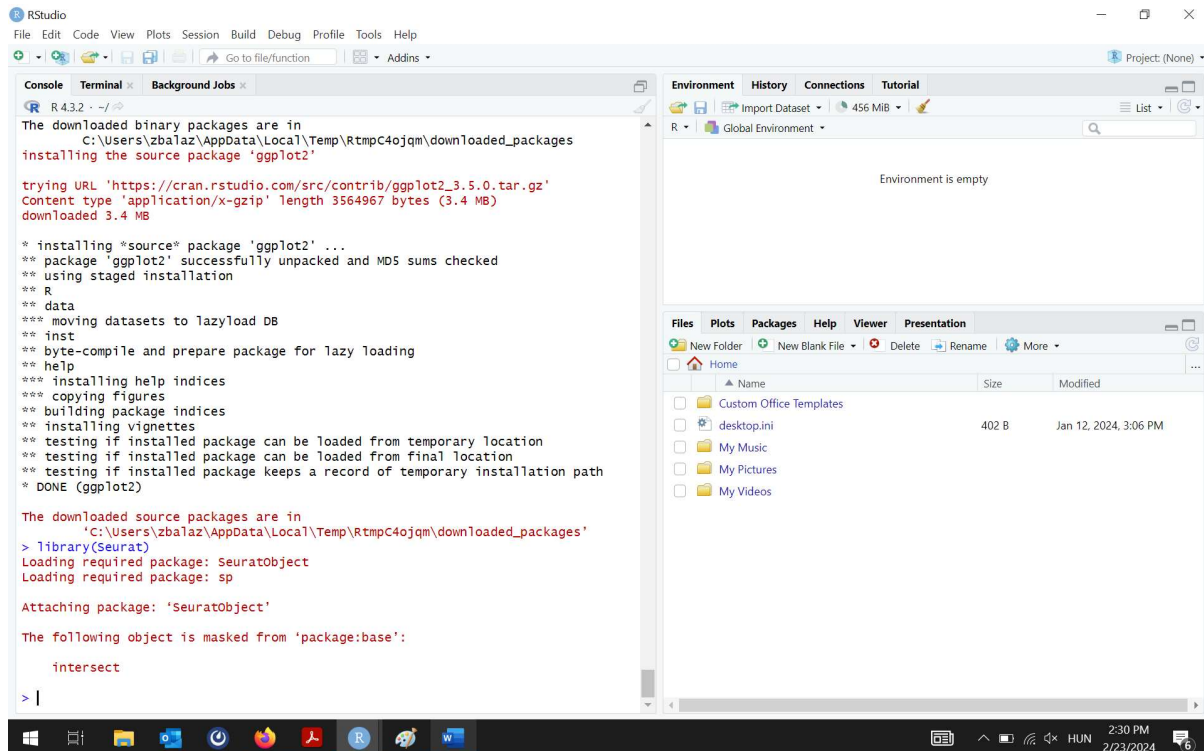
```
install.packages("Seurat") # this will not work without ""
```

This will start an installation process that will take anywhere from 2-10 minutes depending on what R packages you already have installed and how fast your connection is.

2. Once the installation finished, type:

```
library(Seurat) # this works with or without ""
```

If the installation worked, you should see something like this:



Troubleshooting:

- I don't know my admin password:
This should be the password that you got from DQBM-IT
- When installing Seurat, I am asked whether I want to update certain packages:
You can press "a" to update all packages.
- I am unable install Seurat:
If after Googling the issue, you still can't resolve the issue, feel free to reach out to me at zsolt.balazs@uzh.ch.

Looking forward to seeing you at the retreat!