

### install/update R

- download the latest version from <https://cran.r-project.org/>
- check your current version by running `R.version.string` in R Console (version 4.5. at least!)

### install/update RStudio

- download and install the latest version from <https://posit.co/downloads/>

### install git

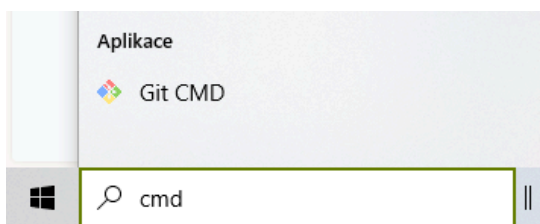
- download the latest version from <https://git-scm.com/>

### create an account on github

- go to [github.com](https://github.com) and follow the signing in instructions
- TIPS: use a professional username (or at least name in profile settings)  
use university/science institute email address (you can get access to github education with some premium features, see <https://github.com/education>)

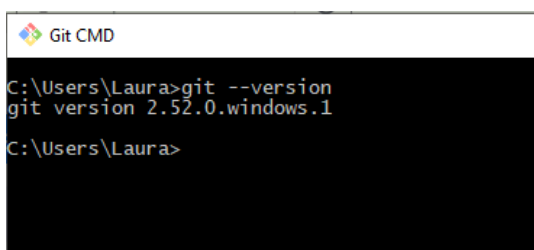
### configure git

1. open git by typing `cmd` in the windows search bar



2. check your git version by typing in the git terminal

`git --version`



3. configure git with your personal info by typing in the git terminal

`git config --global user.name "hermione granger"`

`git config --global user.email "hermione.granger@natur.cuni.cz"`

`git config --global --list`

⚠ use the same email address as the one you used for your github account ⚠

4. make sure rstudio can communicate with git by typing in the rstudio console

`usethis::usegit()` (you should get a message starting by ✓Setting active project)

- if it doesn't work you may not have the right package installed in rstudio

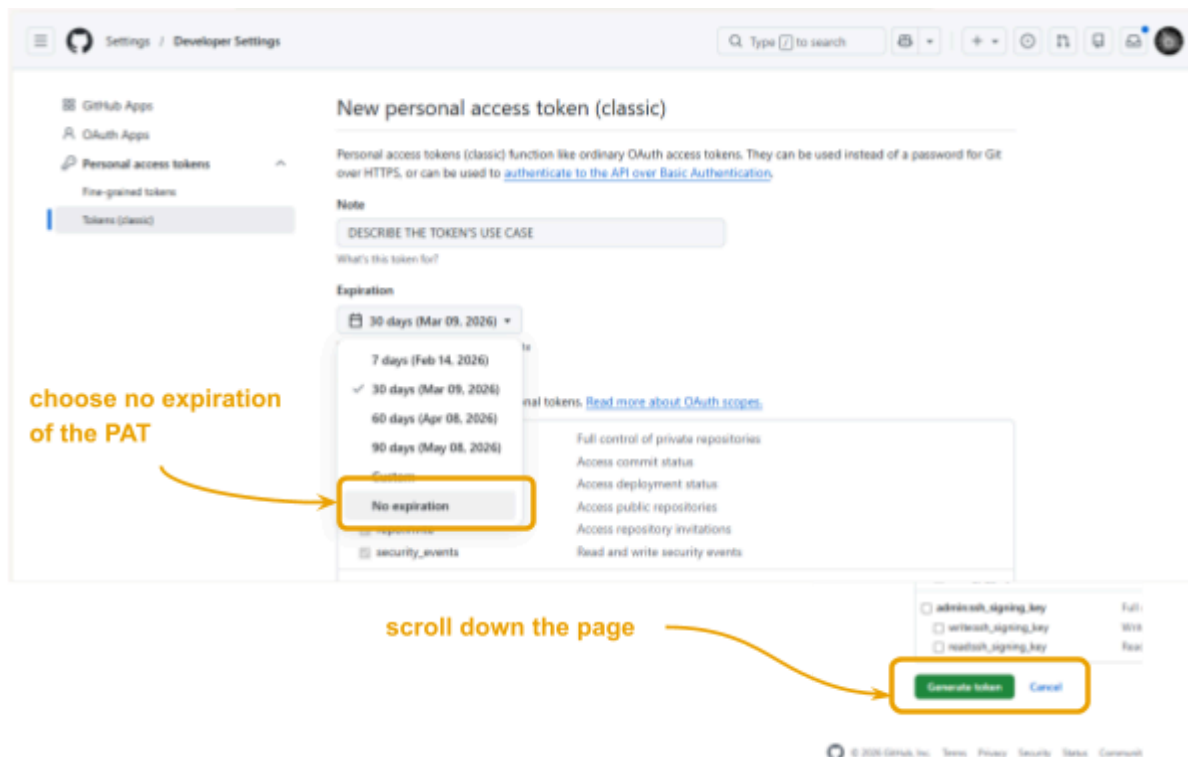
→ type `install.packages("usethis")` and try again `usethis::usegit()`

- if needed, reset your name and email by typing  
`usethis::use_git_config(user, name="Hermione Granger",  
user.email="hermione.granger@natur.cuni.cz")`

5. create your PAT (personal access token) by typing in the rstudio console

`usethis::create_github_token()`

that will automatically open github in your browser



6. copy the generated PAT to a safe place

7. add the PAT to rstudio by typing in the rstudio console

`gitcreds::gitcreds_set()`

it will ask you something in the sense "enter your password" → paste the generated PAT

8. check if the PAT is correctly set by typing in the rstudio console

`gh::gh_whoami()`

```
> gh::gh_whoami()
{
  "name": "morgane philippe",
  "login": "mo0org",
  "html_url": "https://github.com/mo0org",
  "scopes": "gist, repo, user, workflow",
  "token": "ghp_...QQ5g"
}
>
```