

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

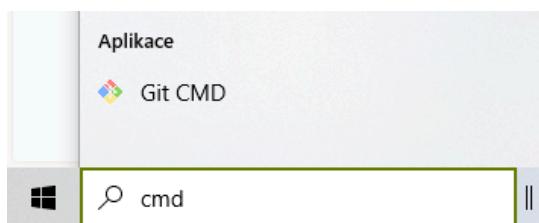
- download the latest version from <https://git-scm.com/>

create an account on github

- go to github.com 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
```

A screenshot of a terminal window titled 'Git CMD'. The window shows the command 'git --version' being run and its output: 'git version 2.52.0.windows.1'. The window has a dark background and white text. The title bar and the command line area are visible.

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()`

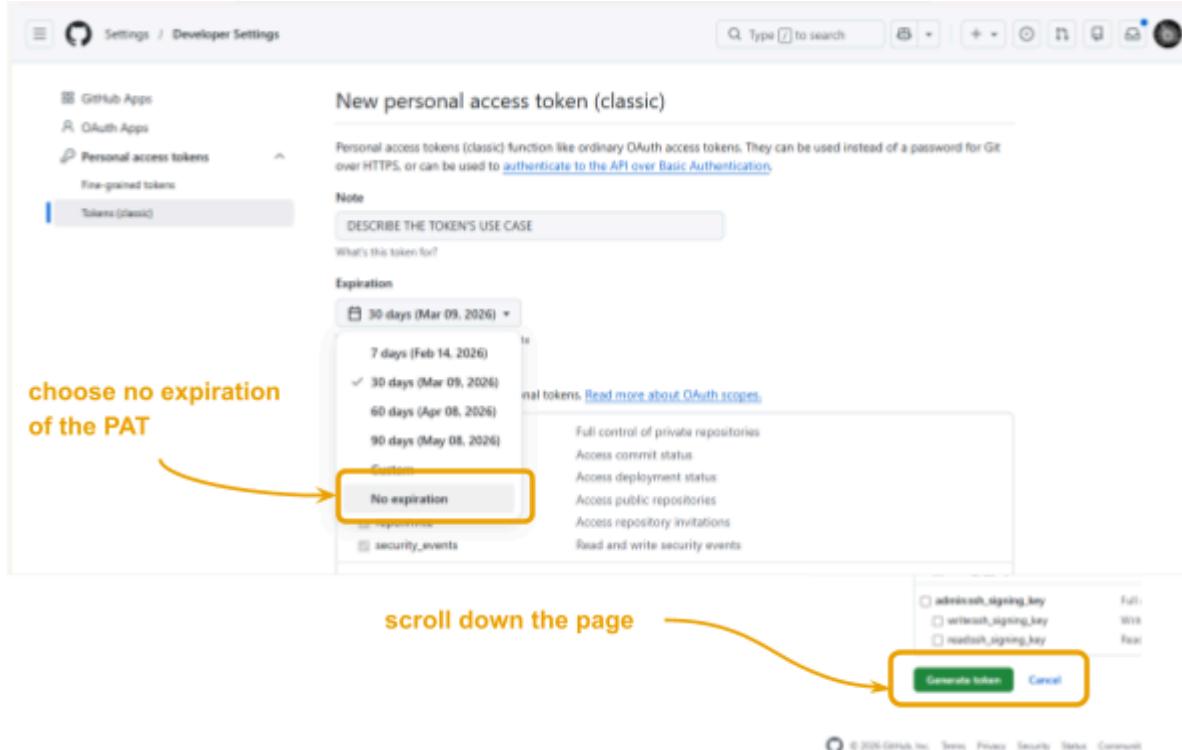
- if needed, reset your name and email by typing

```
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"
}
>
```