



HANDS ON 2



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Part 2 - GitHub repo & versioned project



1. Create a new repository on Github
2. Copy the URL of your new repository
3. Create a new project linked to your Github repo
4. Create a new script and make your first commit
5. Push your commit to your remote repository on Github





HANDS ON 2 Part 2 - GitHub repo & versioned project



1. Create a new repository on Github

- Go to github.com, click on the button  on your homepage. The button  is also available on the 'Repositories' page

Create a new repository


A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)


Owner ^{*} Repository name ^{*}

 aherbay / 

Great repository names are short and memorable. Need inspiration? How about [animated-invention?](#)


Description (optional)

 **Public**
Anyone on the internet can see this repository. You choose who can commit.

 **Private**
You choose who can see and commit to this repository.

Initialize this repository with:


Skip this step if you're importing an existing repository.

Add a README file  This is where you can write a long description for your project. [Learn more.](#)

Add .gitignore
Choose which files not to track from a list of templates. [Learn more.](#)

Choose a license
A license tells others what they can and can't do with your code. [Learn more.](#)

This will set `main` as the default branch. Change the default name in your [settings](#).



Annotations:

- Enter the repository name
- Enter a short description
- Choose whether the repo will be Public or Private
- You can add a README file to provide an extended description of the code included in the repo
- Click on 'Create repository'



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1. Create a new repository on Github


- You will get a new repository as below

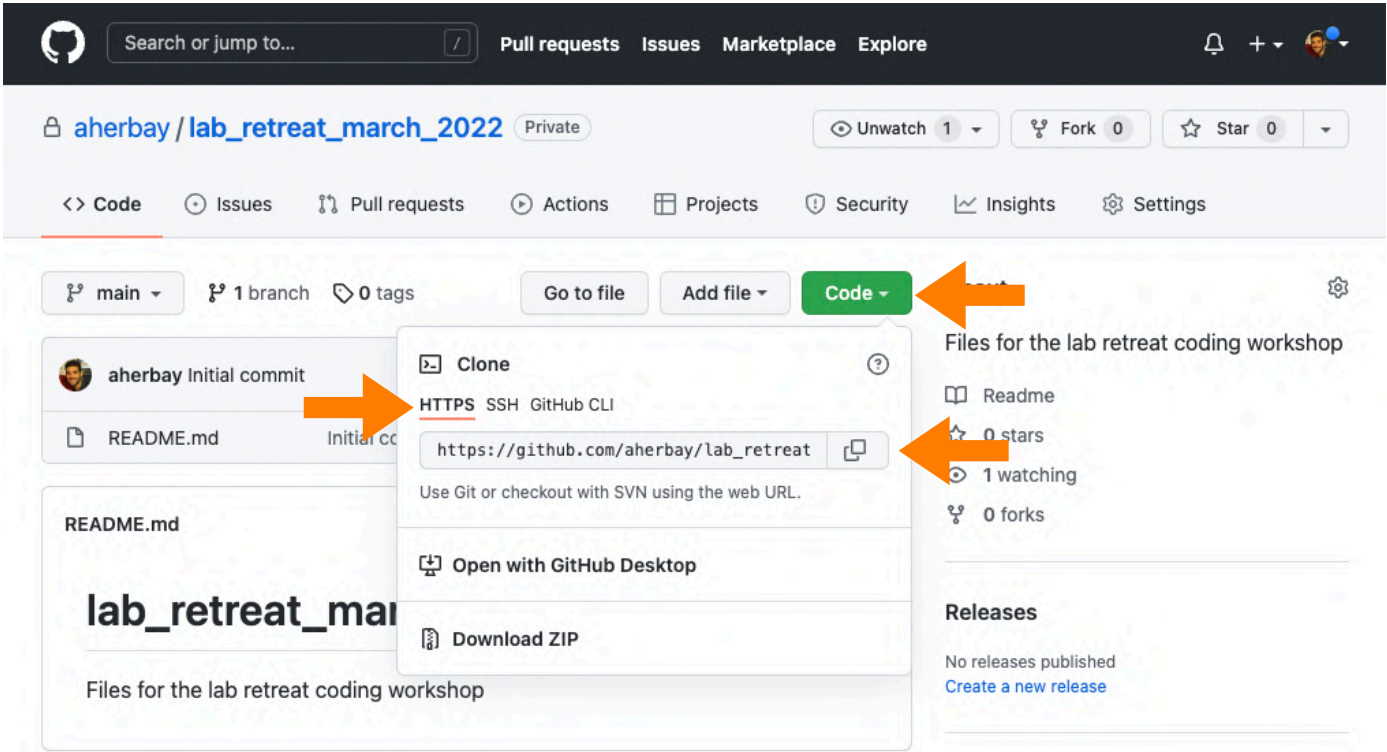
The screenshot shows the GitHub interface for a new repository. At the top, there is a search bar and navigation links for Pull requests, Issues, Marketplace, and Explore. The repository name is 'aherbay/lab_retreat_march_2022' and it is marked as 'Private'. Below the repository name, there are buttons for 'Unwatch' (1), 'Fork' (0), and 'Star' (0). A navigation bar includes links for Code, Issues, Pull requests, Actions, Projects, Security, Insights, and Settings. The main content area shows the 'main' branch with 1 branch and 0 tags. A commit by 'aherbay' is listed with the message 'Initial commit' and a timestamp of '2d09bad now'. Below the commit, a file named 'README.md' is shown with the content: 'lab_retreat_march_2022' and 'Files for the lab retreat coding workshop'. On the right side, the 'About' section displays 'Files for the lab retreat coding workshop' and statistics: 0 stars, 1 watching, and 0 forks. The 'Releases' section indicates 'No releases published' and provides a link to 'Create a new release'.



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2. Copy the URL of your new repository

- Click on the button **Code** and then on the HTTPS tab
- Copy the URL using the  button





HANDS ON 2 Part 2 - GitHub repo & versioned project


3. Create a new project linked to your Github repository

- Check the tutorial « [Create a project versioned with git](#) » in the previous slides

4. Create a new script and make your first commit

- Create a new R script named 'my_first_script.R' with a few lines of code of your choice
- Check the tutorial « [Commit & Push new changes in RStudio](#) » in the previous slides
 - Go to the 'Git' panel
 - Check the box of the column 'Staged' next to the file 'my_first_script.R'
 - Click on the button 'Commit'

5. Push your commit to your remote repository on Github

- Write a commit message
- Click on the button 'Push' 

➔ You can check that the files are uploaded in your online GitHub repository