

# Introduction to GitHub and GitHub Desktop



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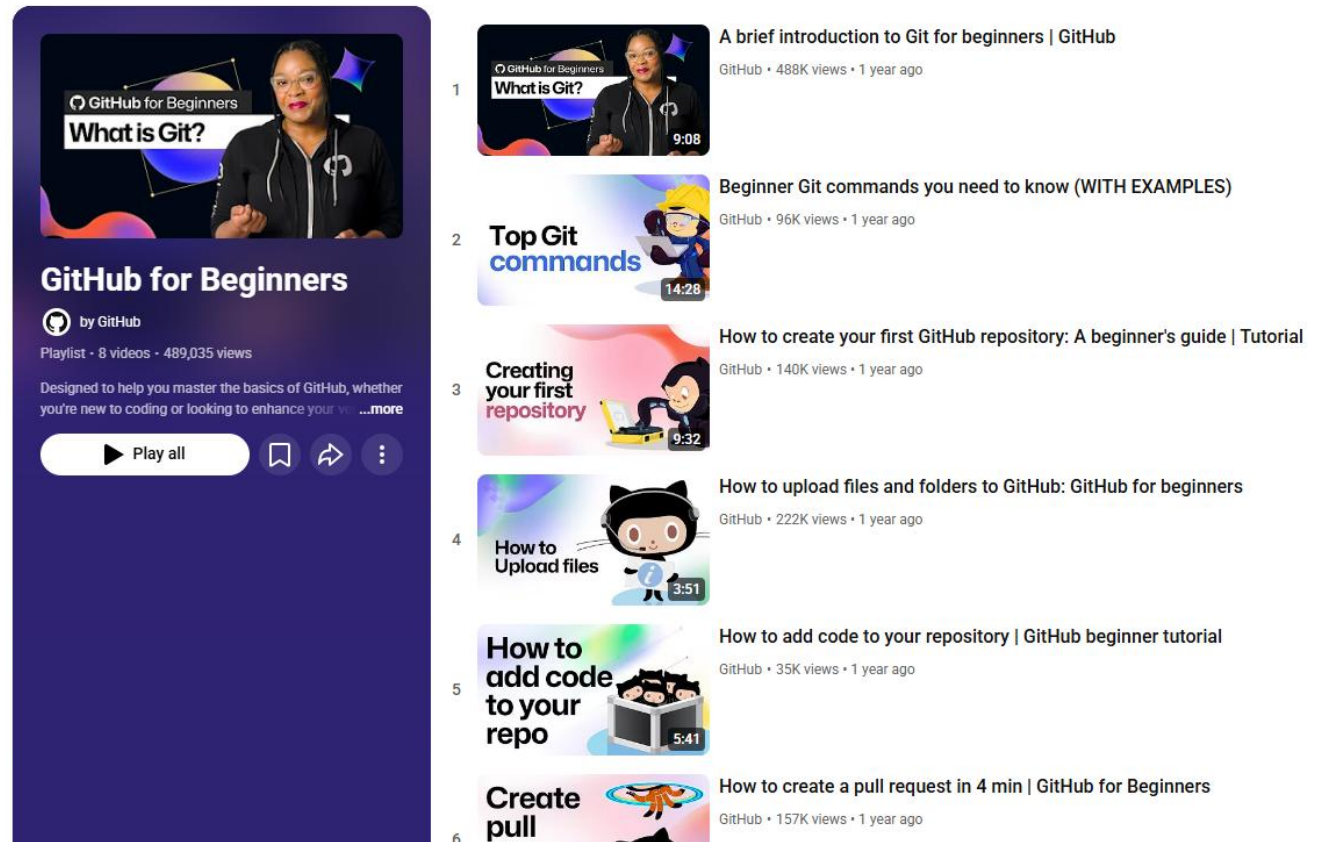
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# Online resources

<https://www.youtube.com/playlist?list=PL0lo9MOBetEFcp4SCWinBdpml9B2U25-f>



**GitHub for Beginners**  
by GitHub  
Playlist · 8 videos · 489,035 views  
Designed to help you master the basics of GitHub, whether you're new to coding or looking to enhance your skills...[more](#)

**1** **What is Git?**  
GitHub for Beginners  
9:08  
A brief introduction to Git for beginners | GitHub  
GitHub · 488K views · 1 year ago

**2** **Top Git commands**  
14:28  
Beginner Git commands you need to know (WITH EXAMPLES)  
GitHub · 96K views · 1 year ago

**3** **Creating your first repository**  
9:32  
How to create your first GitHub repository: A beginner's guide | Tutorial  
GitHub · 140K views · 1 year ago

**4** **How to Upload files**  
3:51  
How to upload files and folders to GitHub: GitHub for beginners  
GitHub · 222K views · 1 year ago

**5** **How to add code to your repository**  
5:41  
How to add code to your repository | GitHub beginner tutorial  
GitHub · 35K views · 1 year ago

**6** **Create pull**  
3:51  
How to create a pull request in 4 min | GitHub for Beginners  
GitHub · 157K views · 1 year ago



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20. OCTOBER 2020 11:00 AM - 12:00 PM

# GitHub Platform

The AI Powered Developer  
Platform to Build, Scale, and  
Deliver Secure Software



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# Vocabulary

---



**Git**

Version control system that lets developers track changes, collaborate on code, and manage revisions over time.



**GitHub**

Cloud-based platform that uses Git.



**GitHub Desktop** Graphical user interface (GUI) for using Git and interacting with repositories on GitHub

**Repository**

A place for all of your project's files and each file's revision history.



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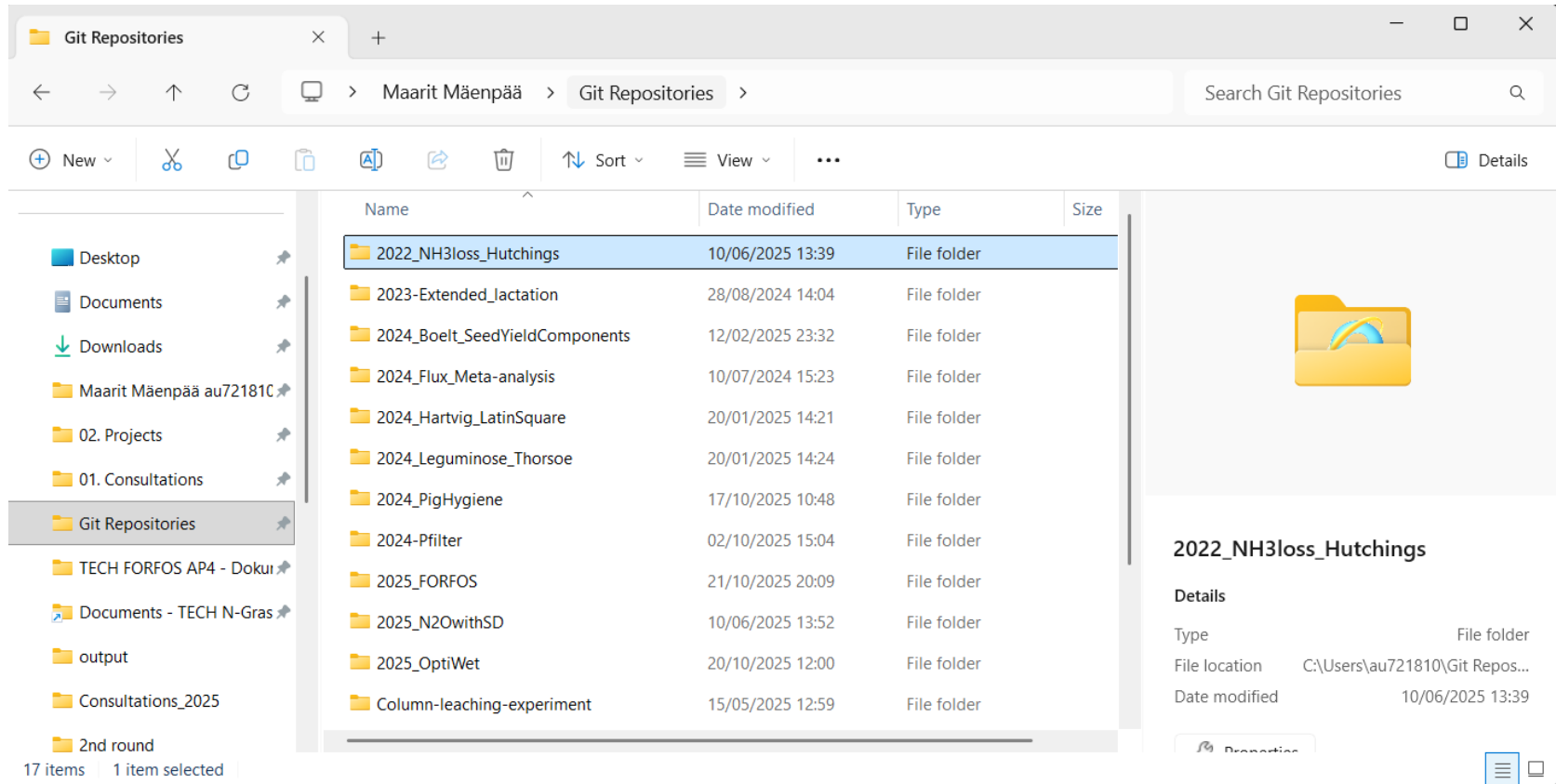
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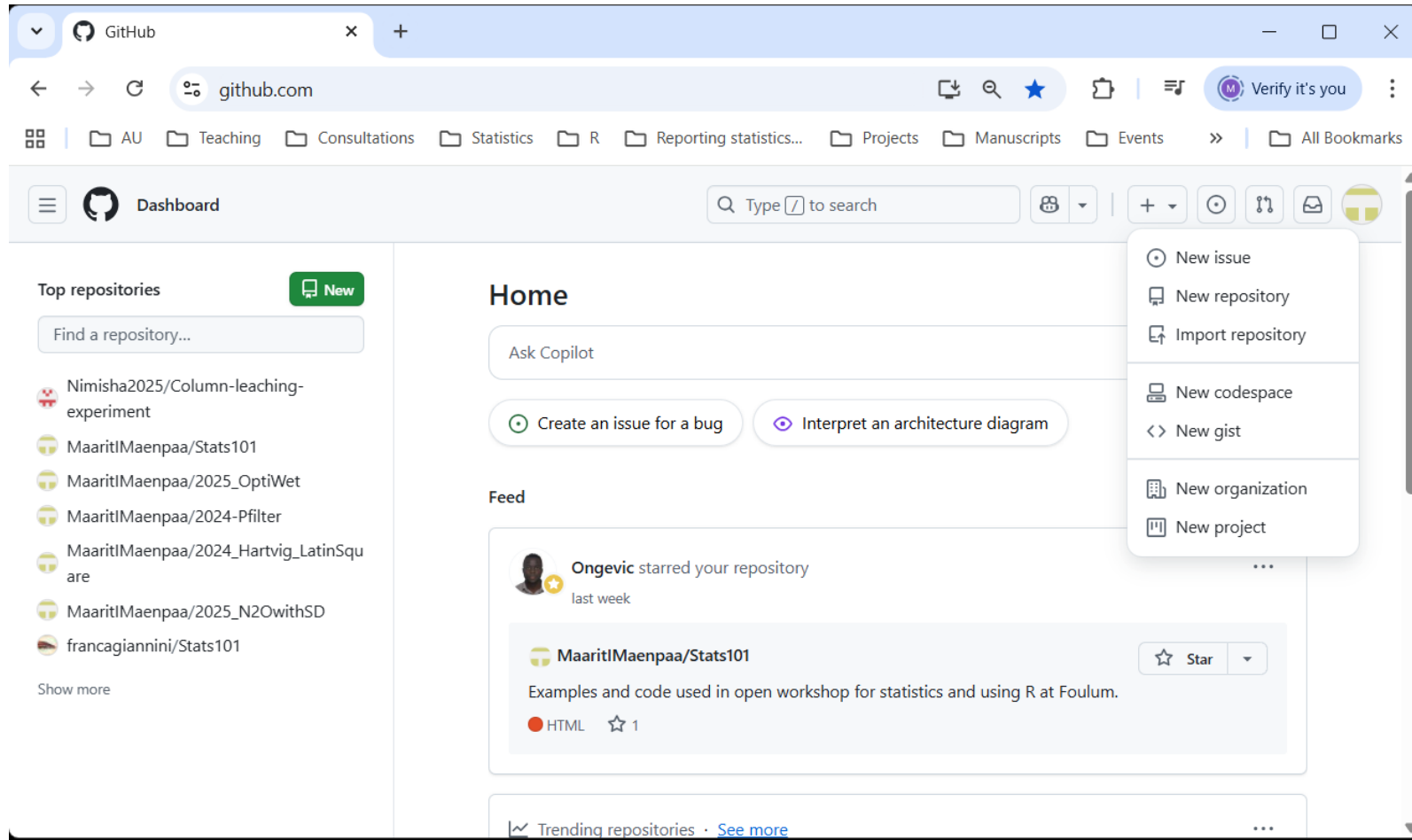


# Creating a repository

Start by creating a folder in your computer where you wish to keep local versions of all your repositories.



# Creating a repository



# Creating a repository

New repository

github.com/new

Repositories contain a project's files and version history. Have a project elsewhere? [Import a repository](#).  
Required fields are marked with an asterisk (\*).

1 General

Owner \*  
MaaritMaenpaa

Repository name \*  
GitHub\_Workshop  
✓ GitHub\_Workshop is available.

Great repository names are short and memorable. How about **vigilant-journey**?

Description  
A repository created for the workshop on basics of GitHub.  
58 / 350 characters

2 Configuration

Choose visibility \*  
Choose who can see and commit to this repository

Public

✓ 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.

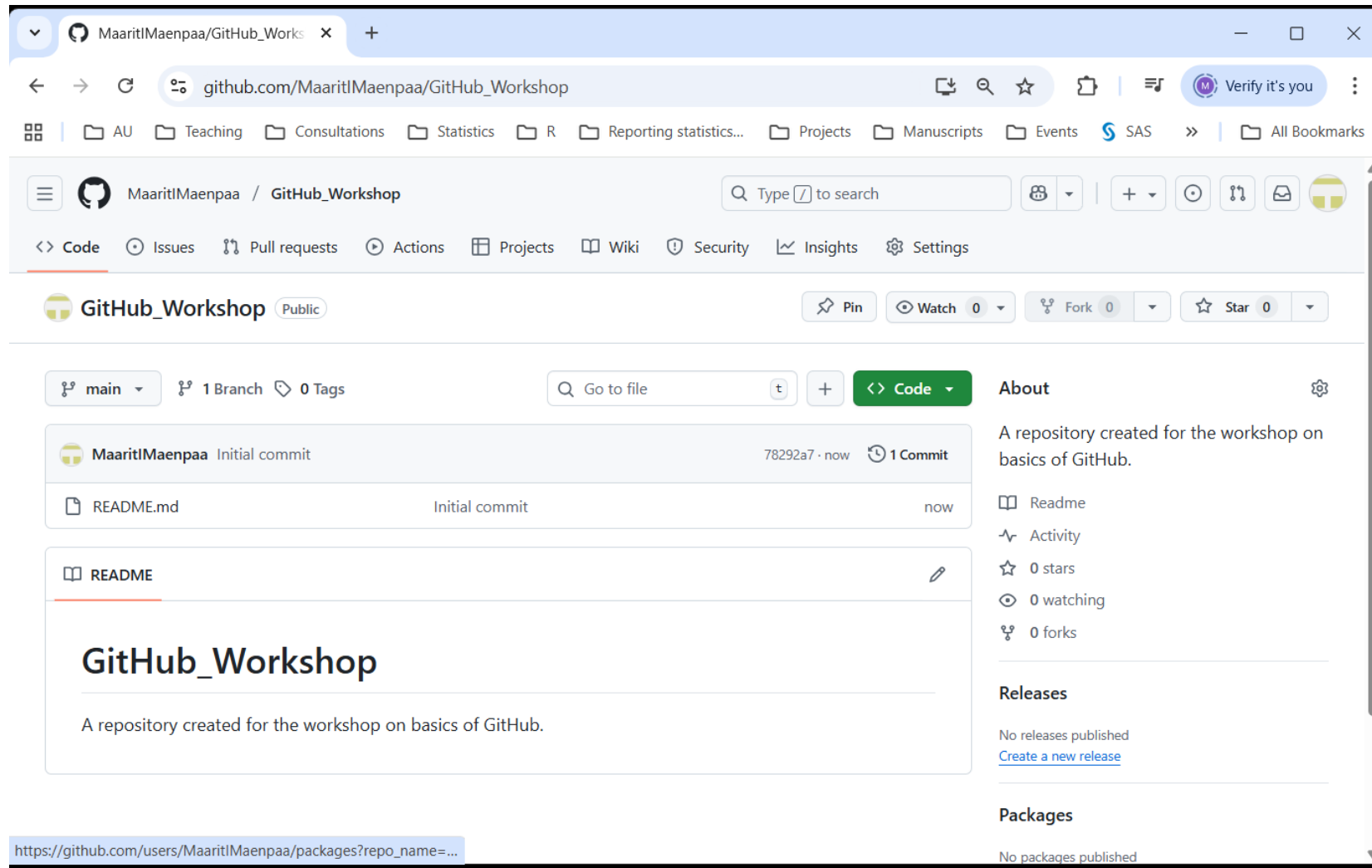
Add README  
READMEs can be used as longer descriptions. [About READMEs](#)

Add .gitignore  
.gitignore tells git which files not to track. [About ignoring files](#)

Add license  
No license



# Creating a repository





# Exercise

## 1. Create a repository



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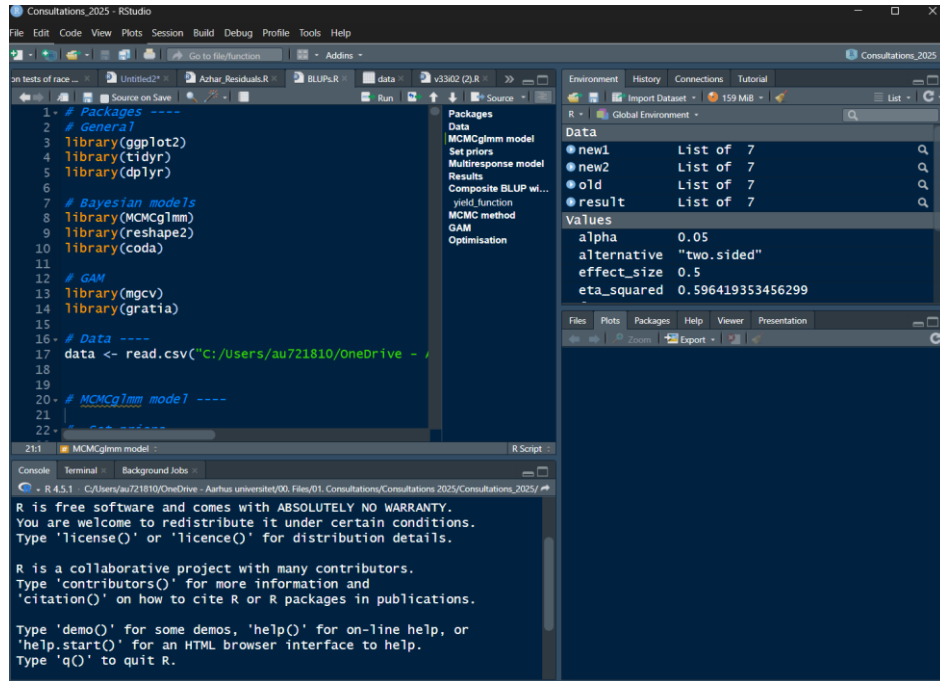
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# Working on a repository

Code stored locally



The screenshot shows the RStudio interface with the following components:

- Script Editor:** Contains R code for loading packages, reading data, and fitting an MCMCglmm model.
- Environment Pane:** Displays the current environment with variables like 'new1', 'new2', 'old', and 'result'.
- Console:** Shows the R startup message and the execution of the script.

```
1 # Packages ----
2 # General
3 library(ggplot2)
4 library(tidyverse)
5 library(dplyr)
6
7 # Bayesian models
8 library(MCMCglmm)
9 library(reshape2)
10 library(coda)
11
12 # GAM
13 library(mgcv)
14 library(gratia)
15
16 # Data ----
17 data <- read.csv("C:/Users/au721810/OneDrive - Aarhus University/Files/01_Consultations/Consultations_2025/Consultations_2025/
18
19
20 # MCMCglmm model ----
21
22 # Data ----
```

**Environment Pane:**

Variable	Value
new1	List of 7
new2	List of 7
old	List of 7
result	List of 7

**Console:**

```
R is free software and comes with ABSOLUTELY NO WARRANTY.
You are welcome to redistribute it under certain conditions.
Type 'license()' or 'licence()' for distribution details.

R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' for how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.
```



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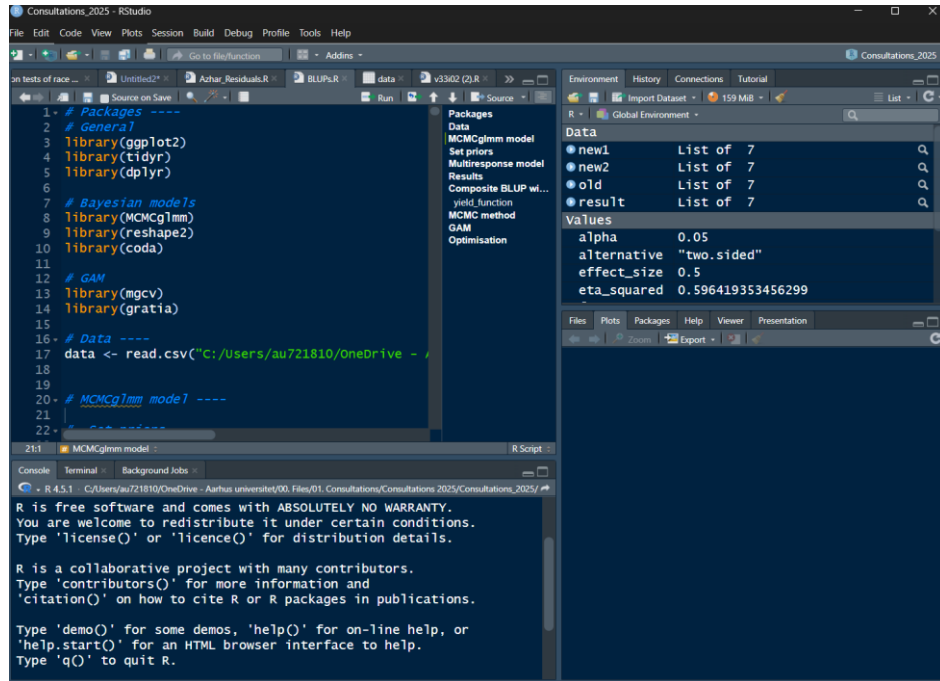
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# Working on a repository: vocabulary

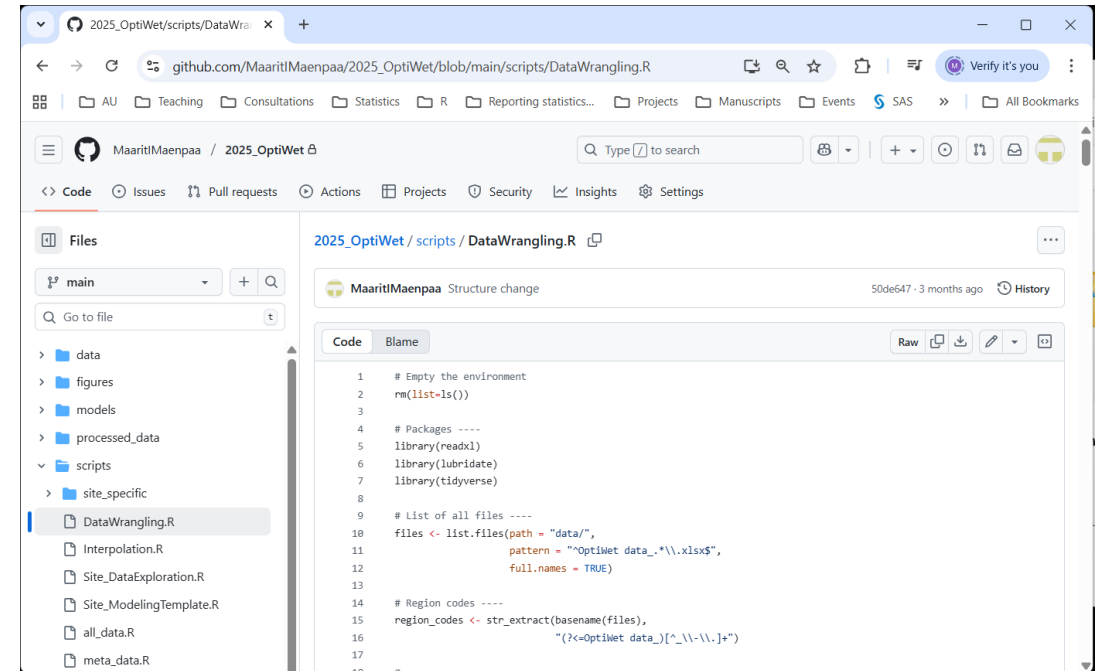
Code stored locally



```
1 # Packages ----
2 # General
3 library(ggplot2)
4 library(tidyverse)
5 library(dplyr)
6
7 # Bayesian models
8 library(MCMCglmm)
9 library(reshape2)
10 library(coda)
11
12 # GAM
13 library(mgcv)
14 library(gratia)
15
16 # Data ----
17 data <- read.csv("C:/Users/au721810/OneDrive - Aarhus University/00_Files/01_Consultations/Consultations_2025/Consultations_2025/
18
19
20 # MCMCglmm model ----
21
22 # Data ----
```

The screenshot shows the RStudio interface. The script editor on the left contains R code for loading packages (ggplot2, tidyverse, dplyr, MCMCglmm, reshape2, coda, mgcv, gratia) and reading a CSV file. The Environment pane on the right shows the loaded packages and data objects. The Console at the bottom displays the R startup message.

Code stored in the cloud (GitHub)



```
1 # Empty the environment
2 rm(list=ls())
3
4 # Packages ----
5 library(readxl)
6 library(lubridate)
7 library(tidyverse)
8
9 # List of all files ----
10 files <- list.files(path = "data/",
11                    pattern = "<OptiWet data_.*\\.xlsx$",
12                    full.names = TRUE)
13
14 # Region codes ----
15 region_codes <- str_extract(basename(files),
16                             "(?<OptiWet data_)[^\\-\\.]+)")
17
18
```

The screenshot shows a GitHub repository page for the 2025\_OptiWet repository. The file DataWrangling.R is selected, and its content is displayed. The script starts by emptying the environment, loading the necessary packages (readxl, lubridate, tidyverse), and listing files in the 'data/' directory. It then extracts region codes from the file names using a regular expression.



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## Code stored locally

The screenshot displays the RStudio environment with the following components:

- Script Editor:** Contains R code for installing and loading packages, and reading a CSV file.
 

```

1 # Packages ----
2 # General
3 library(ggplot2)
4 library(tidyrr)
5 library(dplyr)
6
7 # Bayesian models
8 library(MCMCglmm)
9 library(reshape2)
10 library(coda)
11
12 # GAM
13 library(mgcv)
14 library(gratia)
15
16 # Data ----
17 data <- read.csv("C:/Users/au721810/OneDrive - Aarhus universitet/00 Files/01. Consultations/Consultations 2025/Consultations_2025/
18
19
20 # MCMCglmm model ----
21
22 # GAM ----
      
```
- Environment Pane:** Shows the loaded packages and data.
 

Package	Version
new1	List of 7
new2	List of 7
old	List of 7
result	List of 7
- Console:** Displays the R startup message and the user's first command.
 

```

R is free software and comes with ABSOLUTELY NO WARRANTY.
You are welcome to redistribute it under certain conditions.
Type 'license()' or 'licence()' for distribution details.

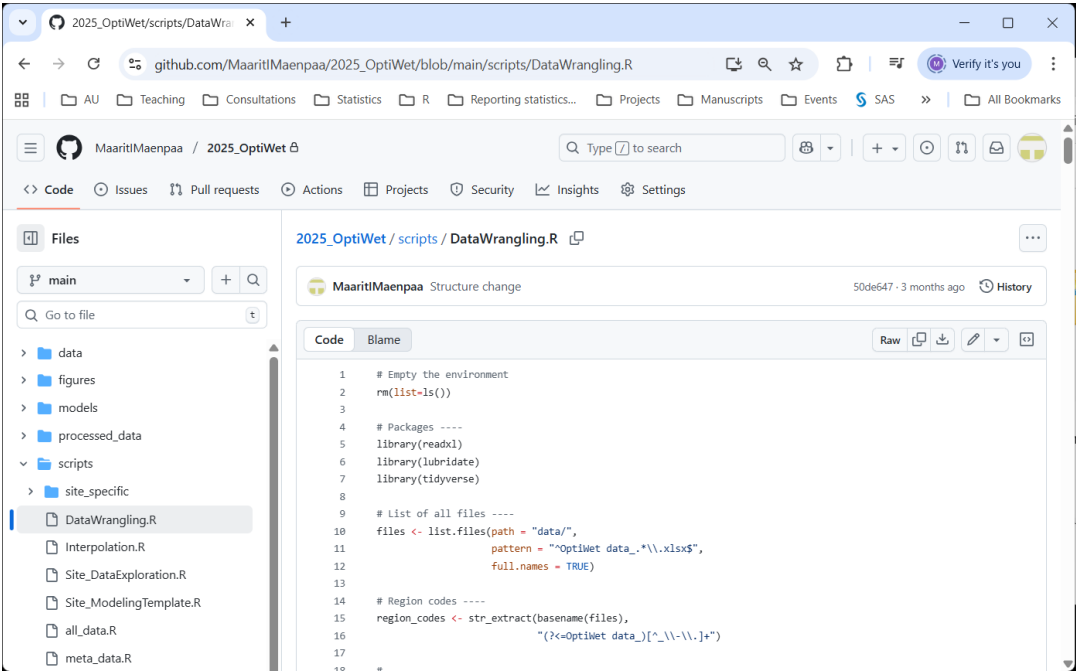
R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

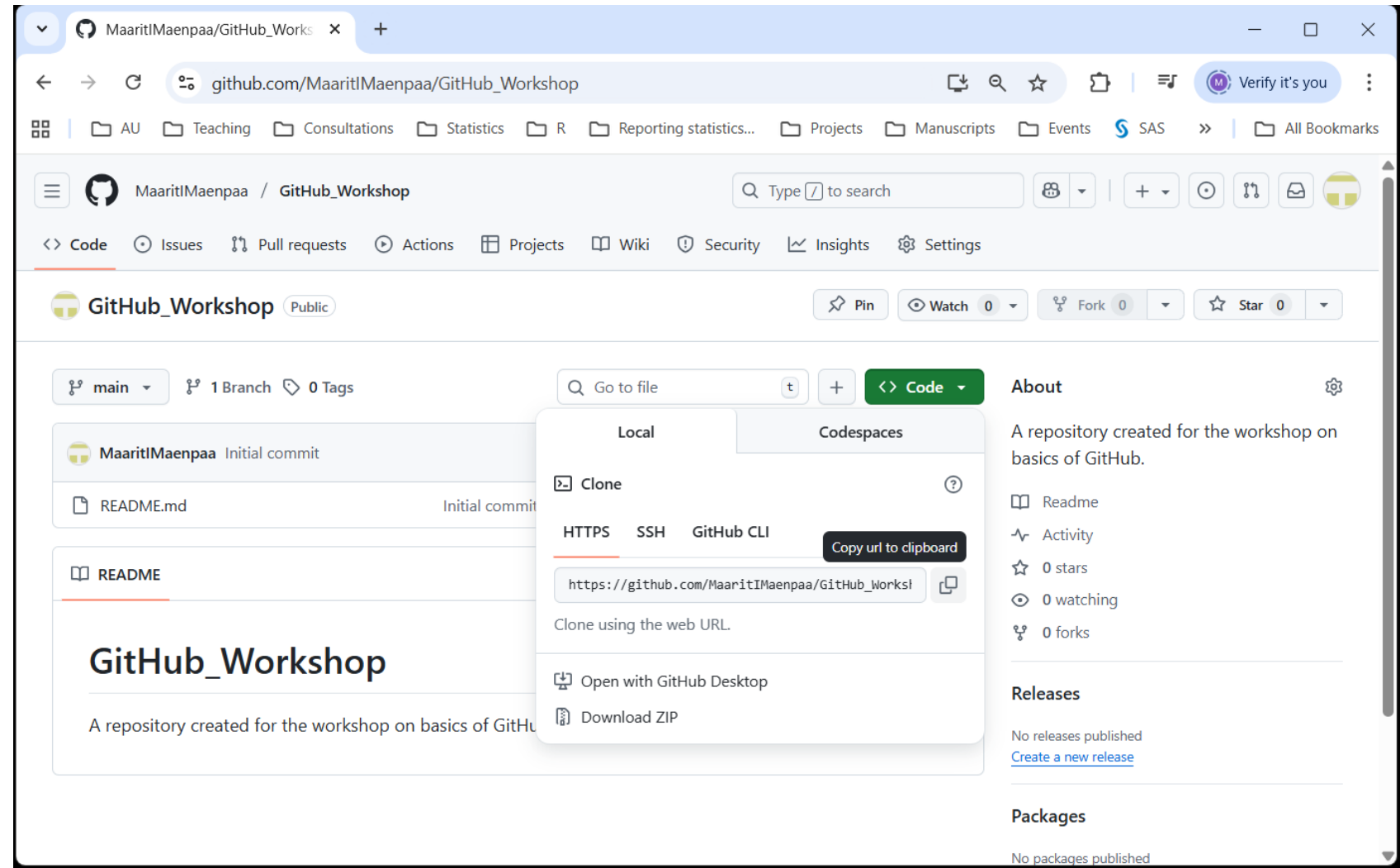
>
      
```



## Code stored in the cloud (GitHub)



# Creating a repository - cloning



# Creating a repository - cloning

The image shows a Windows PowerShell terminal window in the foreground and a web browser displaying a GitHub repository page in the background.

**Windows PowerShell Terminal:**

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\au721810> |
```

**GitHub Repository Page:**

The browser shows the repository `MaaritMaenpaa/GitHub_Workshop`. The page includes a search bar, navigation links (Actions, Projects, Wiki, Security, Insights, Settings), and repository statistics (0 stars, 0 forks, 0 watching). A "Clone" dropdown menu is open, showing options for cloning via HTTPS, SSH, or GitHub CLI. The HTTPS URL is `https://github.com/MaaritMaenpaa/GitHub_Workshop`. Other options include "Open with GitHub Desktop" and "Download ZIP".



# Creating a repository - cloning

The image shows a Windows PowerShell terminal window and a GitHub repository page. The terminal window displays the following text:

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\au721810> cd "Git Repositories"
PS C:\Users\au721810\Git Repositories> |
```

The GitHub page shows the repository 'MaaritMaenpaa/GitHub\_Workshop'. The 'Clone' button is open, showing the following options:

- Local
- Codespaces
- Clone
  - HTTPS
  - SSH
  - GitHub CLI
- Copy url to clipboard
- https://github.com/MaaritMaenpaa/GitHub\_Workshop
- Clone using the web URL.
- Open with GitHub Desktop
- Download ZIP



# Creating a repository - cloning

The image shows a Windows PowerShell terminal window and a GitHub web interface. The terminal window displays the following commands and output:

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

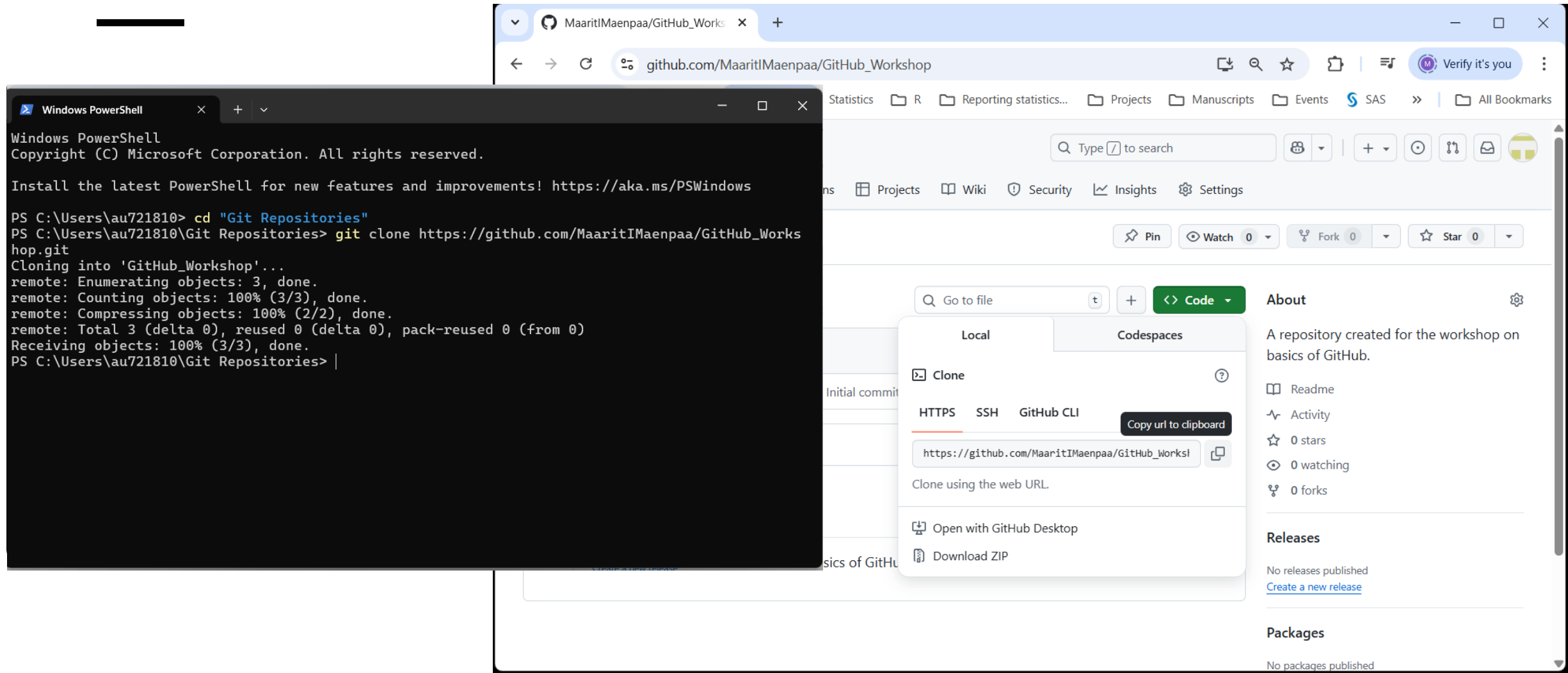
PS C:\Users\au721810> cd "Git Repositories"
PS C:\Users\au721810\Git Repositories> git clone https://github.com/MaaritMaenpaa/GitHub_Works
hop.git
```

The GitHub web interface shows the repository page for 'MaaritMaenpaa/GitHub\_Works'. The 'Clone' button is highlighted, and the 'Clone' dropdown menu is open, showing the 'HTTPS' option selected. The URL 'https://github.com/MaaritMaenpaa/GitHub\_Works' is displayed in the input field. The 'About' section on the right indicates that the repository was created for the workshop on basics of GitHub.





# Creating a repository - cloning



The image shows a Windows PowerShell terminal window in the foreground and a web browser window in the background. The terminal window displays the following commands and output:

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\au721810> cd "Git Repositories"
PS C:\Users\au721810\Git Repositories> git clone https://github.com/MaaritIMaenpaa/GitHub_Works
hop.git
Cloning into 'GitHub_Workshop'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.
PS C:\Users\au721810\Git Repositories> |
```

The web browser window shows the GitHub repository page for `MaaritIMaenpaa/GitHub_Workshop`. A dropdown menu is open, showing options to clone the repository. The "Local" tab is selected, and the "Clone" option is chosen. The dropdown shows the following options:

- Local
- Codespaces
- Clone (selected)
- HTTPS (selected)
- SSH
- GitHub CLI
- Copy url to clipboard
- https://github.com/MaaritIMaenpaa/GitHub\_Works! (with a copy icon)
- Clone using the web URL.
- Open with GitHub Desktop
- Download ZIP

The background of the web browser shows the repository's README, which states: "A repository created for the workshop on basics of GitHub." It also shows statistics: 0 stars, 0 watching, and 0 forks. There are no releases or packages published.



# Creating a repository - cloning

The screenshot illustrates the process of cloning a GitHub repository. It features three overlapping windows:

- Windows PowerShell:** Shows the command prompt with the following text:

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

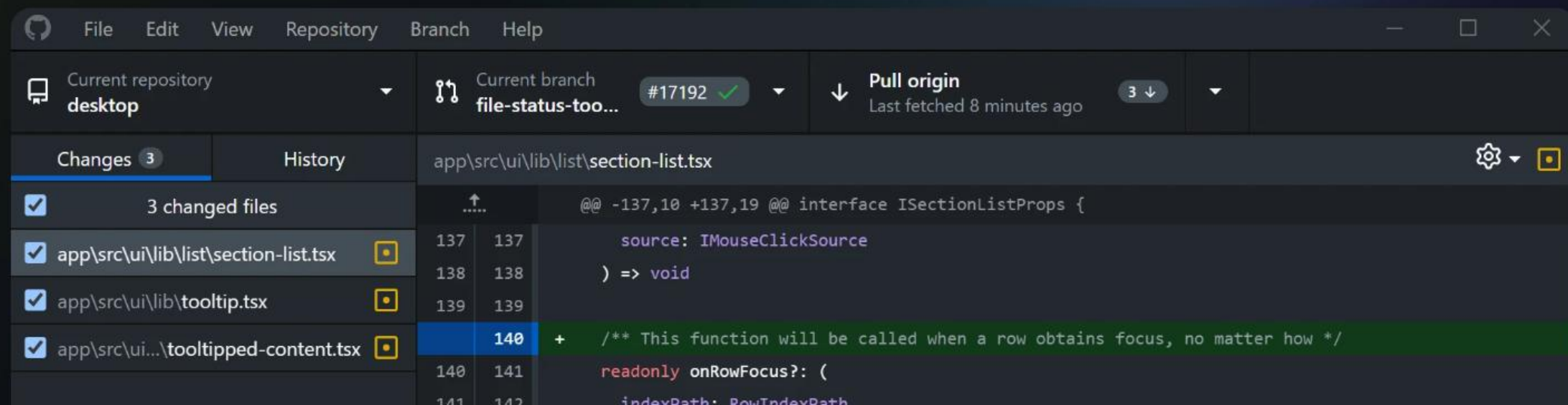
Install the latest PowerShell
PS C:\Users\au721810> cd "Git
PS C:\Users\au721810\Git Repo
hop.git
Cloning into 'GitHub_Workshop
remote: Enumerating objects:
remote: Counting objects: 100
remote: Compressing objects:
remote: Total 3 (delta 0), re
Receiving objects: 100% (3/3)
PS C:\Users\au721810\Git Repo
```
- File Explorer:** Displays the 'Git Repositories' folder. The left sidebar shows the folder structure, and the main pane lists 17 items, including folders like '2024\_Flux\_Meta-analysis', '2024\_Hartvig\_LatinSquare', '2024\_Leguminose\_Thorsoe', '2024\_PigHygiene', '2024\_Pfilter', '2025\_FORFOS', '2025\_N2OwithSD', '2025\_OptiWet', 'Column-leaching-experiment', 'GitHub\_Workshop' (highlighted), 'MS3---Straw-Tillage-NO3-Yield', 'N-Grass-Private', 'PrecipCorrections', and 'Stats101'.
- GitHub Web Interface:** Shows the repository page for 'MaaritMaenpaa/GitHub\_Workshop'. The page includes a search bar, a 'Type to search' input, and a 'Git Repositories (17 items)' section with a message: 'Select a single file to get more information and share your cloud content.'

GitHub Desktop

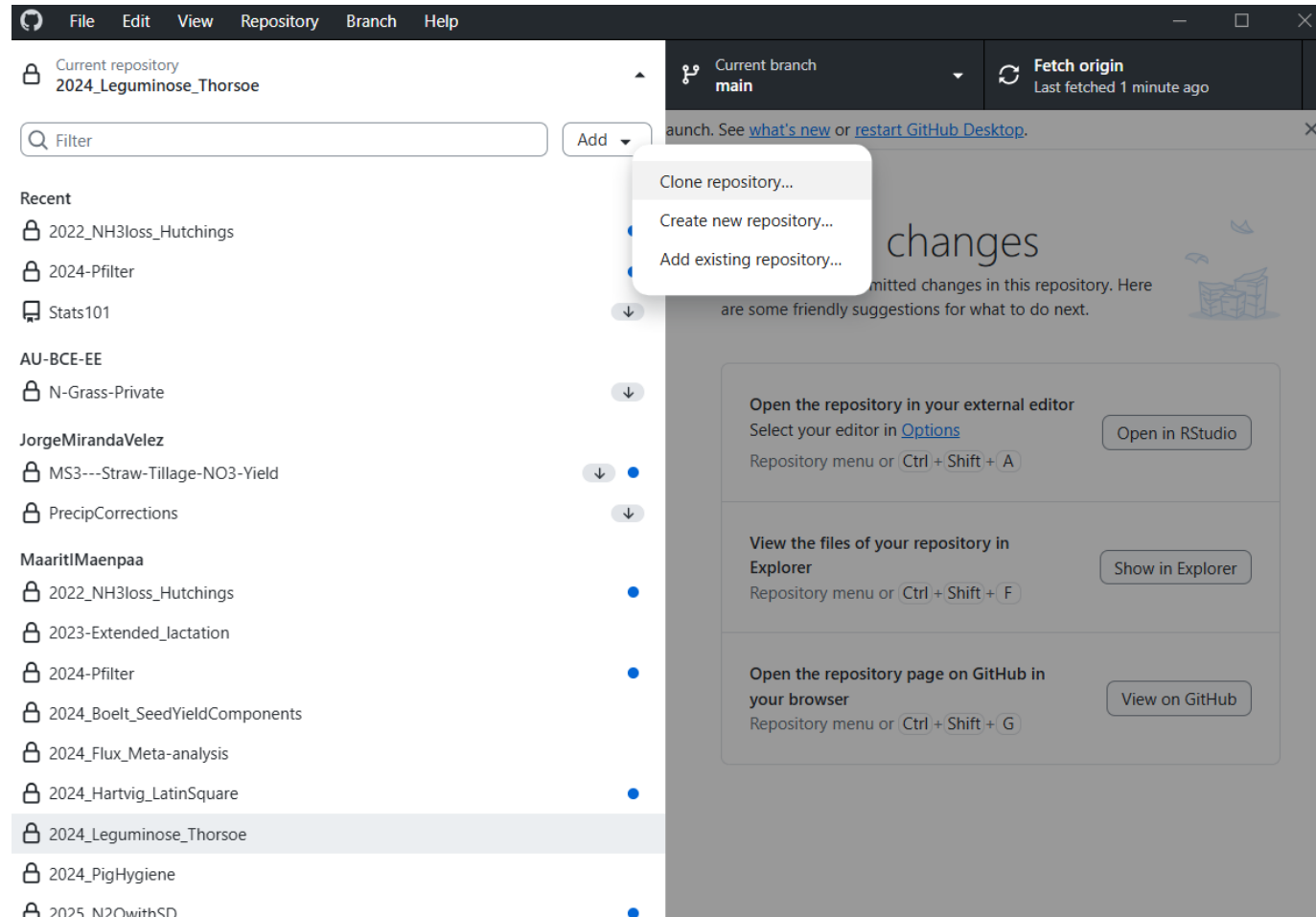
# Experience Git without the struggle

Whether you're new to Git or a seasoned user, GitHub Desktop simplifies your development workflow.

Download now



# Creating a repository - cloning



# Exercise

1. Create a repository
2. Clone the repository



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\_\_\_\_\_

The screenshot displays the RStudio environment with the following components:

- Script Editor:** Contains R code for loading packages, data, and fitting a model.
 

```

1 # Packages ----
2 # General
3 library(ggplot2)
4 library(tidyR)
5 library(dp1yr)
6
7 # Bayesian models
8 library(MCMCg1mm)
9 library(reshape2)
10 library(coda)
11
12 # GCM
13 library(mcmc)
14 library(gratia)
15
16 # Data ----
17 data <- read.csv("C:/Users/au721810/OneDrive - 
18 
19 
20 # MCMCg1mm model ----
21 
22 # Get ----
      
```
- Environment Pane:** Shows the loaded packages and data.
 

Package	Data
new1	List of 7
new2	List of 7
old	List of 7
result	List of 7
- Console:** Displays the R version and license information.
 

```

R 4.5.1
R is free software and comes with ABSOLUTELY NO WARRANTY.
You are welcome to redistribute it under certain conditions.
Type 'license()' or 'licence()' for distribution details.

R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.

Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.
      
```

The screenshot displays a web browser window at the URL [github.com/MaaritMaenpaa/2025\\_OptiWet/blob/main/scripts/DataWrangling.R](https://github.com/MaaritMaenpaa/2025_OptiWet/blob/main/scripts/DataWrangling.R). The repository name "MaaritMaenpaa / 2025\_OptiWet" is visible at the top. On the left sidebar, the file tree shows the following structure:

- main (selected)
- Go to file
- data
- figures
- models
- processed\_data
- scripts (expanded)
  - DataWrangling.R (selected)
- site\_specific
  - Interpolation.R
  - Site\_DataExploration.R
  - Site\_ModelingTemplate.R
  - all\_data.R
  - meta\_data.R

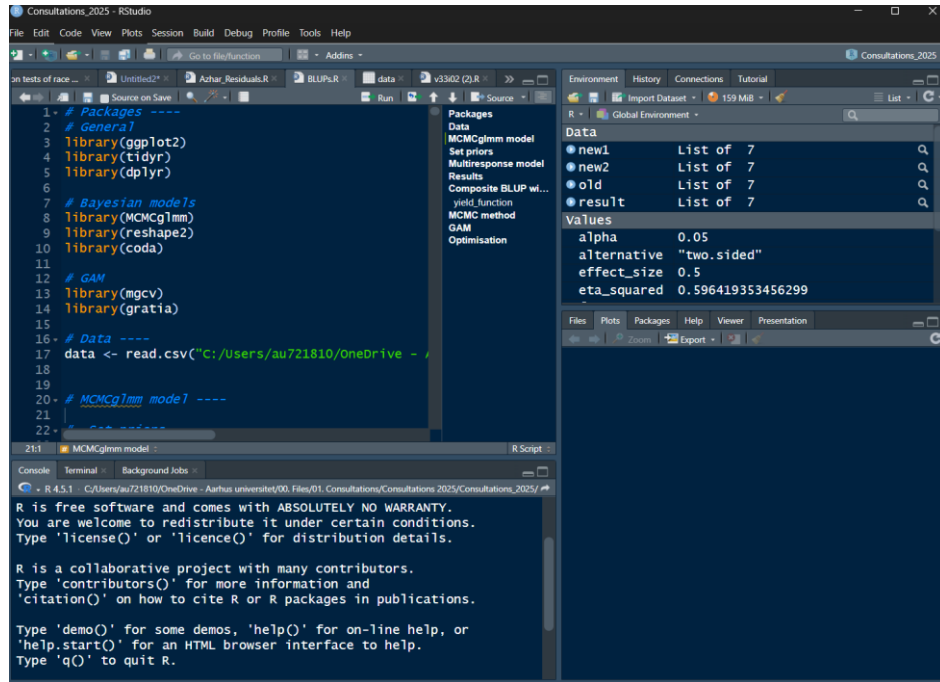
The main content area shows the title "2025\_OptiWet / scripts / DataWrangling.R". Below it, the user "MaaritMaenpaa" is listed with a commit hash "50de647 · 3 months ago" and a link to "History". The file type is set to "Code". The R code in the editor is as follows:

```
1 # Empty the environment
2 rm(list=ls())
3
4 # Packages ----
5 library(readxl)
6 library(lubridate)
7 library(tidyverse)
8
9 # List of all files ----
10 files <- list.files(path = "data/",
11                    pattern = "~OptiWet data_.*\\.xlsx$",
12                    full.names = TRUE)
13
14 # Region codes ----
15 region_codes <- str_extract(basename(files),
16                             "(?<OptiWet data_)^[^\\-\\.]+")
17
18 "
```

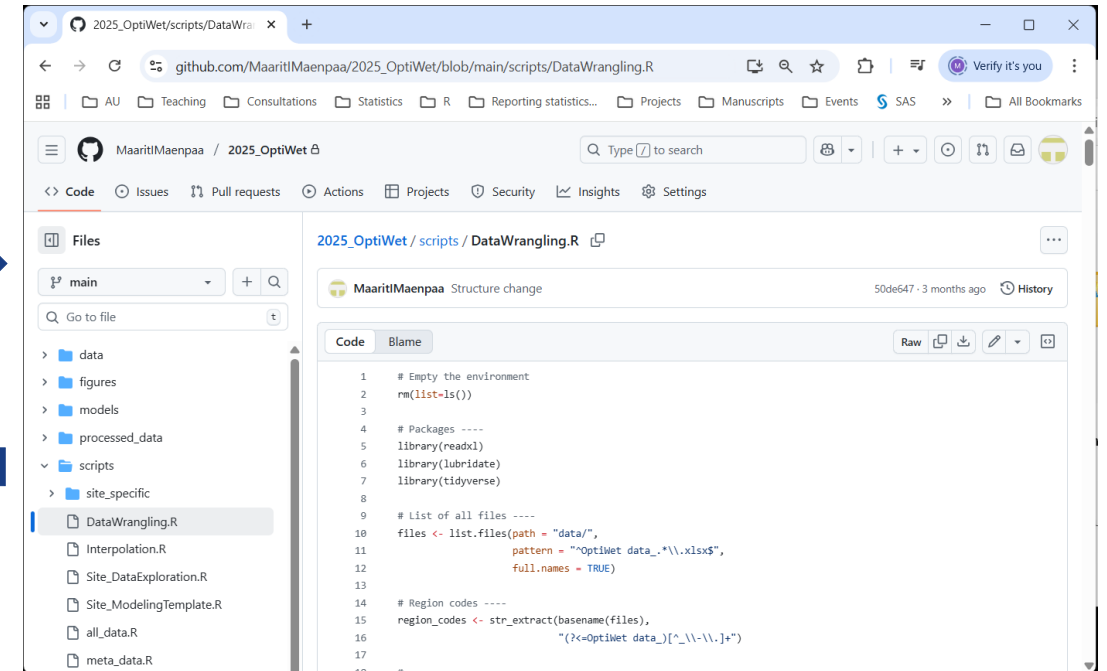


# Working on a repository: vocabulary

Code stored locally



Code stored in the cloud (GitHub)



Fetch

Push

Pull



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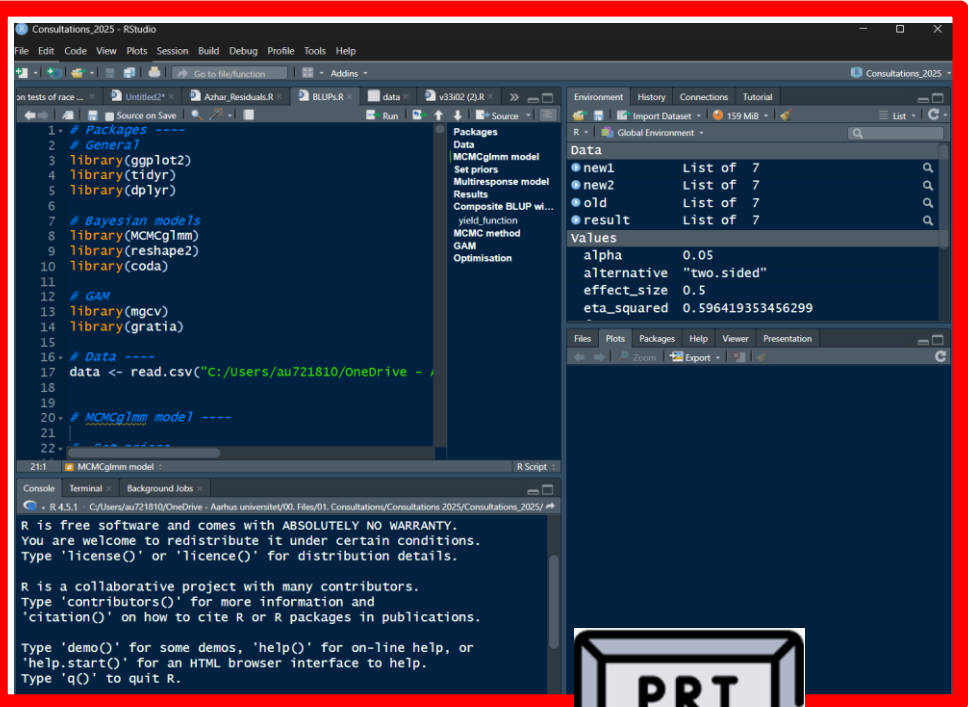
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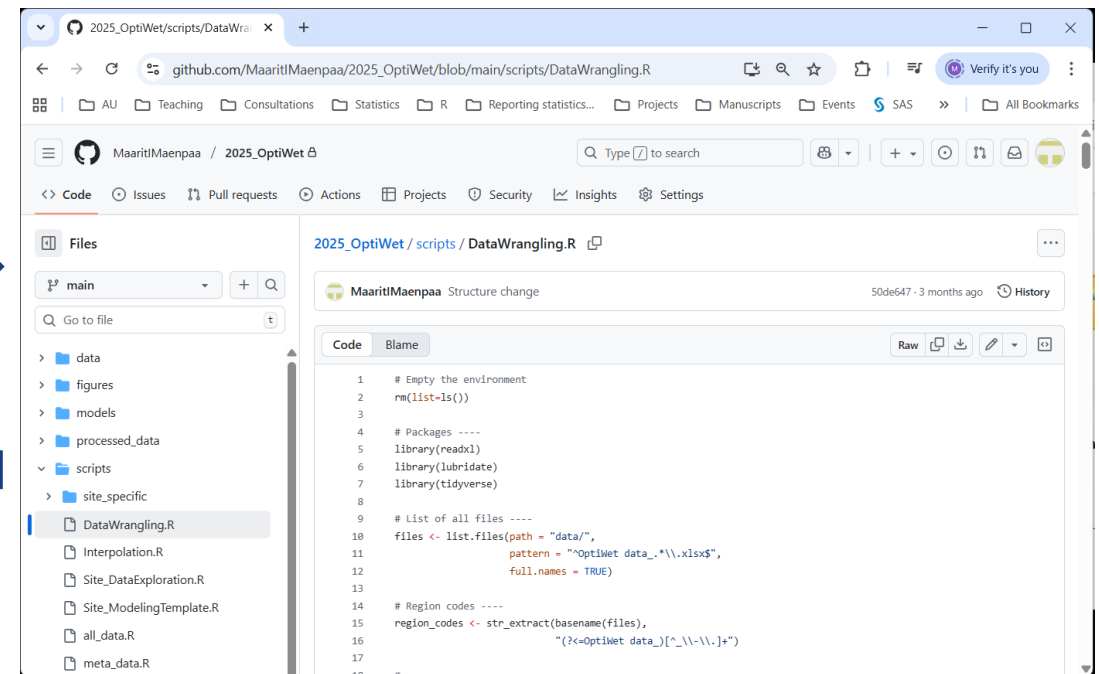
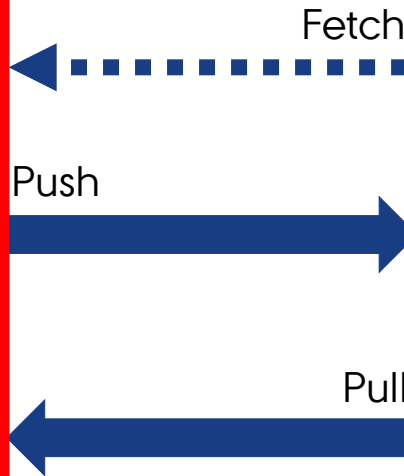
# Working on a repository: vocabulary

Code stored locally

Code stored in the cloud (GitHub)



Commit

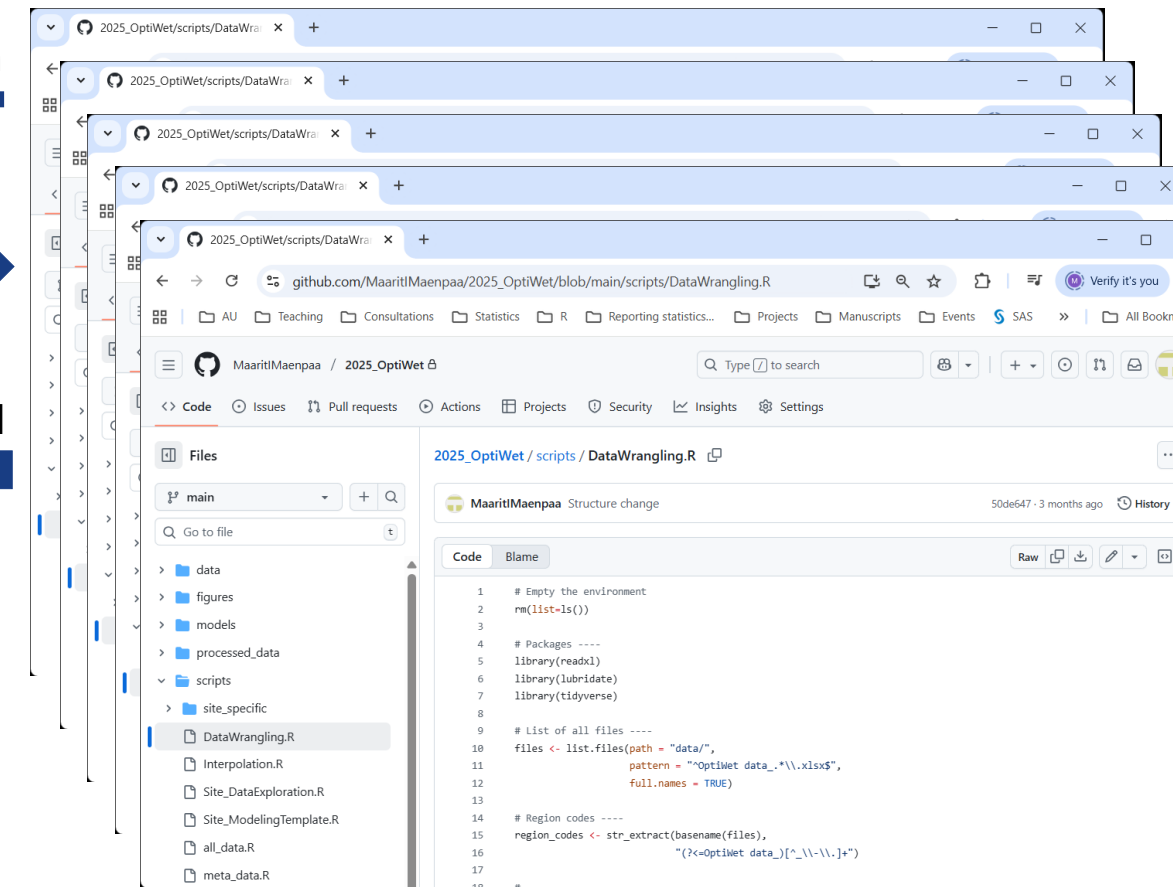
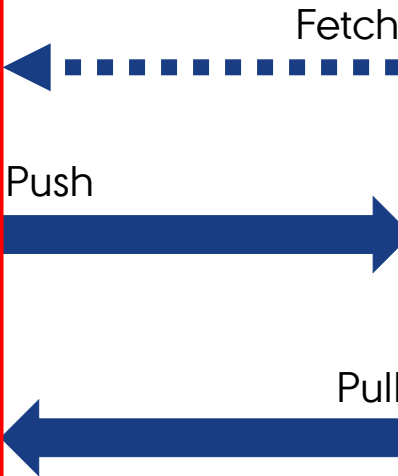
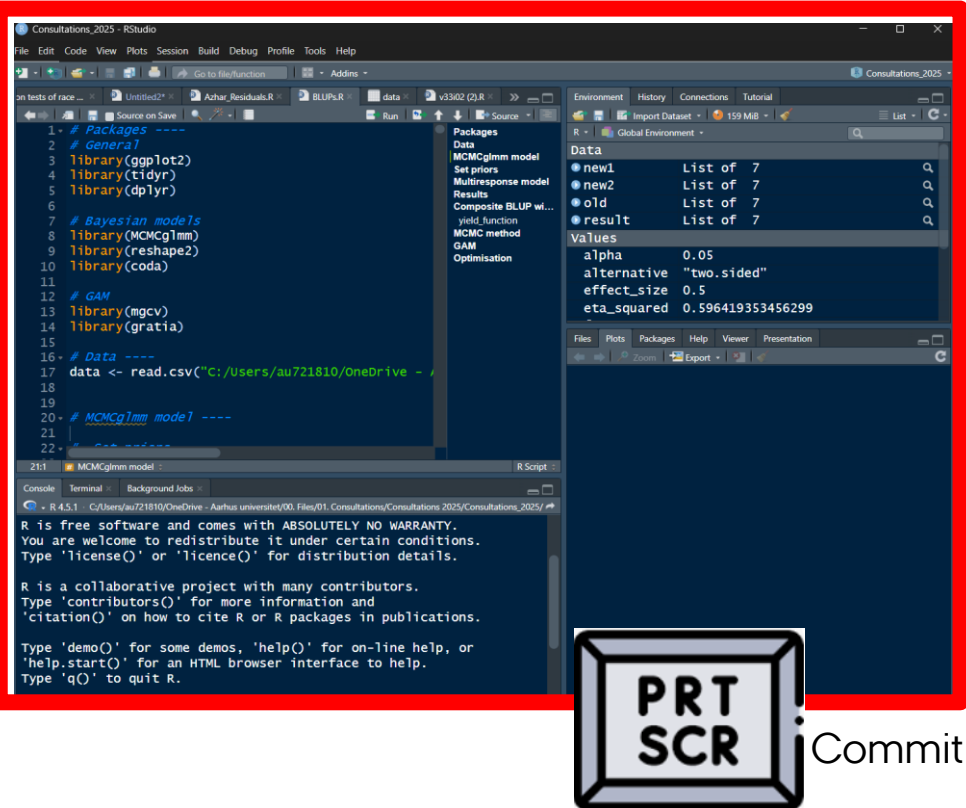




# Working on a repository: vocabulary

Code stored locally

Code stored in the cloud (GitHub)



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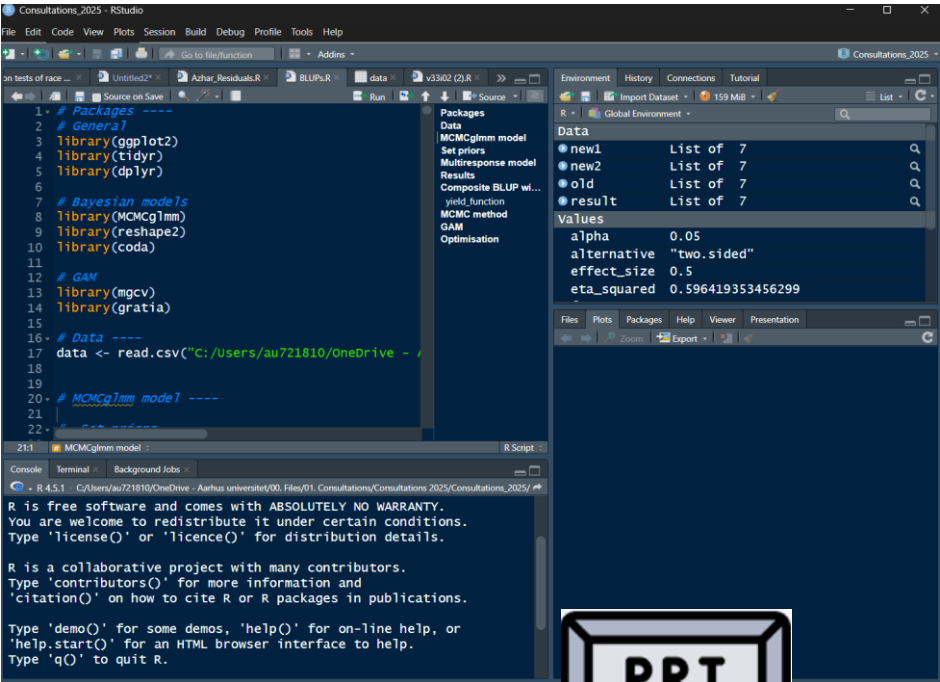
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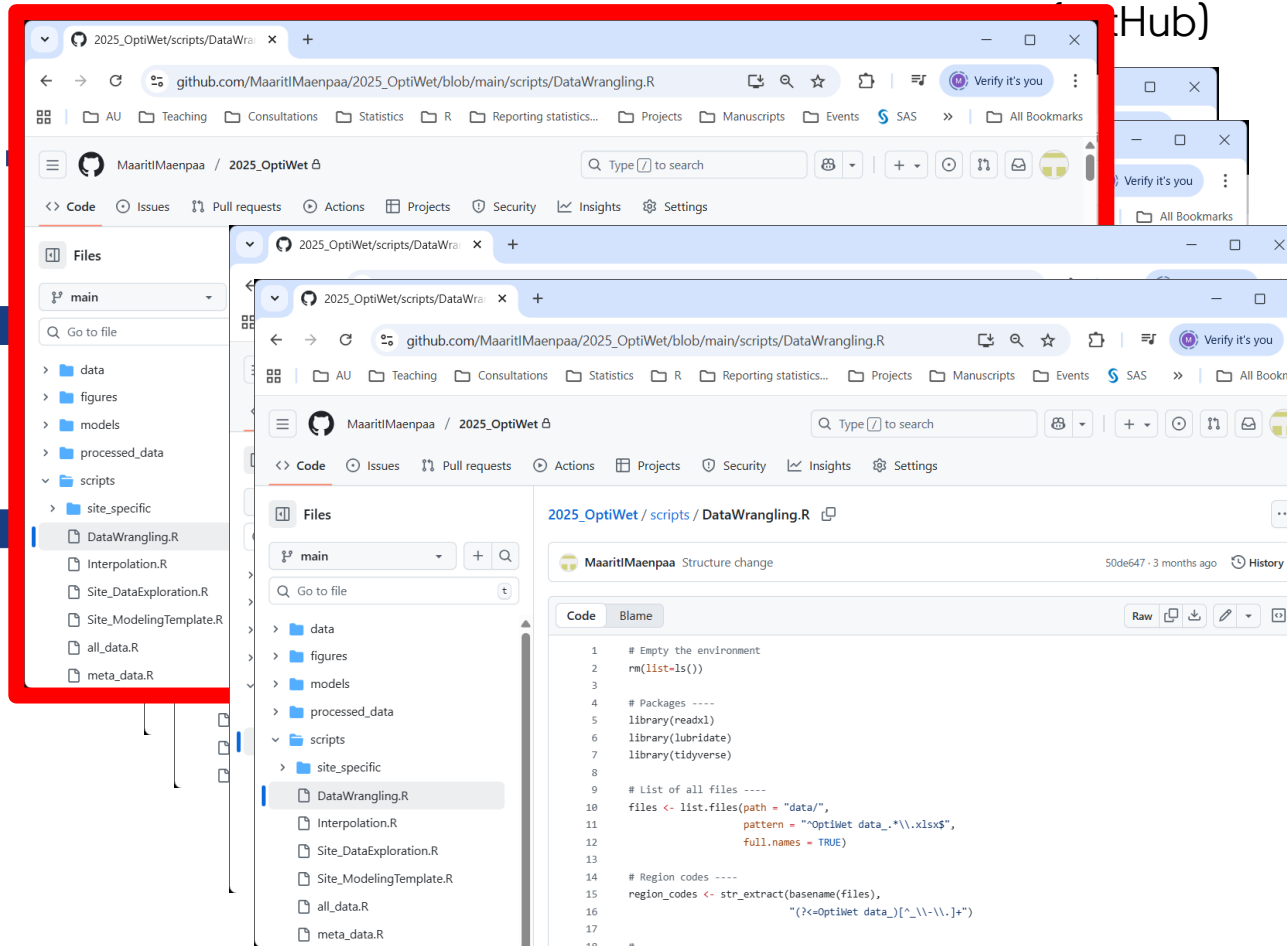
# Working on a repository: vocabulary

Code stored locally



Commit

Push



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# Vocabulary

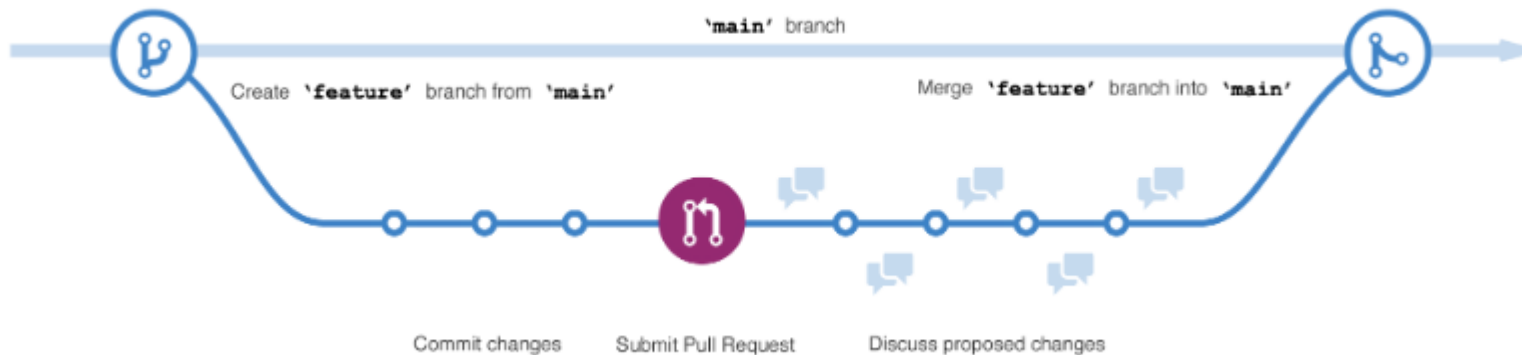
---

## Branch

A version of your project where you take a different path from the main path. You can separately work on changes without affecting the main branch.

## Merge

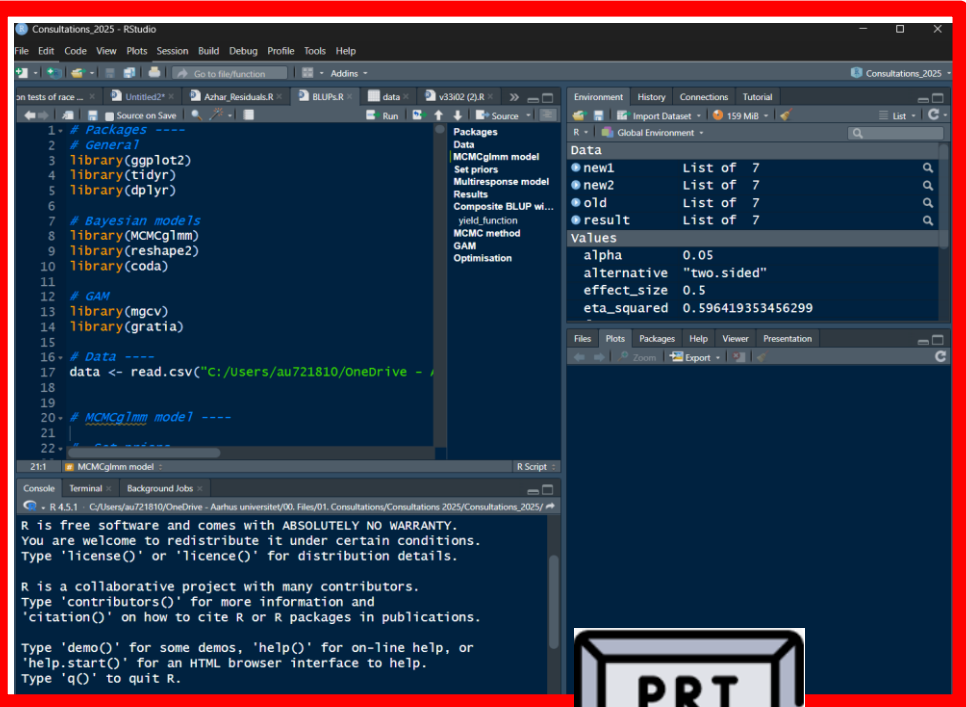
When you determine that your branch changes were the right ones to make, you can merge that branch into your main branch.



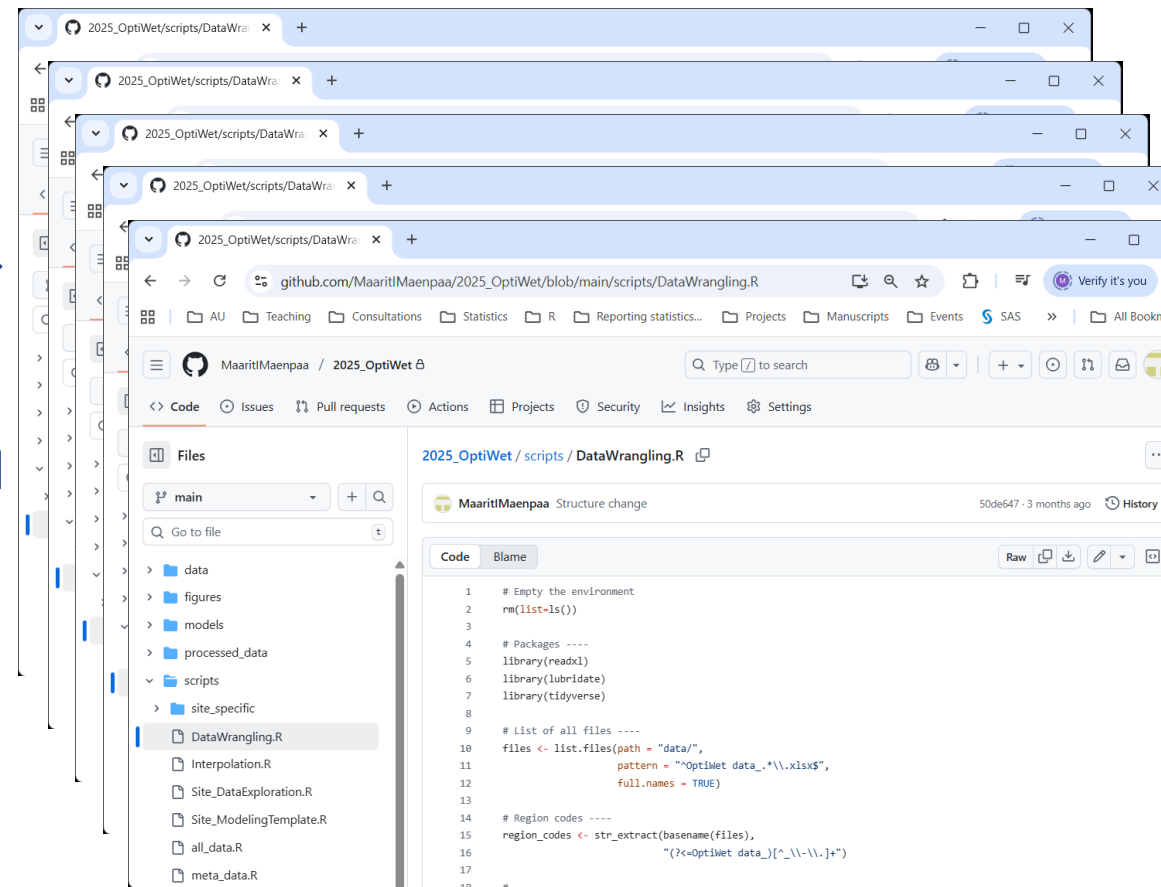
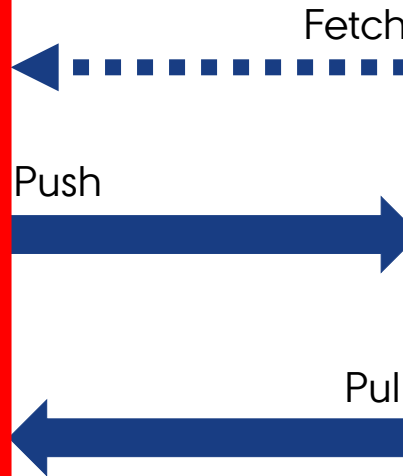
# Working on a repository: vocabulary

Code stored locally

Code stored in the cloud (GitHub)



Commit



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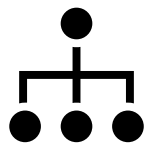
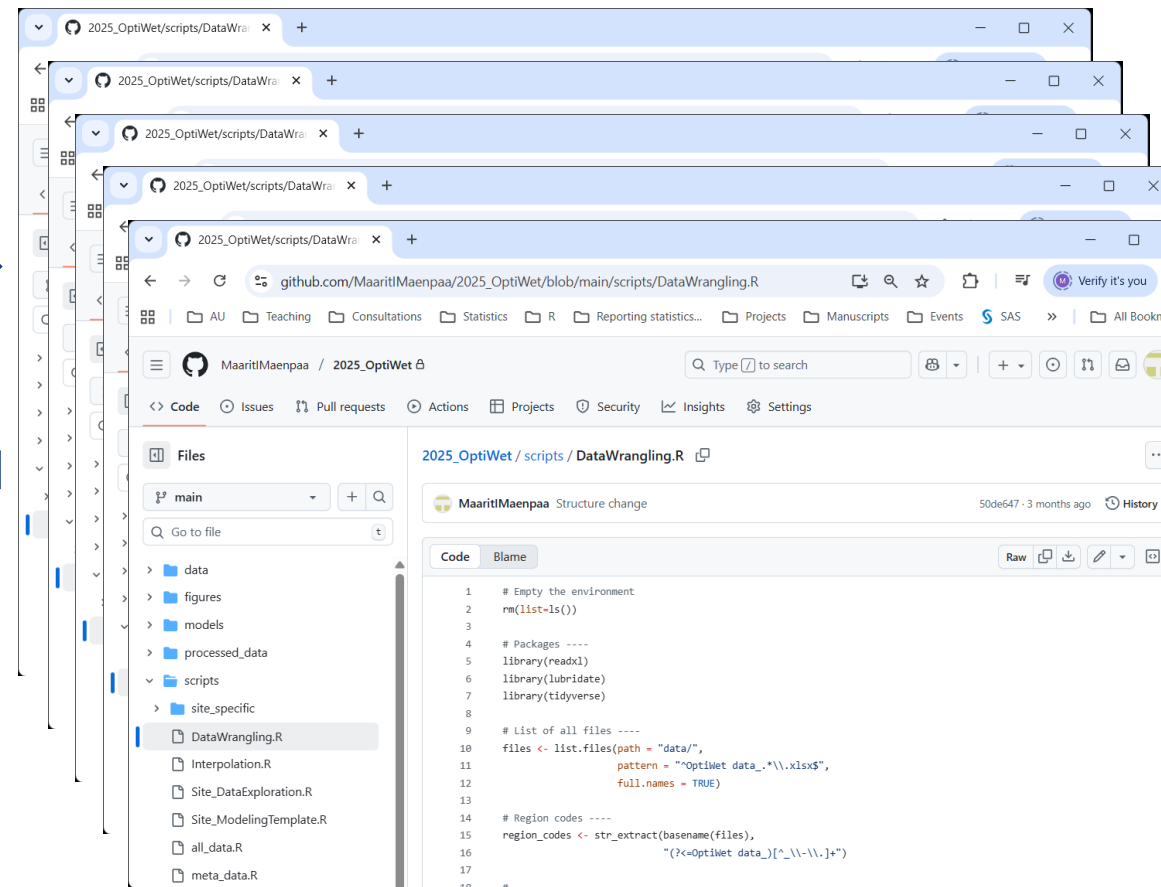
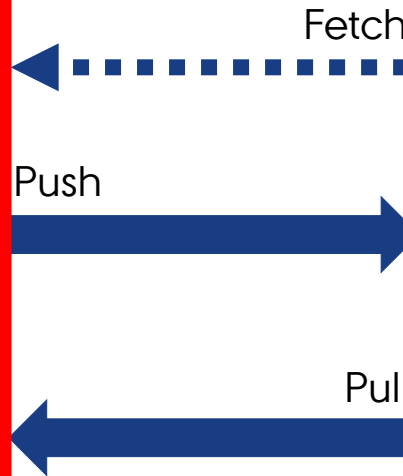
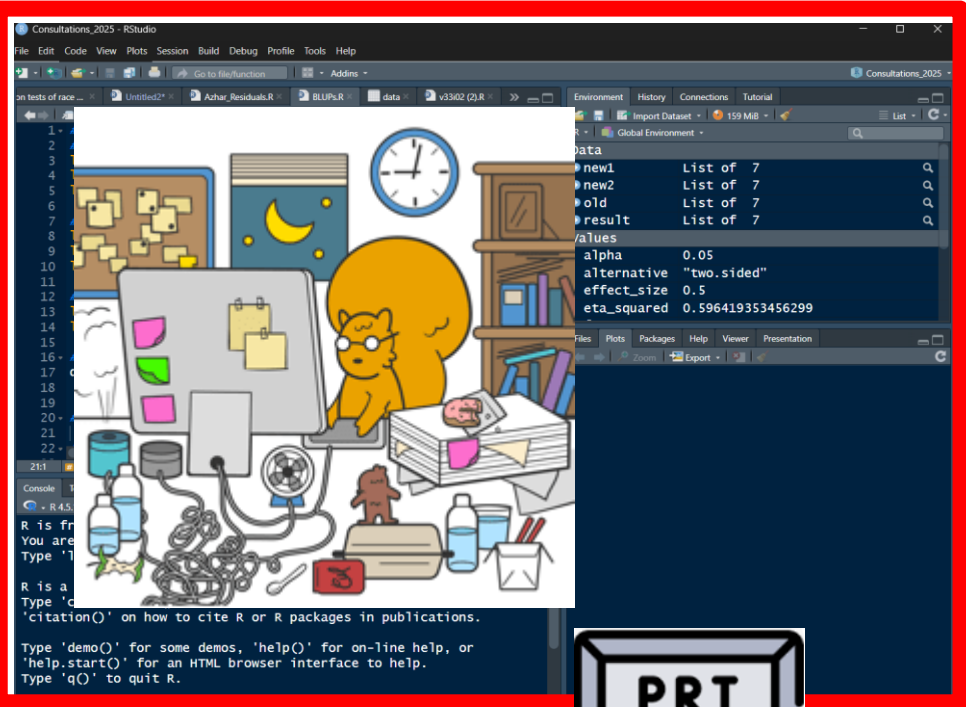
MAARIT MÄENPÄÄ  
SPECIALKONSULENT



# Working on a repository: vocabulary

Code stored locally

Code stored in the cloud (GitHub)



Commit



DEPARTMENT OF AGROECOLOGY

AARHUS UNIVERSITY

23. OCTOBER 2025

MAARIT MÄENPÄÄ  
SPECIALKONSULENT



# Example of communication between local and cloud repositories



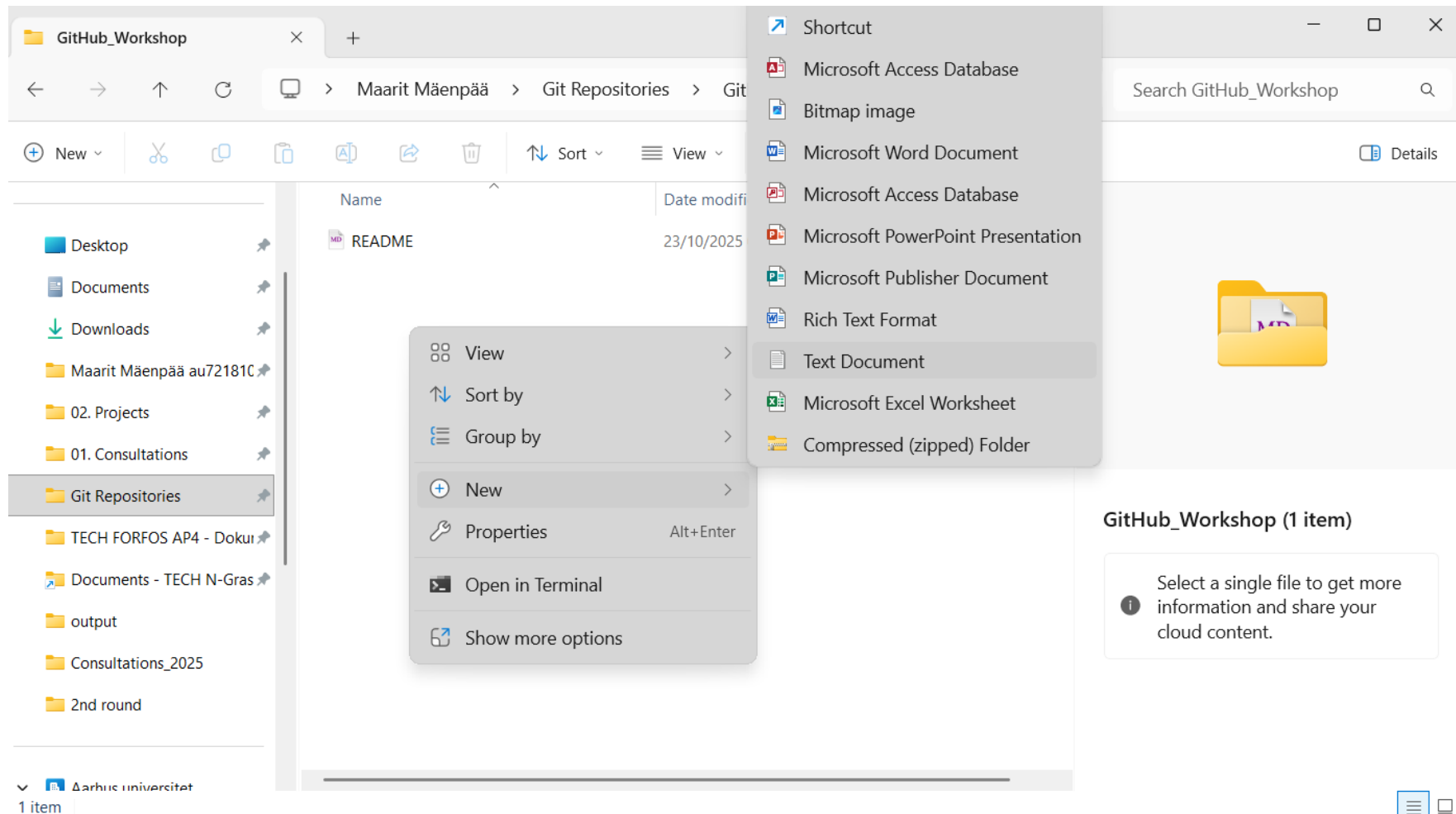
DEPARTMENT OF AGROECOLOGY

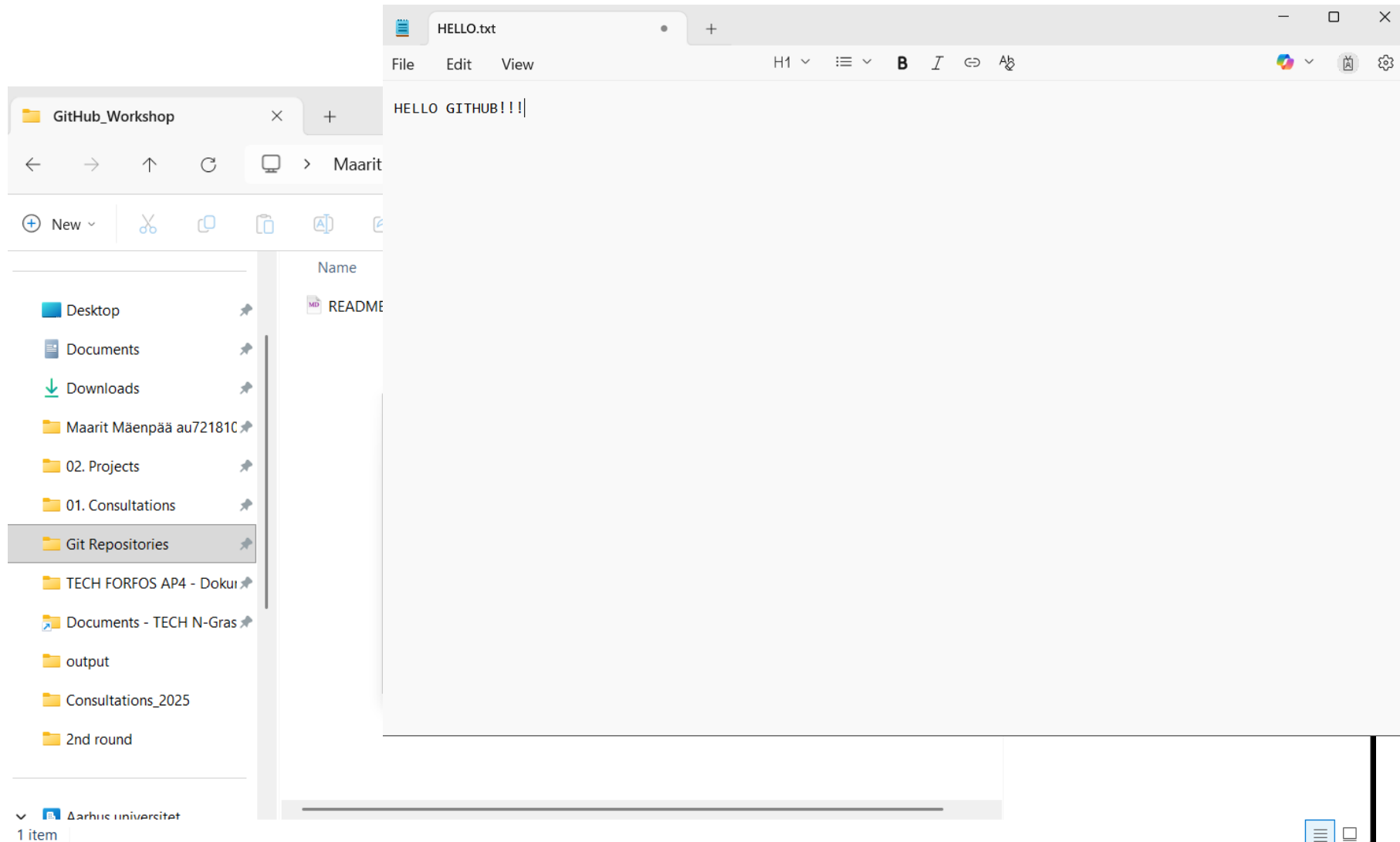
AARHUS UNIVERSITY

23. OCTOBER 2025

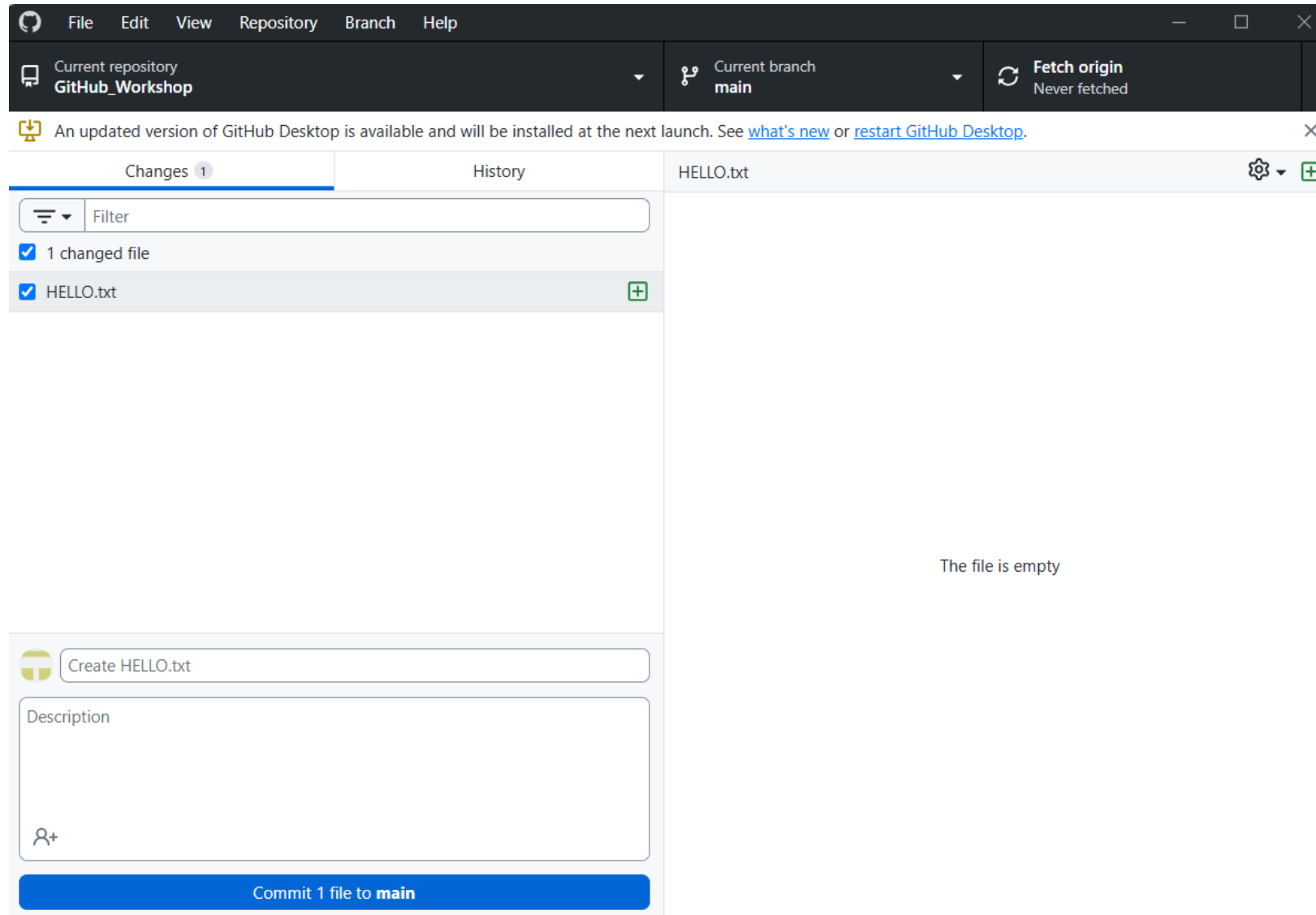
MAARIT MÄENPÄÄ  
SPECIALKONSULENT

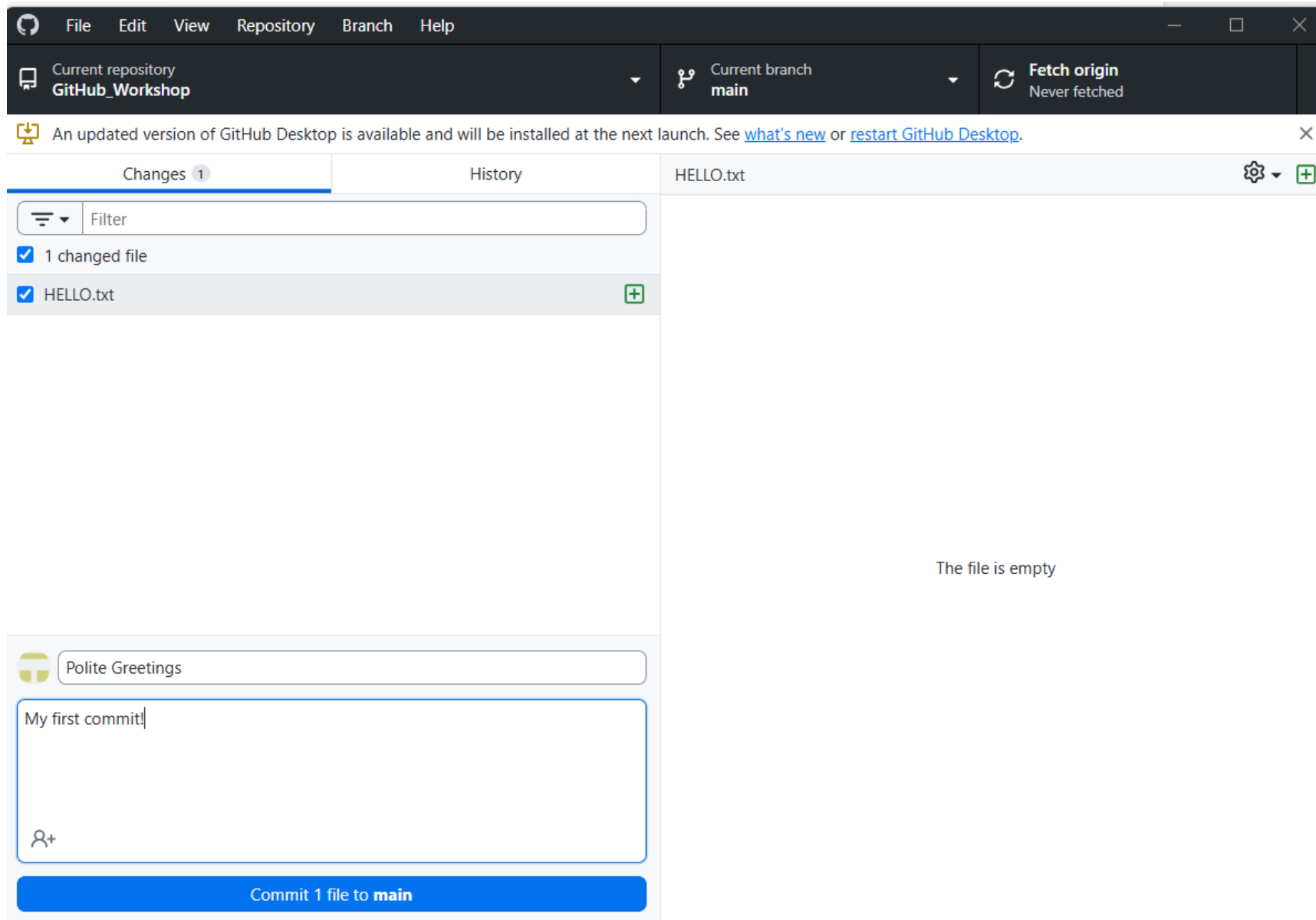












FileEditViewRepositoryBranchHelp

Current repository  
GitHub\_Workshop

Current branch  
main

Push origin  
Never fetched1 ↑

An updated version of GitHub Desktop is available and will be installed at the next launch. See [what's new](#) or [restart GitHub Desktop](#).

ChangesHistory

Filter

0 changed files

Summary (required)

Description

Commit to main

Committed just now  
Polite GreetingsUndo

No local changes

There are no uncommitted changes in this repository. Here are some friendly suggestions for what to do next.

Push commits to the origin remote

You have 1 local commit waiting to be pushed to GitHub.

Always available in the toolbar when there are local commits waiting to be pushed or **Ctrl + P**

Push origin

Open the repository in your external editor

Select your editor in [Options](#)

Repository menu or **Ctrl + Shift + A**

Open in RStudio

View the files of your repository in Explorer

Repository menu or **Ctrl + Shift + F**

Show in Explorer

Open the repository page on GitHub in



MaaritMaenpaa/GitHub\_Works x +

github.com/MaaritMaenpaa/GitHub\_Workshop

Verify it's you

AU Teaching Consultations Statistics R Reporting statistics... Projects Manuscripts Events SAS All Bookmarks

MaaritMaenpaa / GitHub\_Workshop

Type / to search

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

GitHub\_Workshop Public

Pin Watch 0 Fork 0 Star 0

main 1 Branch 0 Tags

Go to file + <> Code

MaaritMaenpaa Initial commit 78292a7 · 15 minutes ago 2 Commits

HELLO.txt	Polite Greetings	now
README HELLO.txt	Initial commit	15 minutes ago

README

# GitHub\_Workshop

A repository created for the workshop on basics of GitHub.

[https://github.com/MaaritMaenpaa/GitHub\\_Workshop/blob/main/HELLO.txt](https://github.com/MaaritMaenpaa/GitHub_Workshop/blob/main/HELLO.txt)

About

A repository created for the workshop on basics of GitHub.

- Readme
- Activity
- 0 stars
- 0 watching
- 0 forks

Releases

No releases published

[Create a new release](#)

Packages

No packages published



MaaritMaenpaa/GitHub\_Works x +

github.com/MaaritMaenpaa/GitHub\_Workshop

Verify it's you

MAARIT MAENPÄÄ / GitHub\_Workshop

Type to search

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

GitHub\_Workshop Public

Pin Watch 0 Fork 0 Star 0

main 1 Branch 0 Tags

Go to file

+ Create new file Upload files

MaaritMaenpaa Polite Greetings de8f9d0 · 4 minutes ago

HELLO.txt	Polite Greetings	4 minutes ago
README.md	Initial commit	19 minutes ago

README

# GitHub\_Workshop

A repository created for the workshop on basics of GitHub.

[https://github.com/MaaritMaenpaa/GitHub\\_Workshop/new/main](https://github.com/MaaritMaenpaa/GitHub_Workshop/new/main)

About

Repository created for the workshop on basics of GitHub.

Readme

Activity

0 stars

0 watching

0 forks

Releases

No releases published

[Create a new release](#)

Packages

No packages published



New File at / · MaaritMaenpaa/ x +

github.com/MaaritMaenpaa/GitHub\_Workshop/new/main

Verify it's you

MAARIT MAENPAA / GitHub\_Workshop

Type / to search

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

GitHub\_Workshop / HI\_AGAIN in main

Cancel changes Commit changes...

Edit Preview

Spaces 2 No wrap

```
1 Hello my local Repository in my computer!
```

Use Control + Shift + m to toggle the tab key moving focus. Alternatively, use esc then tab to move to the next interactive element on the page.



GitHub\_Workshop/ at main · Maari

github.com/MaariMaenpaa/GitHub\_Workshop/tree/main

Verify it's you

AU Teaching Consultations Statistics R Reporting statistics... Projects Manuscripts Events SAS All Bookmarks

MaariMaenpaa / GitHub\_Workshop

Type / to search

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

main GitHub\_Workshop /

Go to file

Add file

MaariMaenpaa Create HI\_AGAIN

300cd44 · now History

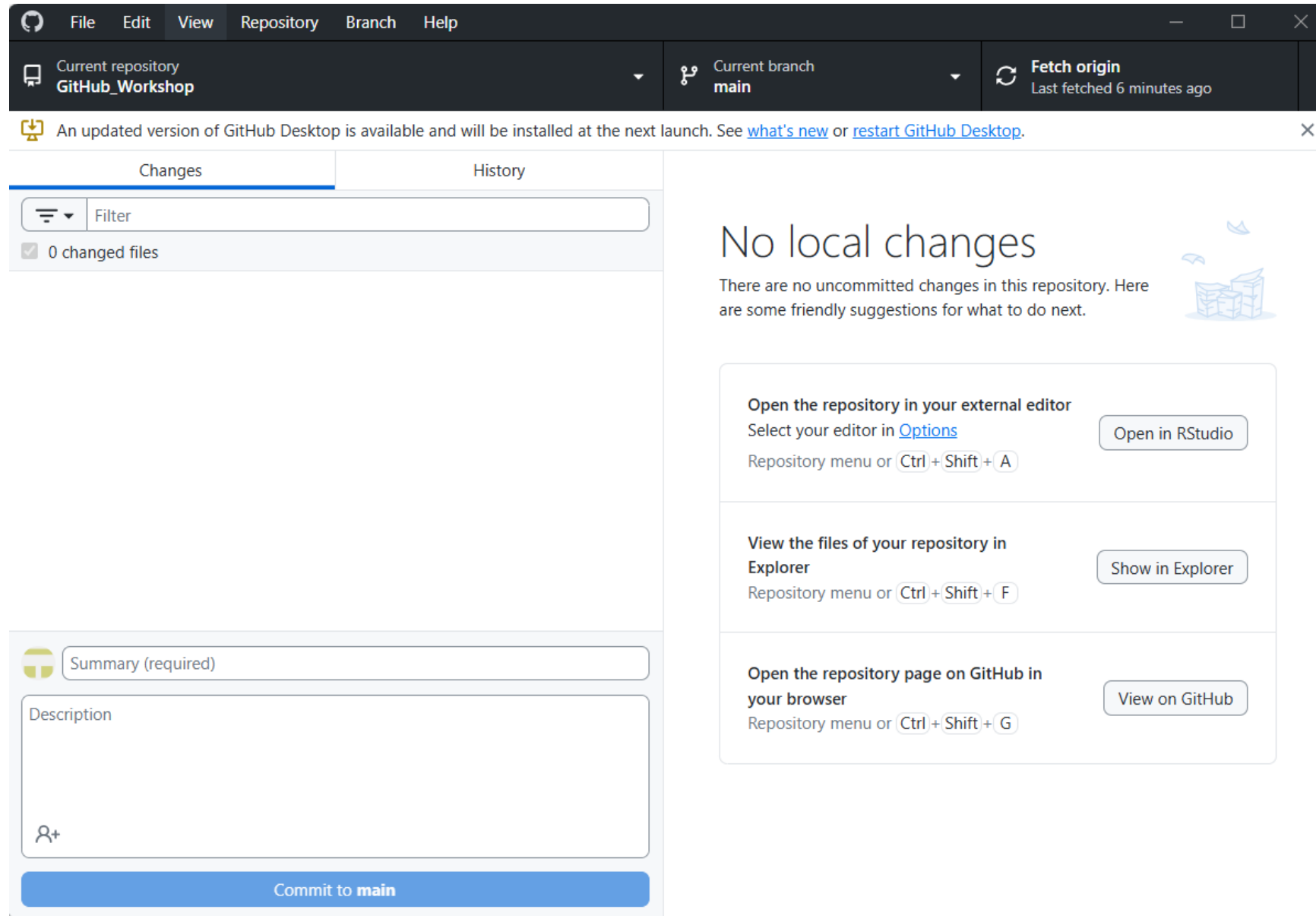
Name	Last commit message	Last commit date
HELLO.txt	Polite Greetings	6 minutes ago
HI_AGAIN	Create HI_AGAIN	now
README.md	Initial commit	21 minutes ago

README.md

# GitHub\_Workshop

A repository created for the workshop on basics of GitHub.







MaaritMaenpaa/GitHub\_Works
+

github.com/MaaritMaenpaa/GitHub\_Workshop

AU Teaching Consultations Statistics R Reporting statistics... Projects Manuscripts Events SAS All Bookmarks

**GitHub\_Workshop**
Public

Pin Watch 0 Fork 0 Star 0

main 1 Branch 0 Tags

MaaritMaenpaa
Create HI\_AGAIN

HELLO.txt
HI\_AGAIN
README.md

README

# GitHub\_Workshop

A repository created for the workshop on basics of

New

Sort
View

Name	Date modified	Type	Size
HELLO	23/10/2025 09:41	Text Document	0
HI_AGAIN	23/10/2025 09:50	File	1
README	23/10/2025 09:34	Markdown File	1

**GitHub\_Workshop (3 items)**

Select a single file to get more information and share your cloud content.

Desktop
Documents
Downloads
Maarit Mäenpää au72181C
02. Projects
01. Consultations
**Git Repositories**
TECH FORFOS AP4 - Dokum
Documents - TECH N-Gras
output
Consultations\_2025
2nd round

Aarhus universitet
3 items

[https://github.com/MaaritMaenpaa/GitHub\\_Workshop/commits/main](https://github.com/MaaritMaenpaa/GitHub_Workshop/commits/main)

GitHub\_Workshop/ at main · MaariMaenpaa

github.com/MaariMaenpaa/GitHub\_Workshop/tree/main

MaariMaenpaa / GitHub\_Workshop

Type / to search

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

main GitHub\_Workshop /

Go to file Add file

MaariMaenpaa Create HI\_AGAIN 300cd44 · now History

Name	Last commit message	Last commit date
HELLO.txt	Polite Greetings	6 minutes ago
HI_AGAIN	Create HI_AGAIN	now
README.md	Initial commit	21 minutes ago

README.md

## GitHub\_Workshop

A repository created for the workshop on basics of GitHub.



Commits · MaaritMaenpaa/GitHub\_Workshop

github.com/MaaritMaenpaa/GitHub\_Workshop/commits/main/

Verify it's you

MAARIT MAENPAA / GitHub\_Workshop

Type / to search

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

## Commits

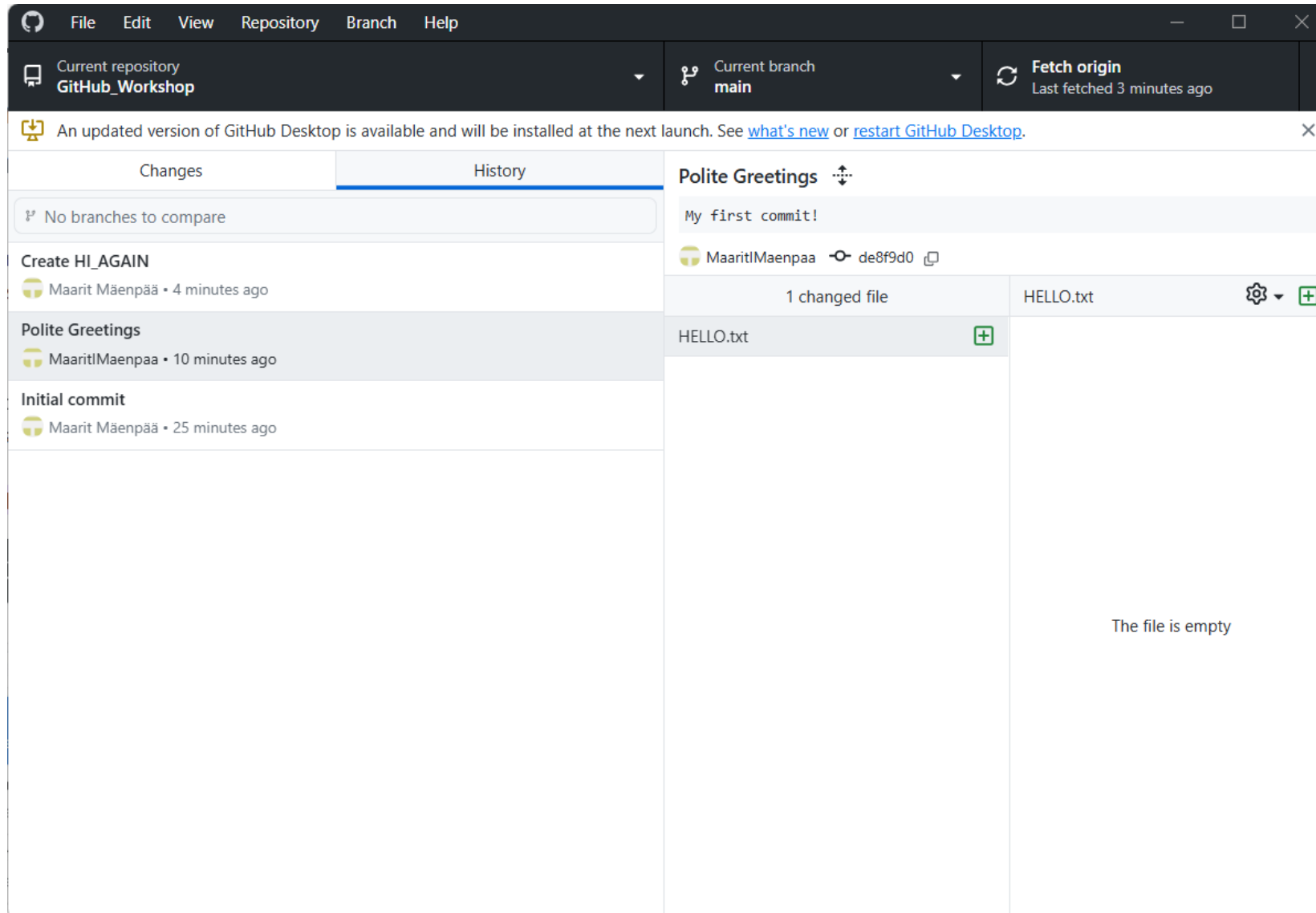
main

All users All time

Commits on Oct 23, 2025

<b>Create HI_AGAIN</b>	Verified	300cd44	Copy	<>
MaaritMaenpaa authored 2 minutes ago				
<b>Polite Greetings</b>		de8f9d0	Copy	<>
MaaritMaenpaa committed 8 minutes ago				
<b>Initial commit</b>	Verified	78292a7	Copy	<>
MaaritMaenpaa authored 23 minutes ago				





File
Edit
View
Repository
Branch
Help

Current repository  
**GitHub\_Workshop**

Current branch  
**main**

Fetch origin  
Last fetched 4 minutes ago

An updated version of GitHub Desktop is available and will be installed at the next launch. See [what's new](#) or [restart GitHub Desktop](#).

Changes
History

No branches to compare

Create HI\_AGAIN

Maarit Mäenpää • 4 minutes ago

Polite Greetings

MaaritMäenpaa • 10 minutes ago

Initial commit

Maarit Mäenpää • 25 minutes ago

Initial commit

Maarit Mäenpää 78292a7 +2 -0

1 changed file

README.md

@@ -0,0 +1,2 @@

1 + # GitHub\_Workshop
2 + A repository created for the workshop on basics of GitHub.

Reset to commit...
Checkout commit
Reorder commit
Revert changes in commit
Create branch from commit
Create Tag...
Cherry-pick commit...
Copy SHA
Copy tag
View on GitHub



FileEditViewRepositoryBranchHelp

Current repository  
GitHub\_Workshop

Current branch  
main

Push origin  
Last fetched 4 minu...

1 ↑

An updated version of GitHub Desktop is available and will be installed at the next launch. See [what's new](#) or [restart GitHub Desktop](#).

Changes

History

No branches to compare

Revert "Initial commit"

MaaritMaenpaa • just now

Create HI\_AGAIN

Maarit Mäenpää • 4 minutes ago

Polite Greetings

MaaritMaenpaa • 11 minutes ago

Initial commit

Maarit Mäenpää • 26 minutes ago

Initial commit ↕

Maarit Mäenpää 78292a7 +2 -0

1 changed file

README.md

@@ -0,0 +1,2 @@

1 + # GitHub\_Workshop

2 + A repository created for the workshop on b asics of GitHub.

This commit has not been pushed to the remote repository



FileEditViewRepositoryBranchHelp

Current repository  
GitHub\_Workshop

Current branch  
main

Fetch origin  
Last fetched just now

An updated version of GitHub Desktop is available and will be installed at the next launch. See [what's new](#) or [restart GitHub Desktop](#).

ChangesHistory

No branches to compare

Revert "Polite Greetings"

MaaritMaenpaa • just now

Revert "Create HI\_AGAIN"

MaaritMaenpaa • just now

Revert "Initial commit"

MaaritMaenpaa • 1 minute ago

Create HI\_AGAIN

Maarit Mäenpää • 5 minutes ago

Polite Greetings

MaaritMaenpaa • 12 minutes ago

Initial commit

Maarit Mäenpää • 27 minutes ago

Polite Greetings

My first commit!

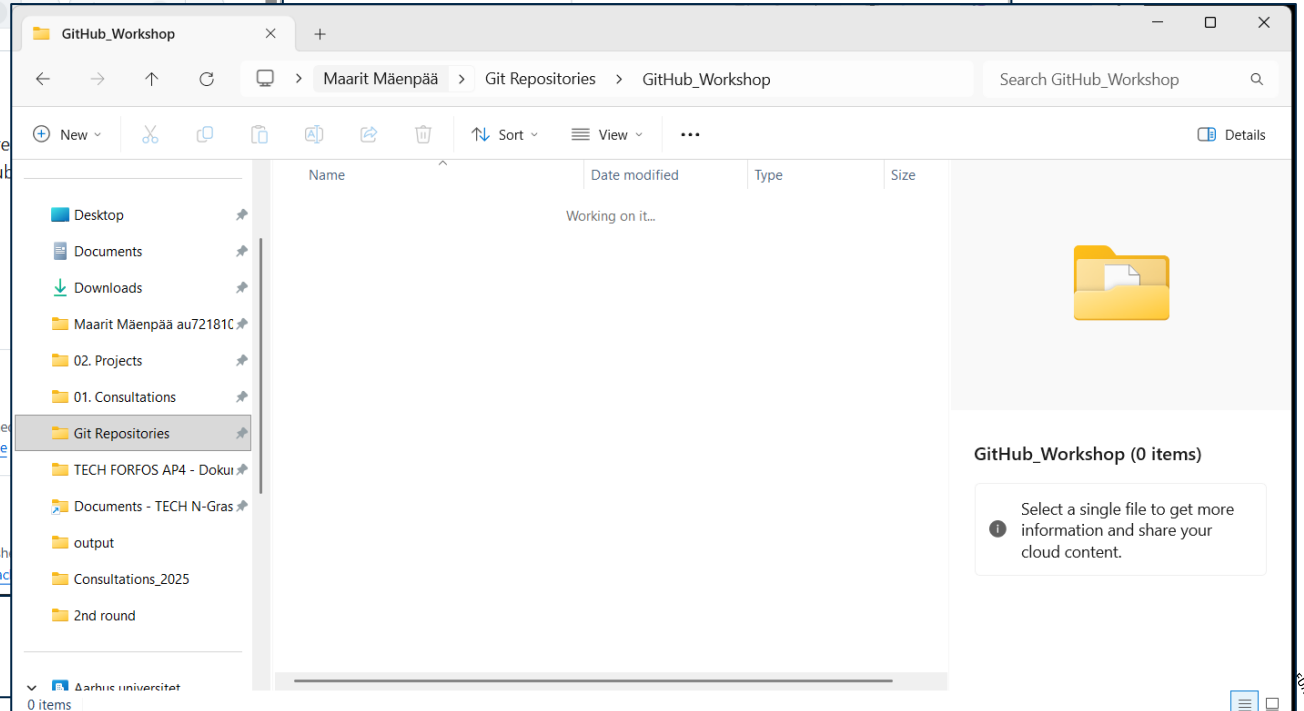
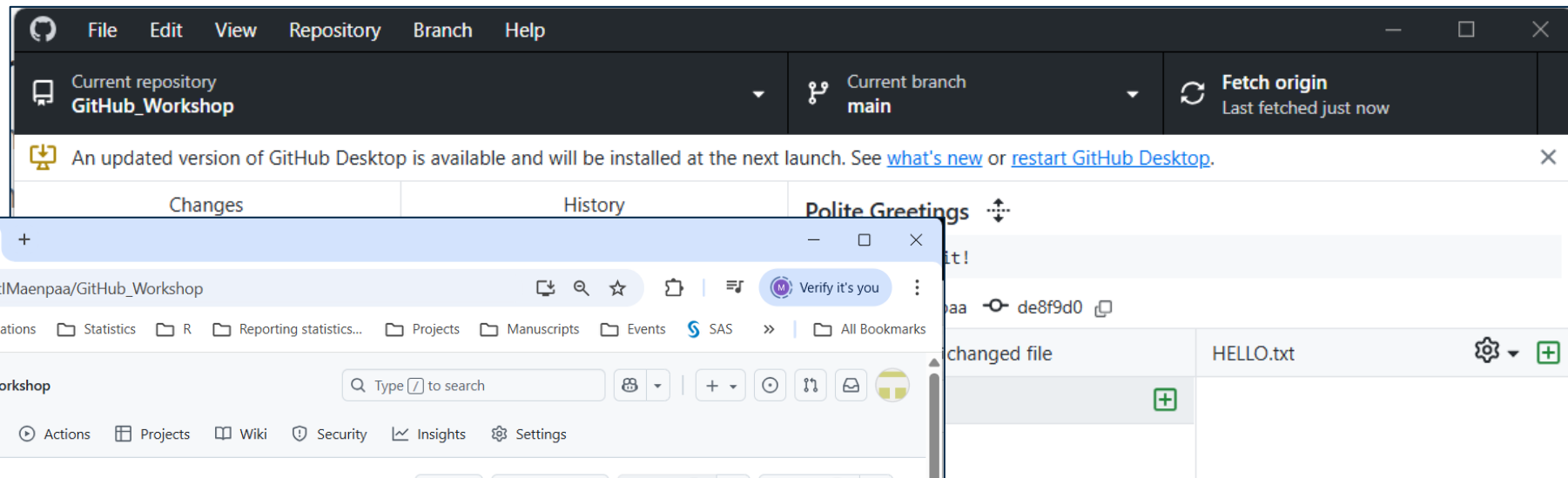
MaaritMaenpaa de8f9d0

1 changed fileHELLO.txt

HELLO.txt

The file is empty







# Exercise

1. Create a repository
2. Clone the repository
3. Add a script with code into your local repository, and make it visible on your online version of the repository.
4. Open your script locally. ERASE EVERYTHING. Save the file. Commit the changes.
5. Navigate GitHub to find the code from before erasing it.
6. Return the code as it was before erasing by reverting the commit from before.
7. Bonus: Add a collaborator to your repository.

