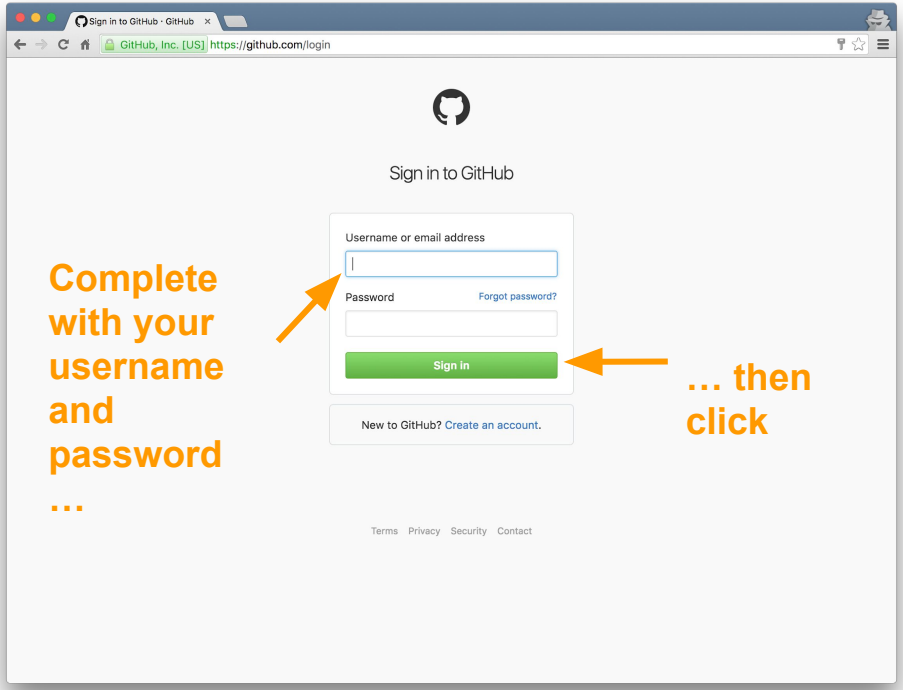
# GitHub

Go to github.com

Step 1: Sign-up

Step 2: Log in




https://tinyurl.com/SC-GitHub-Intro

# GitHub Intro

Developing Collaborative Documents

*Click here for the paired online materials*

by Malvika Sharan

**Esther Plomp & Lane Atmore**

**14 October 2021**

References: Mozilla Science Lab's Study Group Orientation,
Friendly GitHub Intro by Kirstie Whitaker &
Visual description: https://learngitbranching.js.org/

# This workshop

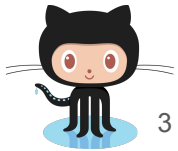
- Get comfortable with a collaborative workflow in the GitHub interface
  - Practise with Markdown, issues, setting up a repository, making changes, GitHub terminology
- How to work together on a repository/project?
- How to make your repository/code FAIR?

~~An introduction to the terminal/git~~

see for example Version Control with Git by the Carpentries

~~Using a programming language~~

- see slide 101 for R examples



# Schedule

**9:15 - 9:30 Coffee + setting up a GitHub account**

9:30 - 9:45 Intro collaborative working / Version control

9:45 - 10:00 Getting started with GitHub, readme's (~10 min exercises/interaction)

10:00 - 10:40 GitHub terminology/workflow

**10:40 - 11:00 Coffee!**

11:00 - 12:00 Setting up your repository in groups (exercises/interaction)

12:00 - 12:15 Making software FAIR

12:15 Wrap up, questions, feedback (interaction)

**12:30 Lunch!**

# Carpentries Style

https://carpentries.org/

- Code of Conduct
- Stickies: please use a green for when you're ready to continue, a red one if you're stuck / Pop it in the Zoom chat when you're stuck or when you're done
- If you're helping someone: try as much as possible to let this person do the typing/fixing and walk them through it. Try to avoid taking over the keyboard and fixing it for them

# Code of Conduct

Yes / Encouraged

- Show empathy and kindness toward others
- Be respectful of differing opinions, viewpoints, experiences and **technological choices**
- Give and gracefully accepting constructive feedback
- Take responsibility for mistakes and any impact on others, learn from the experience
- Taking breaks to recharge!

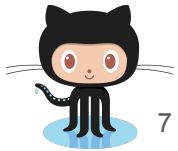
# Code of Conduct

Please contact Esther about any violations. If Esther is violating the CoC please reach out to your supervisor or Emmy Tsang: f.tsang@tudelft.nl

No harassment

- Verbal and text comments that reinforce social structures of domination related to gender, gender identity and expression, sexual orientation, ability, physical appearance, body size, race, age, religion or work experience.
- Use of sexual or discriminatory imagery, comments, or jokes
- Deliberate intimidation, disruption
- Unwelcome sexual attention
- Advocating for, or encouraging, any of the above behaviour

If the Code of Conduct is violated you will be asked to stop or leave the space.

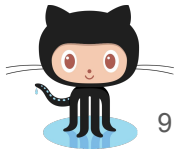


Issue
Open
Moisture data sharing
What if farmers could share moisture data?!
Comment

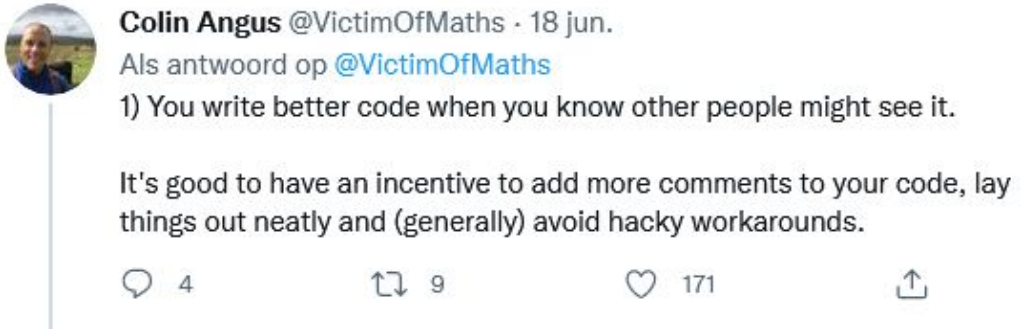
# Why GitHub?

Even if you do not regularly use any software GitHub can be of interest!

- Collaborate on projects
- Build your own website
- Share your documentation
- Set up presentations



# No collaboration?




https://twitter.com/VictimOfMaths/status/1405809691062591490

# *The Turing Way*

*An Open Source guide on Data Science.*

We involve and support a diverse community to collaboratively develop resources to make data science reproducible, ethical and inclusive for everyone.

Overview | Repositories 42 | Projects 1 | Packages

EstherPlomp / README.md

## Esther Plomp

Hi! I'm Esther. I work as a Data Steward at Delft University of Technology in the Netherlands. Before that I did a PhD in bioarchaeology, studying the isotopic composition of human teeth.

### I'm currently working on:

- Analysing and displaying some survey data in R.

### I'm currently learning:

- How to set up reports in R markdown

### How to reach/follow me:

- Twitter: @PhDtoothFAIRy
- ORCID: 0000-0003-3625-1357
- Linkedin: Esther Plomp

Signatory of DORA

**Esther Plomp**

EstherPlomp

Edit profile

21 followers · 20 following · ☆ 151

the Netherlands

@PhDtoothFAIRy

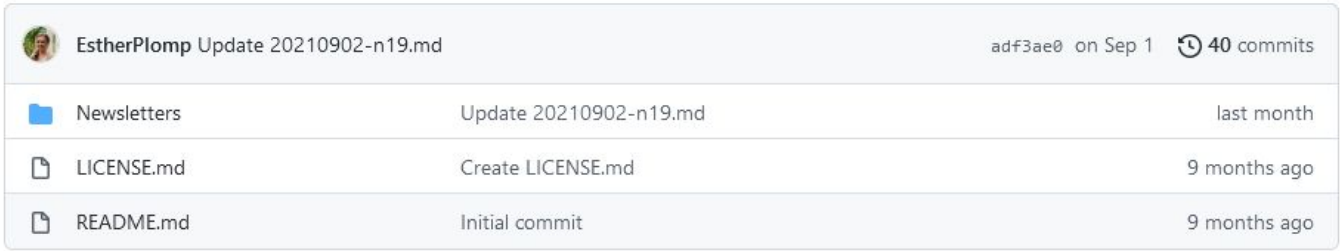
**Achievements**

**Organizations**

4TU.

***Use it as a CV***

# Why Github?




README.md

## TNW-PhD-Newsletters

Overview of the newsletters sent to the PhD students of TNW

https://github.com/EstherPlomp/TNW-PhD-Newsletters

**Events:**

- Four online workshops demonstrating **open-source tools in chemistry** are taking place in the upcoming months, including ChimeraX, GNINA 1.0 and DataWarrior. See also the recordings from the workshops on DataWarrior, PyMOL, GoogleCoLab, CheMBL, Fragalysis, Knime that were organised before.
- NUI Galway is hosting the third **Open Scholarship Week** from **10-14 May**. Registrations are now open and there is an Open Scholarship Prize Competition (deadline for applications is **16 April**)!
- NWO Life2021 (NWO conference for the Dutch Life Sciences) takes place online on the 26-28 of May. Deadline for poster abstract submission is the **8th of April**.

The Netherlands eScience Center opened up their call for in-kind investment of a dedicated team of research software engineers (RSEs) from the eScience Center that will work together with you on a project. You will need your supervisor (or someone else with a PhD) for this application. First deadline is **6th of May**.

You can indicate interest for an **intermediate Python course** piloted by the UK Software Sustainability Institute here.

Working on your next or first **publication**? Want to publish a protocol?

- Not sure how to structure your publication? This brief guide to writing manuscripts might be of help! (with benefits of Open Science listed on page 6)
- PLOS ONE introduced two new publication formats: Lab Protocols and Study Protocols!
- How to write a great science paper – tips from a novelist
- Watch a short video on how to write an abstract
- Use Recite to check your citations

# Why Github?

https://estherplomp.github.io/

ABOUT ME

ROLES

OUTPUTS

TALKS

BLOGS

LEADERSHIP

COPYRIGHT

## ESTHER PLOMP

OPEN SCIENCE / RESEARCH DATA MANAGEMENT / HUMAN OSTEOLOGY / ISOTOPE ARCHAEOLOGY

I'm an Open Science enthusiast and I would like to contribute to a more equitable way of knowledge generation and facilitate others in working more transparently. My research interests are osteology/bioarchaeology. I like to listen/read books (see this Twitter thread for some titles), dance, draw and game (Guildwars 2) when I'm not eating pie with friends/family.

Please get in touch about any ideas for collaboration, speaking opportunities, mentorship or to send me some cat pictures via the channels below:

## Why Github?

# Data Organization in Spreadsheets

Hao Ye

Health Science Center Libraries, University of Florida

(updated: 2021-08-31)

https://uf-repro.github.io/data-organization/slides.html#1
https://github.com/uf-repro/data-organization/blob/main/slides/slides.Rmd

See also:

- https://rmarkdown-shilaan.netlify.app/#1
- https://github.com/shilaan/rmarkdown-session

https://slides.garrickadenbuie.com/extra-special-xaringan/?panelset1=setup2#1

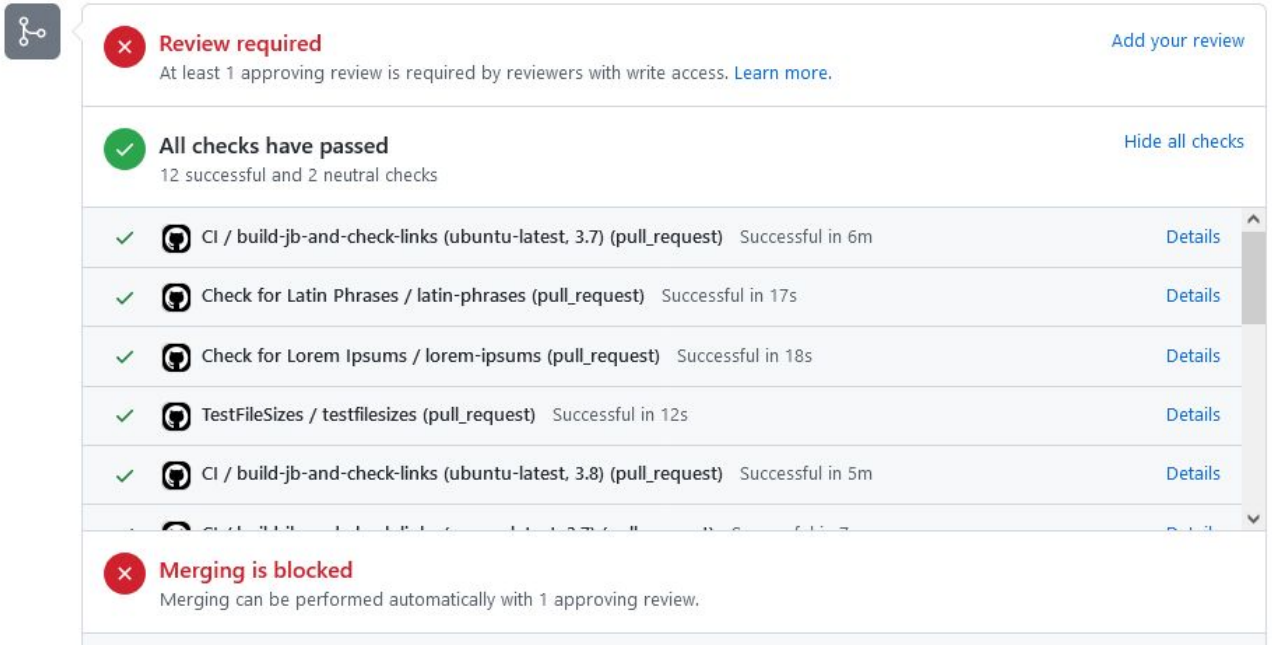
# Why Github?

| Date | Title | Duration | Event | Location | Source |
|---|---|---|---|---|---|
| Feb 20, 2019 | The Carpentries | 30min | ELIXIR Bioinformatics Training Tools Workshop | Debrecen, Hungary | |
| May 20, 2019 | Beer is alive! | 30min | Pint of Science | Freiburg, Germany | |
| Feb 7, 2019 | Galaxy Training Network and Schema.org | 10min | Boost Your Visibility – Improving F of FAIR for Dutch Training and Data Resources through Bioschemas | Utrecht, Netherlands | |
| Feb 20, 2019 | The training effort of the Galaxy community | 30min | ELIXIR Bioinformatics Training Tools Workshop | Debrecen, Hungary | |

http://talks.bebatut.fr/2019/
https://github.com/bebatut-slides/2019

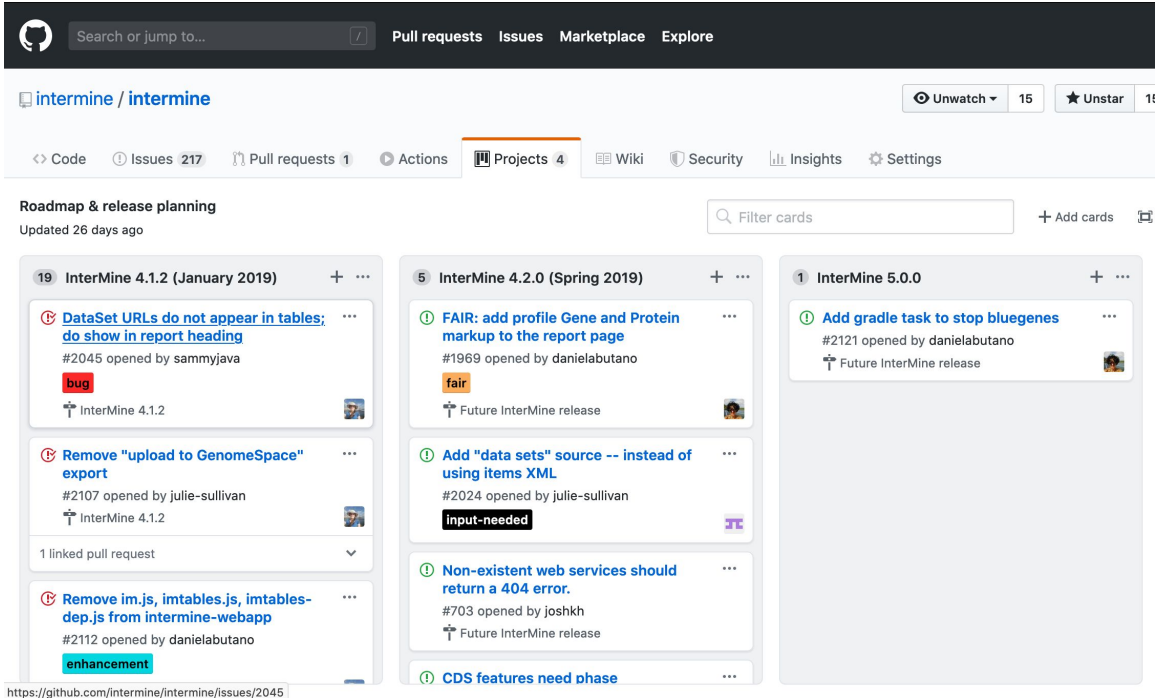
# GitHub allows for testing/continuous integration to prevent errors

https://docs.github.com/en/actions/automating-builds-and-tests/about-continuous-integration



# Projects (Project Board)

Sort issues, notes, to-dos in a set of columns.



Bitbucket

GitLab

# Collaboration

# Collaborative Documents

What are the **challenges** in developing them?

https://www.freepik.com/free-photos-vectors/joining-hands

When we work with many people to collaboratively develop a document.

**Challenges:** asynchronous and conflicting edits, location, time zones, VERSIONS

https://www.freepik.com/free-photos-vectors/joining-hands

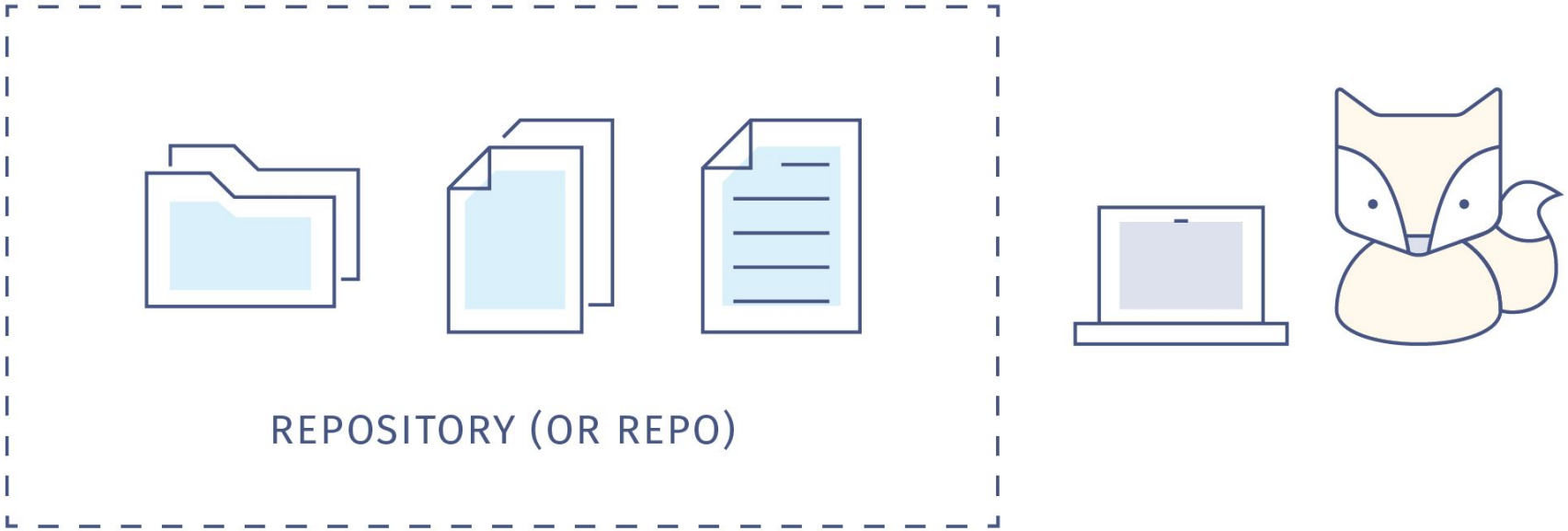
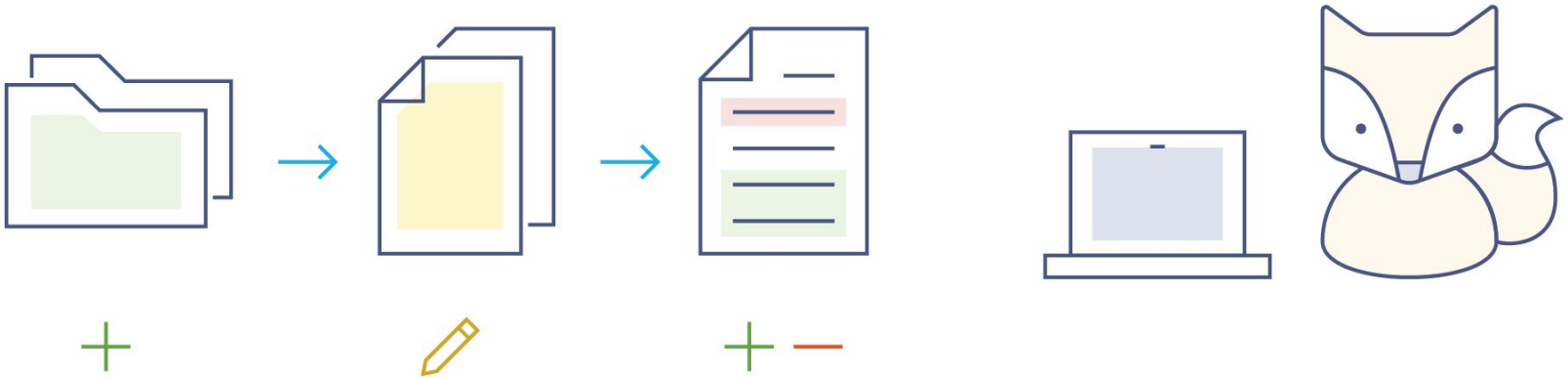



Image from Mozilla Science Lab:
https://mozillascience.github.io/study-group-orientation/3.1-collab-vers-github.html



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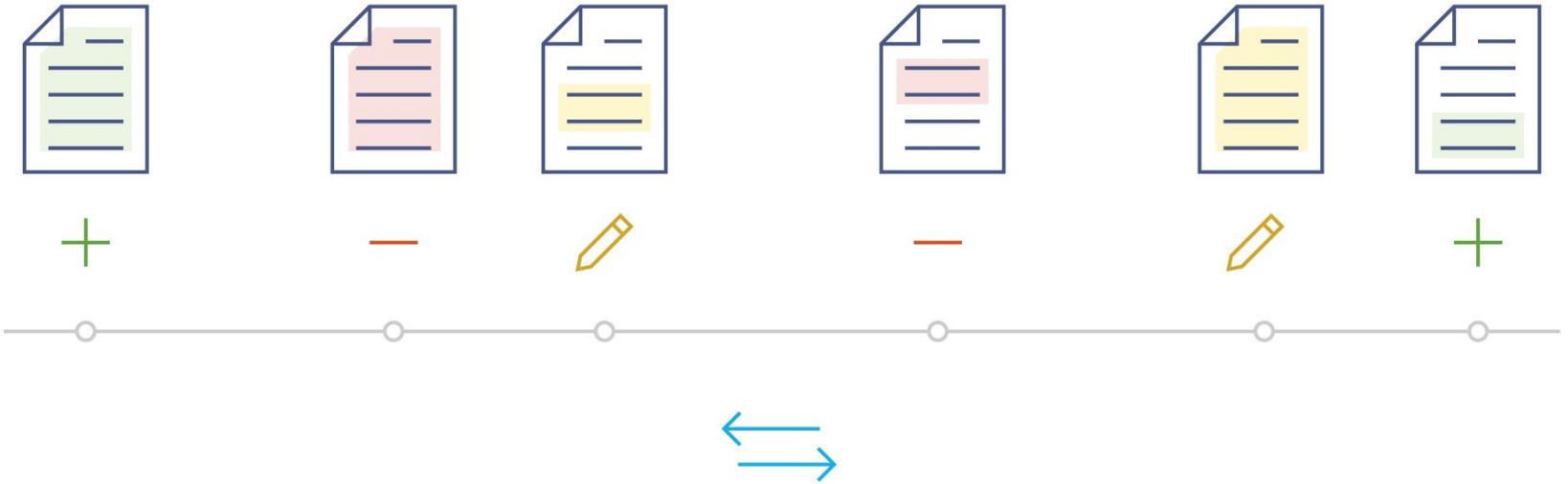
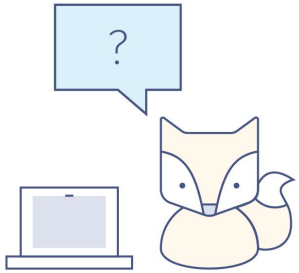
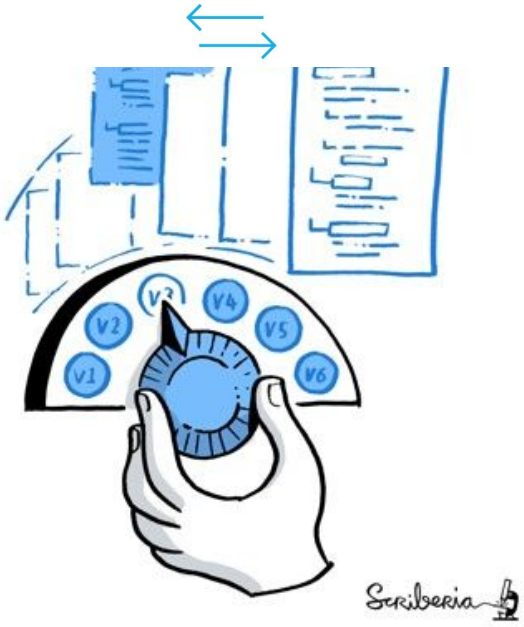


# Revisions and Versions

Image from Mozilla Science Lab:
https://mozillascience.github.io/study-group-orientation/3.1-collab-vers-github.html



Images from Mozilla Science Lab, Illustration by Scriberia and The Turing Way




Images from Mozilla Science Lab, Illustration by Scriberia and The Turing Way

# Version Control

Management of **changes**, called **revisions**, to a file

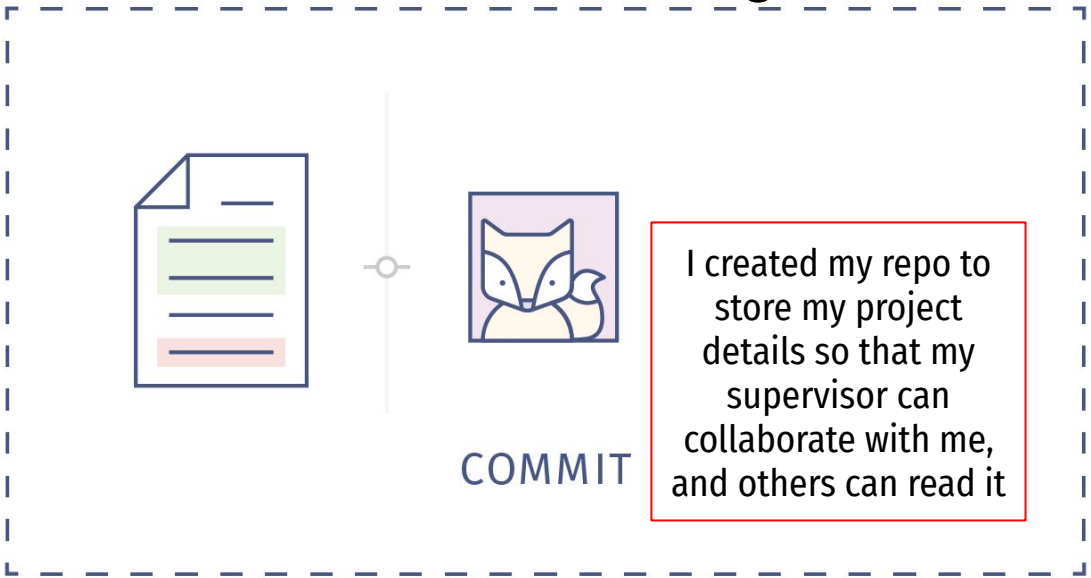
- Simple file versioning with v1.0, v1.1, …
- Simple tools like Google Drive, Dropbox...
- Advanced tools: git (local version controls system)

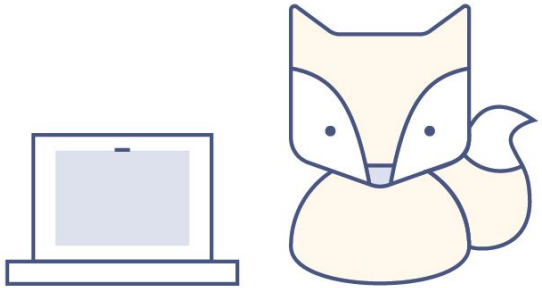
***Revision:*** *Change associated with a* ***timestamp*** *and details like what changes were made, who changed them, why etc.*

# Version Control

**Benefits:** collaborate in real time, store history, go back to previous versions

# Add information on changes



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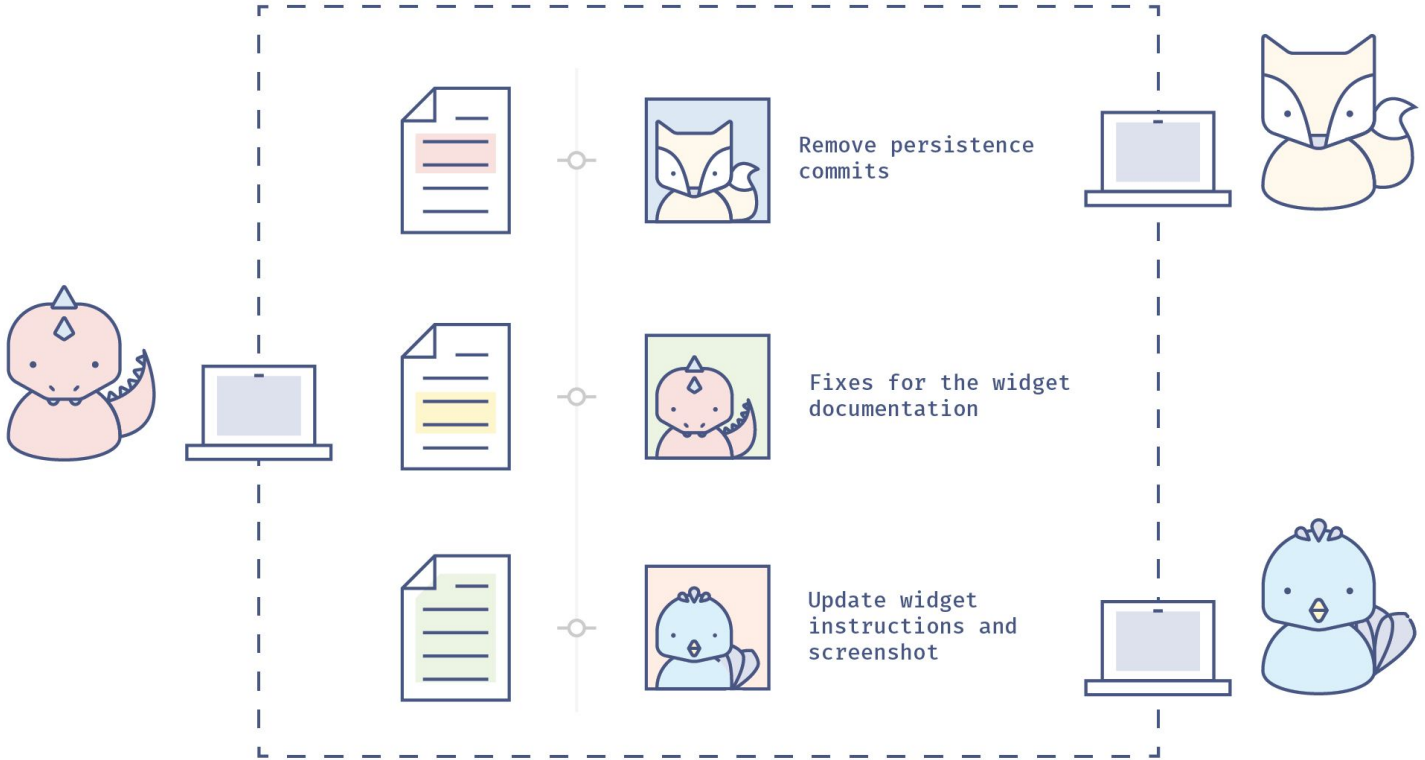


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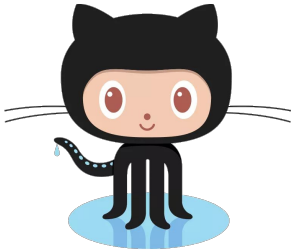


# GitHub

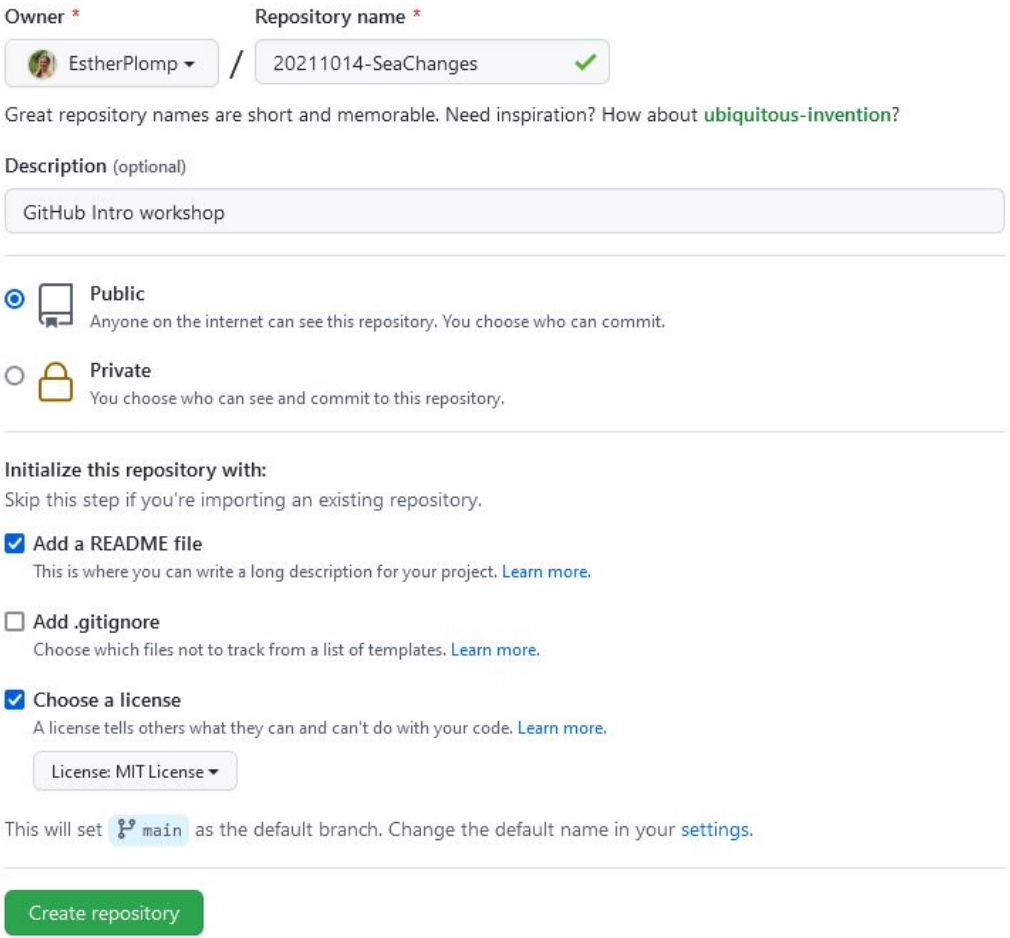
- **Hosts your repositories** (projects) online
- Helps you **work with contributors**/collaborators
- Provides **web interface** for version control
- It can be used for **project management** and communication
- Useful when a group of people are working together

# *TASK:* Make your repo

*"20211014-SeaChanges-test"*

**Repository (Repo)**

A project where all your files are, online or on your computer



You know version control.

You created your first repo.

https://www.freeiconspng.com/img/31116

# GitHub & Markdown

# Markdown (.md) for formatting

## Create a README file

- **Landing page** for your repo
- Add information about your project
- List tasks of varying expertise clearly
- Add names/ids of your collaborators
- Invite others with specific skills
- Write it in style with Markdown

# Markdown (.md) for formatting

Markdown is a simple text “markup” language made for quickly writing formatted text

Great for blogs, documentation, and even writing papers.

GitHub automatically renders anything written in Markdown.

This can be specific files, pull requests, issues or comments.

Some useful resources:

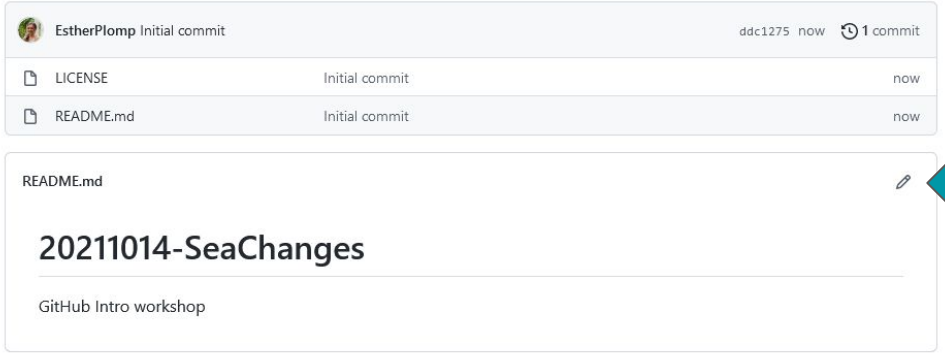
- https://github.com/adam-p/markdown-here/wiki/Markdown-Cheatsheet
- https://www.webpagefx.com/tools/emoji-cheat-sheet
- https://github.com/EstherPlomp/20211014-SeaChanges/blob/main/README.md

# Practise with Markdown in your repository

or

# Help out your neighbour if needed / Take a look at the alternative exercises

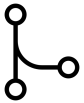
- Set up a website (slides 94-98)
- Contribute to a project (archaeology & R - 89 / The Turing Way - 100)
- Connect RStudio to Git and GitHub (slide 101)
- Address an issue (slides 102)




# Readme examples

- https://alexwlchan.net/2021/10/readmes-for-open-science/ (multiple examples and explanation)
- https://github.com/EstherPlomp/Figures-Nd-data

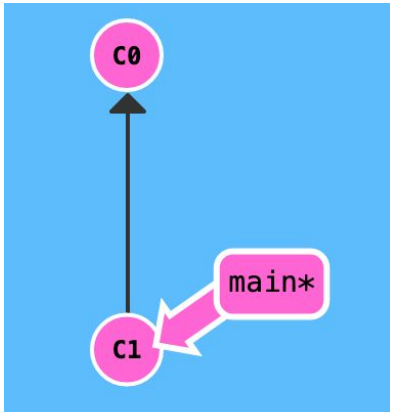
# GitHub Terms

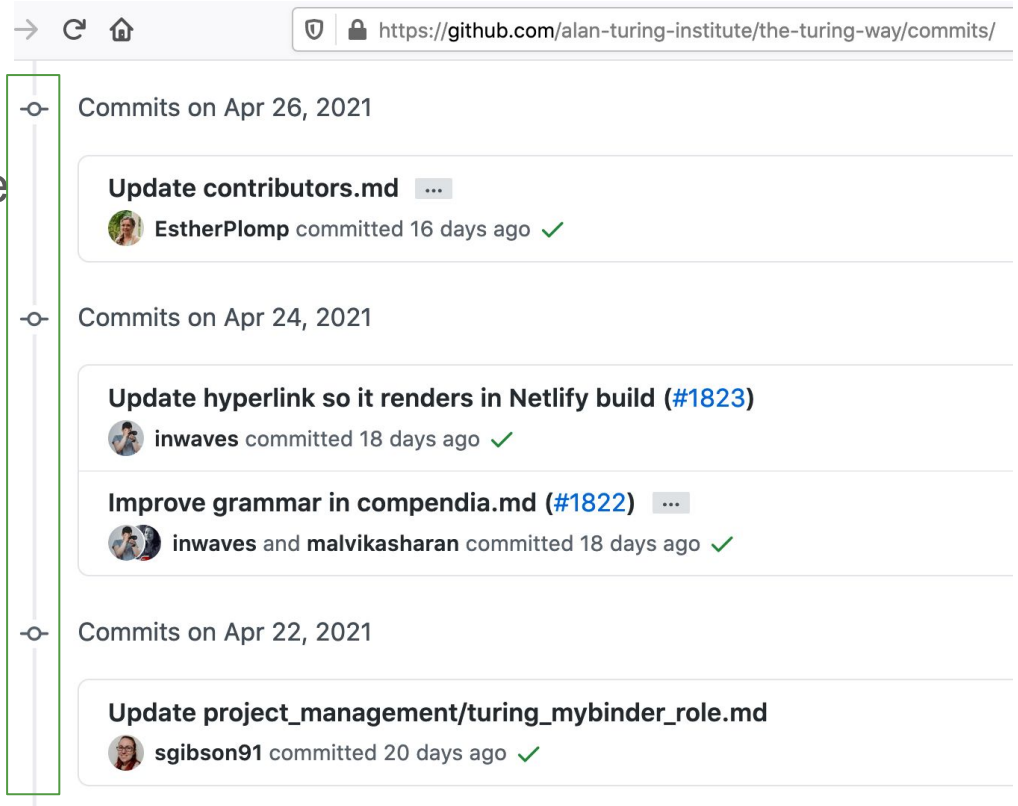
- Commit
- Branch & Fork
- Pull request
- Merge 

# Commit

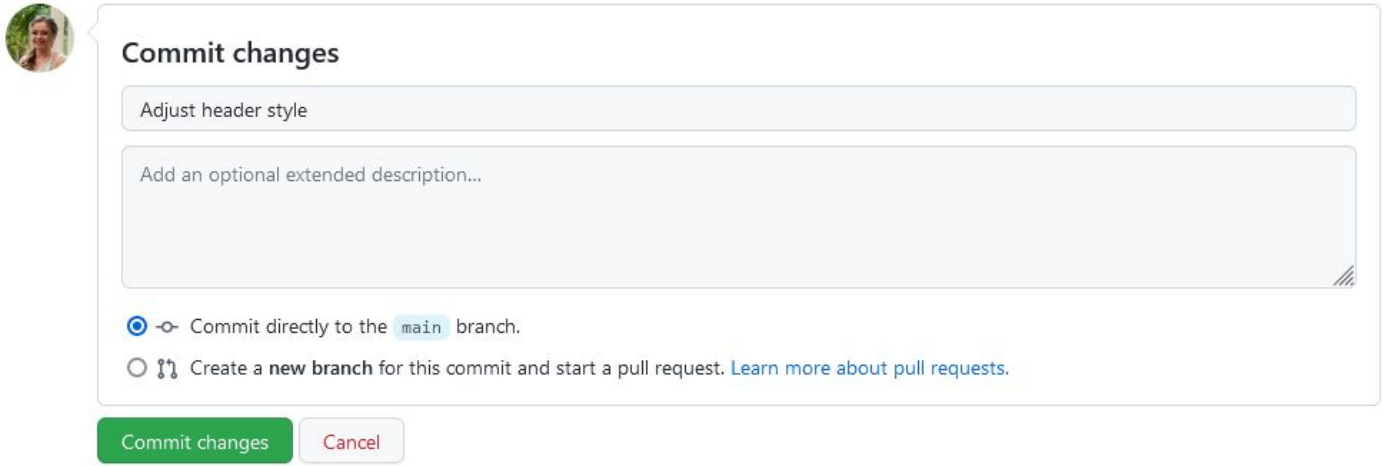
Saving a version of file(s)

- ‘commit’ changes with message (i.e.‘My first commit’)



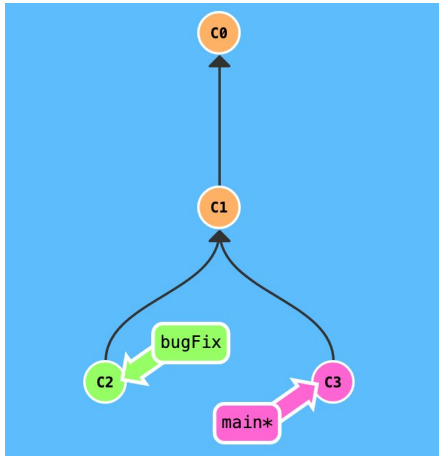



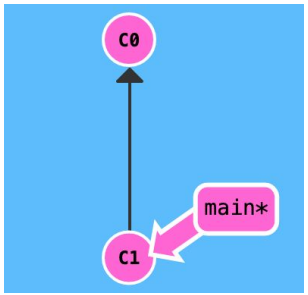
# TASK: Commit your changes to your Readme file



# Branch & Fork

- **Branch**: pointers to a specific commit in **your** repo, temporary places to work through a feature ← you have **write** access

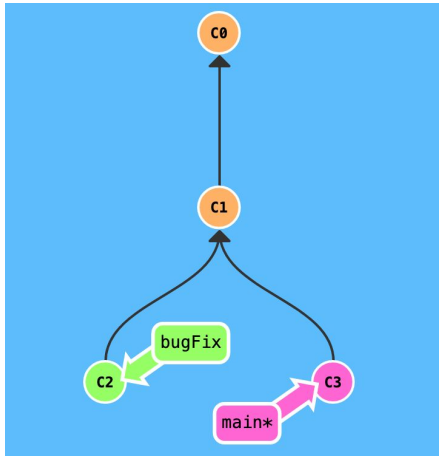


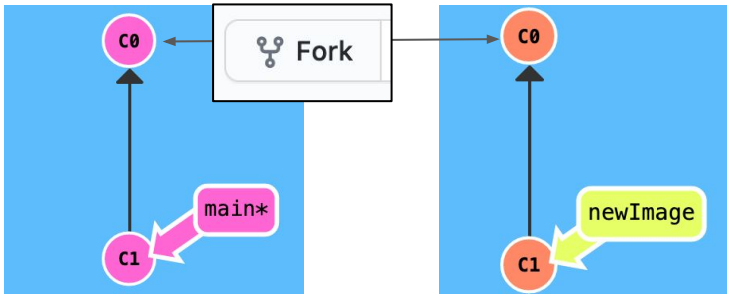




alan-turing-institute / **the-turing-way**

# Branch & Fork

- **Branch**: pointers to a specific commit in **your** repo, temporary places to work through a feature ← you have **write** access
- **Fork**: copy of repo that is an entirely **independent repo** ← no need of write access or intent to merge with the main




alan-turing-institute / **the-turing-way**

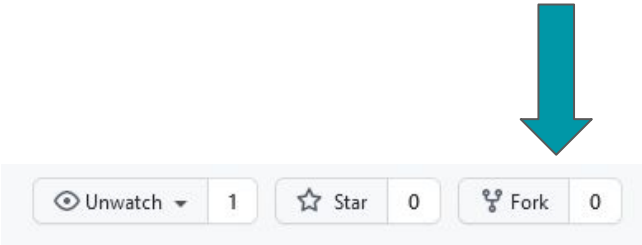
malvikasharan / **the-turing-way**

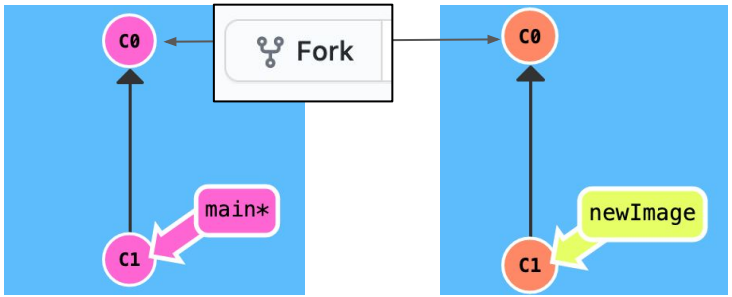
forked from alan-turing-institute/the-turing-way

# Fork

**TASK:** Fork Esther's repo

https://github.com/EstherPlomp/20211014-SeaChanges

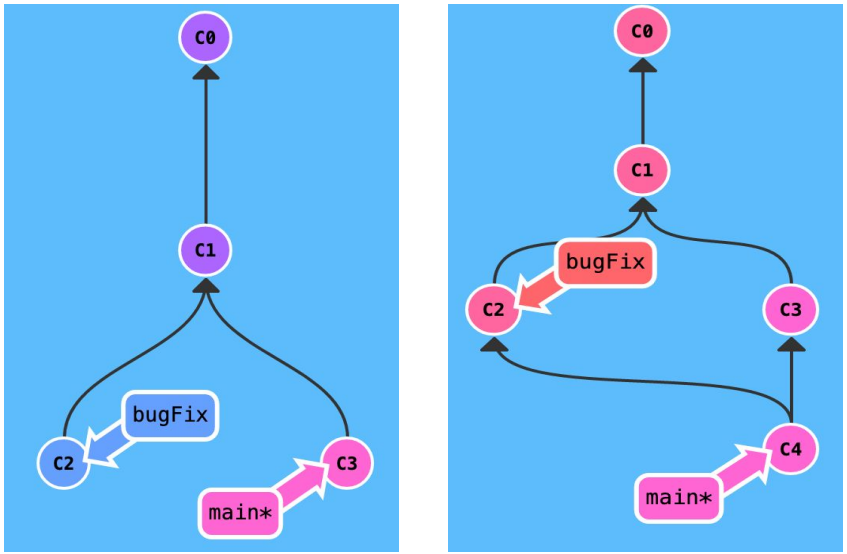



EstherPlomp / 20211014-SeaChanges Public

# Pull Request (PR)

- **PR**: Requesting to combine the work from a forked repo or two branches to the main repo



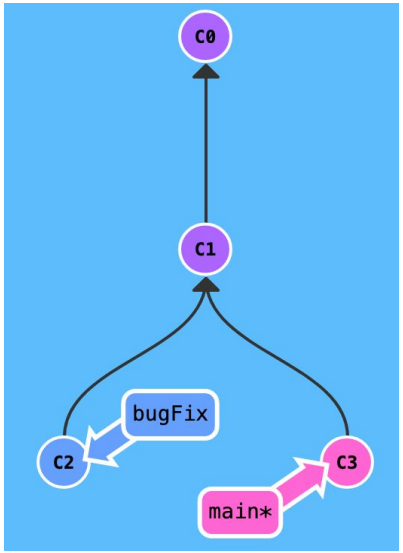
# Fork + Pull Request

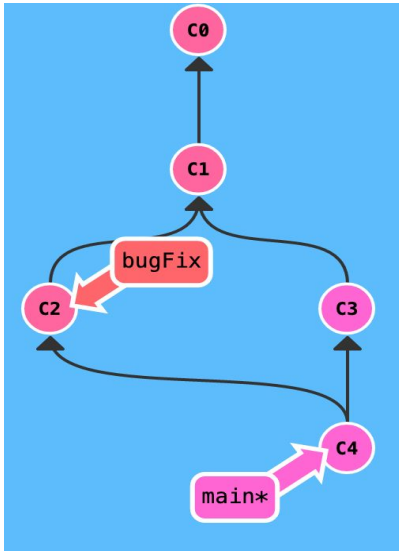
If you don’t own a repo and aren’t an official collaborator:

a. You will **fork a repo**
b. Work on your forked copy of the repo
c. **Make a pull request** for the changes you’ve made
d. Author/owner will decide to merge them in
e. Make friends + party!

# Pull Request (PR) - 1

**TASK**: Edit by adding your details “*20211014-SeaChanges/workshop-participants.md*”




20211014-SeaChanges / workshop-participants.md

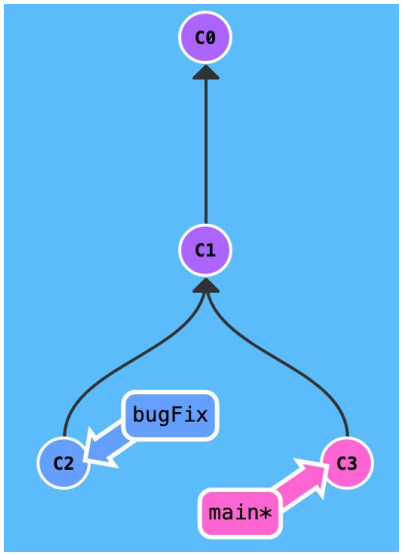
Edit this file

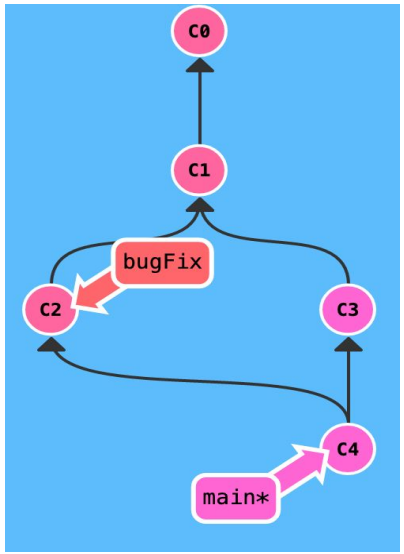
Raw Blame

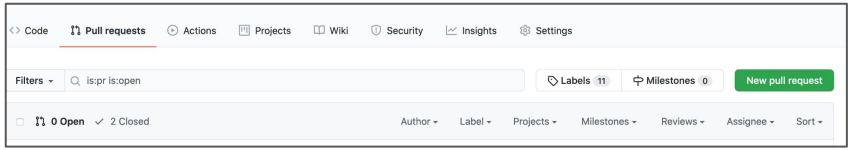
Edit file Preview Spaces 2

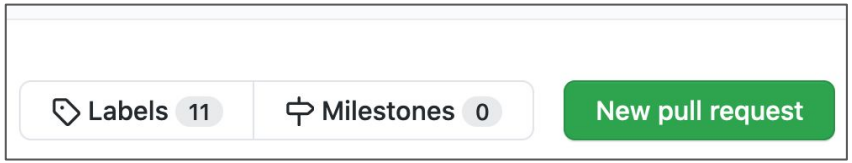
```
1  ## Sign up below by adding your details
2
3  Name / Github account / **What specific aspect of GitHub do you find challenging?**
4  * Esther Plomp / EstherPlomp / Merging conflicts
5  *
6  *
7  *
8  *
9  *
10 *
11 *
12 *
13 *
14 *
15 *
```

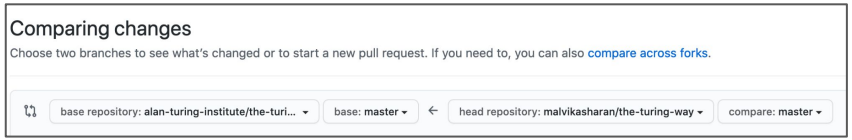
# Pull Request (PR) - 2

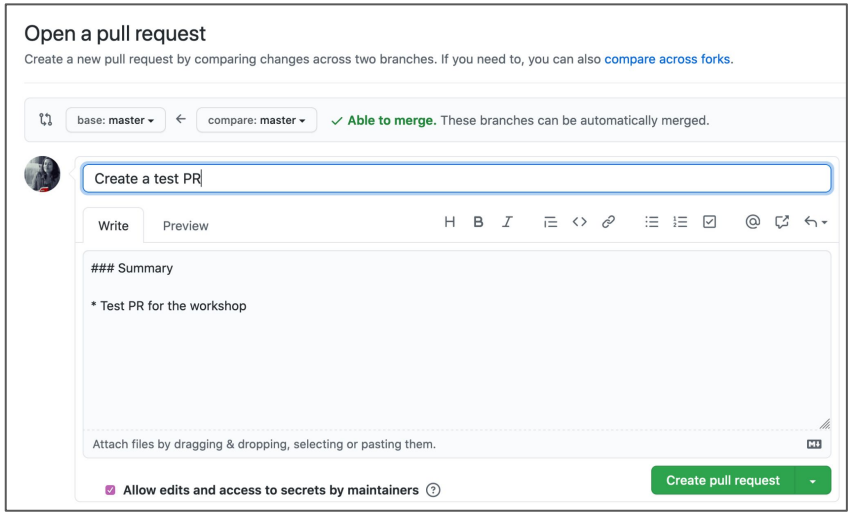


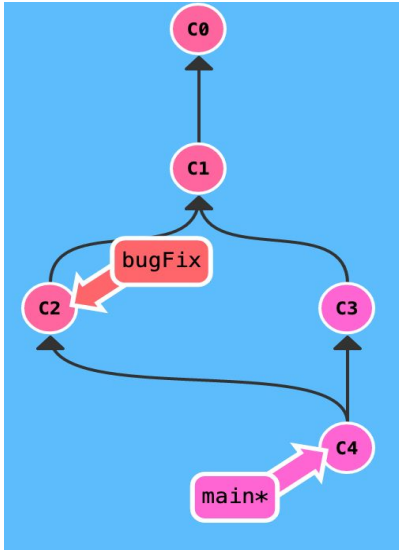



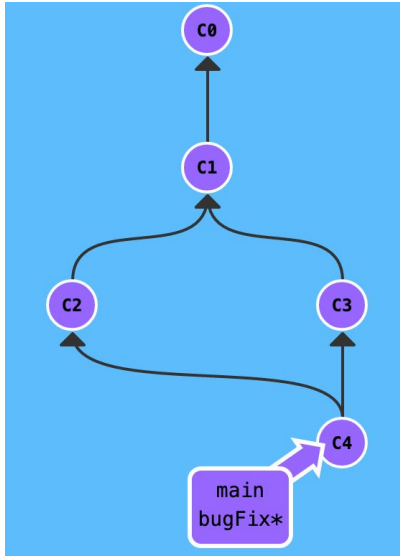



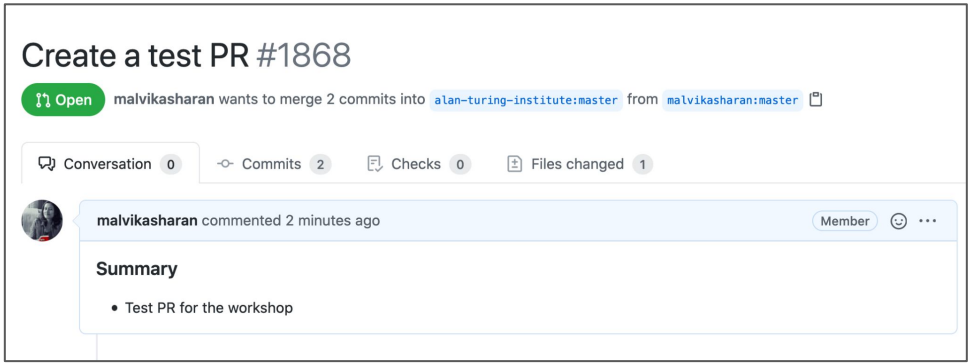



# Merge

- **Merge**: combining the work from two different branches together after review

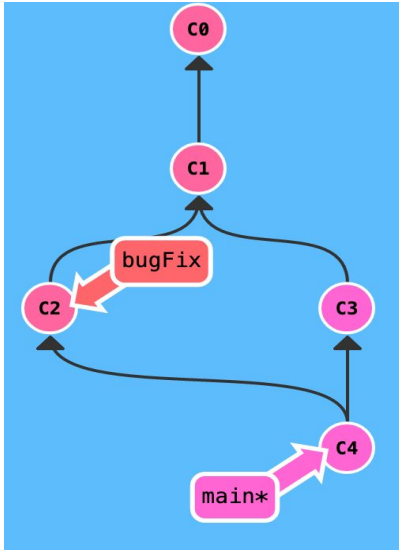


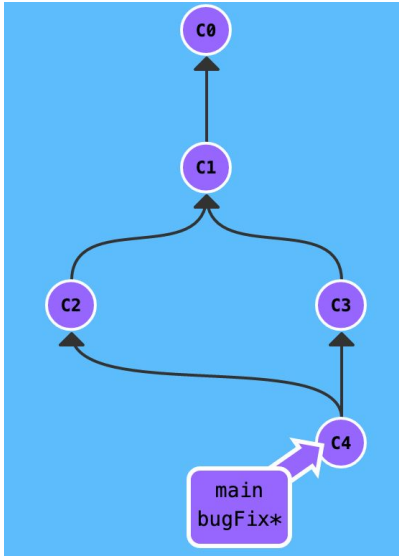



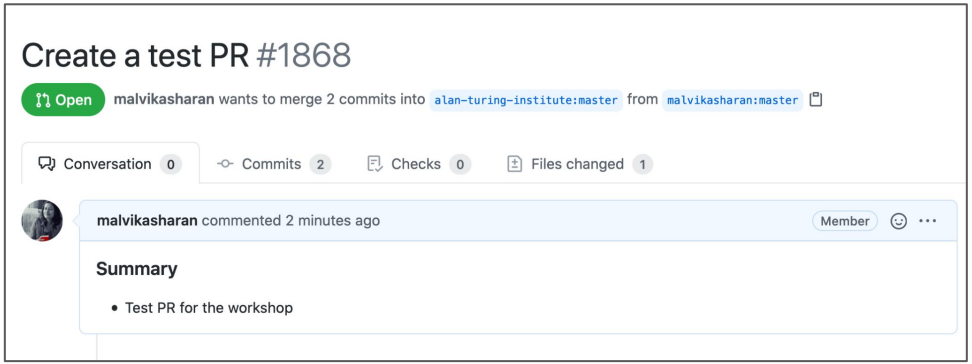



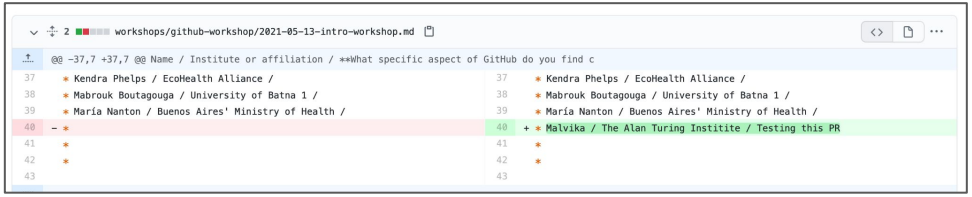
# Merge

- **Merge**: combining the work from two different branches together after review



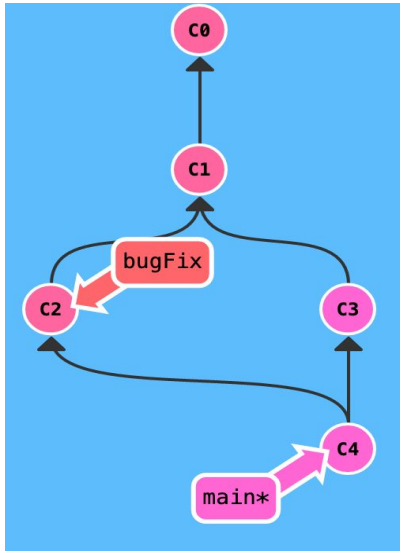



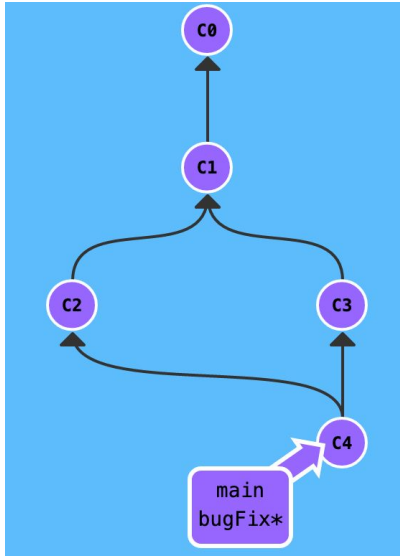



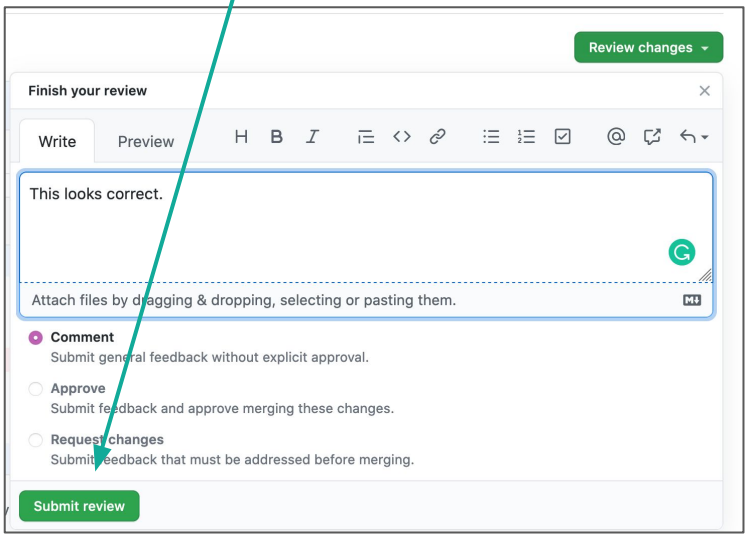


# Review before merge

Users with write access can approve and merge PRs



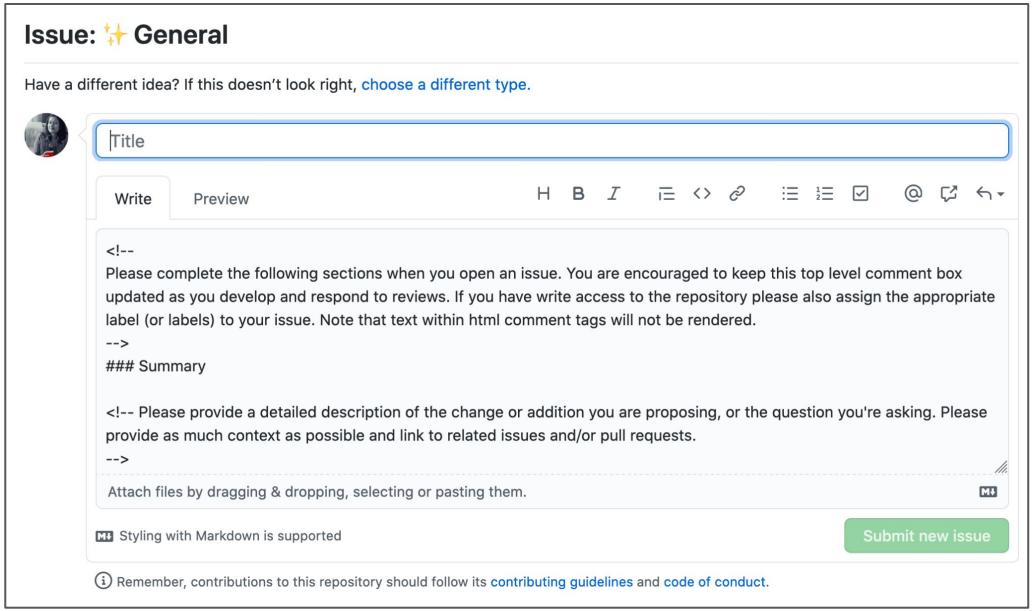



# Create an issue

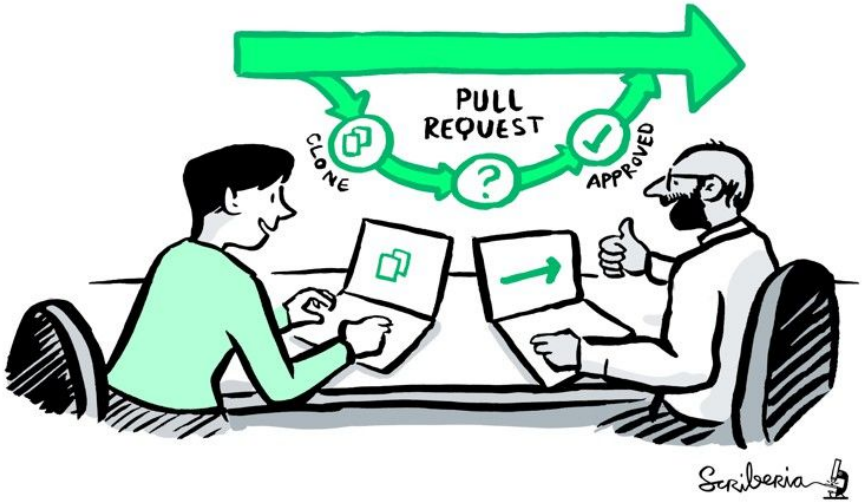
**Issues** are like posts/messages

- Report bugs and errors, propose a new idea, save notes or invite discussions
- Give a descriptive header, provide details



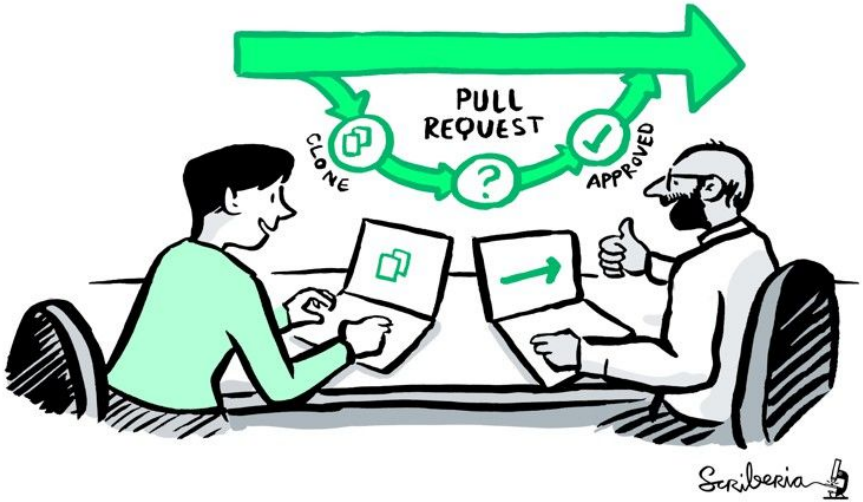
# Issue vs Pull Request (PR)

- With a **issues**, you can **propose ideas for possible changes**, and invite discussions before you **make a PR** (or do something else).
- With a **pull request**, you can **propose changes**, discuss, and iterate on before you **merge** the changes into the project.



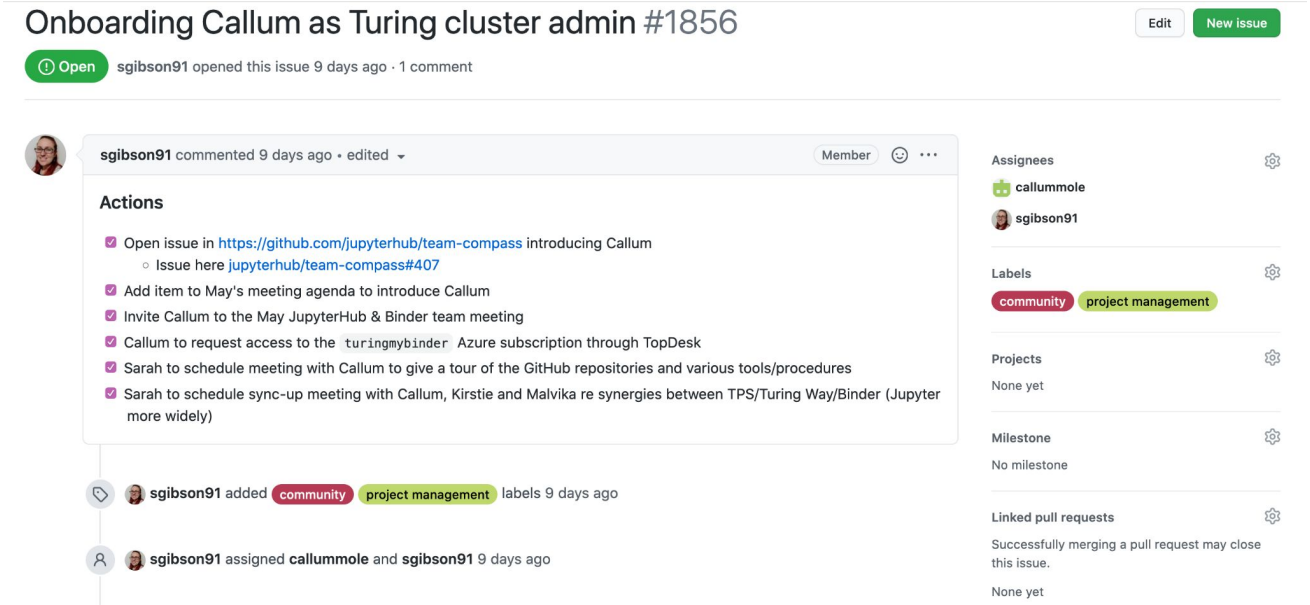
# Using Issue & PR Features

- Different **contributors can see** what you are working on and offer help, share thoughts or learn from your work.
- Provide sufficient details, respond patiently, accept constructive feedback and **invite collaboration**.



# Using Issue & PR Features

- **Advance features:** Use labels to sort or highlight relevant PRs and issues (“good first issue”) and tag people for comments/review



mozilla Science Lab

# Congratulations!

You now know:

*Commit*

*Issue*

*Pull request*

*Merge*

Create & manage "**Issues**"

**Pull Request** to add your changes into forked repo

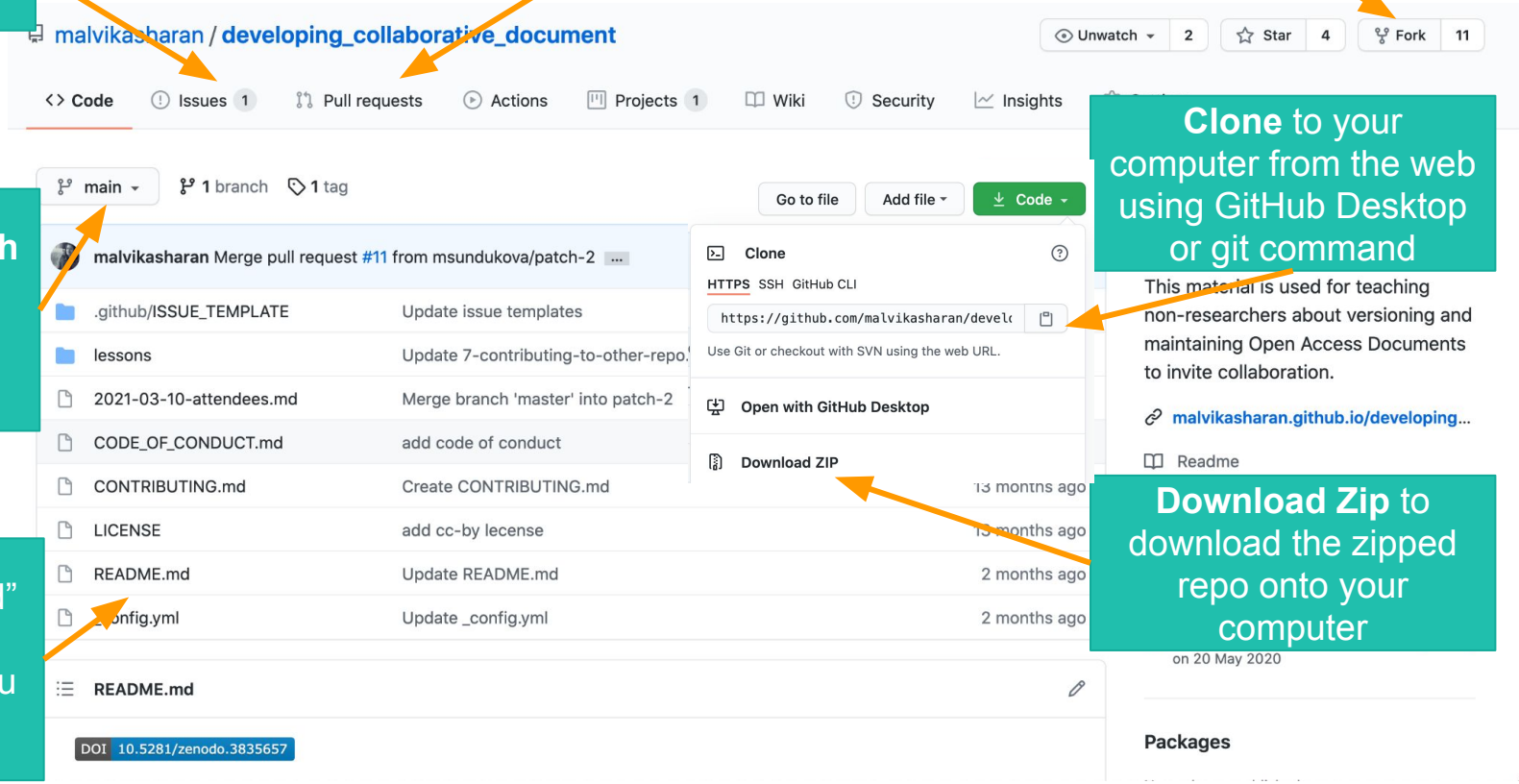
**Fork** this repo

Your default **branch** is "main" - but you can switch or add branches here

**Clone** to your computer from the web using GitHub Desktop or git command

The "README.md" is automatically rendered when you visit a repo

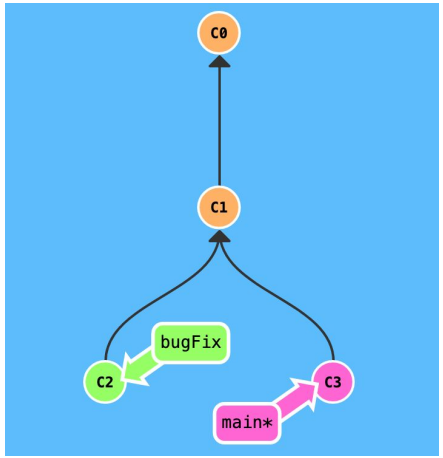
**Download Zip** to download the zipped repo onto your computer

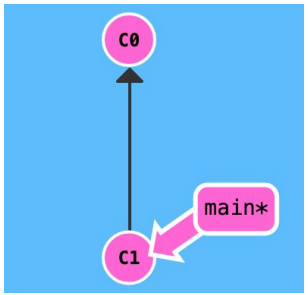


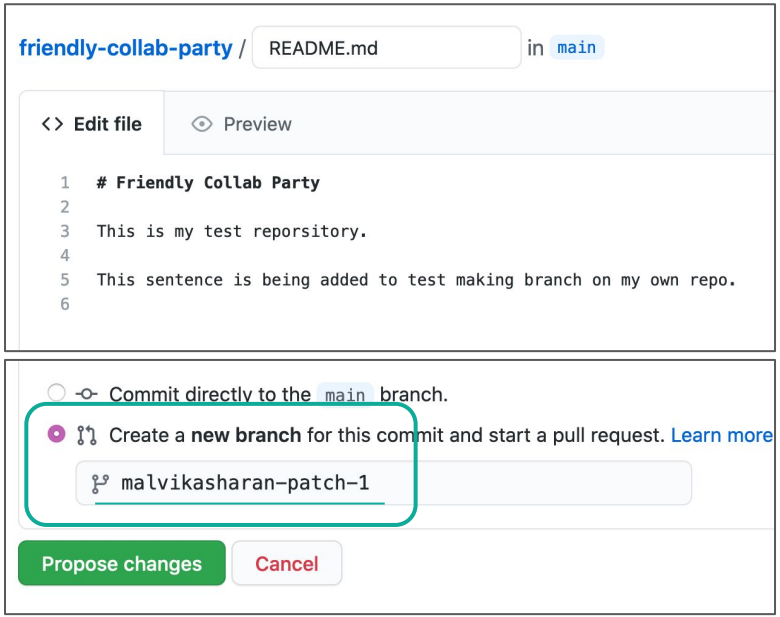
# Pull Request in your repo

# Branch & PR

- **Branch**: pointers to a specific commit in **your** repo, temporary places to work through a feature ← you have **write** access



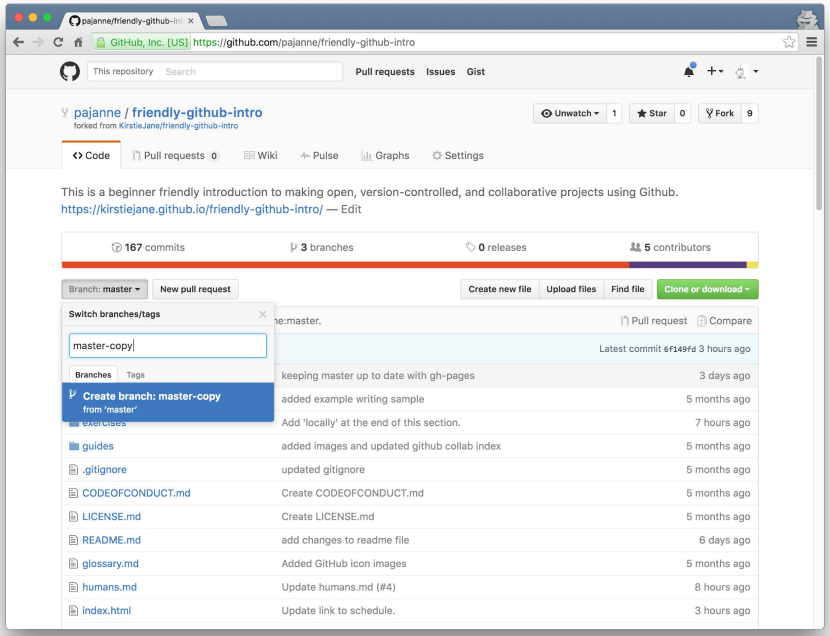



# Pull request in your own repo

**Pull request**
request to add your changes from a branch back into master

**Merge**
act of incorporating new changes (commits) from one branch to another



# Why work on a branch?

Commits on Oct 6, 2021

Merge pull request #1 from EstherPlomp/EstherPlomp-patch-1 ···
EstherPlomp committed 4 days ago ✓ Verified

Update index.html
EstherPlomp committed 4 days ago Verified

Commits on Oct 5, 2021

Update index.html
EstherPlomp committed 5 days ago ✓ Verified

Update index.html
EstherPlomp committed 5 days ago ✓ Verified

Commits on Oct 3, 2021

Update index.html
EstherPlomp committed 7 days ago ✓ Verified

Update index.html
EstherPlomp committed 7 days ago ✓ Verified

Update index.html
EstherPlomp committed 7 days ago ✓ Verified

Update index.html
EstherPlomp committed 7 days ago ✓ Verified

Update index.html
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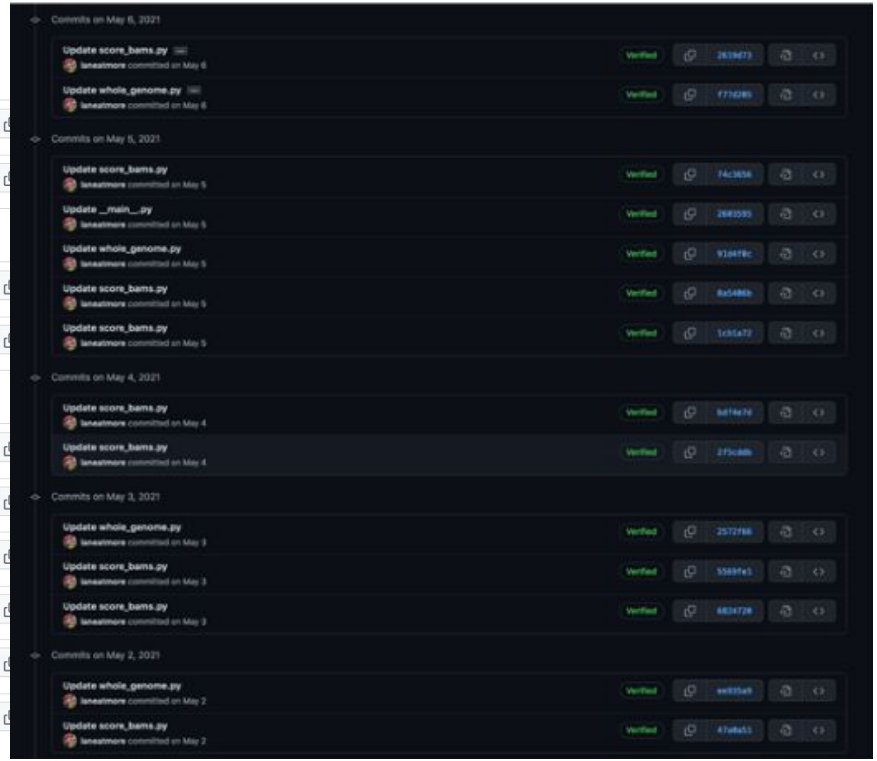
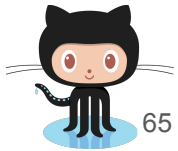
EstherPlomp committed 7 days ago ✓ Verified



# *“merge” your pull request to your repo*

https://twitter.com/asmae_toumi/status/1446907459617136641

# COFFEE!



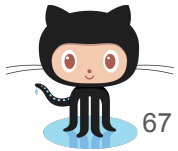
# Set up a repo for your group!

11:20 - 12:20

1. Create a repository and add your team
2. Share the files you would like to share as part of your ‘paper’
3. Decide on who will shortly present (max 5 mins!) on your repository, your challenges and your successes

# Work in groups

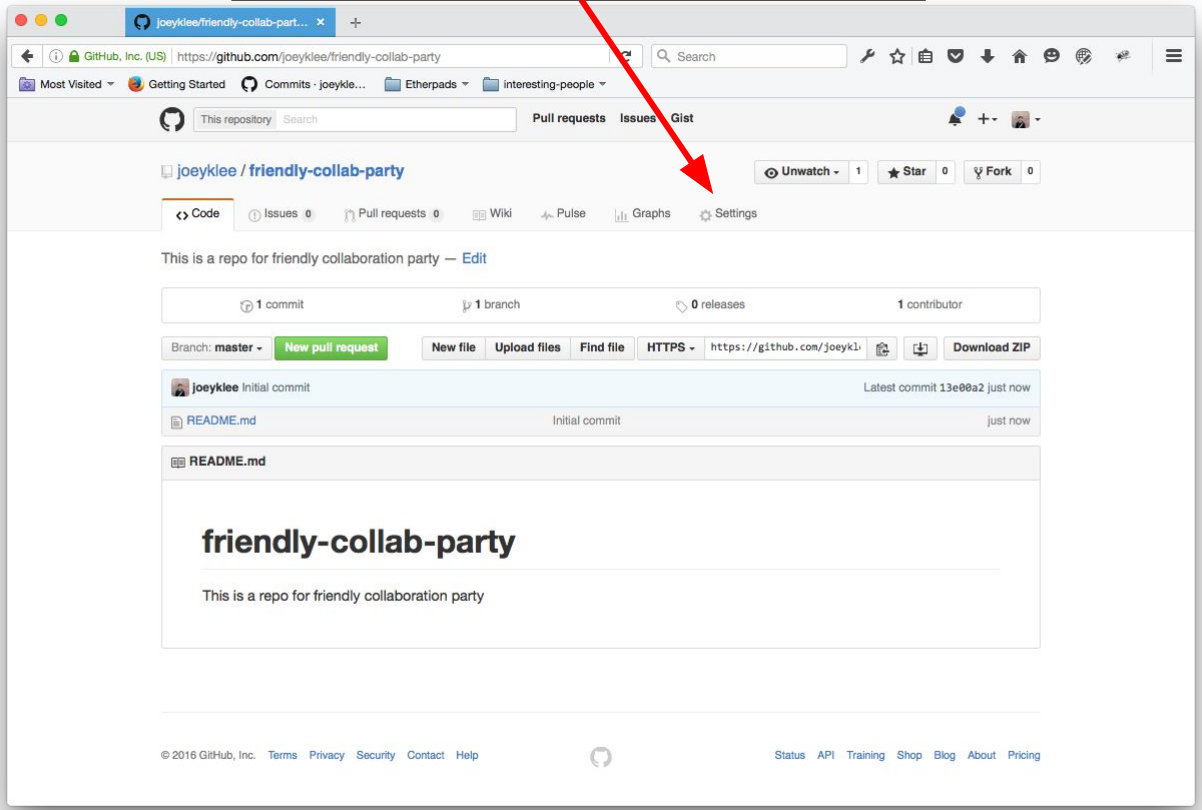
| Group 1: | Group 2: | Group 3: | Group 4: | Group 5: |
|---|---|---|---|---|
| Lulú | Fabricio | Adam | Emily | Liz |
| Rachel W | Katrien | Marie | Rachel B | Magie |
| Laura | Lucía | Giulia | Willemien | Esther |

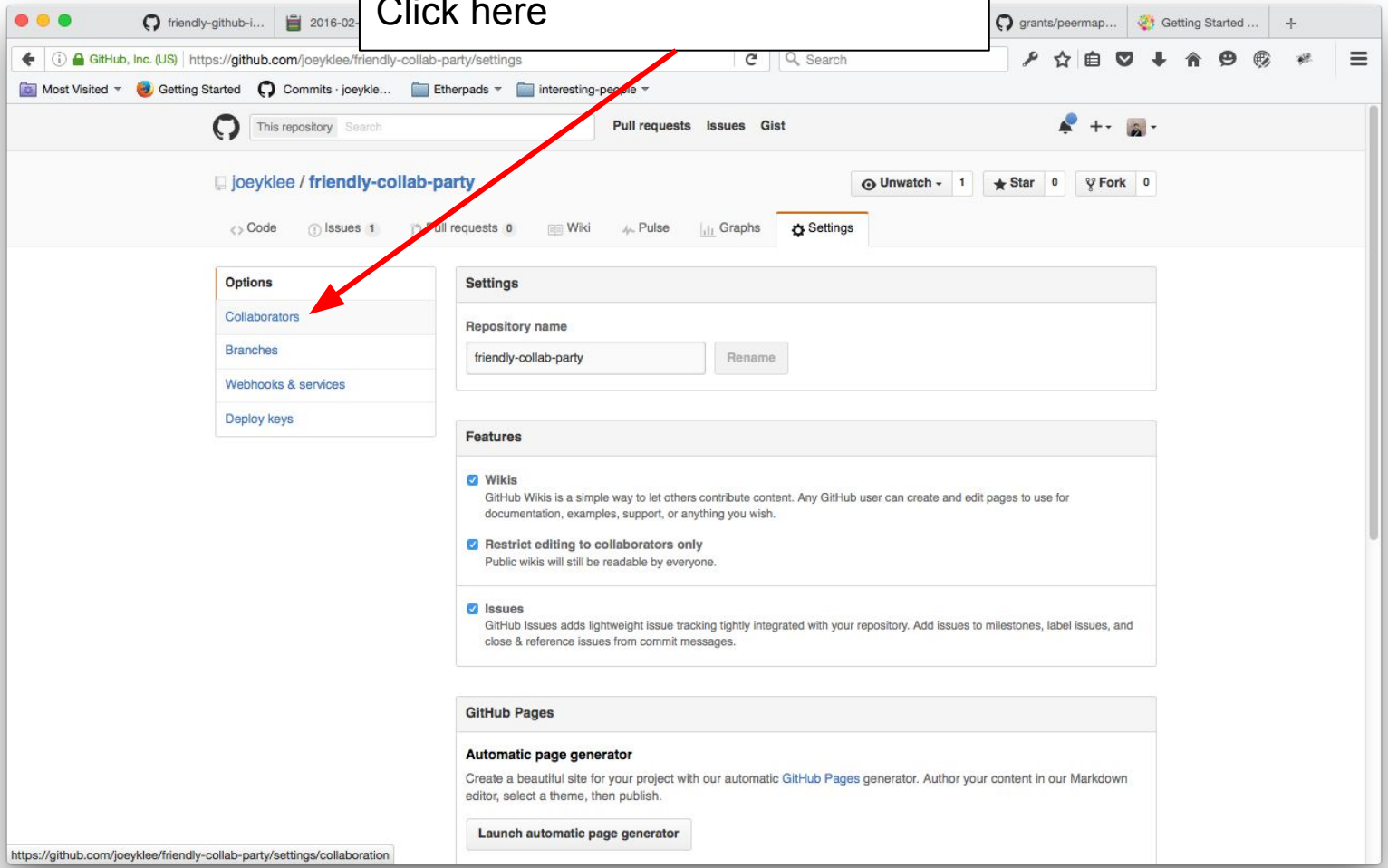


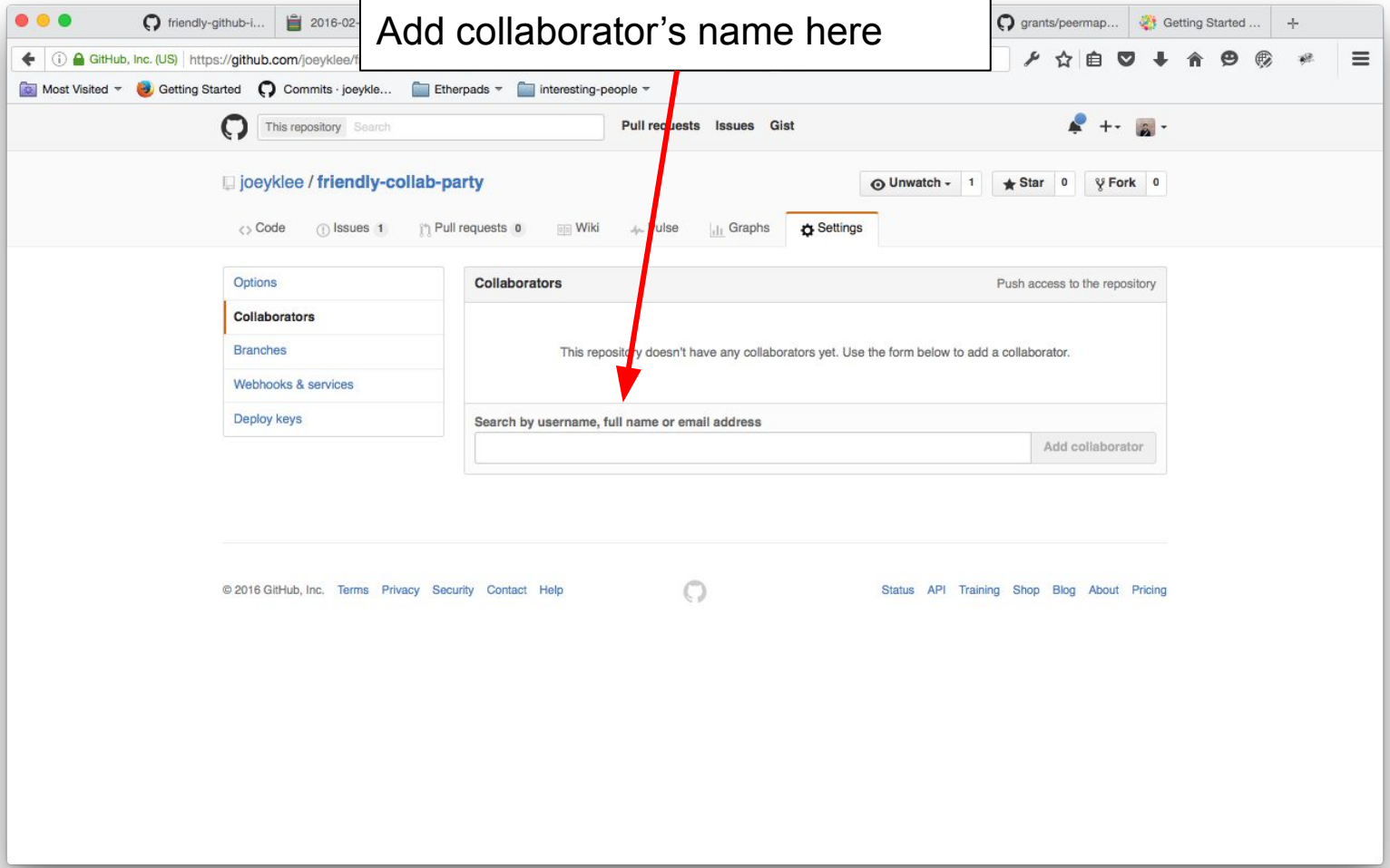
# Add collaborators

1. Only the **owner** of a repo can:
    a. **add** people as **collaborators**
    b. each collaborator can read/write files in the repo
    c. each collaborator is adding files and other content → making branches → and either directly merging changes in or via pull requests

Settings - add collaborators here

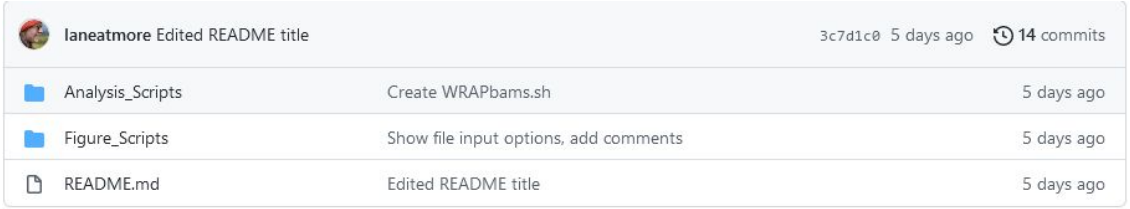


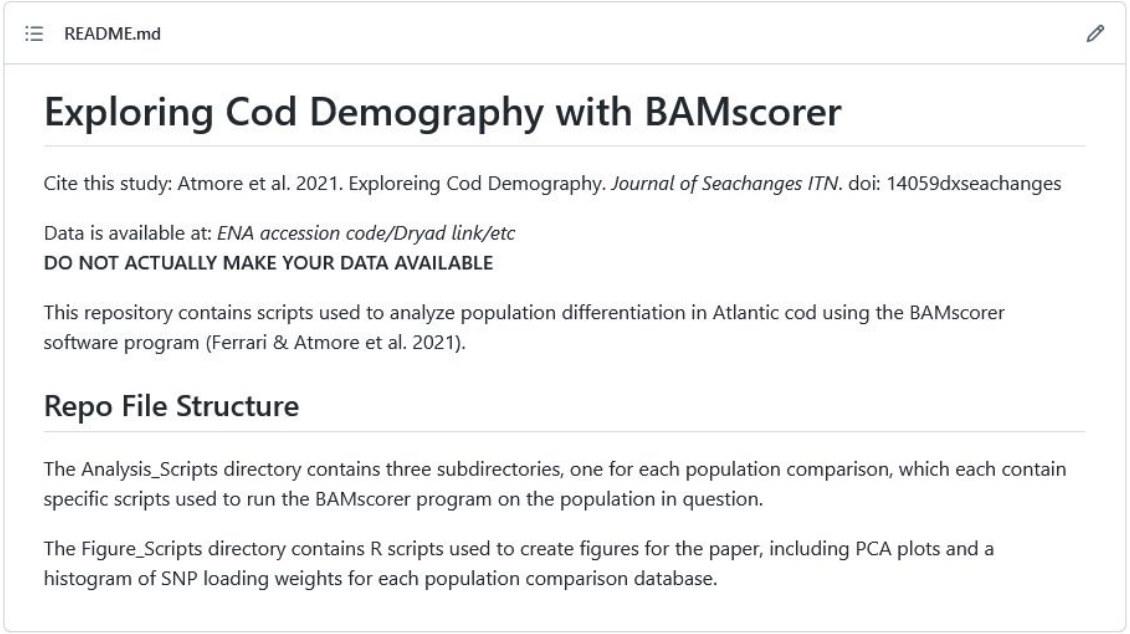

Click here
friendly-github-i...
2016-02-
grants/peermap...
Getting Started ...
GitHub, Inc. (US)
https://github.com/joeyklee/friendly-collab-party/settings
Search
Most Visited
Getting Started
Commits · joeykle...
Etherpads
interesting-people
This repository
Search
Pull requests
Issues
Gist
joeyklee / friendly-collab-party
Unwatch 1
Star 0
Fork 0
Code
Issues 1
Pull requests 0
Wiki
Pulse
Graphs
Settings
Options
Collaborators
Branches
Webhooks & services
Deploy keys
Settings
Repository name
friendly-collab-party
Rename
Features
Wikis
GitHub Wikis is a simple way to let others contribute content. Any GitHub user can create and edit pages to use for documentation, examples, support, or anything you wish.
Restrict editing to collaborators only
Public wikis will still be readable by everyone.
Issues
GitHub Issues adds lightweight issue tracking tightly integrated with your repository. Add issues to milestones, label issues, and close & reference issues from commit messages.
GitHub Pages
Automatic page generator
Create a beautiful site for your project with our automatic GitHub Pages generator. Author your content in our Markdown editor, select a theme, then publish.
Launch automatic page generator
https://github.com/joeyklee/friendly-collab-party/settings/collaboration

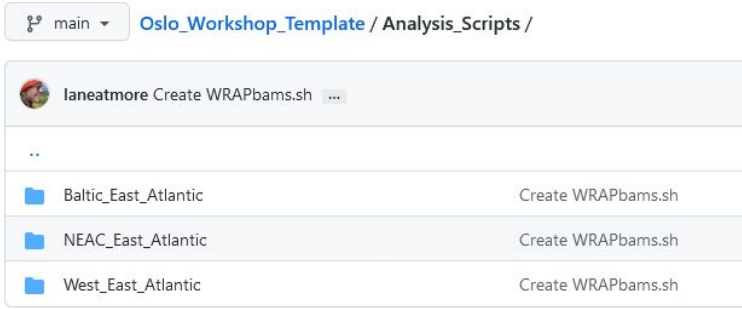

Add collaborator’s name here
joeyklee / friendly-collab-party
Unwatch 1
Star 0
Fork 0
Code
Issues 1
Pull requests 0
Wiki
Graphs
Settings
Options
Collaborators
Branches
Webhooks & services
Deploy keys
Collaborators
Push access to the repository
This repository doesn't have any collaborators yet. Use the form below to add a collaborator.
Search by username, full name or email address
Add collaborator
© 2016 GitHub, Inc. Terms Privacy Security Contact Help
Status API Training Shop Blog About Pricing

# *Create your repository and add your collaborators*

# Set up your repository




https://github.com/laneatmore/Oslo_Workshop_Template

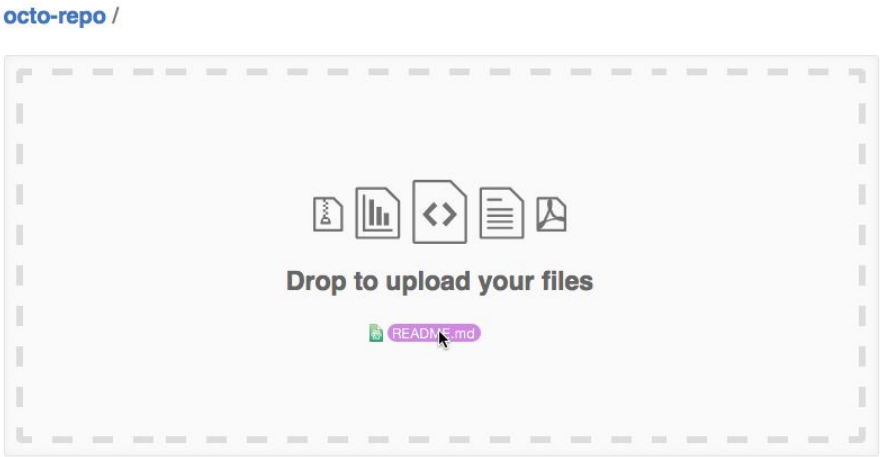
# *Set up your repository*

https://github.com/bvreede/good-enough-project

```
.
├── .gitignore
├── CITATION.md
├── LICENSE.md
├── README.md
├── requirements.txt
├── bin                <- Compiled and external code, ignored by git (PG)
│   └── external       <- Any external source code, ignored by git (RO)
├── config             <- Configuration files (HW)
├── data               <- All project data, ignored by git
│   ├── processed      <- The final, canonical data sets for modeling. (PG)
│   ├── raw            <- The original, immutable data dump. (RO)
│   └── temp           <- Intermediate data that has been transformed. (PG)
├── docs               <- Documentation notebook for users (HW)
│   ├── manuscript     <- Manuscript source, e.g., LaTeX, Markdown, etc. (HW)
│   └── reports        <- Other project reports and notebooks (e.g. Jupyter, .Rmd) (HW)
├── results
│   ├── figures        <- Figures for the manuscript or reports (PG)
│   └── output         <- Other output for the manuscript or reports (PG)
└── src                <- Source code for this project (HW)
```

# How to add files?

- Web interface
- GitHub desktop
- Terminal/Git
- RStudio

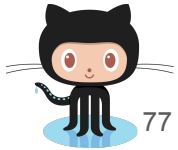



https://docs.github.com/en/repositories/working-with-files/managing-files/adding-a-file-to-a-repository

# Share out!

| Group 1: | Group 2: | Group 3: | Group 4: | Group 5: |
|---|---|---|---|---|
| Lulú | Fabricio | Adam | Emily | Liz |
| Rachel W | Katrien | Marie | Rachel B | Magie |
| Laura | Lucía | Giulia | Willemien | Esther |

# Make your repo FAIR



# FAIR

FAIR? (Presentation slides)
GO FAIR overview
Wilkinson et al. 2016 (Paper on FAIR)
The Turing Way: FAIR (general overview)

29

**Findable**

- Archive your data in a data repository with metadata and a persistent identifier

**Accessible**

- Determine what should be shared
- Ensure there is an access procedure in place
- ≠ open!

- Use open/common formats and languages
- Consistent vocabulary
- Metadata standards

**Interoperable**

- Apply a licence to specify how others can reuse your data
- Documentation

**Reusable**

https://doi.org/10.5281/zenodo.4638744

Data Article

# Neodymium isotopes in modern human dental enamel: An exploratory dataset for human provenancing

Esther Plomp

https://doi.org/10.1016/j.dib.2021.107375

| | |
|---|---|
| Data accessibility | Repository: IsoArcH [1]<br>Data identification number: 10.48530/isoarch.2021.011<br>Direct URL: 10.48530/isoarch.2021.011<br>Software availability: https://doi.org/10.5281/ZENODO.5150520 [6]<br>Data is available under the Creative Commons BY-NC-SA 4.0 license. |

**References**

[5] E. Plomp, Neodymium isotopes in modern human dental enamel: an exploratory dataset, IsoArcH (2021), doi:10.48530/ISOARCH.2021.011.
[6] E. Plomp, J.C. Peterson, [software] EstherPlomp/figures-Nd-data, Zenodo, 2021. doi:10.5281/ZENODO.5150520.
[7] C. Stantis, [software] stantis/IsoDataVis: first (Official) release, Zenodo, 2021. doi:10.5281/ZENODO.4743734.

Data Article

# Neodymium isotopes in modern human dental enamel: An exploratory dataset for human provenancing

Esther Plomp

https://doi.org/10.1016/j.dib.2021.107375

Data accessibility

Repository: IsoArcH [1]
Data identification number: 10.48530/isoarch.2021.011
Direct URL: 10.48530/isoarch.2021.011
Software availability: https://doi.org/10.5281/ZENODO.5150520 [6]
Data is available under the Creative Commons BY-NC-SA 4.0 license.

**References**

[5] E. Plomp, Neodymium isotopes in modern human dental enamel: an exploratory dataset, IsoArcH (2021), doi:10.48530/ISOARCH.2021.011
[6] E. Plomp, J.C. Peterson, [software] EstherPlomp/figures-Nd-data, Zenodo, 2021. doi:10.5281/ZENODO.5150520.
[7] C. Stantis, [software] stantis/IsoDataVis: first (Official) release, Zenodo, 2021. doi:10.5281/ZENODO.4743734.

# Documentation/readme

README.md

## Figures-Nd-data

Data and code underlying the figures of the article 'Neodymium isotopes in modern human dental enamel: an exploratory dataset for human provenancing'

## Installation

These scripts were generated in R and RStudio (Version 1.4.1717). Required packages: tidyverse.

Installation of the package and loading the data should only take several minutes.

## How to use

You should copy both the .Rmd file and the data files to an R project if you want to reproduce the figures. Otherwise, browse the Rmd file and see what is of reuse to you :)

### Output / Figures 1 and 2

Examples of the resulting images are found in the "Images" directory.

#### Notes

Mind whether you are using . or , in your dataset (see the #remove comma's comments in the scripts).

## Contributors

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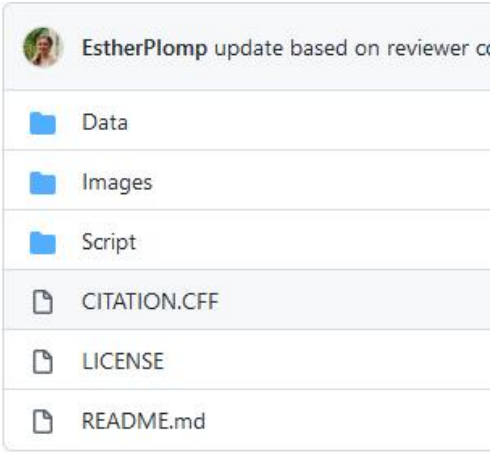
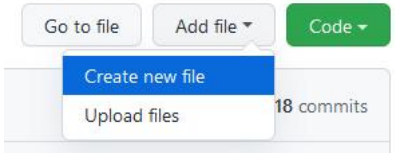
## License

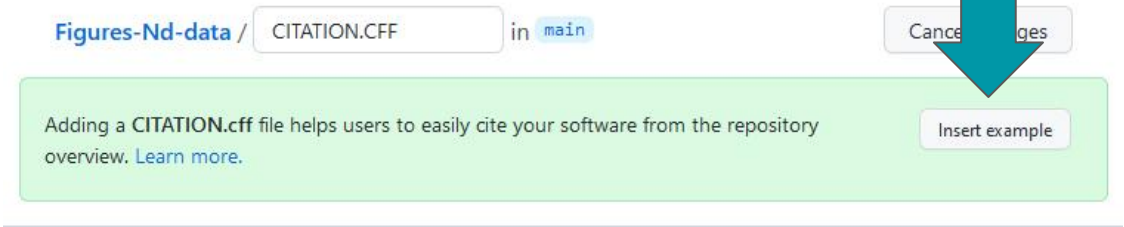
This project is licensed under the MIT License - see the LICENSE.md file for details.

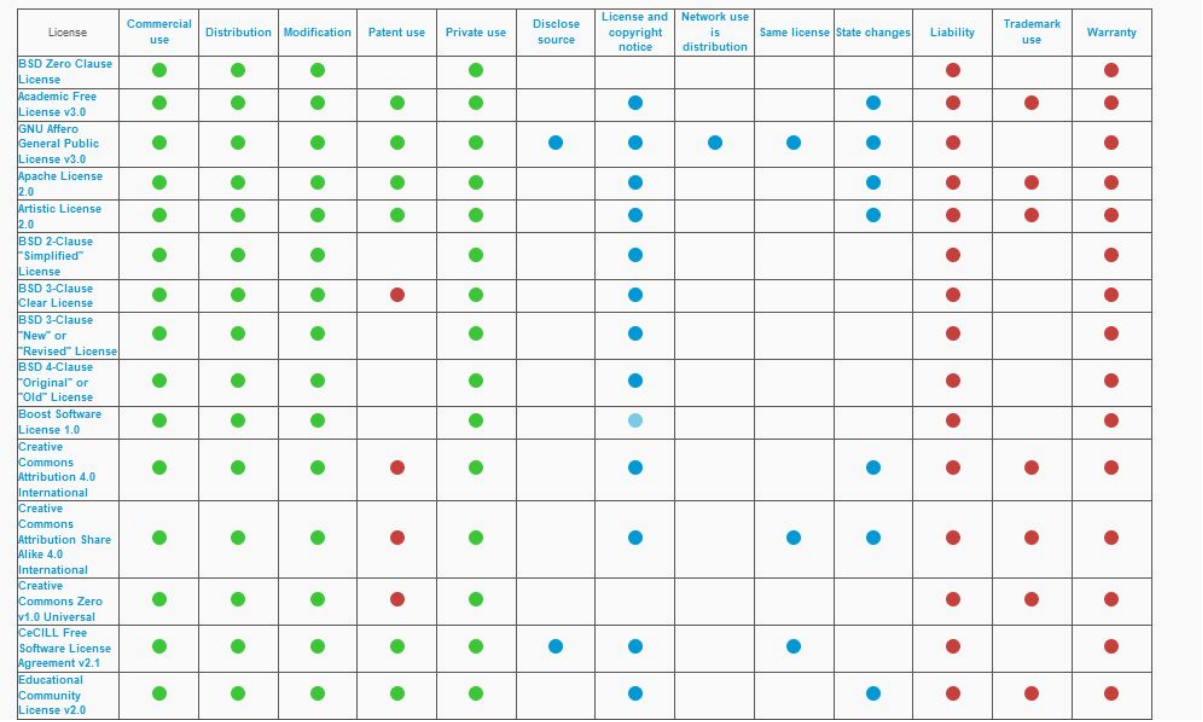
https://github.com/EstherPlomp/Figures-Nd-data

# Create a CITATION.cff file in your repository, which will provide you with an example template that you can fill in in two minutes.





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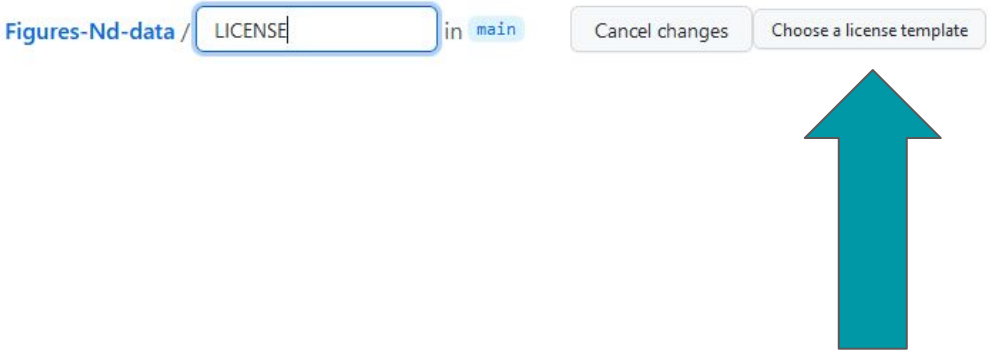
Data:
Creative Commons License Chooser

Software:
Choose an open source license

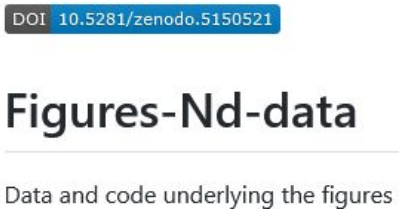
https://choosealicense.com/appendix/

# Add a license when you create the repository or create a new file.



# Getting a persistent identifier

1. Have a repository in mind that you're creating the identifier for
2. Set up an account at Zenodo (using your GitHub, email or ORCID)
3. Connect GitHub/Zenodo by authorizing Zenodo
4. On Zenodo, go to Settings -> GitHub, then toggle the button on for the repository that you want an identifier for
5. On GitHub: create a new release for your repository (snapshot that will be preserved on Zenodo)
6. On Zenodo: go to the Upload tab and add any additional information before publishing.
7. On GitHub you can update your citation file with the DOI and add a DOI button in your Readme file




https://guides.github.com/activities/citable-code/

# How to continue?

# Setting up an Open Science project using GitHub:

https://openlifesci.org/ - Round 5 in ~February

# Contribute to The Turing Way

- Check out any issues
- Join a coworking call on Mondays or the Collaboration Cafe every two weeks on the Wednesday
- You can contact The Turing Way team by emailing theturingway@gmail.com.
- Connect with others and discuss your ideas on Slack using this invitation link.

# Sharing your repo during anonymous peer review

The 5 Best Anonymous File Sharing and Hosting Sites

Create a View-only Link for a Project (using the Open Science Framework)

Anonymous GitHub

# Useful GitHub resources

Useful GitHub resources (based on https://github.com/alan-turing-institute/the-turing-way/blob/master/workshops/github-workshop/2021-05-13-intro-workshop.md)

- GitHub for Collaboration (from Mozilla)
- Understanding the GitHub workflow
- A Friendly Github Intro Workshop (from Danielle Robinson)
- GitHub help
- Oh Shit, Git!?!
- Try Git
- Git book
- GitHub glossary
- Writing on Github
- Markdown Cheatsheet
- Git workflow

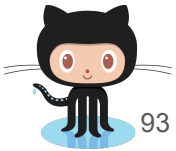
# Join this non-code related meeting!

https://docs.google.com/forms/d/e/1FAIpQLSdxv9ORz9lefn7y5v-UmUxFSS-rFxHgDbR_OtewYEmaXcRGNg/viewform

Happy Making!

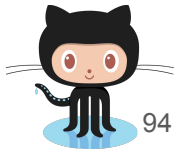
Thanks!

# Extra stuff



# Create a website

- Share things simply
- Invite people interested in your project to collaborate
- Be open about the project status and invite fixes
- Branding: decide what you communicate to people instead of them finding out through other platforms



# Working with GitHub Pages

- A static site hosting service that takes HTML (or related) files straight from a repository on GitHub
- You can host your site on GitHub's **github.io** domain or your own custom domain

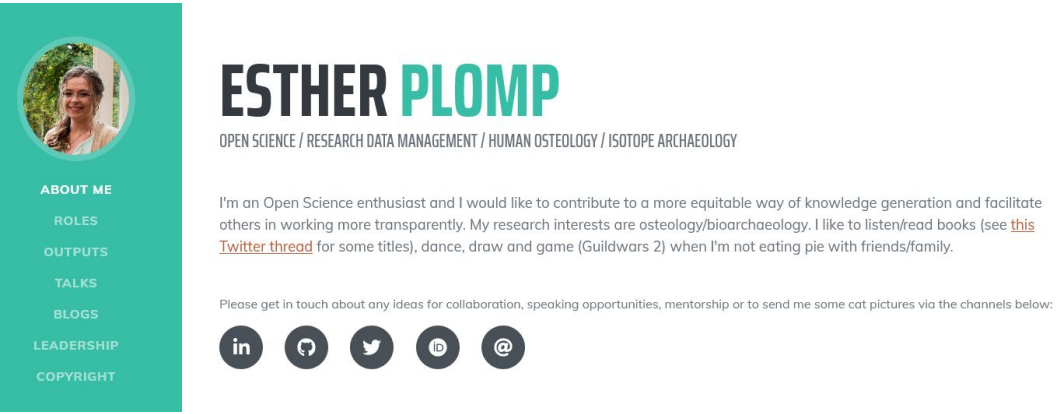
# Creating your site

Under your repository name, click ⚙ **Settings**.

Reference: https://help.github.com/en/github/working-with-github-pages/creating-a-github-pages-site

# See examples

- Simple Theme: https://github.com/malvikasharan/developing_collaborative_document
- Advanced websites using Hugo: https://sgibson91.github.io/ / https://themes.gohugo.io
- Advanced websites using Jekyll: https://openlifesci.org/
- Choose from many free and open source templates




To load the proper files, change the dist directory to docs and change the directory in GitHub pages to docs.

https://github.com/StartBootstrap/startbootstrap-resume

## Download and Installation

To begin using this template, choose one of the following options to get started:

- Download the latest release on Start Bootstrap
- Install using npm: `npm i startbootstrap-resume`
- Clone the repo: `git clone https://github.com/StartBootstrap/startbootstrap-resume.git`
- Fork, Clone, or Download on GitHub

# Contribute

https://github.com/benmarwick/ctv-archaeology

**CRAN Task View: Archaeological Science**

- Check the Readme to see how you can contribute, for example:
  - Add a paper with R code to the overview
  - Add a resource (see the Readme for an overview)

# Contribute

The Turing Way (hacktoberfest issues/PRs!)

https://github.com/alan-turing-institute/the-turing-way/issues/2108 (fix headers with markdown)

https://github.com/alan-turing-institute/the-turing-way/issues/2107 (translate the Turing Way readme file)

# Connect RStudio to Git and GitHub

- WORCS, Workflow for Open Reproducible Code in Science (longer presentation involving the broader context that WORCS fit in here)
- https://happygitwithr.com/rstudio-git-github.html
- How to Use Git/GitHub with R
- https://github.com/jstbcs/ReproducibleWorkflowWorkshop

# Address an issue - 1

https://github.com/EstherPlomp/TNW-PhD-Newsletters/blob/main/Newsletters/20211006-n20.md

You can:
1) fix the issue
2) Let me know what I can do to write a clearer issue through a comment

## Software

- In September '**SeptembRSE**' took place. This was the Fifth Conference of Research Software Engineers. Recordings of the sessions are available on YouTube. See for example the workshop on software design and sustainability (starts at 8 min, with the more practical part at 1.20-2.14 and the coding/interactive part at the end), the discussion session on software testing, the panel on 'missing narratives in discussions around diversity and inclusion in research software', and a session on the different aspects of the RSE roles.
- Hesitant about **sharing your software/code?** This Twitter thread by Colin Angus highlights the benefits.
- Doubting whether your **software is ready to be published** in the Journal of Open Source Software? [Read a blogpost about to know for sure].
- **Python:**

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Link not working in newsletter 20 #1

Open EstherPlomp opened this issue 4 minutes ago · 0 comments

**EstherPlomp** commented 4 minutes ago Owner

The link to the blogpost about the Journal of Open Source Software is not working!

The link should be: http://pdebuyl.be/blog/2021/joss-ready.html

https://github.com/EstherPlomp/TNW-PhD-Newsletters/issues/1