



Git Good: Using Github for Collaboration in Open Source Communities

Hari Sood, Sophia Batchelor, and
Anne Lee Steele, Esther Plomp



Introductions



Hari Sood
Research Application
Manager
Alan Turing Institute
Core Contributor,
The Turing Way



Sophia Batchelor
Community Manager
Alan Turing Institute
Core Contributor,
The Turing Way



Anne Lee Steele
Community
Manager,
Alan Turing Institute
The Turing Way



Esther Plomp
Data Steward,
Delft University of
Technology, TNW.
Core Contributor
The Turing Way

Overview



1. What is *The Turing Way*?
2. Github Workshop
3. Contributing to *The Turing Way*
4. Celebrations

Overview

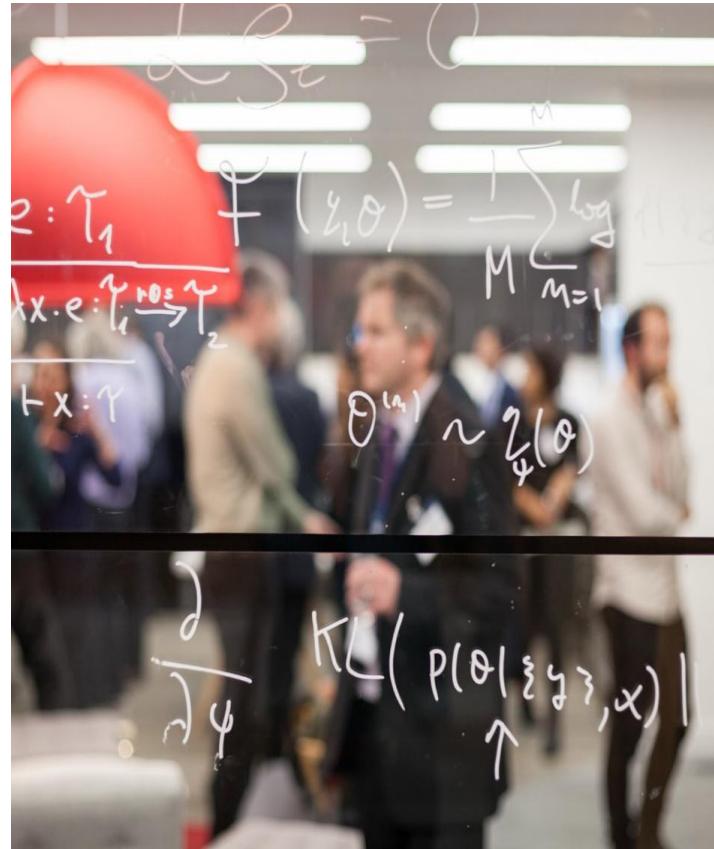


1. **What is *The Turing Way*?**
2. Github Workshop
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4. Celebrations

The Alan Turing Institute

Established in 2015 as the National Institute for Data Science and AI

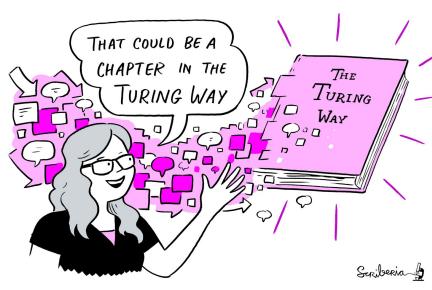
- Advanced world-class research and apply it to real-world problems
- Train the leaders of the future
- Lead the public conversation



The Turing Way

An Open Source guide on Data Science

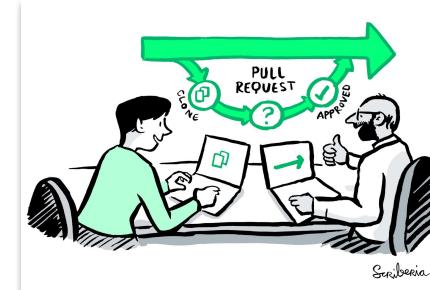
We involve and support a diverse community to make data science reproducible, ethical, collaborative and inclusive for everyone



A Book



A Global Community



An Open Source Project



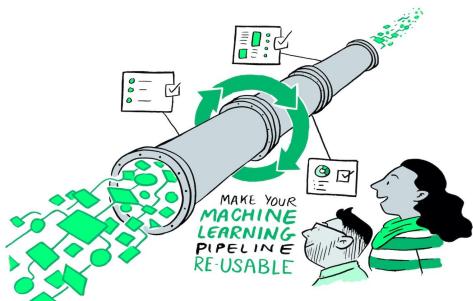
A Culture of Collaboration

What is open source?

- Roots in free software movement
- Licensing allowed for modifications and derived works
- Developed into free and open source software (F/OSS) movement
- Influenced ‘open’ movements: open knowledge, open data, open access, open science



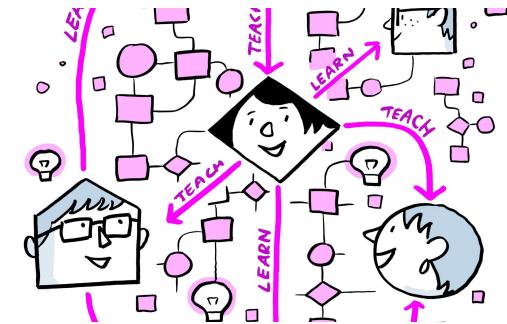
The Turing Way Guides



Reproducibility



Project Design



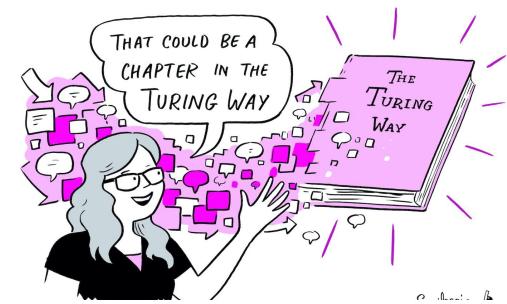
Communication



Collaboration

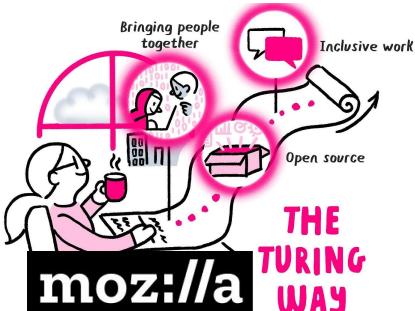


Ethical Research



Community Handbook

The Turing Way



Proposal by Kirstie Whitaker approved

Create README.md
KirstieJane committed on 1 Nov 2018



2018

The Alan Turing Institute

2019

Book launched with **10 members**, **3 chapters**, many workshops, **2 Book Dashes**. Year ended with Several chapters by **67 contributors**



Book Dash 2020,
Project expanded to **five guides**,
Community Handbook, social media,
Translation started. **238 contributors**.

2020



Logo was designed
with Scriberia

2021

Project growth, **134+ chapters** citation in peer reviewed articles, government reports and policies, new projects emerged as extension. **309 contributors**

Highly commended: *The Turing Way*, The Turing Way Community, The Alan Turing Institute



250+ live chapters, 340+ contributors, 3000+ Twitter followers, 3000+ monthly visitors of the five guides.

2 project leads, a community manager, 10+ part paid staff, volunteer members, 4 translation and localisation leads.

2022

How we practice collaborative open source



Tools



Practices

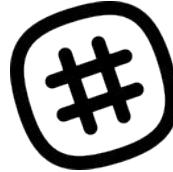


Systems

The Turing Way: Tools



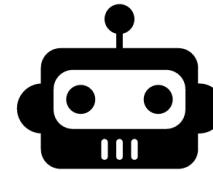
Open Knowledge
Management



Community
engagement



Publication &
citation



Acknowledgement

The Turing Way: Practices



Community
support



Review &
Verification



Maintenance



Localisation

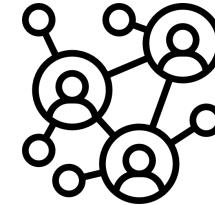
The Turing Way: Systems



Open Research
infrastructure



Community
infrastructure



Network
infrastructure

The Turing Way: Systems



Open Research
infrastructure



Community
infrastructure



Network
infrastructure

Key Practices for Collaboration

MENTORED CONTRIBUTIONS



Develop & share



Maintain & improve



Share resources



Review and update



Make it global



Share best practices

Key Practices for Collaboration

MENTORED CONTRIBUTIONS



Develop & share



Review and update

FIXING LINKS



Make it global

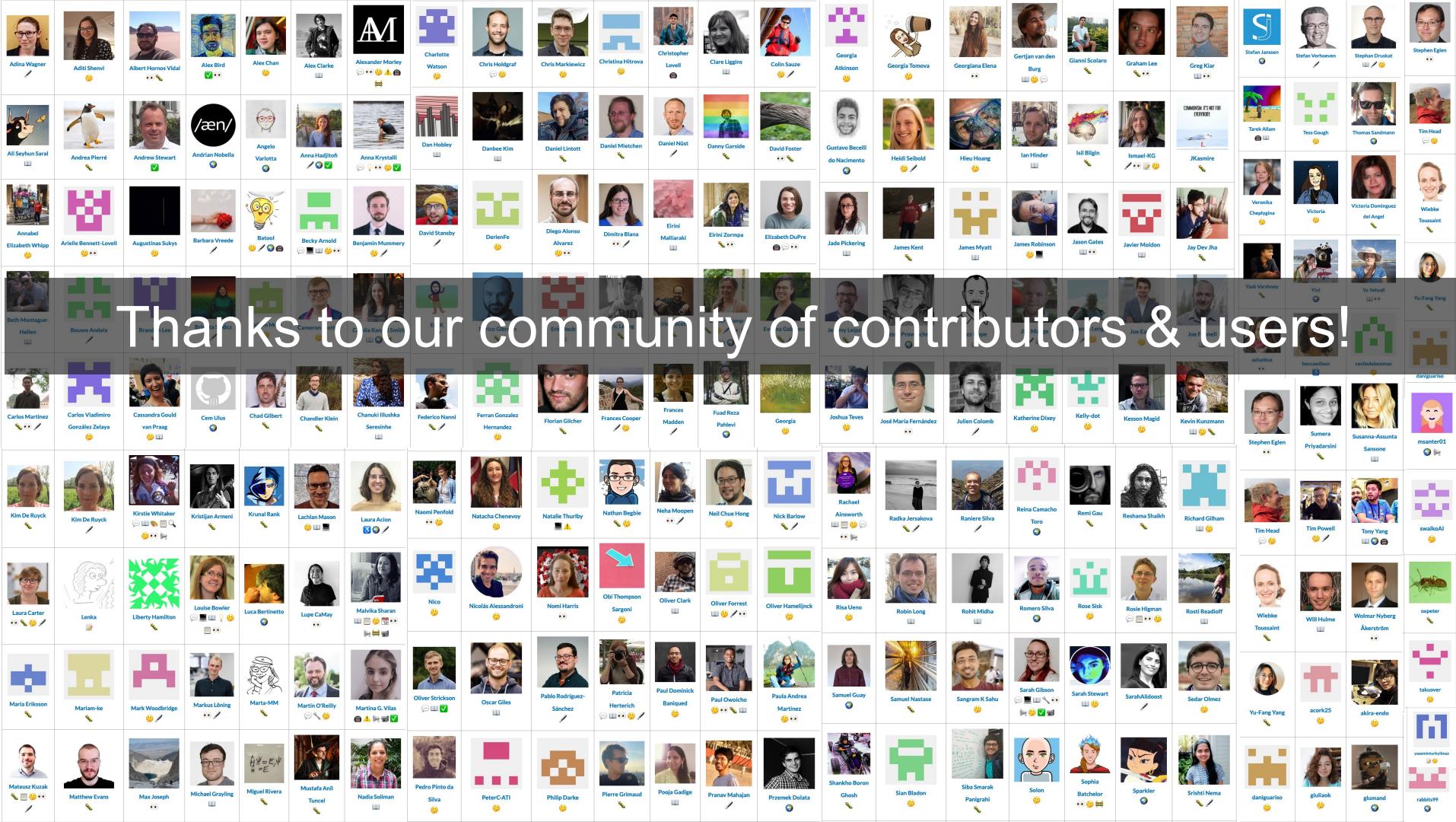


Share resources



**PROJECT
DESIGN**

Share best practices

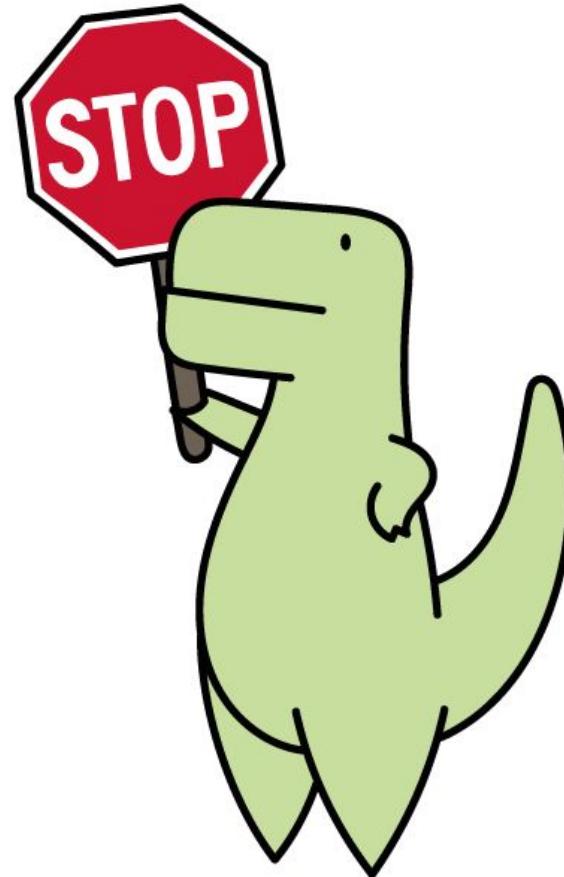


Adina Wagner	Aditi Shenvi	Albert Horros Vidal	Alex Bird	Alex Chan	Alex Clarke	AM	Charlotte Watson	Chris Holdgraf	Chris Markiewicz	Christina Hitrova	Christopher Lovell	Clare Liggins	Colin Sauze	Georgia Atkinson	Georgia Tomova	Georgiana Elena	Gertjan van den Burg	Gianni Scolaro	Graham Lee	Greg Kiar	Stefan Jansen	Stefan Verhoeven	Stephan Drusat	Stephen Eglen		
All Seyhun Saral	Andrea Pierré	Andrew Stewart	Andrian Nobella	Angelo Variola	Anna Hadjitoffi	Anna Krystalli	Dan Hobley	Danbee Kim	Daniel Limott	Daniel Mietchen	Daniel Nüst	Danny Garside	David Foster	Gustavo Becceli do Nascimento	Heidi Seibold	Hieu Hoang	Ian Hinder	İşıl Bilgin	Ismael-KG	JKasmire	Liam	Tarek Allam	Tess Gough	Thomas Sandmann	Tim Head	
Anabel Elizabeth Whipp	Arielle Bennett-Lovell	Augustinus Sulys	Barbara Vreede	Batool	Becky Arnold	Benjamin Mummery	David Standby	DerienFe	Diego Alonso Alvarez	Dimitra Blana	Dimitra Malliaraki	Eirini Zormpa	Elizabeth DuPre	Jade Pickering	James Kent	James Myatt	James Robinson	Jason Gates	Javier Moldón	Jay Dev Jha	Yehuda	Veronika Chephygina	Victoria	Victoria Dominguez del Angel	Wiebke Toussaint	
Beth Montague-Hellen	Bouwe Andela	Branka Lee	Cameron	Carla Ray Smith	Celia Rani	Cico Glenn	Erin	Evan	Felicity	Fiona	Francesca	Giovanni	Georgia	Joshua Teves	José María Fernández	Julien Colomb	Katherine Dixey	Kelly-dot	Kesson Magid	Kevin Kurmanian	Yehuda	Yiwei	Yo Yehuda	Yu-Fang Yang	Yu-Fang Yang	
Carlos Martinez	Carlos Vladimiro González Zelaya	Cassandra Gould	Cem Ülus	Chad Gilbert	Chandler Klein	Chanuki Illushka Seresinha	Federico Nanni	Ferran Gonzalez Hernandez	Florian Gilcher	Frances Cooper	Frances Madden	Fuad Reza Pahlevi	Georgia	Rachael Almworth	Radka Jersakova	Raniere Silva	Reina Camacho	Remi Gao	Reshma Shaikh	Richard Gilham	Stephen Eglen	Simera Priyadarshini	Susanna-Assunta Sanzone	taunter01	danguario	
Kim De Ruyck	Kim De Ruyck	Kirstie Whitaker	Kristjan Armeni	Krunal Rank	Lachlan Mason	Laura Action	Naomi Penfold	Natacha Chenevoy	Natalia Thurby	Nathan Begbie	Neha Moopen	Nell Chue Hong	Nick Barlow	Rachael Almworth	Radka Jersakova	Raniere Silva	Reina Camacho	Remi Gao	Reshma Shaikh	Richard Gilham	Stephen Eglen	Tim Powell	Tony Yang	swalkoAI	swalkoAI	
Laura Carter	Lenka	Liberty Hamilton	Louise Bowler	Luca Bertinetto	Lupe CaMay	Malvika Sharai	Nico	Nicolas Alessandrini	Nomi Harris	Obi Thompson Sargoni	Oliver Clark	Oliver Forrest	Oliver Hamelink	Risa Ueno	Robin Long	Rohit Midha	Romero Silva	Rose Sisk	Rosie Higman	Rosti Readloff	Wielke Toussaint	Will Hulme	Wolmar Nyberg Åkerström	oxpeter	oxpeter	
Maria Eriksson	Mariam-ke	Mark Woodbridge	Markus Löning	Marta-MM	Martin O'Reilly	Martina G. Vilas	Oliver Strickson	Oscar Giles	Pablo Rodriguez-Sánchez	Patricia Herterich	Paul Dominik Banquer	Paul Owoicho Martinez	Paula Andrea Martinez	Samuel Guay	Samuel Nastase	Sangram K Sahu	Sarah Gibson	Sarah Stewart	Sarah Kildooft	Sedar Olmez	Yu-Fang Yang	acork25	akira-endo	takover	yaemistryteas	yaemistryteas
Mateusz Kuzak	Matthew Evans	Max Joseph	Michael Grayling	Miguel Rivera	Mustafa Anil Tuncel	Nadia Soliman	Pedro Pinto da Silva	PeterCATI	Philip Darke	Pierre Grimaud	Pooja Gadige	Pranav Mahajan	Przemek Dolata	Shankho Boron Ghosh	Stan Bladon	Siba Smarak Panigrahi	Selon	Sophia Batchelor	Sparkler	Srishti Nema	danlurisro	gluilaok	glumand	rabbit99	rabbit99	

Thanks to our community of contributors & users!

PAUSE!!!

Any questions?



Overview



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2. **Github Workshop**
3. Contributing to *The Turing Way*
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Let's Git Good:

- Why use GitHub?
- What is GitHub?
- **Exercise:** creating a repository
- Writing in Markdown
- **Exercise:** editing a GitHub page and making a PR
- **Exercise:** Contribute to *The Turing Way!*



Why use GitHub within your community?

- Collaborative documentation
- Version Control
- Transparency & accountability
- Attribution for contributions
- Project management



Collaborative Documents

There are challenges in developing collaborative documents...

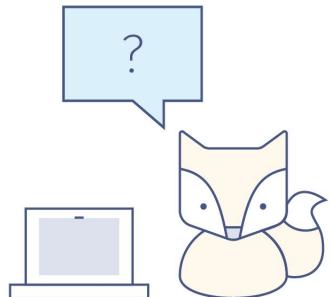
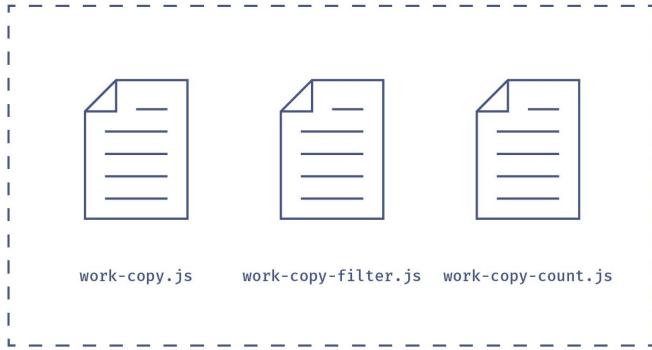


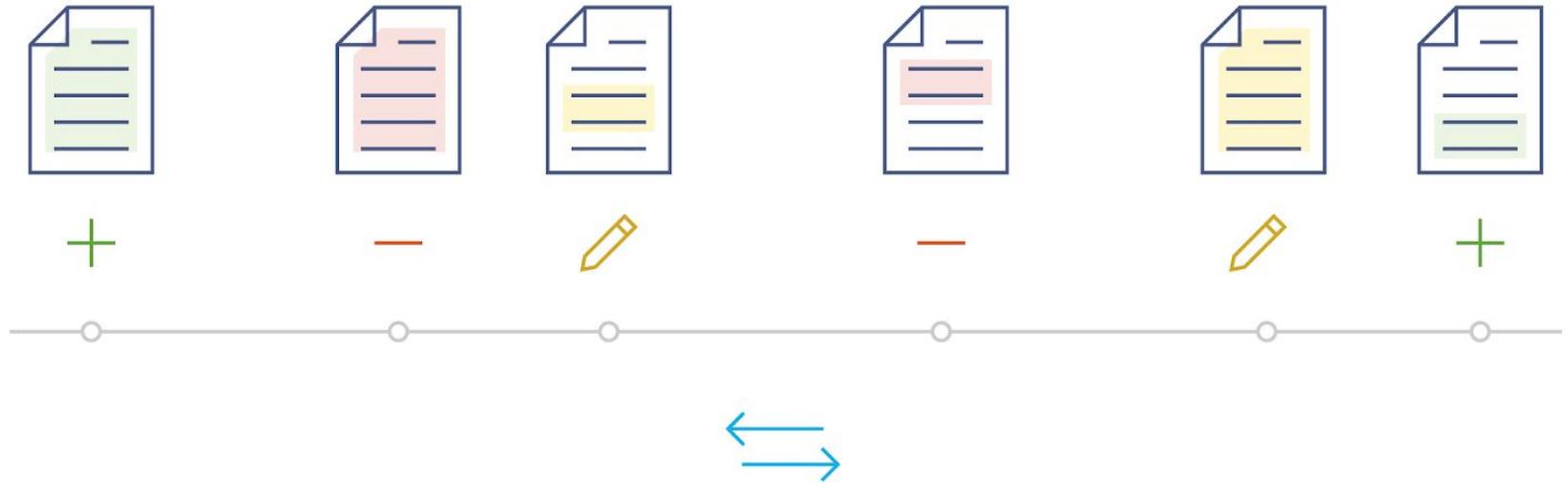
Collaborative Documents

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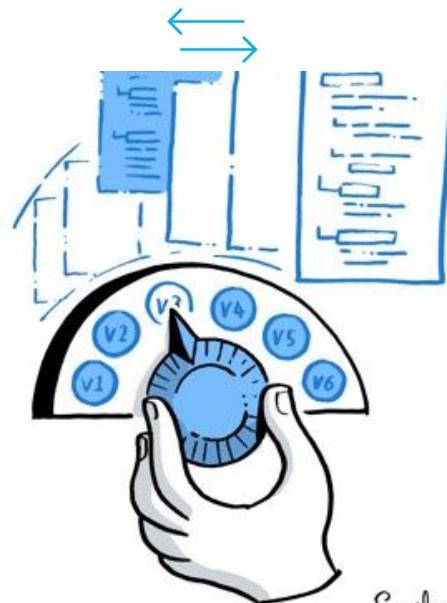
- Asynchronous and conflicting edits, location, time zones, and **VERSIONS!**







Revisions and Versions





Where the world builds software

Millions of developers and companies build, ship, and maintain their software on GitHub—the largest and most advanced development platform in the world.

Email address

Sign up for GitHub

56+ million
Developers

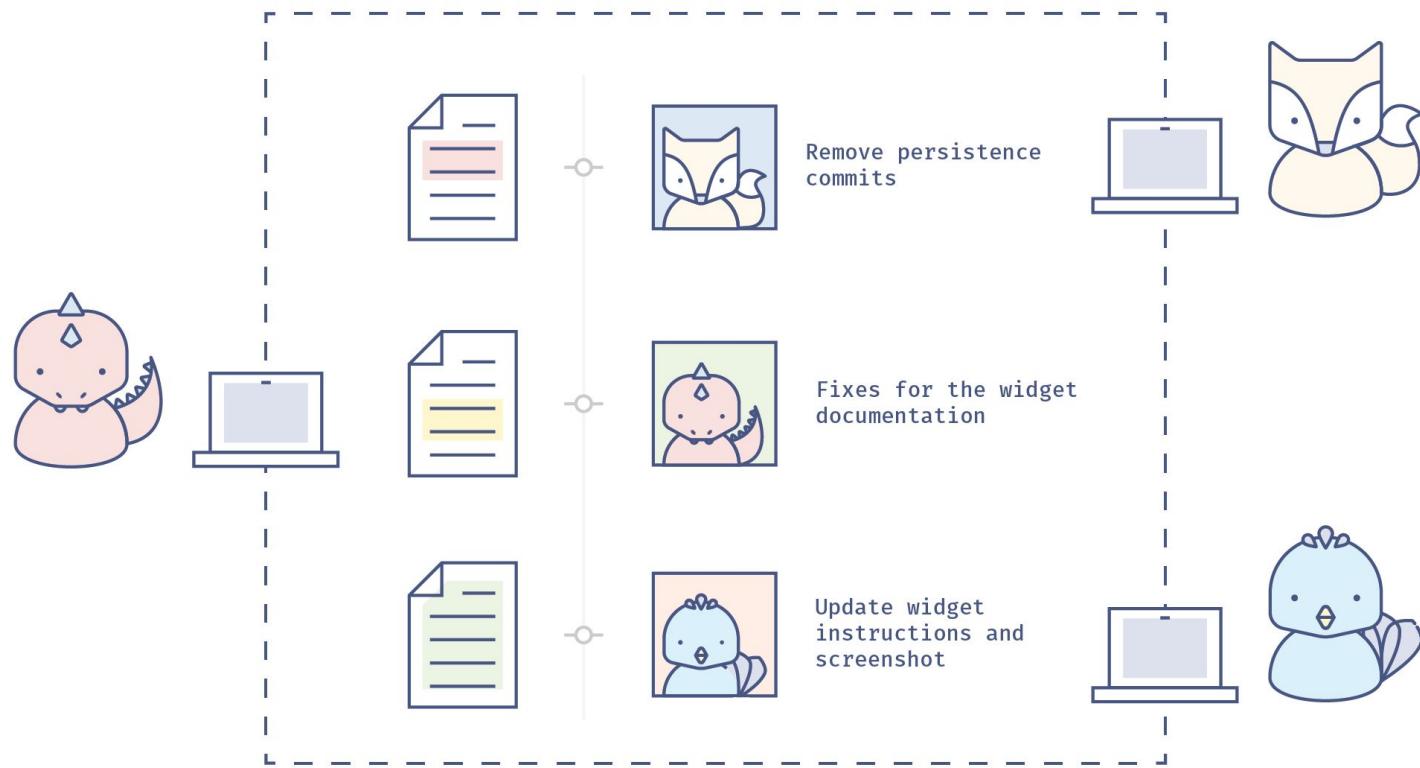
3+ million
Organizations

100+ million
Repositories

72%
Fortune 50



Collaboration on GitHub





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 for any project where a group of people are working together

GitHub Exercise 1.

Let's dive in and set up our first repo...



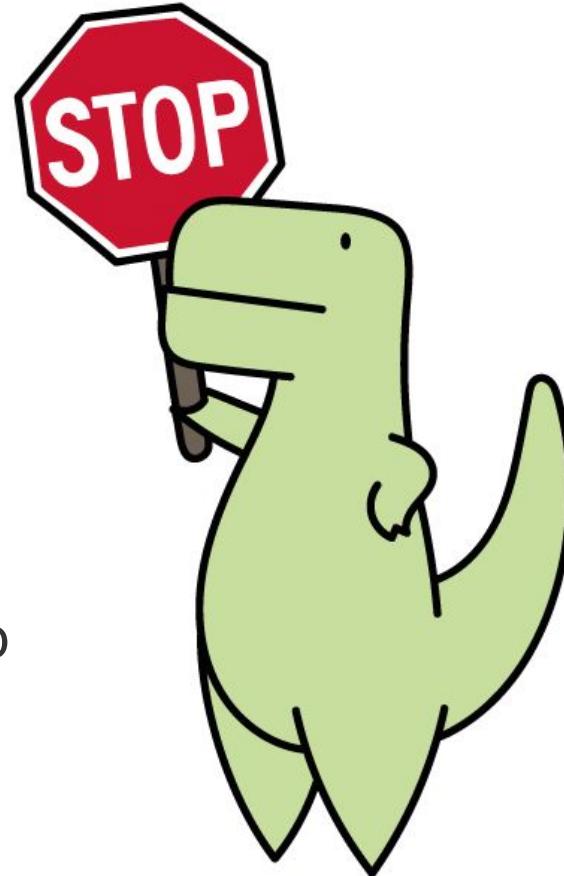
Image from <https://tenor.com/view/spinning-dive-paola-espinosa-sanchez-olympics-magnificent-dive-high-dive-gif-22567002>

PAUSE!!!

Do you have a GitHub Account?

Go to <https://github.com/>

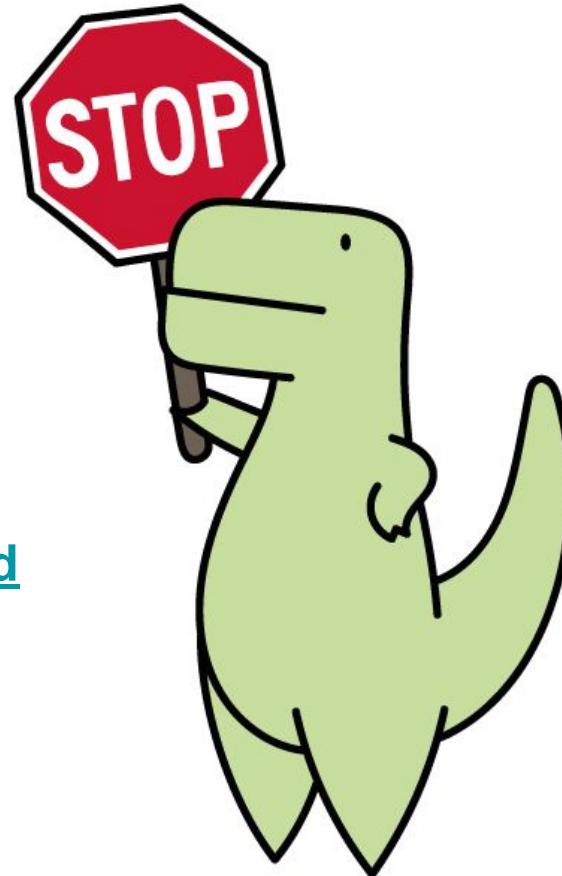
- Create an account using the sign up
- Login



PAUSE!!!

Make sure your GitHub username is
in the EtherPad:

<https://pad.carpentries.org/cc2022-git-good>



Creating a Repo.

Repository (Repo)

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

Create a new repository

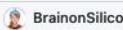
A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository](#).

Repository template

Start your repository with a template repository's contents.

No template ▾

Owner *



BrainonSilicon

Repository name *

trial-repo



Great repository names are short and descriptive. trial-repo is available. Need inspiration? How about [potential-broccoli](#)?

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](#).

.gitignore template: None ▾

Choose a license

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

License: None ▾

You are creating a public repository in your personal account.

Create repository

Creating a Repo.

“trial-repo”



Repository (Repo)

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

Create a new repository

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

Repository template

Start your repository with a template repository's contents.

No template ▾

Owner *



BrainonSilicon ▾

Repository name *

trial-repo



Great repository names are short and descriptive. trial-repo is available. Need inspiration? How about [potential-broccoli](#)?

Description (optional)

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

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You choose who can see and commit to this repository.

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

.gitignore template: None ▾

Choose a license

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

License: None ▾

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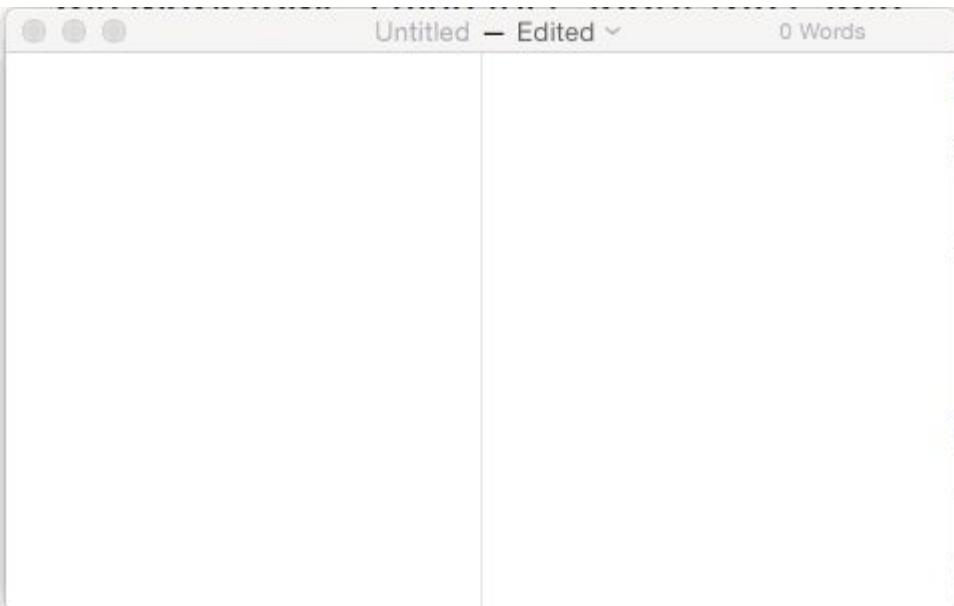
Create repository

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.

You may have used it in HackMD.



Markdown (.md) for formatting

Create a README file

- Landing page for your repo
- Information about your project
- List tasks of varying expertise clearly
- Add names/ids of your collaborators
- Invite others with specific skills

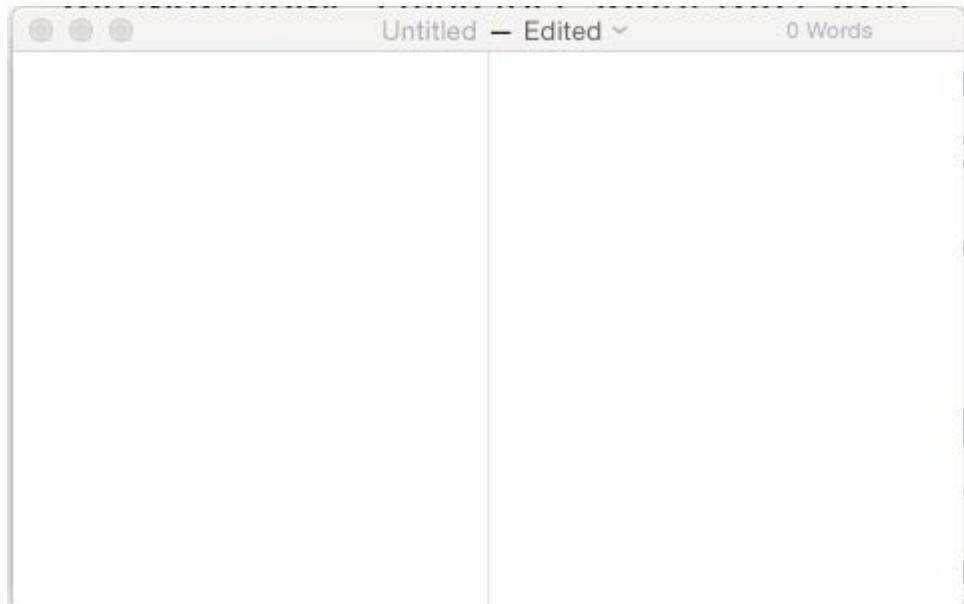
...let's write it in style with Markdown

GitHub Exercise: Creating a **README**

Write whatever you would like!

- About the project
- Today's date
- A hello world message!

...remember to title your file **README.md** to indicate the markdown file type.



CONGRATS!!

You created your first repo.



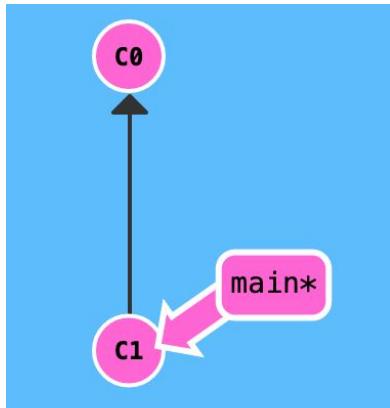
GitHub Vocab

- Commit 
- Branch & Fork 
- Pull request 
- Merge 

Commit ⚙

Saving a version of file(s)

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



Commits on Aug 3, 2022

- Merge pull request [alan-turing-institute#2495](#) from alan-turing-instit... [...](#)
harisood committed 1 hour ago
- Add numbers to md
aleesteele committed 1 hour ago

Commits on Aug 2, 2022

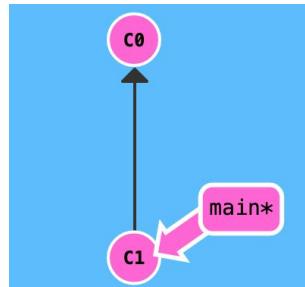
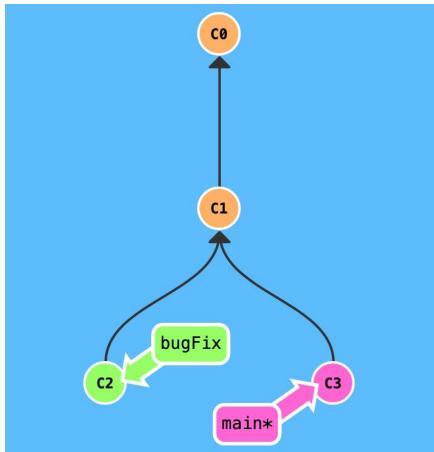
- Updated README-French.md ([alan-turing-institute#2117](#)) [...](#)
akashraj01 committed 18 hours ago
- Merge pull request [alan-turing-institute#2482](#) from alan-turing-instit... [...](#)
aleesteele committed yesterday
- Create CrapentriesCon collab-party-doc [...](#)
BrainonSilicon committed yesterday

Commits on Aug 1, 2022

- Merge pull request [alan-turing-institute#2480](#) from alan-turing-instit... [...](#)
malvikasharan committed 2 days ago

Branch & Fork 🎉

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



friendly-collab-party / README.md in main

<> Edit file Preview

```
1 # Friendly Collab Party
2
3 This is my test repository.
4
5 This sentence is being added to test making branch on my own repo.
6
```

-o- Commit directly to the `main` branch.

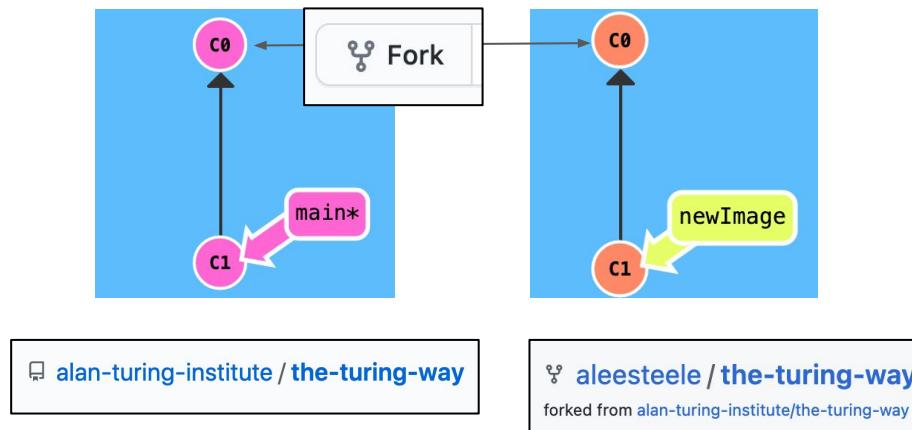
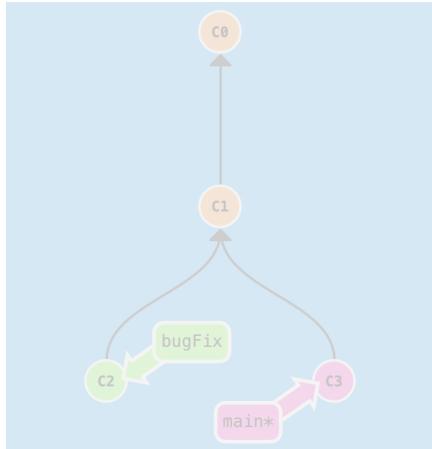
Create a new branch for this commit and start a pull request. Learn more

↳ malvikasharan-patch-1

Propose changes Cancel

Branch & Fork 🤔

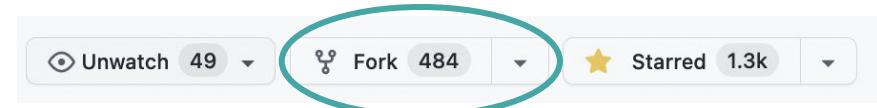
- **Branch:** pointers to a specific commit in **your** repo, temporary places to work through a feature ← you have **write** access
- **Fork:** copy of repo that is an entirely **independent repo** ← no need of write access or intent to merge with the main



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 + Big party!



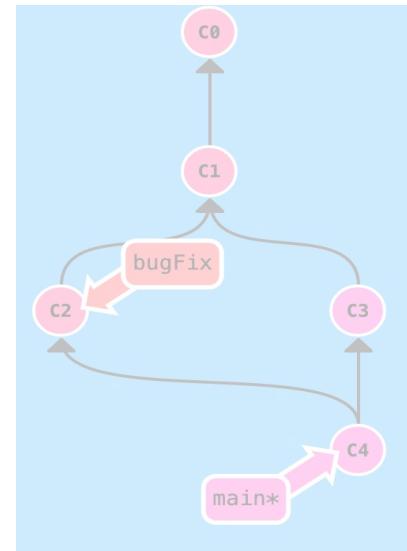
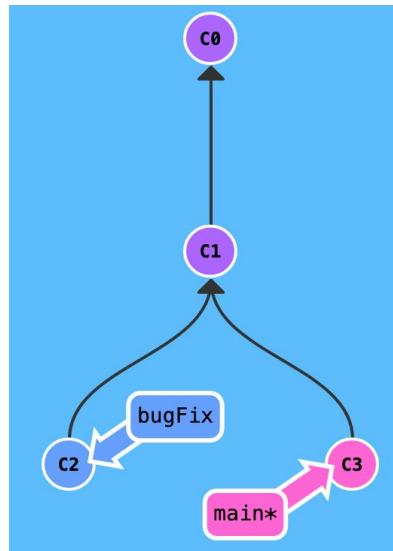
Pull Request & Merge

Pull request

request to add your changes from a branch back into main.

Merge

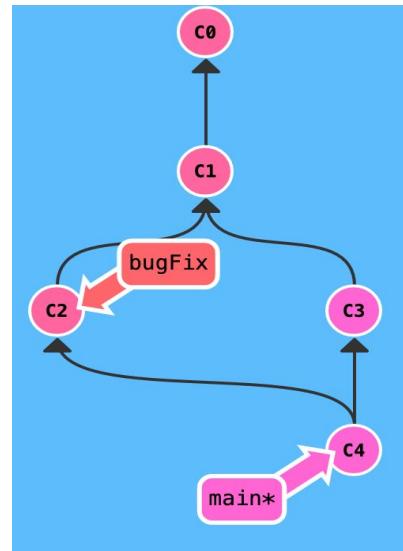
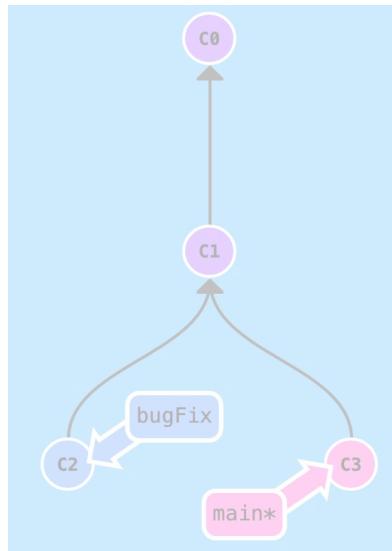
act of incorporating new changes (commits) from one branch to another.



Pull Request & Merge

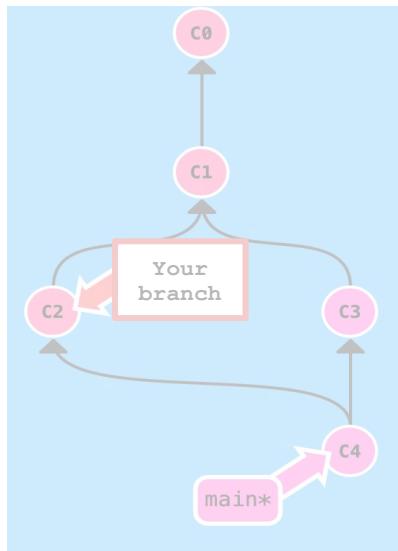
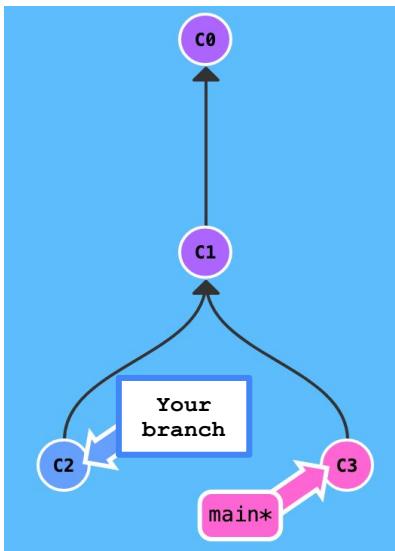
Pull request
request to add your changes from a branch back into main.

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



Pull Request (PR) - 1

Task 1: Edit the file with your details and create a new branch.

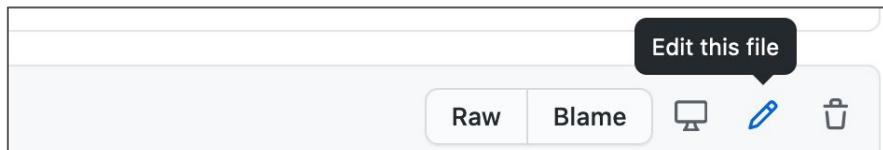


the-turing-way / workshops / github-workshop / 2022-08-04-carpentriescon.md

Git Good Workshop: CarpentriesCon 2022

About

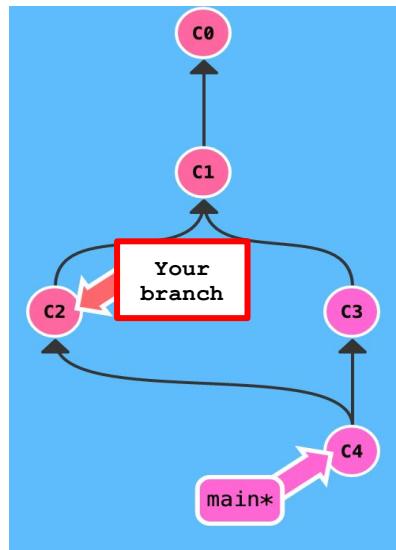
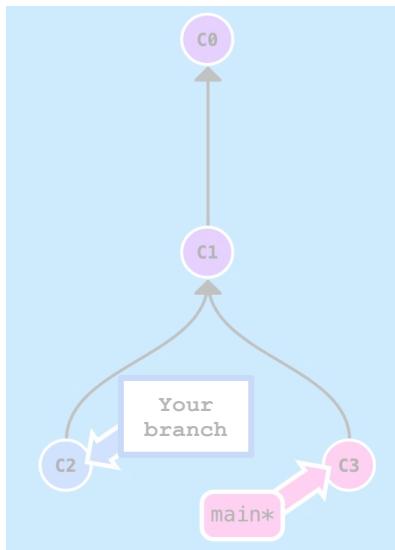
This is a repo for our awesome collaboration workshop called "Git Good" 🐝



```
## Add your name here
1. Anne Lee Steele
2.
3.
4.
5.
6.
7.
8.
9.
10.
```

Pull Request (PR) - 2

Task 2: Submit a Pull Request of your branch to main.



The screenshot shows a GitHub pull request interface. At the top, there is a navigation bar with links for Code, Pull requests (which is highlighted), Actions, Projects, Wiki, Security, Insights, and Settings. Below the navigation bar, there is a search bar with the query "is:pr is:open" and filters for Labels (11) and Milestones (0). A green button labeled "New pull request" is visible. In the center, there is a section titled "Comparing changes" with instructions to choose two branches to see what's changed or to start a new pull request. Below this, a specific pull request is shown for "CarpentryCon: Sample Pull Request #2497". The pull request details show it is open, created by aleesteele, merging 1 commit from aleesteele-patch-2 into main. The commit message reads: "- Sample pull request for CarpentryCon workshop
- Corresponds to slide 48". The interface includes tabs for Conversation (1), Commits (1), Checks (7), and Files changed (1). A comment input field is at the bottom with placeholder text "Attach files by dragging & dropping, selecting or pasting them." and buttons for "Cancel" and "Update comment".

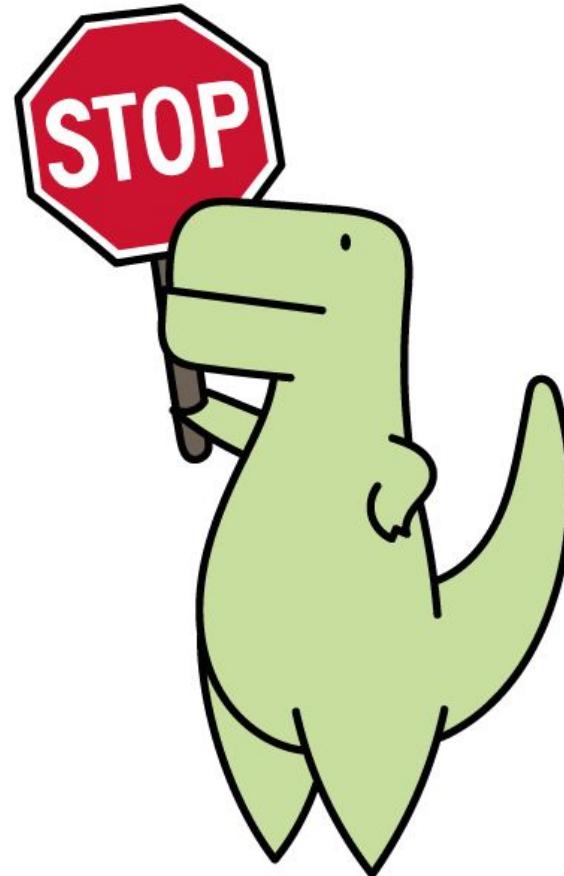
GitHub Exercise 2.

Let's edit a page and submit a Pull Request (PR).



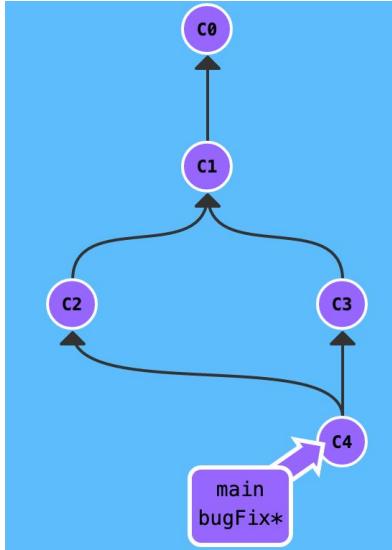
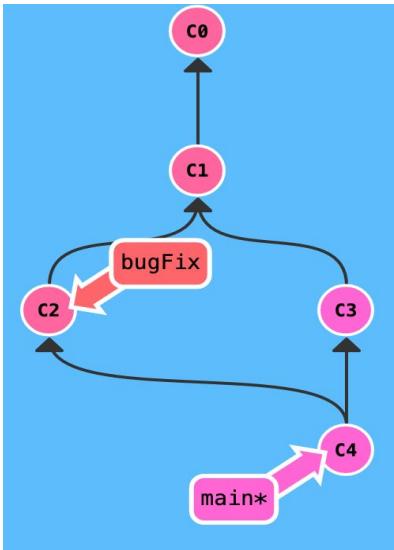
PAUSE!!!

Any questions?



Merge

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



CarpentryCon: Sample Pull Request #2497

[Open](#) aleesteele wants to merge 1 commit into `main` from `aleesteele-patch-2`

Conversation 1 Commits 1 Checks 7 Files changed 1

aleesteele commented 9 minutes ago • edited

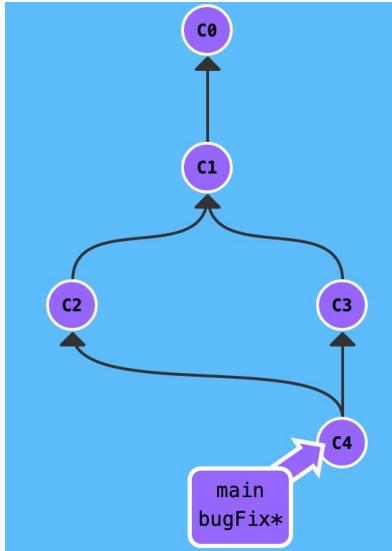
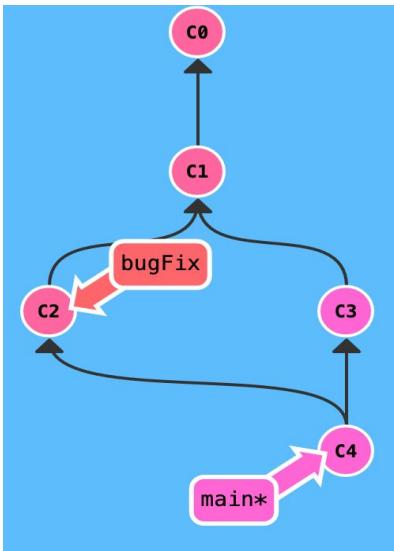
- Sample pull request for CarpentryCon workshop
- Corresponds to slide 48

Member ...

Conversation 1 Commits 2 Checks 13 Files changed 1

Merge

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



CarpentryCon: Sample Pull Request #2497

[Open](#) aleesteele wants to merge 1 commit into `main` from `aleesteele-patch-2`

Conversation 1 Commits 1 Checks 7 Files changed 1

aleesteele commented 9 minutes ago · edited

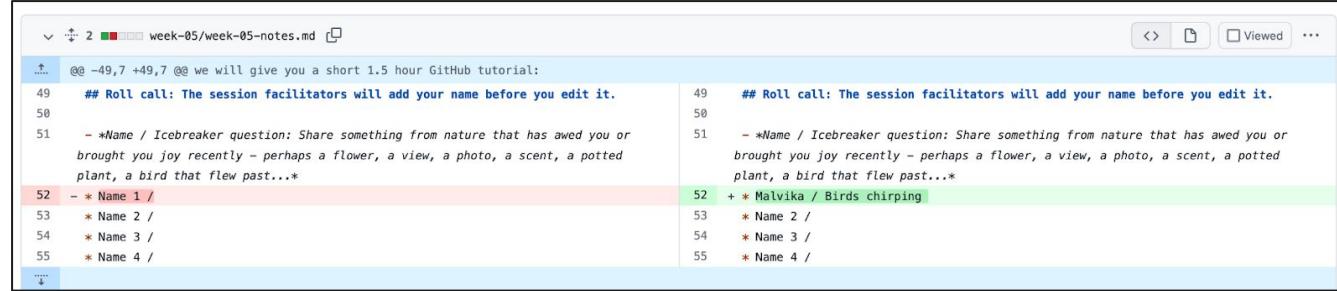
- Sample pull request for CarpentryCon workshop
- Corresponds to slide 48

Conversation 1 Commits 2 Checks 13 Files changed 1

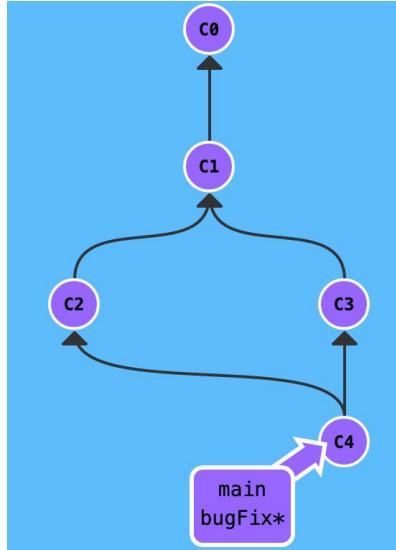
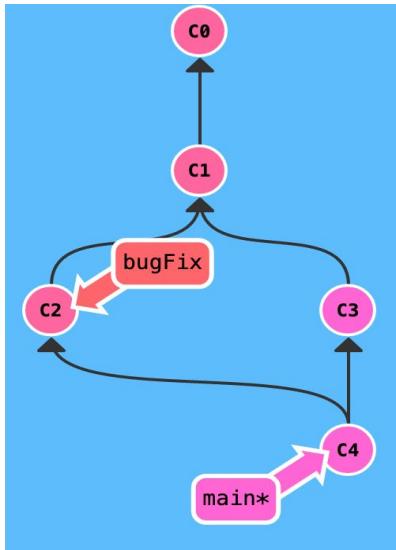
```
workshops/github-workshop/2022-08-04-carpentriescon.md
```

3 3 ## About
4 4 This is a repo for our awesome collaboration workshop called "Git Good" :tada:
5 5
6 + The link to this page can be found here: <https://github.com/alan-turing-institute/the-turing-way/blob/main/workshops/github-workshop/2022-08-04-carpentriescon.md>
7 +

Review: Demo

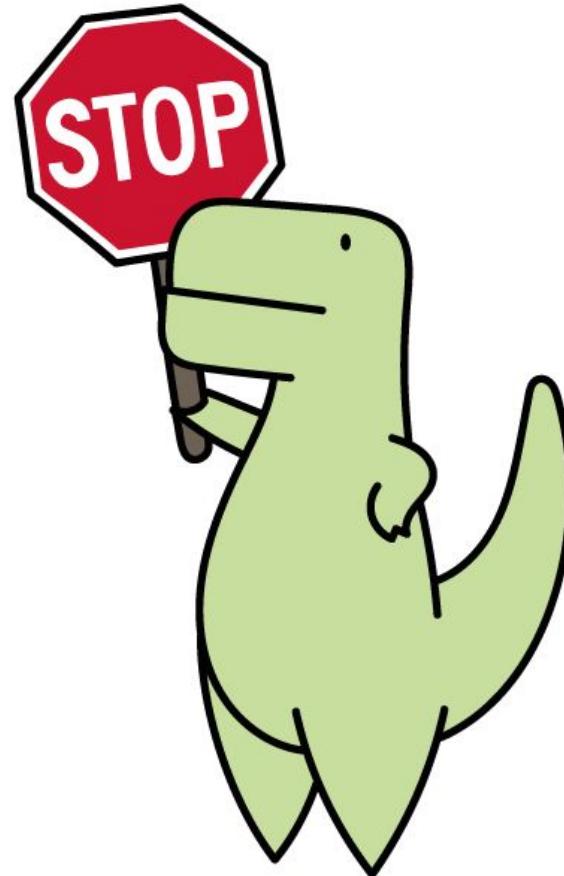


Users with write access can approve and merge PRs



PAUSE!!!

Any questions?

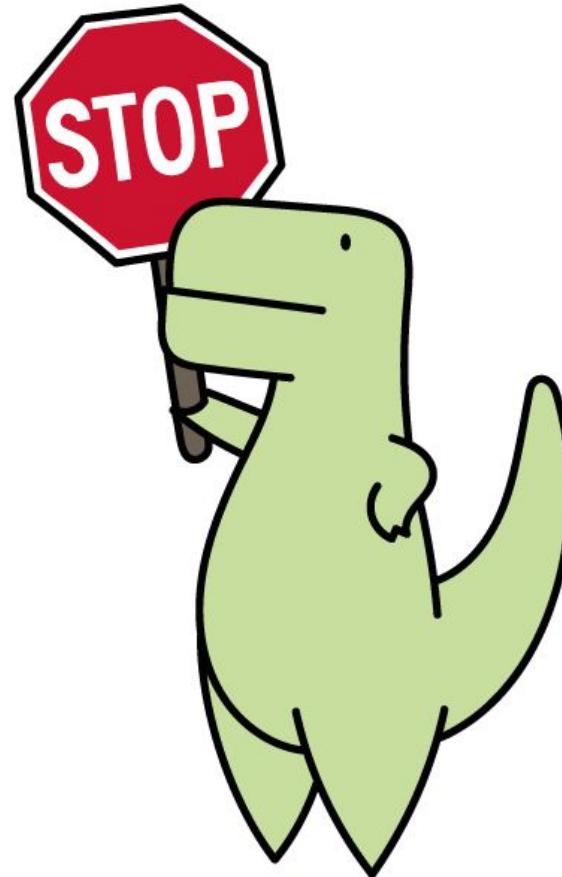


Let's Take a Break
See you in 05:00 Minutes

<https://cuckoo.team/ttw-carpentrycon>

PAUSE!!!

MERGE CONFLICT!!



What we've done so far...

- Introduction to using Github
 - Collaborative Documentation
 - Version Control, Git
 - Markdown format
 - Commit, Branch & Fork, Pull Request, Merging and Merge conflict.
- Making your first repository
- Merged your first pull request! 🚀



Overview



1. What is *The Turing Way*?
2. Github Workshop
3. **Contributing to *The Turing Way***
4. Celebrations

You should have received an invite to the repository!



Contributing to Open Source Projects

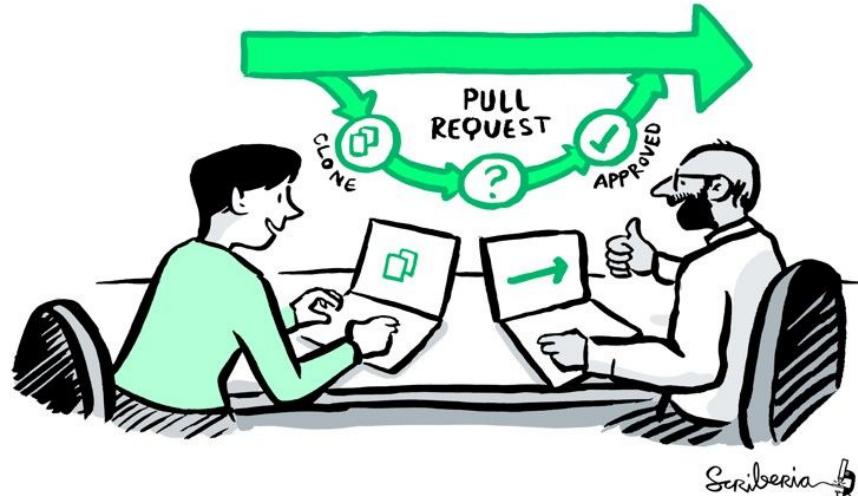
It's hard work!

What is your experience with contributing to open source projects?



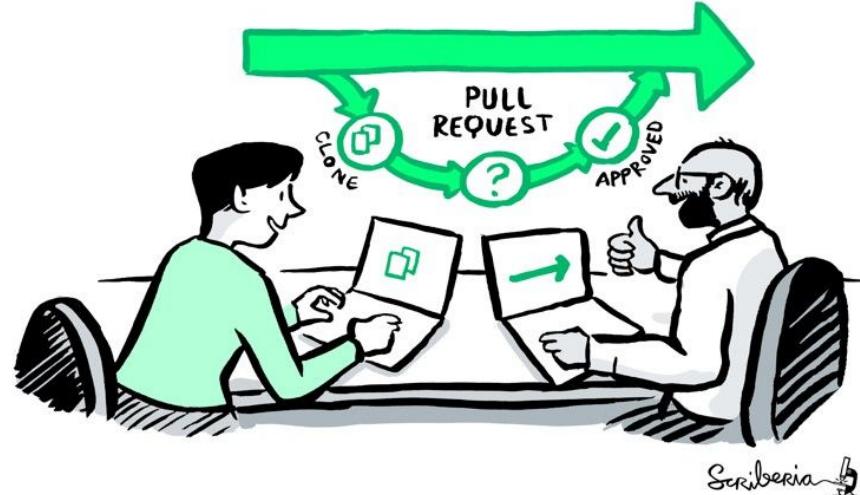
Issue vs Pull Request (PR)

- 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**.



Contributing to *The Turing Way*



The Turing Way

Search this book...

- Welcome
- Guide for Reproducible Research
- Guide for Project Design
- Guide for Communication
- Guide for Collaboration
- Guide for Ethical Research
- Community Handbook



the TURING WAY

COLLABORATION

PROJECT DESIGN

REPRODUCIBILITY

COMMUNICATION & OUT REACH

ETHICS

TOO EASY
NOT TO DO

Scriberia

The Turing Way: Github Repository

We will be editing this together! →

The screenshot shows the GitHub repository page for 'The Turing Way'. The repository has 425 issues, 94 branches, and 8 tags. A pull request from harissood was merged 2 hours ago. The repository is described as a host for a how-to guide for reproducible data. The file structure includes .github, README-translated, book (which is highlighted with a green border), communications, conferences, open-life-science-mentoring, project_management, tests, and workshops. Recent commits include adding workflow_dispatch triggers, updating READMEs, and merging pull requests. Contributors are listed with 242 total contributors, and the repository uses HTML as the primary language.

File/Folder	Description	Time Ago
.github	Add workflow_dispatch trigger to release-drafter.yml	2 months ago
README-translated	Updated README-French.md (#2117)	19 hours ago
book	Update Contributors Record	5 days ago
communications	Merge pull request #2357 from alan-turing-institute/may-newslette...	23 days ago
conferences	[MNT] Update links and references from master to main branch	10 months ago
open-life-science-mentoring	Update README.md	8 months ago
project_management	Merge pull request #1735 from alan-turing-institute/tps-report-2020	2 months ago
tests	Update configuration for Yaml parser	2 months ago
workshops	Add numbers to md	2 hours ago

Contributors: 242
Languages: HTML 99.4%, Other 0.6%

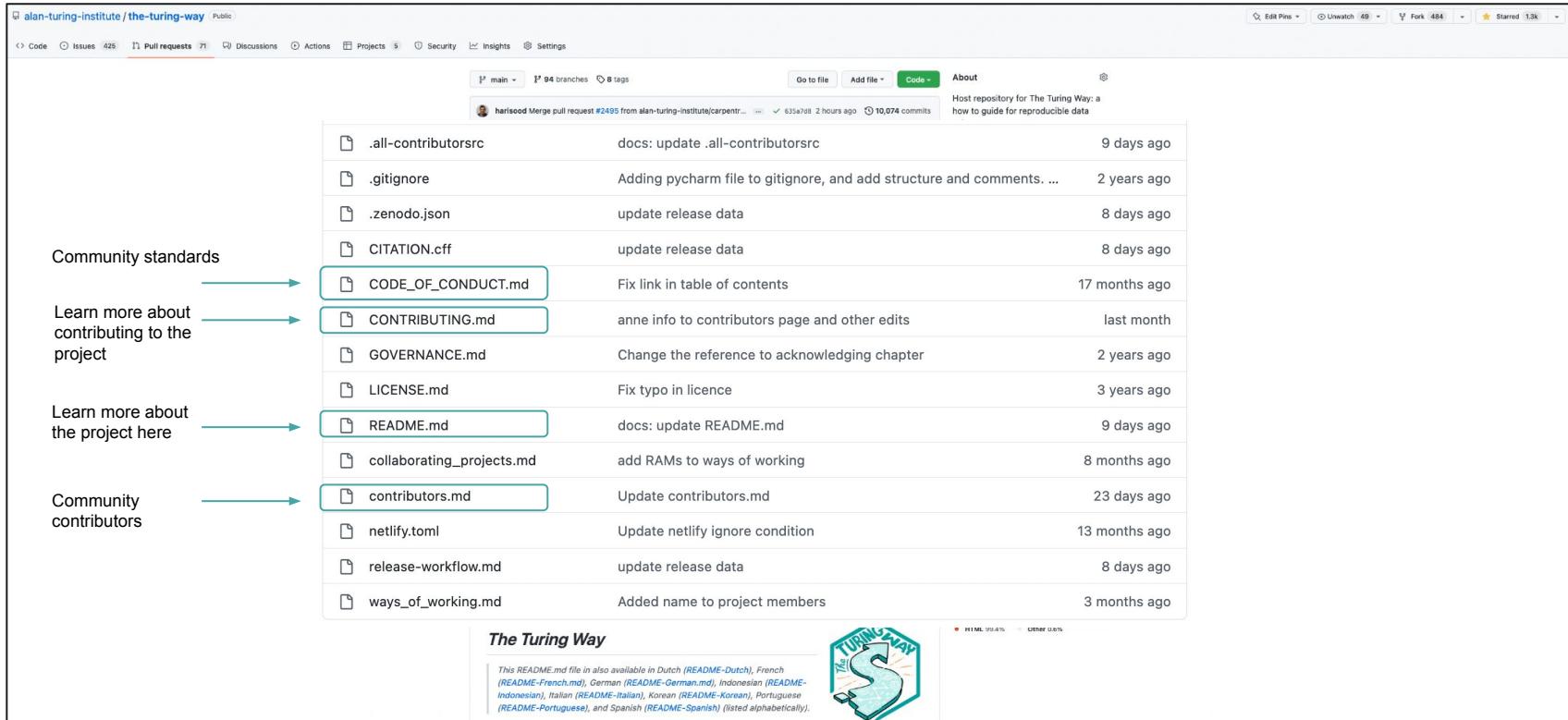
The Turing Way: Github Repository

Community standards → [CODE_OF_CONDUCT.md](#)

Learn more about contributing to the project → [CONTRIBUTING.md](#)

Learn more about the project here → [README.md](#)

Community contributors → [contributors.md](#)



File	Description	Time Ago
.all-contributorsrc	docs: update .all-contributorsrc	9 days ago
.gitignore	Adding pycharm file to gitignore, and add structure and comments. ...	2 years ago
.zenodo.json	update release data	8 days ago
CITATION.cff	update release data	8 days ago
CODE_OF_CONDUCT.md	Fix link in table of contents	17 months ago
CONTRIBUTING.md	anne info to contributors page and other edits	last month
GOVERNANCE.md	Change the reference to acknowledging chapter	2 years ago
LICENSE.md	Fix typo in licence	3 years ago
README.md	docs: update README.md	9 days ago
collaborating_projects.md	add RAMs to ways of working	8 months ago
contributors.md	Update contributors.md	23 days ago
netlify.toml	Update netlify ignore condition	13 months ago
release-workflow.md	update release data	8 days ago
ways_of_working.md	Added name to project members	3 months ago

The Turing Way

This README.md file is also available in Dutch ([README-Dutch](#)), French ([README-French.md](#)), German ([README-German.md](#)), Indonesian ([README-Indonesian](#)), Italian ([README-Italian](#)), Korean ([README-Korean](#)), Portuguese ([README-Portuguese](#)), and Spanish ([README-Spanish](#)) (listed alphabetically).



Contributing to *The Turing Way*: Issues

alan-turing-institute / the-turing-way Public

Code Issues Pull requests Discussions Actions Projects Security Insights Settings

Filters is:issue is:open label:carpentrycon22 Labels 65 Milestones 0 New issue

Clear current search query, filters, and sorts

	Author	Label	Projects	Milestones	Assignee	Sort
<input type="checkbox"/> 10 Open ✓ 0 Closed						
<input type="checkbox"/> 'After the Book Dash' subchapter: update Gitter channel to Slack workspace carpentrycon22 good first issue	#2494 opened 3 hours ago by alesteele					
<input type="checkbox"/> Contributor pathways subchapter: update Gitter channel to Slack workspace carpentrycon22 good first issue	#2493 opened 4 hours ago by alesteele					
<input type="checkbox"/> Update the number of contributors in Guide for Reproducible Research carpentrycon22 good first issue	#2492 opened 4 hours ago by alesteele					
<input type="checkbox"/> Adding additional resources to 'Personal data management' carpentrycon22 good first issue	#2491 opened 4 hours ago by alesteele					
<input type="checkbox"/> Add additional resources to 'anonymisation' subheading of personal data management carpentrycon22 good first issue	#2490 opened 4 hours ago by alesteele					
<input type="checkbox"/> Fix links to 'barriers to data sharing' section carpentrycon22 good first issue	#2489 opened 4 hours ago by alesteele					
<input type="checkbox"/> Fix broken link in 'Personal data management' to 'sensitive data' chapters carpentrycon22 good first issue	#2488 opened 4 hours ago by alesteele					
<input type="checkbox"/> Add video resource to FAIR principles chapter carpentrycon22 good first issue	#2487 opened 4 hours ago by alesteele					
<input type="checkbox"/> Wording correction for 'The FAIR Principles' carpentrycon22 good first issue	#2486 opened 4 hours ago by alesteele					
<input type="checkbox"/> Correct wording in 'Citing Research Objects' carpentrycon22 good first issue	#2485 opened 5 hours ago by alesteele					

Contributing to *The Turing Way*: Making a Pull Request

'After the Book Dash' subchapter: update Gitter channel to Slack workspace
#2494

Open alesteele opened this issue 4 hours ago · 0 comments

alesteele commented 4 hours ago · edited

A Beginner's Guide to Contributing to *The Turing Way*

This is a guide for getting started with contributing to *The Turing Way* during CarpentryCon 2022. We're so glad to have you here! 🎉

Below you'll find some instructions for contributing to the project. If you have any questions, please let @alesteele, @harsheed, or @BrainonSilicon know on Zoom so that we can assist you.

Guide to Contribution

In the Book Dash Events subchapter, the link to the Gitter workspace needs to be updated to the Slack workspace.

- Visit this part of the repository: <https://github.com/alan-turing-institute/the-turing-way/blob/main/book/website/community-handbook/bookdash/bookdash-after.md>
- Search for statement:
"Everyone is welcome to join our Gitter channel for informal discussions."
- Click 'Edit this file' to correct the wording.

Suggested Correction:

"Everyone is welcome to join our Slack workspace for informal discussions."

- Use Markdown format to correct the wording on the page:
Everyone is welcome to join our Slack workspace (<https://theturinway.slack.com/>) for informal discussions.
- Click 'Preview' to check that the changes look the way you'd like them too!
- Click on 'Propose changes': edit the title and the description of the issue to describe your update to the community.
- Add a description of your pull request. Don't forget to tag this issue number using `#` in the description. You can find the issue number next to the title of this issue (this one or [After the Book Dash subchapter: update Gitter channel to Slack workspace #2494](#)).
- A reviewer will review your pull request, and ask you if you need to make any changes before it can be approved.
- There are a number of checks your project will undergo: to check for merge conflicts, inclusive language, and formatting issues. Wait until those checks are complete before merging.
- Once your pull request is approved and the checks are complete, you can merge your change into the repository! ✅



Propose changes

Update slack information + link

Add an optional extended description...

alesteele@turing.ac.uk

Choose which email address to associate with this commit

You can't commit to `main` because it is a **protected branch**.

Create a new branch for this commit and start a pull request. [Learn more about pull requests.](#)

`slack-information-bookdash-page`

Propose changes **Cancel**

Issue

Propose Changes

Contributing to *The Turing Way*: Making a Pull Request



Update slack information + link #2498

alesteele wants to merge 1 commit into [main](#) from [slack-information-bookdash-page](#)

Conversation 0 Commits 1 Checks 0 Files changed 1 +1 -1

alesteele commented 10 seconds ago

Member Reviewers BrainonSilicon harisood At least 1 approving review is required to merge this pull request.

Still in progress? Convert to draft

Assignees No one—assign yourself

Labels PR: unreviewed

Projects None yet

Milestone No milestone

Update slack information + link Verified b385d94

Draft Pull Request

Create Pull Request

Contributing to *The Turing Way*: Issues & Pull Requests

The diagram illustrates the workflow for contributing to *The Turing Way*. It starts with a Netlify deployment interface on the left, which includes a 'Deploy' button, a 'Latest commit' section (b385d94), and a 'Latest deploy log' link. A green arrow points from this interface to a GitHub pull request (PR) page on the right. The GitHub PR page shows a merge commit by aleesteele, deleted branches, and automated actions like 'pr-triage' and 'github-actions'. The PR is titled 'automated-prj Update Contributors Record in Afterword #2480'.

Netlify Deployment Interface:

- Deploy button (green checkmark)
- Latest commit: b385d94
- Latest deploy log: <https://app.netlify.com/sites/the-turing-way/deploy-log/62ea7699612a940008ca12f4>
- Deploy Preview: <https://deploy-preview-2498--the-turing-way.netlify.app/communication/binder/zero-to-binder>
- Preview on mobile: Toggle QR Code...

To edit notification comments on pull requests, go to your [Netlify site settings](#).

GitHub Pull Request #2480:

- Merged commit by aleesteele: a8be8c7 into main (yesterday)
- Deleted branch: carpentries-con-intros (yesterday)
- Labels: PR: merged, PR: reviewed-approved
- Conversation: 1
- Commits: 1
- Checks: 5
- Files changed: 1
- Comment by github-actions bot: commented 5 days ago
Update Contributors Record in Afterword
• Updated with any change in contributors.md and contributors table (in README.md)
- Reviewers: malvikasharan
- Assignees: No one—assign yourself

Review Pull Request

Merge changes!

Contributing to *The Turing Way*: DEMO!

Session 1:

<https://github.com/alan-turing-institute/the-turing-way/issues/2494>

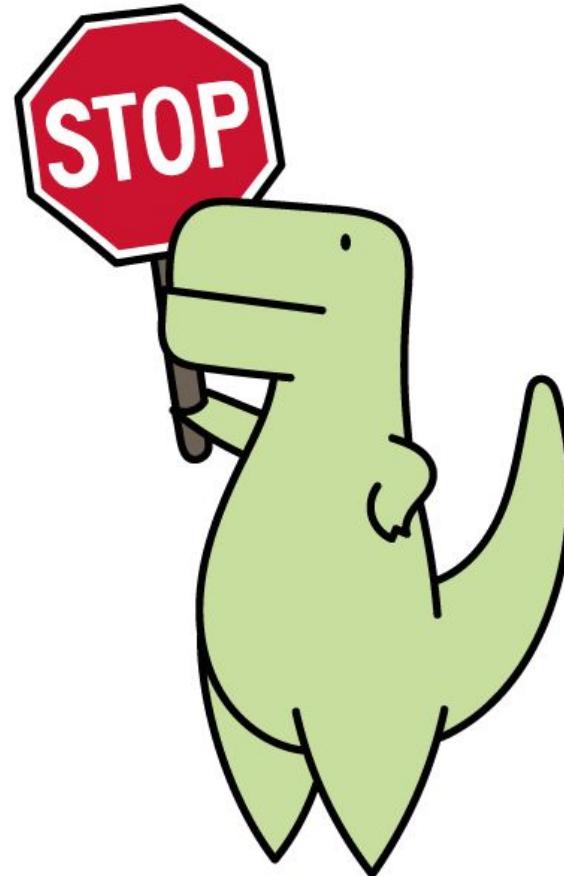
Session 2:

<https://github.com/alan-turing-institute/the-turing-way/issues/2493>



PAUSE!!!

Any questions?



Let's dive in!

<https://pad.carpentries.org/cc2022-git-good>

- You'll each be added to a **breakout room in groups**: your breakout room number is on the etherpad
- There is **one issue** assigned to each room
- Have a go at resolving the issues! We'll be rotating through the rooms if you get stuck

If you finish early, feel free to find an issue you're interested in working on: and get started!



Tips for the breakout rooms:

<https://pad.carpentries.org/cc2022-git-good>

- Add a comment to the issue with who is working on it (remember to add their Github usernames with an @ sign!)
- 1 person making the PR
- Link the associated issue



Main room: for anyone who missed a part of the workshop!

Overview



1. What is *The Turing Way*?
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- 4. Celebrations**

So you've learned how to contribute to an open source project...

The Turing Way

Search this book

Welcome

Guide for Reproducible Research

Guide for Project Design

Guide for Communication

Guide for Collaboration

Guide for Ethical Research

Community Handbook

PROJECT DESIGN & REPRODUCIBILITY

THE TURING WAY

COMMUNICATION & OUT REACH

ETHICS

TOO EASY NOT TO DO

Subscribe

What we've accomplished

- Introduction to Github
- Made first repository!
- Contributed to **2 repositories!**
- Fixing bugs in *The Turing Way*!

Congratulations! 🎉



Next steps

- This week, we'll be reviewing your pull requests:
 - Tags for 'all-contributors' bot
 - Reviewing + accepting changes (and fixing any merge conflicts!)
 - Remember to login + accept your merge requests
- Adding you to the contributor table:
<https://github.com/alan-turing-institute/the-turing-way#contributors>

Keep in touch with The Turing Way community!



Join a Community Event

- *Collaboration Cafes*
 - 1st & 3rd Wednesdays (14:00 UTC)
- *Coworking Calls*
 - Mondays (10:00 UTC)
- *Fireside Chats*
- *Book Dash*
- *Community Share-out*

bit.ly/turingway



Scriberia

Get involved with the community

- Slack workspace
- PR / Issue on Github
- Community events

bit.ly/turingway

<https://zenodo.org/record/3332807>

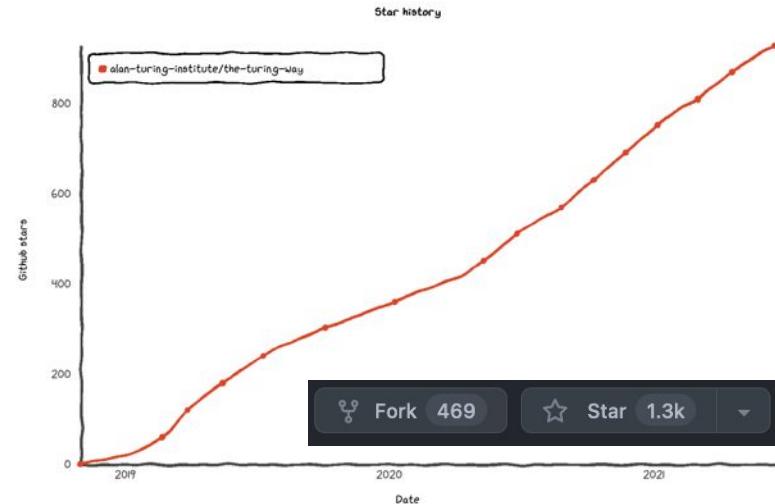


8,921

views

11,048

downloads



Acknowledgements:

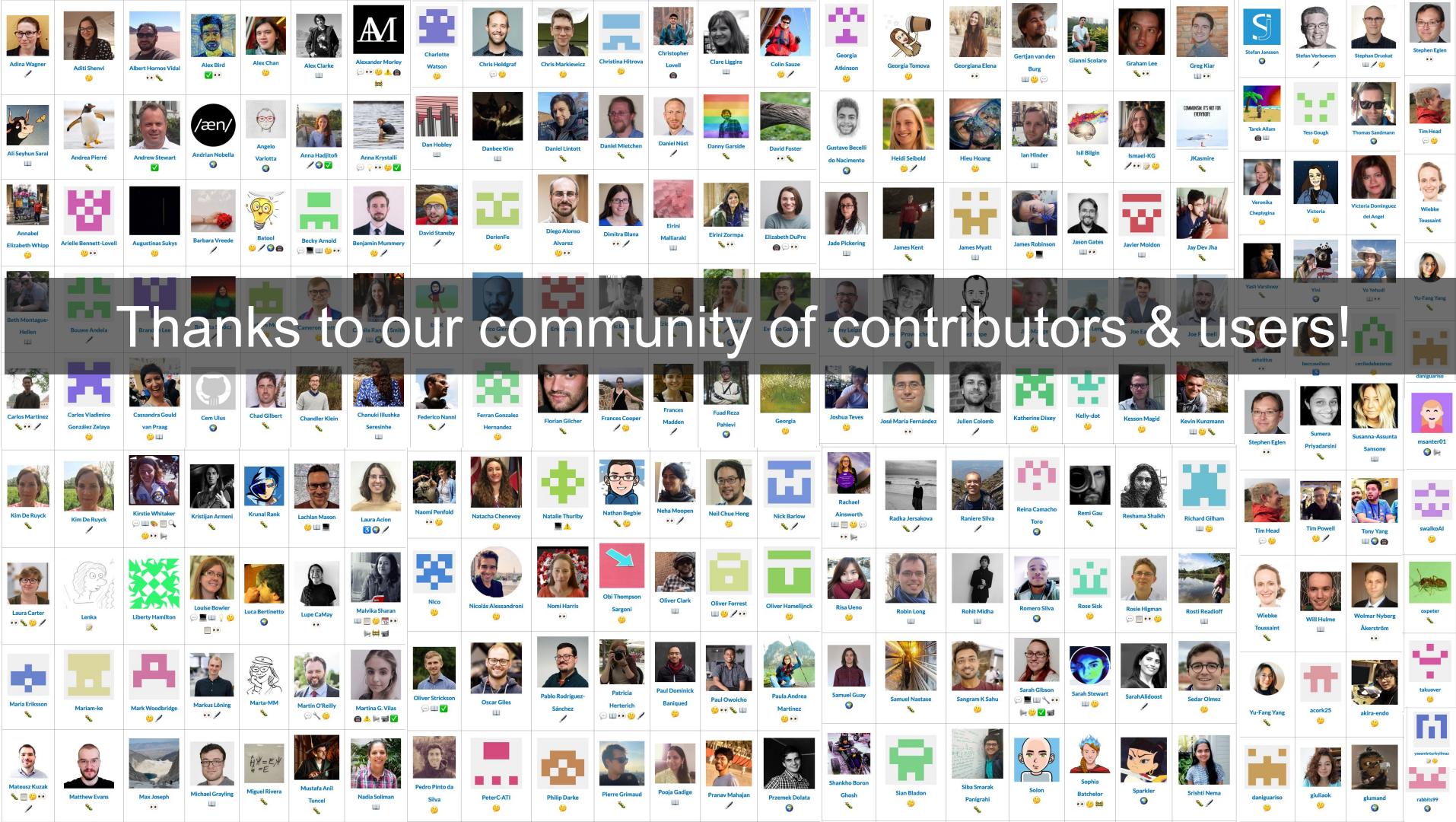
- Kirstie Whitaker, Malvika Sharan, *The Turing Way* community, friends & collaborators
- GitHub workshop based on [Friendly GitHub Intro by Kirstie Whitaker](#) & [GitHub Collaborating Document by Malvika Sharan](#)

Stay in Touch

- Book: the-turing-way.netlify.com
- Join Slack: <https://tinyurl.com/jointuringwaysslack>
- Twitter: twitter.com/turingway
- Newsletter: tinyletter.com/TuringWay
- Mastodon: [@turingway](https://fosstodon.org/@turingway)
- GitHub: github.com/alan-turing-institute/the-turing-way
- Original artwork by Scriberia: <https://doi.org/10.5281/zenodo.3332807>

Contact us: e.plomp@tudelft.nl, hsood@turing.ac.uk,
sbatchelor@turing.ac.uk, asteelle@turing.ac.uk





Thanks to our community of contributors & users!

Key Practices for Collaboration

MENTORED CONTRIBUTIONS



Develop & share



Maintain & improve



Share resources



Review and update



Make it global



Share best practices