

Session 3 - Further uses of GitHub



Open Phytoliths
Community



EOSC-Life



Open Life Science



1

Emma Karoune and Celine Kerfant

On behalf of International Committee on Open Phytolith Science

Resources used:

Esther Plomp's Github Intro workshop

[Mozilla Science Lab's Study Group Orientation](#),

[Friendly GitHub Intro by Kirstie Whitaker](#) &

Developing Collaborative Documents [Click here for the paired online materials](#) by Malvika Sharan

Open Data presentation - Li-Ying Wang - <https://doi.org/10.5281/zenodo.5717154>

The Turing Way Workshop: Open, reproducible and FAIR Research - Emma Karoune & Malvika Sharan

<https://doi.org/10.5281/zenodo.6346555>

These slides are shared under a CC-BY 4.0 - Zenodo link: <https://doi.org/10.5281/zenodo.6418974>

Learning outcomes - Session 3

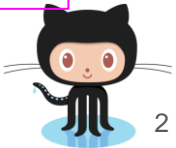
Further uses of Github

- To know how to enable and edit repos for web pages.
- To know how to link repositories to Github.
- To know how to use project boards.

What we learnt in session 2:

- To know what version control is.
- To start using a collaborative workflow in Github.

Do you have any questions
from session 2?



End of slides - there's more!

There are more resource at the end of the slides that we will not cover.

- There are some instructions and links for connecting and using R Studio with Github.
- We will make these as video tutorials too so watch out for the links being advertised.



Schedule

0:00 - 0:15 Log in and setting up a GitHub account

0:15 - 0:45 Making webpages - profile page, simple webpage to more advanced.

0:45 - 1:00 You make a profile pages or simple webpage!

1:00 - 1:25 Linking in repositories - zenodo, open science framework, figshare

1:25 - 1:40 Exercise to link repositories

1:40 - 1:50 Using project management boards

1:50 - 2:00 Wrap up & questions.

Extra resources:

- Linking R studio and working with version control



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 about any violations:

- Emma Karoune (ekaroune@googlemail.com)

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.



Promoting you and your work using Github

As a researcher you need to:

- have a web presence for yourself
- advertise, write about, present your research online



Create a profile page and website

- Share things simply - non-specialist writing
- 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



How can you do this through Github?

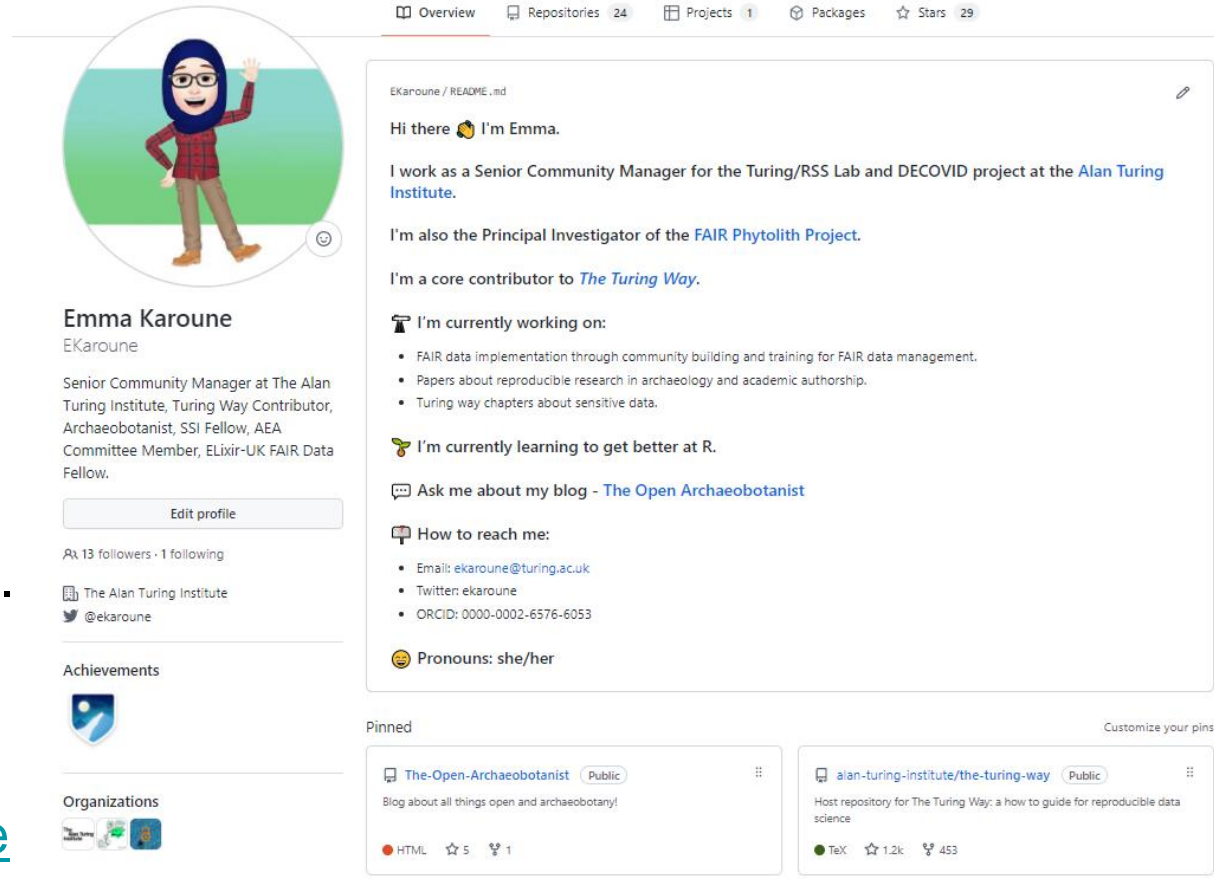
- Github profile page - like a short CV or project advert
- Github pages
 - For you - CVs, blogs, presentations
 - Your projects - to advertise, give info, project updates, attract contributors

Link these to social media - twitter, facebook, etc.




Github Profile

- Make your Github profile into an advert for you and your work.
- Make a repo in the exact name as your account and it will create a README.md with a template to fill in.
- This is automatically generated as your profile README.md.
- Link for more help [here](#)



The screenshot displays the GitHub profile of Emma Karoune. At the top, navigation links for Overview, Repositories (24), Projects (1), Packages, Stars (29), and a profile icon are visible. The profile header includes a circular avatar of Emma, her name 'Emma Karoune', and her GitHub handle 'EKaroune'. Below this, her bio states: 'Senior Community Manager at The Alan Turing Institute, Turing Way Contributor, Archaeobotanist, SSI Fellow, AEA Committee Member, Elixir-UK FAIR Data Fellow.' An 'Edit profile' button is located beneath the bio. The 'Followers' section shows '13 followers · 1 following'. The 'The Alan Turing Institute' organization is listed with the handle '@ekaroune'. The 'Achievements' section features a blue shield icon. The 'Organizations' section shows logos for 'The Alan Turing Institute', 'Elixir-UK', and 'FAIR Data'. The main content area, titled 'EKaroune / README.md', contains a greeting 'Hi there 🙋 I'm Emma.', followed by her roles at the Alan Turing Institute and the FAIR Phylolith Project, and her contribution to 'The Turing Way'. It also lists her current work on FAIR data implementation, reproducible research papers, and Turing Way chapters. A section for 'I'm currently learning to get better at R.' is followed by a link to 'The Open Archaeobotanist' blog. The 'How to reach me:' section provides contact information: Email (ekaroune@turing.ac.uk), Twitter (ekaroune), and ORCID (0000-0002-6576-6053). The 'Pronouns:' section lists 'she/her'. The 'Pinned' section at the bottom shows two repositories: 'The-Open-Archaeobotanist' (Public, 5 stars, 1 fork) and 'alan-turing-institute/the-turing-way' (Public, 1.2k stars, 453 forks).

Overview Repositories 24 Projects 1 Packages Stars 29



Emma Karoune
EKaroune


Senior Community Manager at The Alan Turing Institute, Turing Way Contributor, Archaeobotanist, SSI Fellow, AEA Committee Member, Elixir-UK FAIR Data Fellow.

Edit profile




13 followers · 1 following

The Alan Turing Institute
@ekaroune

Achievements



Organizations

EKaroune / README.md

Hi there 🙋 I'm Emma.

I work as a Senior Community Manager for the Turing/RSS Lab and DECOVID project at the [Alan Turing Institute](#).

I'm also the Principal Investigator of the [FAIR Phylolith Project](#).

I'm a core contributor to [The Turing Way](#).

I'm currently working on:

- FAIR data implementation through community building and training for FAIR data management.
- Papers about reproducible research in archaeology and academic authorship.
- Turing way chapters about sensitive data.

I'm currently learning to get better at R.

Ask me about my blog - [The Open Archaeobotanist](#)

How to reach me:

- Email: ekaroune@turing.ac.uk
- Twitter: [ekaroune](#)
- ORCID: [0000-0002-6576-6053](#)

Pronouns: she/her

Pinned

[The-Open-Archaeobotanist](#) Public

Blog about all things open and archaeobotany!

HTML 5 1

[alan-turing-institute/the-turing-way](#) Public

Host repository for The Turing Way: a how to guide for reproducible data science

TeX 1.2k 453

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.

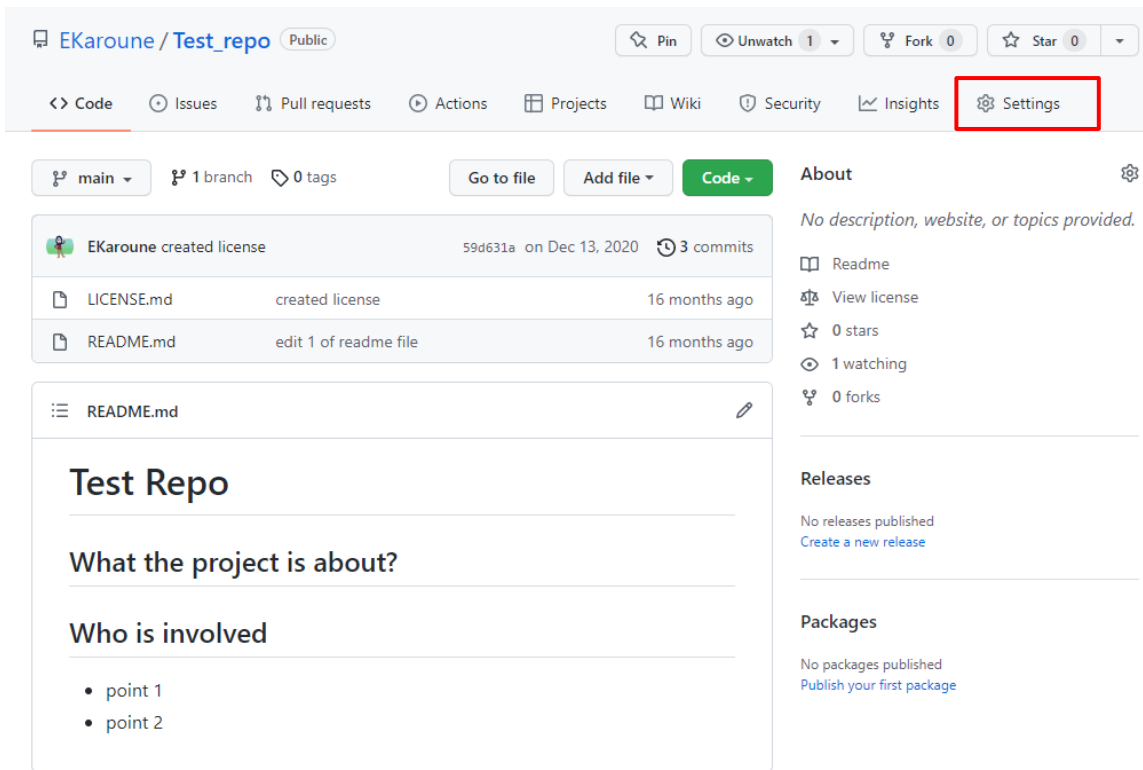
Different ways to create web pages using github:

- Simplest way - enable from repository and use github themes to create one page.
- Slightly harder - use a remote jekyll theme and create multiple pages.
- Bit harder - Fork a theme repository and edit.
- Hardest - create your own webpage theme from scratch.



1. Create your site

1. You need a repository so make a new one or choose the repo you want to make into the website.
- Click settings.



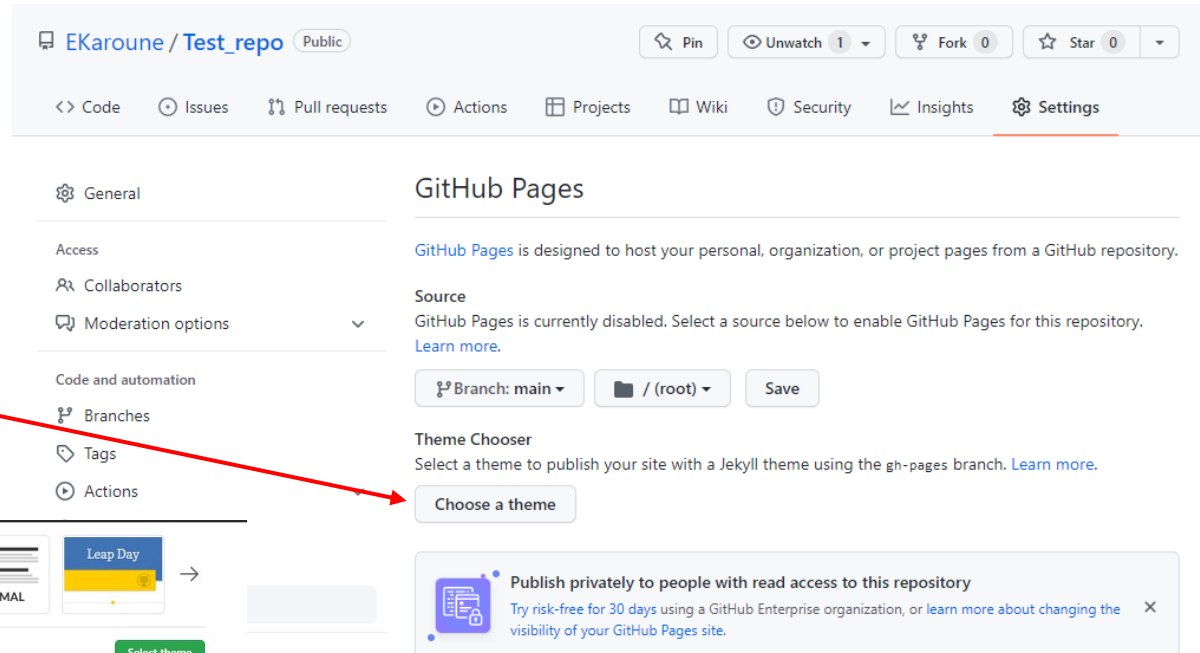
2. Click on pages

- Click pages

The screenshot shows the GitHub repository settings for 'EKaroune / Test_repo'. The 'Settings' tab is selected, and the 'Pages' sub-tab is active. The left sidebar contains various settings categories: General, Access, Collaborators, Moderation options, Code and automation, Branches, Tags, Actions, Webhooks, Environments, Pages (highlighted), and Security. The main content area is titled 'GitHub Pages' and states that GitHub Pages is currently disabled. It provides a 'Source' section with a 'None' button and a 'Save' button. A 'Select branch' dropdown menu is open, showing 'main' and 'None' as options. A red arrow points from the 'Click pages' instruction to the 'Pages' tab. Another red arrow points from the 'Click none and then main.' instruction to the 'None' button in the 'Source' section. A 'Select branch' dropdown menu is open, showing 'main' and 'None' as options.

- Click none and then main.

3. Choose a theme



Click here

Click on a theme at the top
and
then select a theme green
button

Cayman theme

Cayman is a clean, responsive theme for GitHub Pages.

[View on GitHub](#)

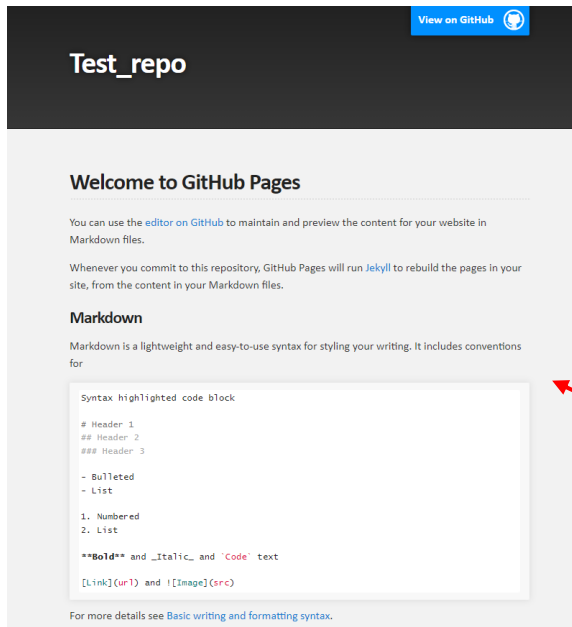
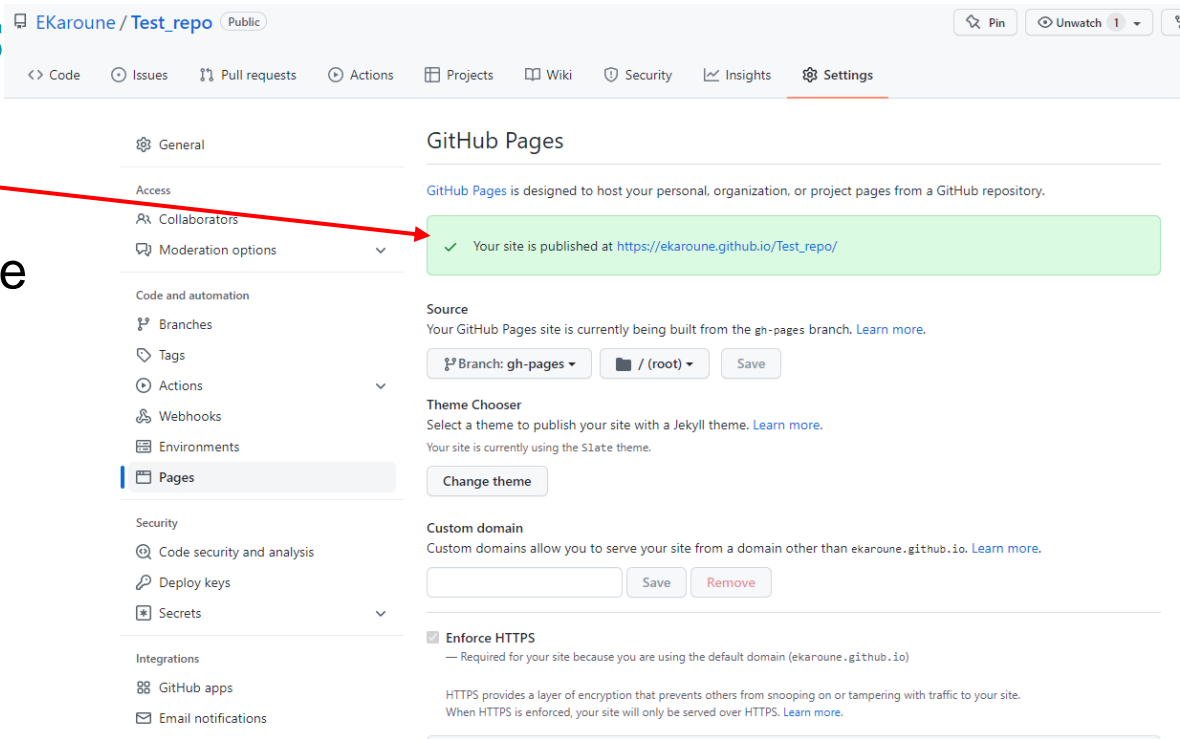
[Download .zip](#)

[Download .tar.gz](#)

4. Web page address

Find your web address here

Click on the web address to see the web page



This is what you should see - it creates a branch for your gh-pages.

5. Make changes

Can keep it in the gh-pages branch or move into main branch.

In the main branch, the landing page will be your readme file.

Test_repo

Test Repo

What the project is about?

Who is involved

- point 1
 - point 2
-


6. Add a different remote theme

Check out free jekyll themes here:


<https://jekyllthemes.io/free>


Change the config.yml file

- `remote_theme:` *then add github repo name*





 gh-pages ▾ [Test_repo](#) / `_config.yml`

Go to file ...

 EKaroune changing remote theme link Latest commit 3d36c64 now [History](#)

 1 contributor

1 lines (1 sloc) | 42 Bytes

Raw Blame    

1 `remote_theme: just-the-docs/just-the-docs`

See examples

- Simple Theme example:

https://github.com/malvikasharan/developing_collaborative_document

- Choose from many free and open source templates

- <https://jekyllthemes.io/free>

- <https://github.com/planetjekyll/awesome-jekyll-themes>

- Example - <https://ekaroune.github.io/The-Open-Archaeobotanist/>

- Building advanced websites:

- Advanced websites using Jekyll: <https://openlifesci.org/>

- Advanced websites using Hugo: <https://sgibson91.github.io/> / <https://themes.gohugo.io>

- YouTube video of 'Create a free data blog with jekyll & Github pages' - <https://www.youtube.com/watch?v=7SBXI94xNI8>

- Carpentires course with Github and html. - <https://carpentries-incubator.github.io/jekyll-pages-novice/>

Now it is your turn!

Pick to make a profile page or simple webpage

Instructions are in the slides or the shared document



Emma Karoune

Ekaroune

Senior Community Manager at The Alan Turing Institute, Turing Way Contributor, Archaeobotanist, SSI Fellow, AEA Committee Member, ELIXIR-UK FAIR Data Fellow.

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- ORCID: [0000-0002-6576-6053](https://orcid.org/0000-0002-6576-6053)

Pronouns: she/her

Pinned

Customize your pins

The-Open-Archaeobotanist Public

Blog about all things open and archaeobotany!

HTML ☆ 5 🔖 1

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

Host repository for The Turing Way: a how to guide for reproducible data science

TeX ☆ 1.2K 🔖 453



Search FAIR Phytoliths

[View on GitHub](#)

Home

Roadmap

Code of conduct

Contributing

FAIR Phytoliths: Increasing the FAIRness of phytolith data

all contributors 10

"We want to learn new ideas and new ways to share our work and then explain these ideas to the group of people working with old cells from green stuff" 🌱

This is what we do explained using only the 1000 most common words (produced with [UP-GOERS](#) text editor).

Welcome!

Thanks for visiting the *FAIR Phytoliths* project! In this document you can find lots of information about this project. You can just scroll down or use the quick links below for each section.

- [What is this project about and why is it important?](#)
- [What do we want to do?](#)
- [What does this project need?](#)
- [Who are we?](#)
- [Get in touch](#)
- [Find out more](#)

Make your repo citable and FAIR!



FAIR

[FAIR? \(Presentation slides\)](#)

29

[GO FAIR](#) overview

[Wilkinson et al. 2016](#) (Paper on FAIR)

[The Turing Way: FAIR](#) (general overview)

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



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

Esther Plomp

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

It is a requirement of most journals for you to write data and code availability statements.

- you need a DOI
- Github does not provide these so you need to link to a repository.

Data accessibility

Repository: IsoArch [1]

Data identification number: 10.48530/isoarch.2021.011

Direct URL: [10.48530/isoarch.2021.011](https://doi.org/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](https://doi.org/10.48530/ISOARCH.2021.011)
- [6] E. Plomp, J.C. Peterson, [software] EstherPlomp/figures-Nd-data, Zenodo, 2021. doi:[10.5281/ZENODO.5150520](https://doi.org/10.5281/ZENODO.5150520).
- [7] C. Stantis, [software] stantis/IsoDataVis: first (Official) release, Zenodo, 2021. doi:[10.5281/ZENODO.4743734](https://doi.org/10.5281/ZENODO.4743734).

Upload to free openly accessible online repositories



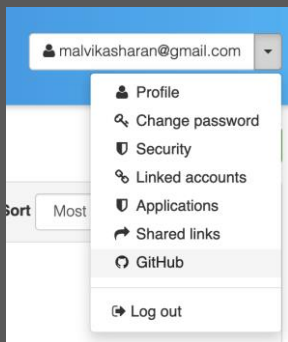
- **Trustworthy** digital repository (TDR)
- Allows to generate shareable **DOI**
- **Digital Object Identifier**

- **Not** a TDR
- cannot ensure long-term access

Linking Zenodo



Zenodo

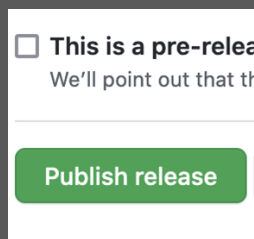
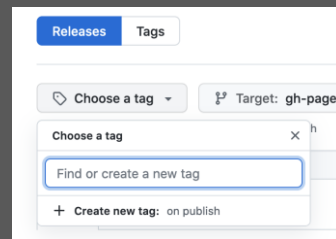
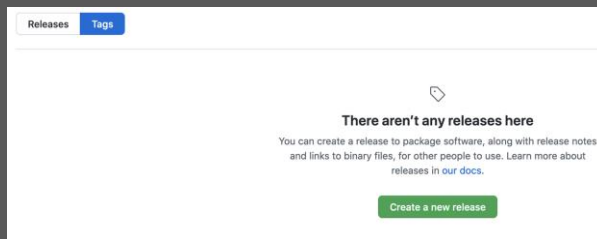
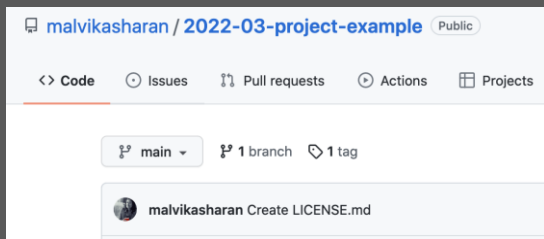


malvikasharan/2022-03-project-example

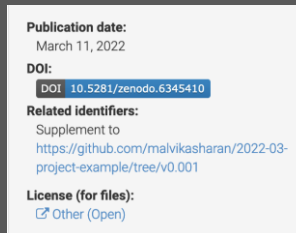
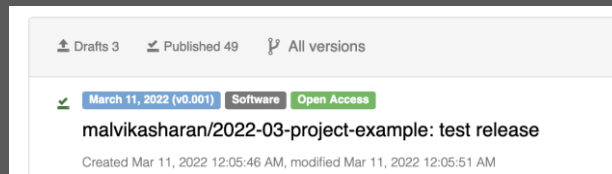
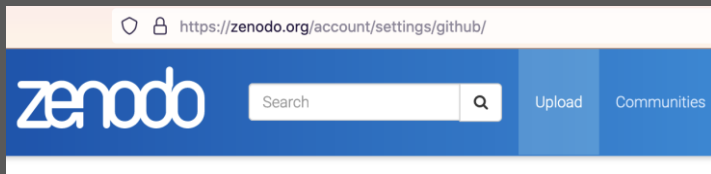
DOI 10.5281/zenodo.6345410

ON

GitHub



Zenodo



Citable DOI

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

DOI [10.5281/zenodo.5150521](https://doi.org/10.5281/zenodo.5150521)

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.

The image is a composite of three screenshots from a GitHub repository interface, illustrating how to create a CITATION.cff file. A large teal arrow points from the top-left screenshot to the bottom-right one.

Top-left screenshot: Shows a repository file list for user 'EstherPlomp'. The files listed are 'Data', 'Images', 'Script', 'CITATION.CFF', 'LICENSE', and 'README.md'. A teal arrow points from this list towards the bottom-right screenshot.

Bottom-left screenshot: Shows the 'Add file' dropdown menu. The options are 'Go to file', 'Add file', and 'Code'. The 'Add file' option is expanded, showing 'Create new file' (highlighted in blue) and 'Upload files'. Below this, it says '18 commits'.

Bottom-right screenshot: Shows the 'Figures-Nd-data / CITATION.CFF' page in the 'main' branch. A green box contains the text: 'Adding a CITATION.cff file helps users to easily cite your software from the repository overview. [Learn more.](#)'. To the right of this box is a button labeled 'Insert example'. Above this button is a button labeled 'Cancel changes'. A large teal arrow points from the top-right towards the 'Insert example' button.

Instructions from how to do this in The Turing Way - <https://the-turing-way.netlify.app/communication/citable/citable-cff.html>



main ▾

ICOPS-training-2022 / CITATION.cff

Go to file



EKaroune create citation cff file

Latest commit 92f6869 4 days ago 🕒 History

👤 1 contributor

27 lines (27 sloc) | 903 Bytes

Raw

Blame



```
1 cff-version: 1.2.0
2 message: "If you use this training material, please cite it as below."
3 type: software
4 authors:
5   - family-names: Karoune
6     given-names: Emma
7     affiliation: The Alan Turing Institute
8     orcid: 'https://orcid.org/0000-0002-6576-6053'
9   - family-names: Kerfant
10    given-names: Celine
11    affiliation: Universitat Pompeu Fabra
12    orcid: 'https://orcid.org/0000-0002-4297-5469'
13 title: International Committee on Open Phytolith Science Training Resources
14 version: 1.0.0
15 doi: 10.5281/zenodo.1234
16 date-released: 2022-04-06
17 url: "https://github.com/open-phytoliths/ICOPS-training-2022"
18 abstract: >-
19   This is an archive of the repository of training material from workshops and other training events organised and run by the International Committee on Open Phytolith Science
20 keywords:
21   - Phytoliths
22   - Archaeobotany
23   - Open Science
24   - Open Data
25   - Open Access
26   - Open Source
27 license: CC-BY-4.0
```

Linking Open Science Framework



Sign up OSF and created a repo to hold your data

- Go to <https://osf.io> to create an account, and then create a new project

The screenshot shows the OSFHOME interface for a new project. The top navigation bar includes links for My Quick Files, My Projects, Search, Support, Donate, and a user profile for Li-Ying Wang. Below this, a secondary navigation bar highlights 'Add-ons' in a red box. The main content area is titled 'My data' and includes metadata such as contributors (Li-Ying Wang), affiliated institutions (University of Washington), creation and update dates, category (Project), and a description. A red box highlights the instruction 'Click on a storage provider or drag and drop to upload' in the Files section. The right sidebar contains sections for Citation, Components, and Tags.

OSFHOME ▾ My Quick Files My Projects Search Support Donate Li-Ying Wang ▾

My data Files Wiki Analytics Registrations Contributors **Add-ons** Settings

0.0B Private Make Public 0 ...

W My data

Contributors: [Li-Ying Wang](#)

Affiliated Institutions: [University of Washington](#)

Date created: 2021-10-14 07:08 AM | Last Updated: 2021-10-14 07:16 AM

Category: Project

Description: Add a brief description to your project

License: Add a license

Wiki

Add important information, links, or images here to describe your project.

Files

Click on a storage provider or drag and drop to upload

Filter

Name ^ ▾ Modified ^ ▾

My data

— OSF Storage (United States)

Citation ▾

Components

Add components to organize your project.

Tags

Add a tag to enhance discoverability

We can link Github and other add-ons to OSF









- select Add-ons
- configure Add-ons

cs Registrations Contributors **Add-ons** Settings


measures to flag spam content on OSF. Contact support@osf.io if you believe your content has been flagged in error.

Select Add-ons

Sync your projects with external services to help stay connected and organized. Select a category and browse the options.

Categories	Search...
All ▶	 Bitbucket Enable
Citations ▶	 Box Enable
Storage ▶	 Dataverse Enable
	 Dropbox Enable
	 figshare Enable
	 GitHub Enable
	 GitLab Enable
	 Google Drive Enable

Configure Add-ons

 GitHub authorized by Li-Ying Wang [Disconnect Account](#)

Current Repo:

[Save](#) [Create Repo](#)

Don't see your GitHub organization repositories?
You may need to reauthorize your GitHub access token. Follow the steps in the [help guide](#) to resolve the issue.
Please contact support@osf.io if you have questions.



Kiwulan_Burials.xlsx

Delete

Download

Share

View

Revisions

Filter



A Bayesian networks approach to inf...

- GitHub: LiYingWang/kwl-burials (...)

+ .github

.gitignore

.Rbuildignore

.Rprofile

- analysis

+ code

- data

+ derived_data

DO-NOT-EDIT-ANY-FILES...

- raw_data

View this file on [GitHub](#).

burials

key

description

dates

Show rows with cells including:

Layer	ID	Burial_axis	Degree_axis	Condition	Length	Width	Hight	Pit	sampled	start_layer	start_depth
1	0	1	290	3	115	70		P9		5	-70
1	1	1	295	2	102	60	30	P051	Y	14	-20
1	2	1	290	2	104	75	60	P051	Y	12	14
1	3	1	290	1	130	82	60	P050		7	-25
1	4	1	300	2	140	73	30	P038		2	-30
1	5	1	285	2	70	50	35	P050		7	-30
1	6	1	310	3	85+	55	13	P038		4	-52
1	7	1	290	2	130	60	29	P028		8	-30
1	8	1	295	2	100	58	15	P038		5	-75
1	9	1	300	1	130	70	60	P052	Y	6	4
1	11	1	300	2	90+	60	40	P060	Y	9	-20
1	12	2		3			9	P038		5	-79
1	15	1	290	2	95	60	27	P040	Y	8	-30
1	16	1	300	1	76	45	37	P072	Y	10	-10



A Bayesian networks approach to infer ...

Files

Wiki

Analytics

Registrations

Contributors

Add-ons

Settings



2.7MB

Make Private

Public

0



A Bayesian networks approach to infer social changes in burials in northeastern Taiwan during the European colonization period

Contributors: [Li-Ying Wang](#), [Ben Marwick](#)

Affiliated Institutions: [University of Washington](#)

Date created: 2021-03-02 03:37 PM | Last Updated: 2021-08-24 10:57 PM

Identifier: DOI 10.17605/OSF.IO/XGA6N

Category: Project

Description:

In this paper, we introduce a Bayesian framework on ERGMs that enables an efficient computational process, effective quantification of uncertainty, and robust model evaluation of network properties. We tested a hypothesis of social change relative to the arrival of Europeans by studying burial data from Kiwulan, an Iron Age site in northeastern Taiwan. The results indicate a transition among the burials from network ties based on ritual objects to wealth objects, and a more centralized structure with increased social differentiation after the European presence was established in the 17th century. Our case study demonstrates the effectiveness of Bayesian network analysis for archaeological data, and expands the use of burials in understanding the impacts of colonial presence on Indigenous groups in a pericolonial context.

License: CC-BY Attribution 4.0 International

Now it is your turn

Have a go at linking your repository with Zenodo

Instructions are in the shared document

Or try adding a CITATION.cff file

Using project boards

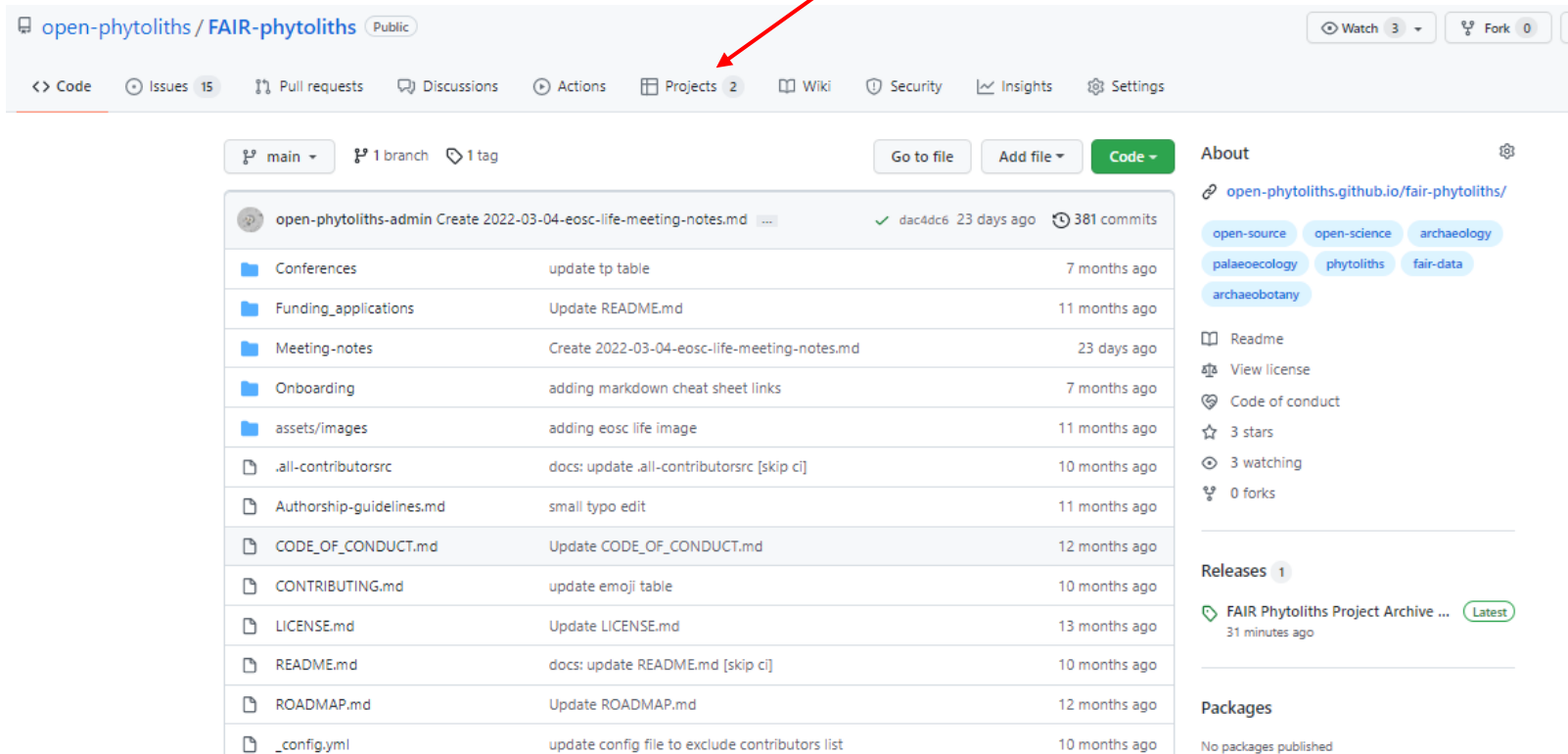
What are project boards?

- They are project management tools
- make to do lists
- collaborate with your team
- track your project
- measure your projects progress



Where to start

Click projects at the top



The screenshot shows the GitHub repository page for `open-phytoliths / FAIR-phytoliths`. The repository is public and has 3 watchers and 0 forks. The top navigation bar includes links for Code, Issues (15), Pull requests, Discussions, Actions, Projects (2), Wiki, Security, Insights, and Settings. A red arrow points to the 'Projects' tab. Below the navigation bar, the repository structure is displayed, showing a list of files and folders. The right sidebar contains the 'About' section with a link to `open-phytoliths.github.io/fair-phytoliths/`, a list of tags (open-source, open-science, archaeology, palaeoecology, phytoliths, fair-data, archaeobotany), and a 'Releases' section with a link to the FAIR Phytoliths Project Archive.

open-phytoliths / FAIR-phytoliths Public

Watch 3 Fork 0

<> Code Issues 15 Pull requests Discussions Actions Projects 2 Wiki Security Insights Settings

main 1 branch 1 tag Go to file Add file Code

open-phytoliths-admin	Create 2022-03-04-eosc-life-meeting-notes.md	✓ dac4dc6 23 days ago 381 commits
Conferences	update tp table	7 months ago
Funding_applications	Update README.md	11 months ago
Meeting-notes	Create 2022-03-04-eosc-life-meeting-notes.md	23 days ago
Onboarding	adding markdown cheat sheet links	7 months ago
assets/images	adding eosc life image	11 months ago
.all-contributorsrc	docs: update .all-contributorsrc [skip ci]	10 months ago
Authorship-guidelines.md	small typo edit	11 months ago
CODE_OF_CONDUCT.md	Update CODE_OF_CONDUCT.md	12 months ago
CONTRIBUTING.md	update emoji table	10 months ago
LICENSE.md	Update LICENSE.md	13 months ago
README.md	docs: update README.md [skip ci]	10 months ago
ROADMAP.md	Update ROADMAP.md	12 months ago
_config.yml	update config file to exclude contributors list	10 months ago

About

open-phytoliths.github.io/fair-phytoliths/

open-source open-science archaeology palaeoecology phytoliths fair-data archaeobotany

Readme View license Code of conduct 3 stars 3 watching 0 forks

Releases 1

FAIR Phytoliths Project Archive ... Latest 31 minutes ago

Packages

No packages published

Types of projects

The screenshot shows a web interface for project management. On the left, there are two tabs: 'Projects Beta' with a count of 0 and 'Projects' with a count of 2. The 'Projects' tab is active. A search bar at the top contains the text 'is:open'. To the right of the search bar is a green button labeled 'New project'. Below the search bar, there is a summary bar showing '2 Open' and '0 Closed' projects, along with a 'Sort' dropdown menu. The main content area displays a list of two projects:

Project Name	Description	Actions
EOSC-2021-2022 <small>Updated on Jan 9</small>	FAIR Phytolith project initial project funded by EOSC-Life	...
Open Life Science 3 <small>Updated on Jun 30, 2021</small>	Project creation during the Open Life Science 3 program.	...

- Kanban boards
- Beta - more like spreadsheets

Kanban boards

- Milestones
- Issues
- Tasks
- Can also link in pull requests
- Automation

The screenshot displays a Kanban board for the repository 'open-phytoliths / FAIR-phytoliths'. The board is organized into three columns: 'To do', 'In progress', and 'Done'. Each column contains several task cards, each representing a specific task or milestone. The cards include details such as the task name, progress status (e.g., '3 tasks done'), the issue number, the assignee (Ekaroune), and the category (Community building and training). The board is titled 'EOSC-2021-2022' and was last updated on Jan 9. The interface includes navigation links for Code, Issues (15), Pull requests, Discussions, Actions, Projects (2), Wiki, Security, Insights, and Settings.

open-phytoliths / FAIR-phytoliths Public

<> Code 15 Issues Pull requests Discussions Actions Projects 2 Wiki Security Insights Settings

EOSC-2021-2022
Updated on Jan 9

4 To do

- Github training**
3 tasks done
#34 opened by Ekaroune
Community building and training
- FAIR assessment training**
4 tasks
#35 opened by Ekaroune
Community building and training
- Pre-registration of FAIR assessment**
5 tasks
#37 opened by Ekaroune
FAIR assessment of existing data
- FAIR guidelines**
3 tasks
#39 opened by Ekaroune
FAIR guidelines


6 In progress




- EOSC project infrastructure**
1 of 2 tasks
#31 opened by Ekaroune
Building infrastructure
- FAIR assessment**
10 of 17 tasks
#32 opened by Ekaroune
FAIR assessment of existing data
- Onboarding of new community members**
1 of 5 tasks
#33 opened by Ekaroune
Community building and training
- Writing data paper for FAIR assessment**
8 tasks
#38 opened by Ekaroune
FAIR assessment of existing data
- Onboarding new post-doc - Celine Kerfant**
12 of 13 tasks
#41 opened by Ekaroune
Community building and training
- Analysis of community survey**
4 tasks
#36 opened by Ekaroune
FAIR assessment of existing data

4 Done

- Initial Infrastructure finalising**
12 tasks done
#30 opened by Ekaroune
Building infrastructure
- FAIR assessment data collection methodology**
9 tasks done
#17 opened by Ekaroune
FAIR assessment of existing data
- Becoming an official standing committee of International Phytolith Society**
4 tasks done
#29 opened by Ekaroune
Community building and training
- Community survey**
13 tasks done
#4 opened by Ekaroune
help wanted
Community building and training



A look at milestones and issues

 open-phytoliths / FAIR-phytoliths Public


 Watch 3  Fork 0  Starred 3

[Code](#) [Issues 9](#) [Pull requests](#) [Discussions](#) [Actions](#) [Projects 2](#) [Wiki](#) [...](#)

[Labels](#) [Milestones](#) [New milestone](#)

 4 Open  0 Closed Sort

Building infrastructure


No due date  Last updated less than a minute ago

[Edit](#) [Close](#) [Delete](#)

50% complete

1 open 1 closed

Community building and training


No due date  Last updated 2 minutes ago

[Edit](#) [Close](#) [Delete](#)

50% complete

3 open 3 closed

FAIR assessment of existing data


No due date  Last updated 5 minutes ago

[Edit](#) [Close](#) [Delete](#)

40% complete

3 open 2 closed

FAIR guidelines

No due date  Last updated 9 months ago

[Edit](#) [Close](#) [Delete](#)

Creating FAIR guidelines for existing and future phytolith data

0% complete

1 open 0 closed

Issues

open-phytoliths / FAIR-phytoliths Public

Watch 3 Fork 0 Starred 3

<> Code Issues 15 Pull requests Discussions Actions Projects 2 Wiki ...

Labels Milestones Edit milestone New issue

FAIR assessment of existing data

No due date 0% complete

<input type="checkbox"/>	5 Open 0 Closed	
<input type="checkbox"/>	FAIR assessment data collection methodology #17 opened on May 1, 2021 by EKaroune 9 tasks done	2
<input checked="" type="checkbox"/>	FAIR assessment #32 opened on Jul 5, 2021 by EKaroune 10 of 17 tasks	1
<input type="checkbox"/>	Analysis of community survey #36 opened on Jul 5, 2021 by EKaroune 4 tasks	
<input type="checkbox"/>	Pre-registration of FAIR assessment #37 opened on Jul 5, 2021 by EKaroune 5 tasks	
<input type="checkbox"/>	Writing data paper for FAIR assessment #38 opened on Jul 5, 2021 by EKaroune 8 tasks	

FAIR assessment #32

Open 10 of 17 tasks EKaroune opened this issue on Jul 5, 2021 · 1 comment

EKaroune commented on Jul 5, 2021 • edited Member

- ☒ Set up folders for data in google drive
- ☐ Set up data management repo
- ☒ Set up final google form for europe 2016-2020
- ☒ Set up final google form for south america 2016-2020
- ☒ Download publish or perish
- ☒ Do google scholar search in PoP for Europe and South America and download csv to add to google drive folder
- ☒ Start collecting articles and data collection
- ☒ Generate google sheet for each form
- ☒ Check we are all collecting in the same way - after one week
- ☐ Download google sheet onto github repo at the end of every week as csv file
- ☒ When finished google scholar list - check we have enough articles/data
- ☒ Decide whether to collect more - extend by how many years?
- ☐ Training for R analysis
- ☐ Make sure that github repo is linked to Rstudio
- ☐ Analyse data - create pipelines for data analysis in R of dataset
- ☐ Create figures
- ☐ check journal requirements for authors in terms of data requirements and also a data availability statements.

- EKaroune added this to the FAIR assessment of existing data milestone on Jul 5, 2021
- EKaroune self-assigned this on Jul 5, 2021
- EKaroune added this to In progress in EOSC-2021-2022 on Jul 5, 2021
- EKaroune moved this from In progress to To do in EOSC-2021-2022 on Jul 5, 2021

Edit New issue

Assignees

EKaroune

Labels

None yet

Projects

EOSC-2021-2022
In progress

Milestone

FAIR assessment of existing data

Development

Create a branch for this issue or link a pull request.

Notifications

Unsubscribe

You're receiving notifications because you were assigned.

1 participant

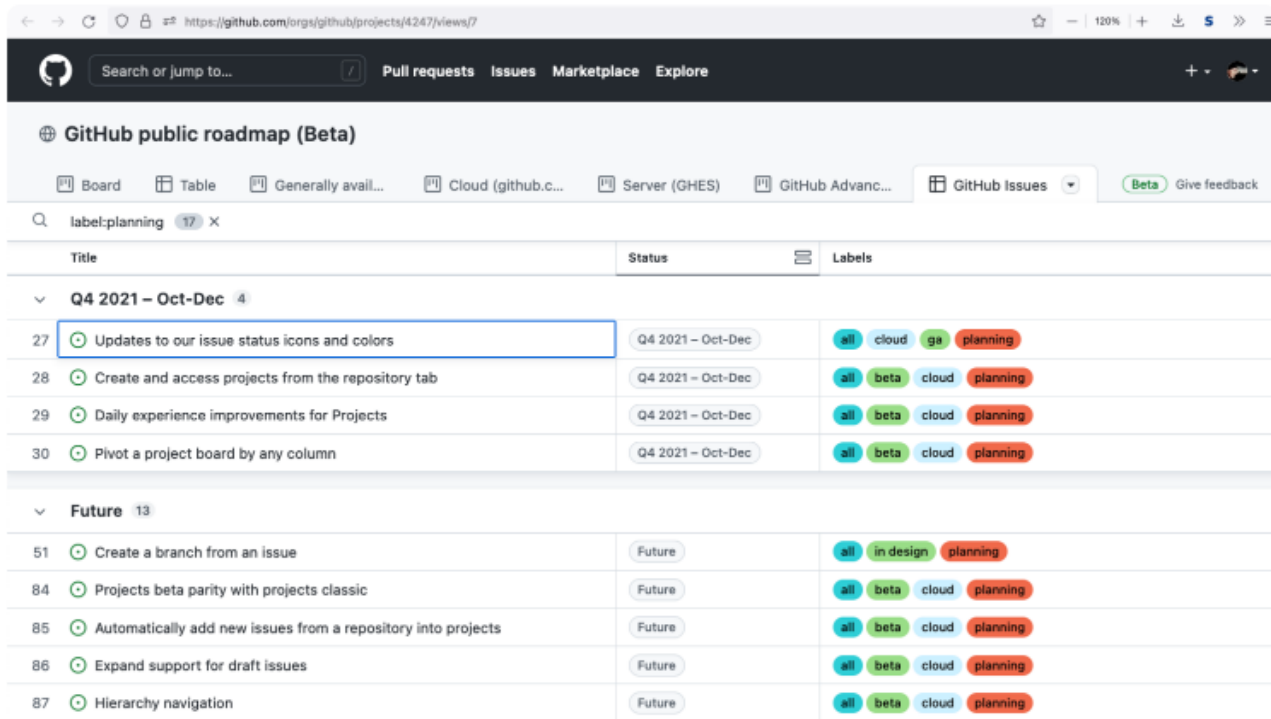
Lock conversation

Pin issue

Transfer issue

Beta projects - project tables

Project tables are spreadsheet-like views where each row is a real or draft issue.



The screenshot shows the GitHub public roadmap (Beta) interface. The top navigation bar includes a search bar and links for Pull requests, Issues, Marketplace, and Explore. The main header is "GitHub public roadmap (Beta)". Below this, there are tabs for Board, Table, Generally avail..., Cloud (github.c..., Server (GHES), GitHub Advanc..., and GitHub Issues. A "Beta" badge and "Give feedback" link are also present. The search bar contains "label:planning" with 17 results. The table below shows a list of issues, grouped by status (Q4 2021 - Oct-Dec and Future). Each row includes a title, a status label, and a set of labels (all, cloud, ga, beta, planning, in design).

Title	Status	Labels
Q4 2021 - Oct-Dec 4		
27 Updates to our issue status icons and colors	Q4 2021 - Oct-Dec	all cloud ga planning
28 Create and access projects from the repository tab	Q4 2021 - Oct-Dec	all beta cloud planning
29 Daily experience improvements for Projects	Q4 2021 - Oct-Dec	all beta cloud planning
30 Pivot a project board by any column	Q4 2021 - Oct-Dec	all beta cloud planning
Future 13		
51 Create a branch from an issue	Future	all in design planning
84 Projects beta parity with projects classic	Future	all beta cloud planning
85 Automatically add new issues from a repository into projects	Future	all beta cloud planning
86 Expand support for draft issues	Future	all beta cloud planning
87 Hierarchy navigation	Future	all beta cloud planning

Any questions?

We have covered a lot today so are there any questions?



Other useful things



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>



How to set up Git to work with RStudio

Basic steps to take:

1. Sign up for a Github account.
2. Install Git on your computer and install RStudio if you don't already have it!
3. Configure git to work with your Github account.
4. Make a repository in Github and press the green code button, then copy the HTTPS.
5. In R studio, start a new project with version control, click git and then paste in the link from github.
6. Now you can work with a git workflow using the git tab in the top right of the interface. Make changes, commit changes, pull from Github and then push to Github.

Instructions in more detail:

- https://kbroman.org/github_tutorial/pages/first_time.html
- <https://happygitwithr.com/big-picture.html>

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>)

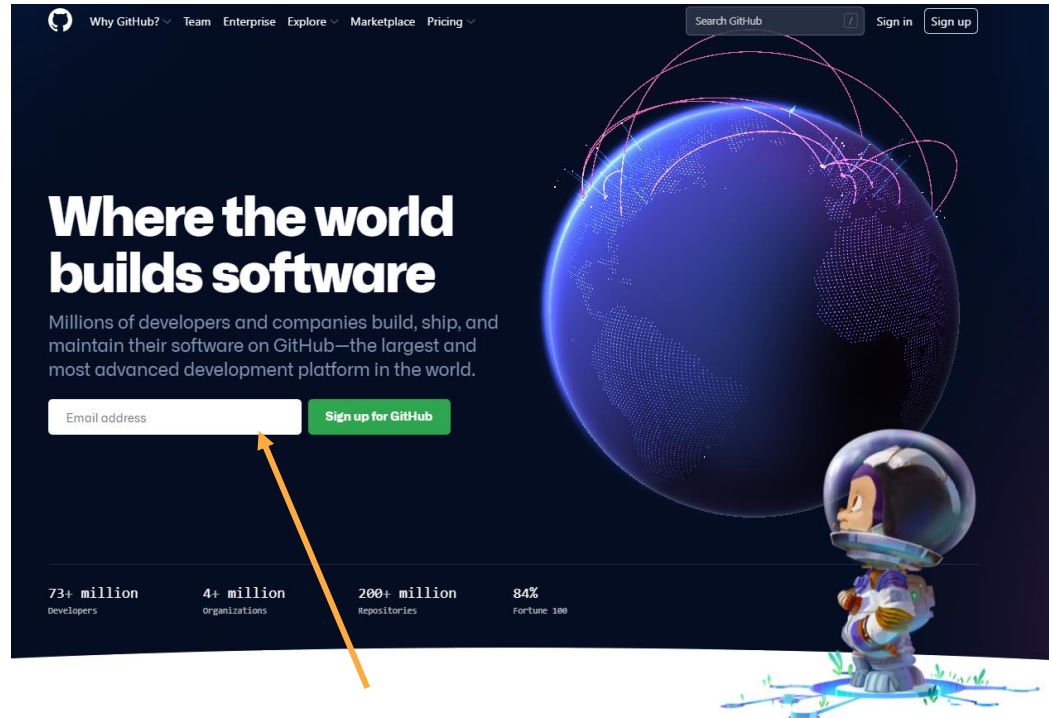
- [GitHub for Collaboration \(from Mozilla\)](#)
- [Understanding the GitHub workflow](#)
- [A Friendly Github Intro Workshop \(from Danielle Robinson\)](#)
- [GitHub help](#)
- [Oh Shit, Git!?!](#)
- [Try Git](#)
- [Git book](#)
- [GitHub glossary](#)
- [Writing on Github](#)
- [Markdown Cheatsheet](#)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



Go to github.com

Step 1: Sign-up

Step 2: Log in



Enter your email address here
and click green button