THE CARPENTRIES

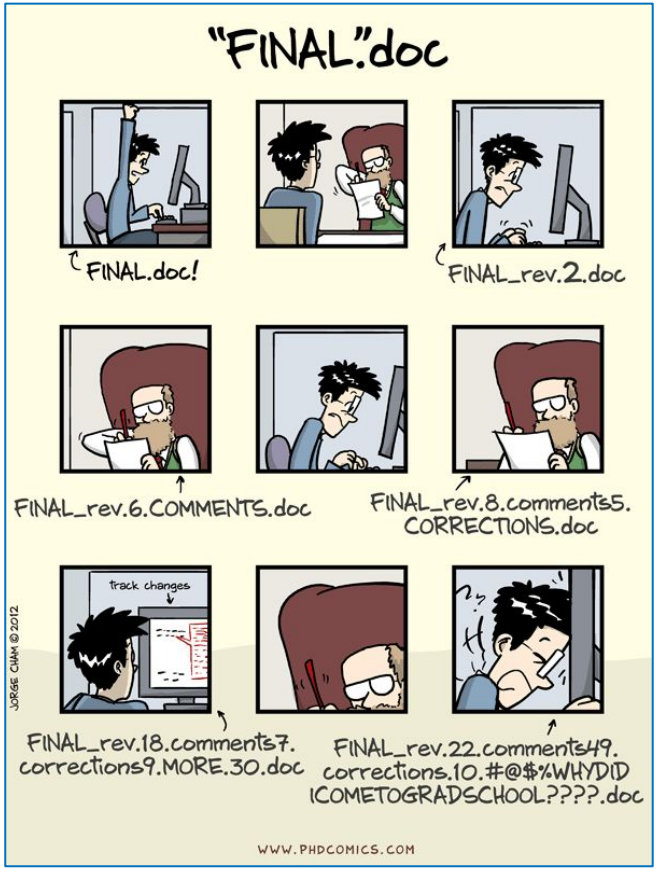
استخدام المصادر المفتوحة
Collaborate using GitHub

Batool Almarzouq

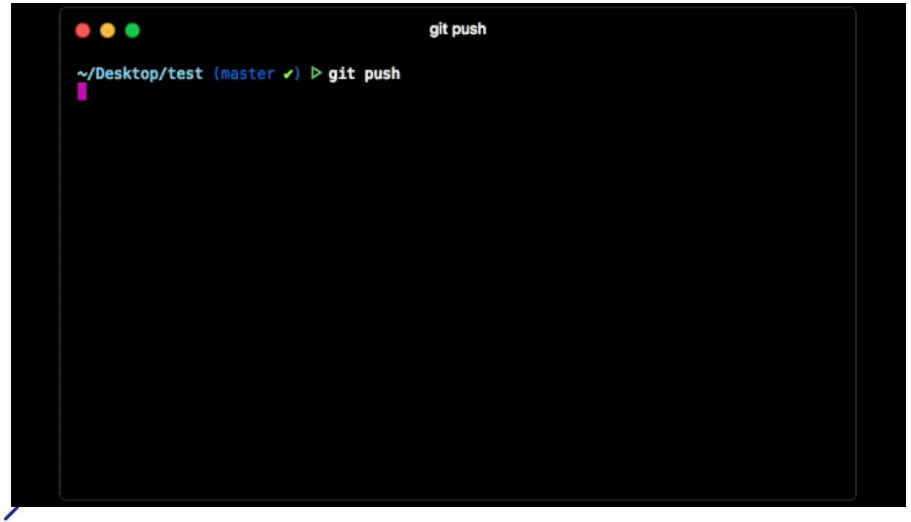
OSCSA
Open Science Community Saudi Arabia
مجتمع العلوم المفتوحة في المملكة العربية السعودية

Day 1
اليوم الأول

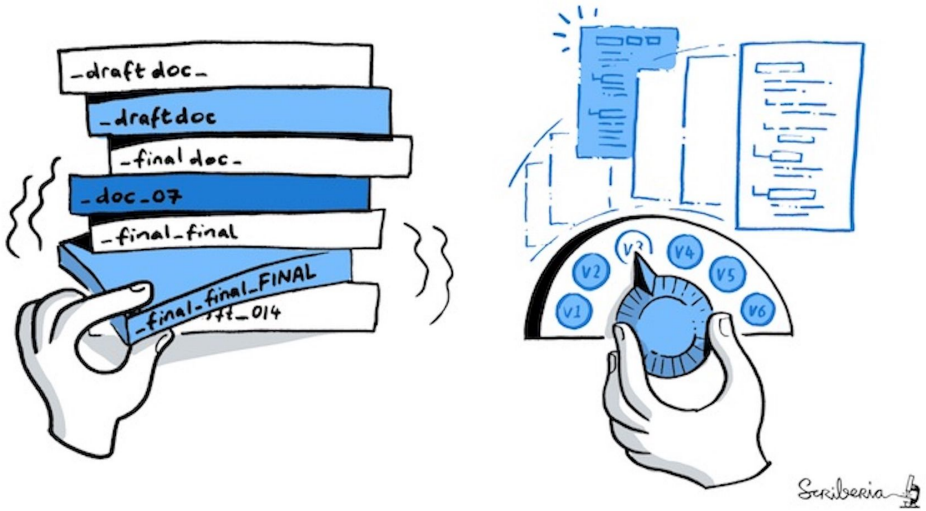
GitHub/git


"FINAL".doc
FINAL.doc!
FINAL_rev.2.doc
FINAL_rev.6.COMMENTS.doc
FINAL_rev.8.comments5.
CORRECTIONS.doc
track changes
FINAL_rev.18.comments7.
corrections9.MORE.30.doc
FINAL_rev.22.comments49.
corrections.10.#@$%WHYDID
ICOMETOGRADSCHOOL????.doc
JORGE CHAM © 2012
WWW.PHDCOMICS.COM

GitHub/git



GitHub/git



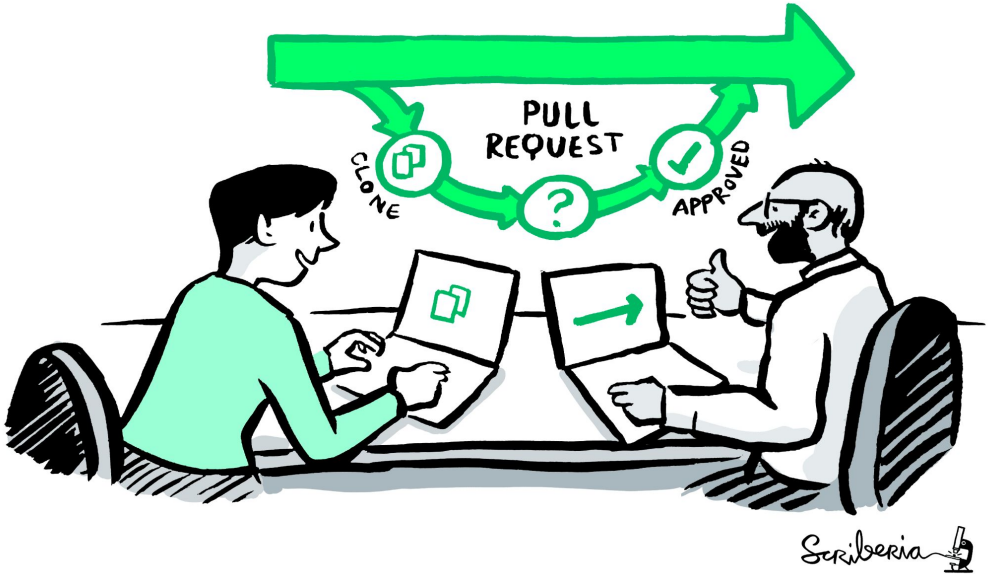
GitHub

The Turing Way project illustration by Scriberia. Used under a CC-BY 4.0 licence. DOI: 10.5281/zenodo.3332807

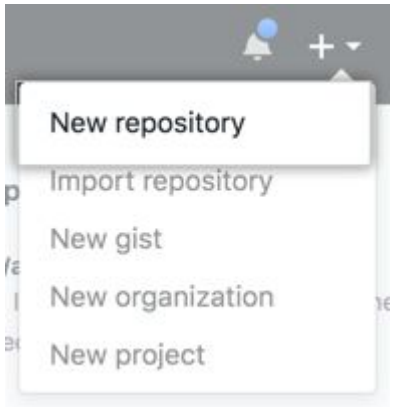
Git is one of the most widely used version control systems in the world. It is a free, open source tool

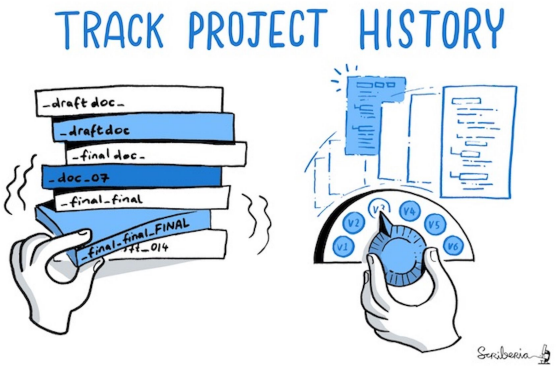
GitHub on the other hand is a **popular website for hosting** and sharing Git repositories remotely. It offers a web interface!

جيت هوب هو ثقافة تعاونية



The Turing Way project illustration by Scriberia. Used under a CC-BY 4.0 licence. DOI: 10.5281/zenodo.3332807





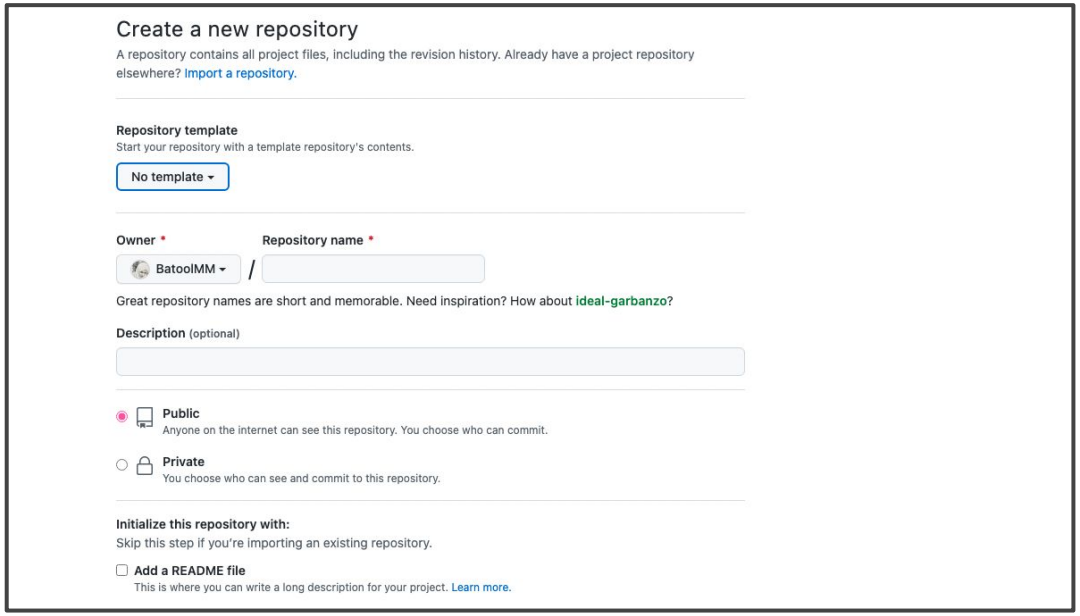
نكون Repo لكي يحتفظ بملفات المشروع ونتعاون فيه مع آخرين

ننقل Repo لRStudio

نغير فيه ونعكس التغييرات في GitHub

التمارين العملية

كيفية تكوين Repo



مبروك أنت الآن مُتمكِن من جيت هوب

You created your first repo.

ملاحظات مهمة عند إنشاء Repo

- Repo يجمع كل ملفات المشروع من إكواد ونتائج و وبيانات.
- Repo يجب أن يحتوي على الملفات التالية أيضا (إذا كان مفتوح المصدر):
  - README.md
  - LICENSE.md رخصة مفتوحة
  - CONTRIBUTING.md

The Turing Way project illustration by Scriberia. Used under a CC-BY 4.0 licence. DOI: 10.5281/zenodo.3332807

about.qmd	revise about	5 months ago
favicon.png	add favicon and improve nav menu and sidebar layout	6 months ago
inc.html	regen	4 days ago
include.html	regen	4 days ago
index.css	Improved accessibility	18 days ago
index.qmd	regen	10 days ago
js.html	visual editing docs	11 months ago
license.qmd	fix trademark link	last month
quarto-docs.Rproj	visual editor prefs in markdown file	5 months ago
quarto-web.code-workspace	use renv managed python	3 months ago
quarto.png	re-gen	10 months ago
references.bib	docs revisions	14 months ago
renv.lock	update renv.lock and requirements.txt	last month
requirements.txt	update renv.lock and requirements.txt	last month
search-by-algolia.png	Add search attribution	9 months ago
styles.css	Improved accessibility	18 days ago
theme-dark.scss	Update dark theme	5 months ago
theme.scss	Improved accessibility	18 days ago
trademark.qmd	update about page	7 months ago

Help people interested in this repository understand your project by adding a README. Add a README

Markdown (.md)

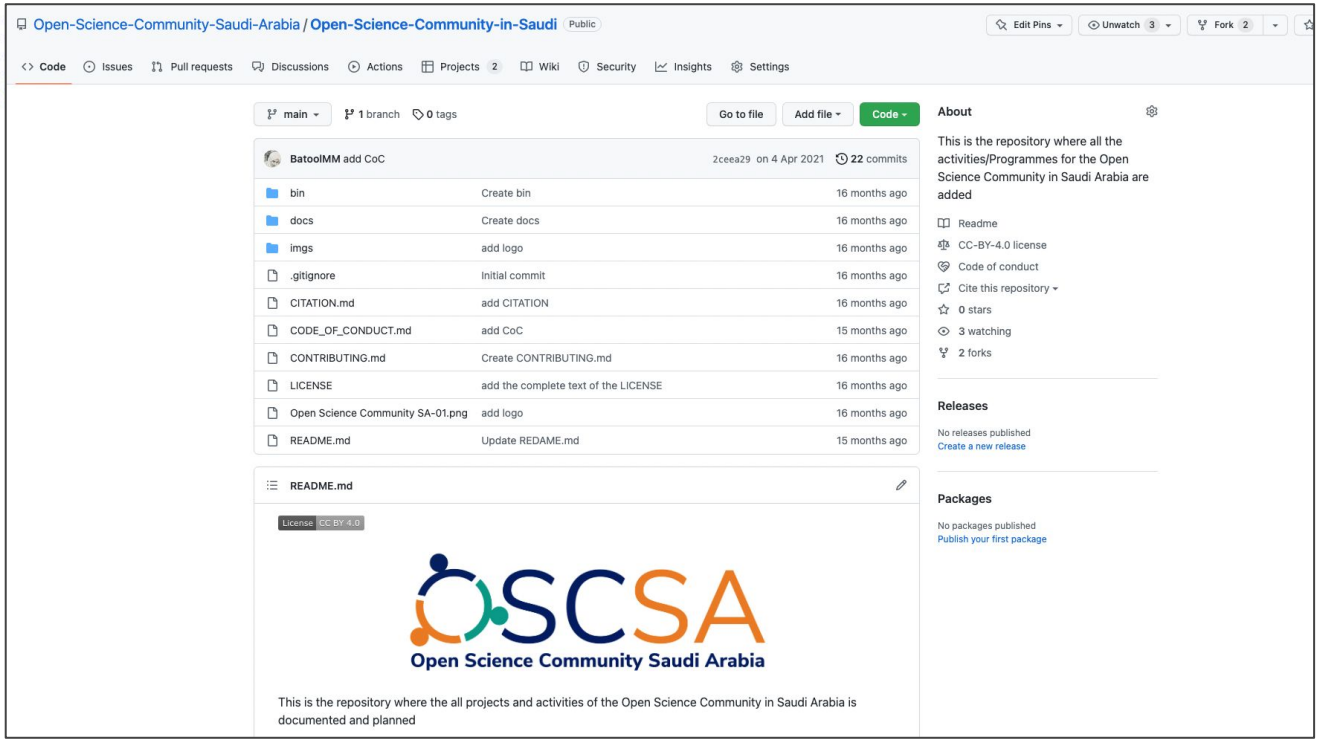
Markdown (.md)

Element	Syntax
Headings	# Level 1 Heading ## Level 2 Heading ### Level 3 Heading
Italic	*text* or _text_
Bold	**text** or __text__
Blockquote	> or >>
Links	[Site Name](Site URL)
Email address	<email address>
Images	![Alt Text](Path to Image)
Ordered list	1. Item 1 2. Item 2 3. Item 3
Unordered list	Use *, – or + * * Item 1 * Item 2 * Item 3

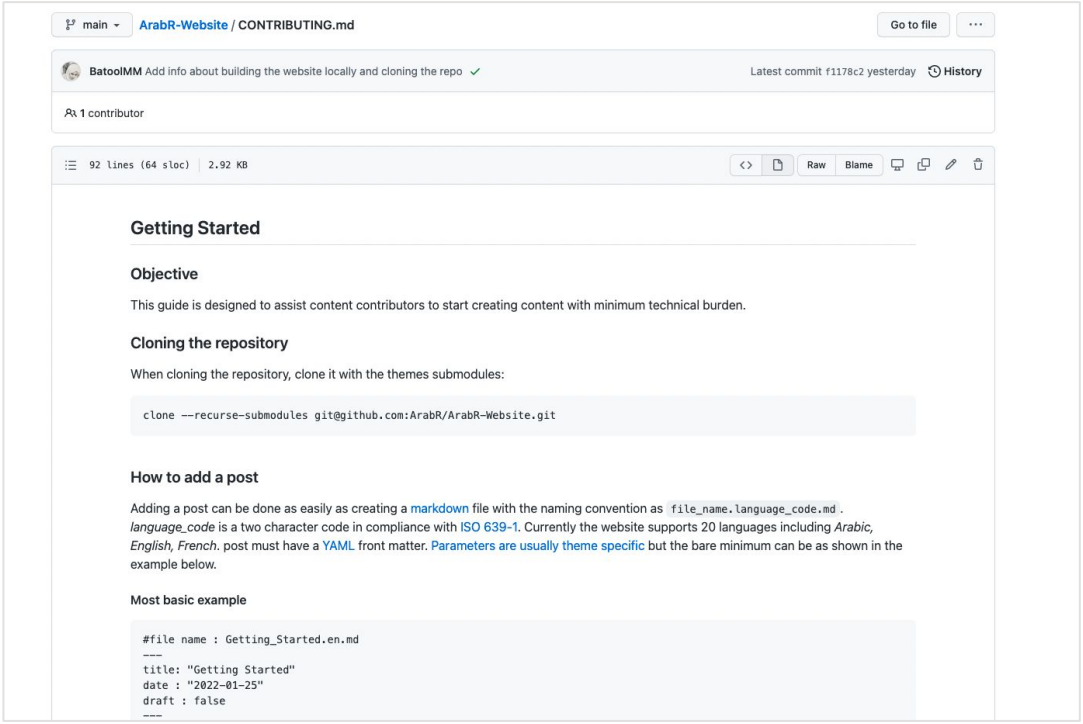
Sublist	Use indentation
	1. Item 1
	  1. Sub-item 1
	  2. Sub-item 2
	2. Item 2
	3. Item 3

Inline Code	`code`
Code block	``` code here ```
Horizontal rules	--- or ***

README.md


Open-Science-Community-Saudi-Arabia / Open-Science-Community-in-Saudi
Public
Edit Pins
Unwatch 3
Fork 2
Code
Issues
Pull requests
Discussions
Actions
Projects 2
Wiki
Security
Insights
Settings
main
1 branch
0 tags
Go to file
Add file
Code
BatoolMM add CoC
2ceea29 on 4 Apr 2021
22 commits
bin Create bin 16 months ago
docs Create docs 16 months ago
imgs add logo 16 months ago
.gitignore Initial commit 16 months ago
CITATION.md add CITATION 16 months ago
CODE_OF_CONDUCT.md add CoC 15 months ago
CONTRIBUTING.md Create CONTRIBUTING.md 16 months ago
LICENSE add the complete text of the LICENSE 16 months ago
Open Science Community SA-01.png add logo 16 months ago
README.md Update REDAME.md 15 months ago
README.md
License CC BY 4.0
OSCSA
Open Science Community Saudi Arabia
This is the repository where the all projects and activities of the Open Science Community in Saudi Arabia is documented and planned
About
This is the repository where all the activities/Programmes for the Open Science Community in Saudi Arabia are added
Readme
CC-BY-4.0 license
Code of conduct
Cite this repository
0 stars
3 watching
2 forks
Releases
No releases published
Create a new release
Packages
No packages published
Publish your first package

CONTRIBUTING.md



main ▾ ArabR-Website / CONTRIBUTING.md Go to file ···

BatoolMM Add info about building the website locally and cloning the repo ✓ Latest commit f1178c2 yesterday History

1 contributor

92 lines (64 sloc) 2.92 KB Raw Blame

Getting Started

Objective

This guide is designed to assist content contributors to start creating content with minimum technical burden.

Cloning the repository

When cloning the repository, clone it with the themes submodules:

```
clone --recurse-submodules git@github.com:ArabR/ArabR-Website.git
```

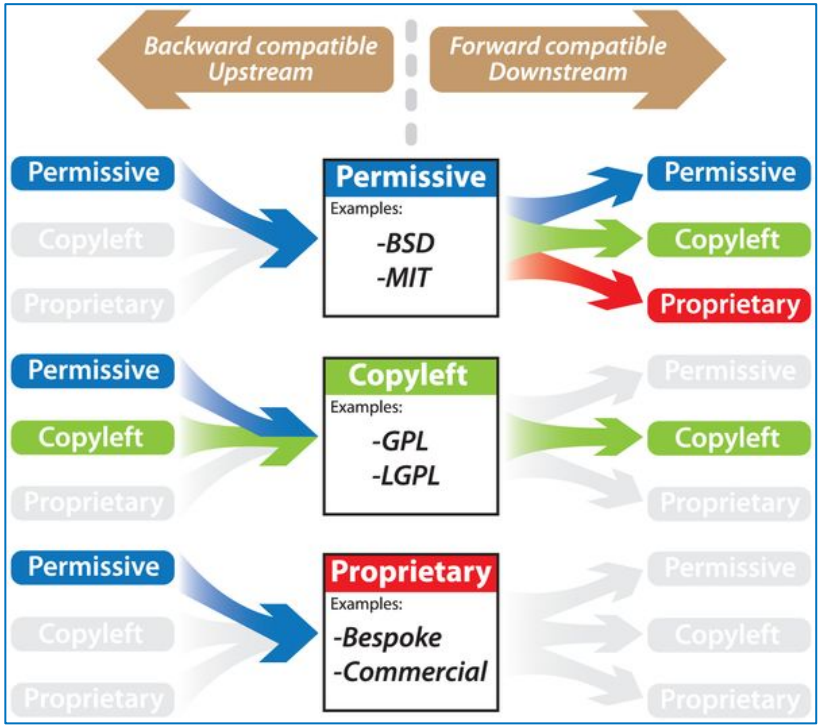
How to add a post

Adding a post can be done as easily as creating a markdown file with the naming convention as `file_name.language_code.md`. *language_code* is a two character code in compliance with ISO 639-1. Currently the website supports 20 languages including *Arabic, English, French*. post must have a YAML front matter. Parameters are usually theme specific but the bare minimum can be as shown in the example below.

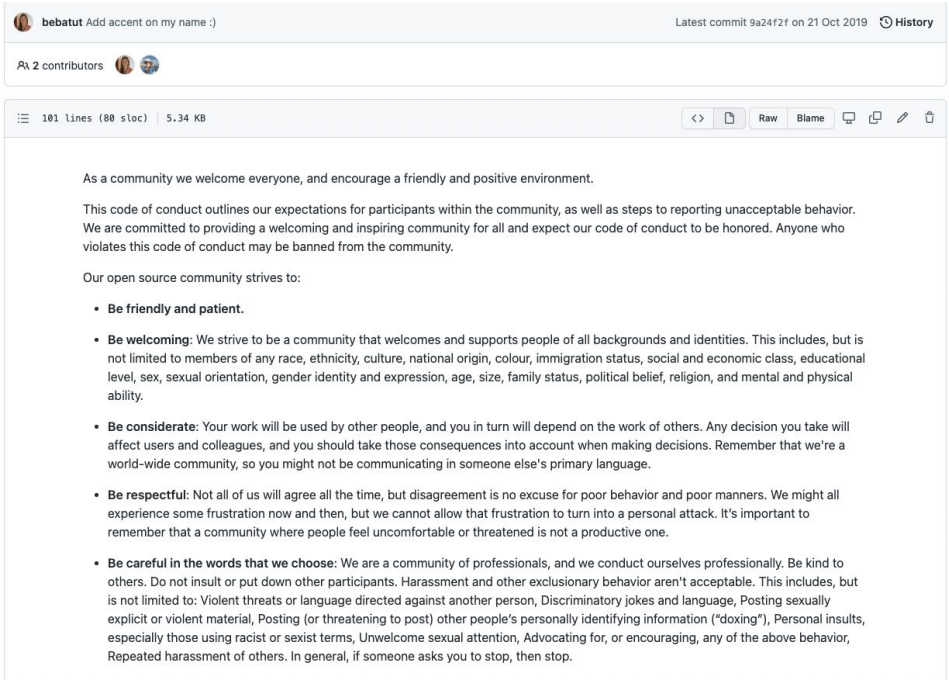
Most basic example

```
#file name : Getting_Started.en.md
---
title: "Getting Started"
date : "2022-01-25"
draft : false
---
```

LICENSE.md


Backward compatible
Upstream
Forward compatible
Downstream
Permissive
Copyleft
Proprietary
Permissive
Examples:
-BSD
-MIT
Permissive
Copyleft
Proprietary
Permissive
Copyleft
Proprietary
Copyleft
Examples:
-GPL
-LGPL
Permissive
Copyleft
Proprietary
Permissive
Copyleft
Proprietary
Permissive
Copyleft
Proprietary
Proprietary
Examples:
-Bespoke
-Commercial
Permissive
Copyleft
Proprietary

CONDUCT.md



bebatut Add accent on my name :) Latest commit 9a24f2f on 21 Oct 2019 History

2 contributors

101 lines (80 sloc) | 5.34 KB Raw Blame

As a community we welcome everyone, and encourage a friendly and positive environment.

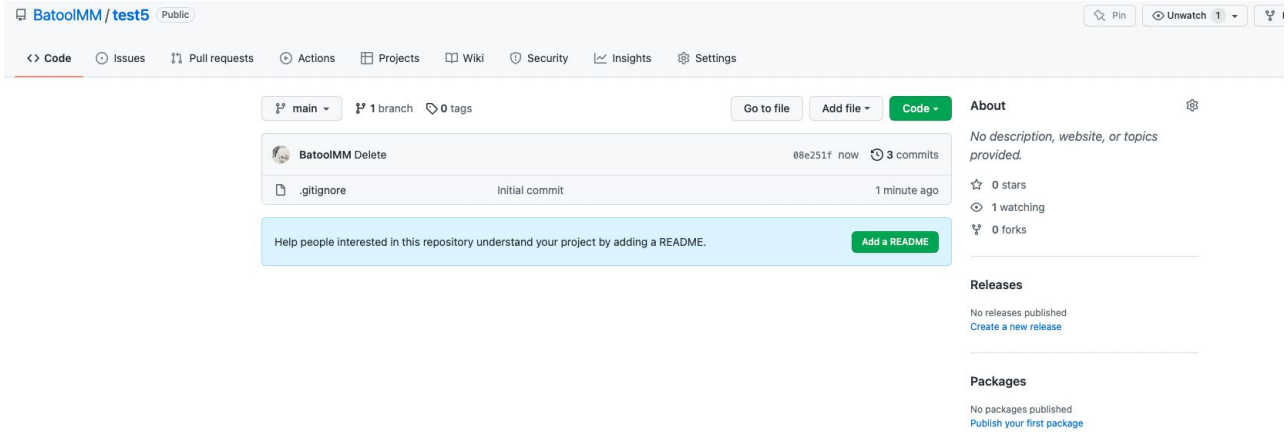
This code of conduct outlines our expectations for participants within the community, as well as steps to reporting unacceptable behavior. We are committed to providing a welcoming and inspiring community for all and expect our code of conduct to be honored. Anyone who violates this code of conduct may be banned from the community.

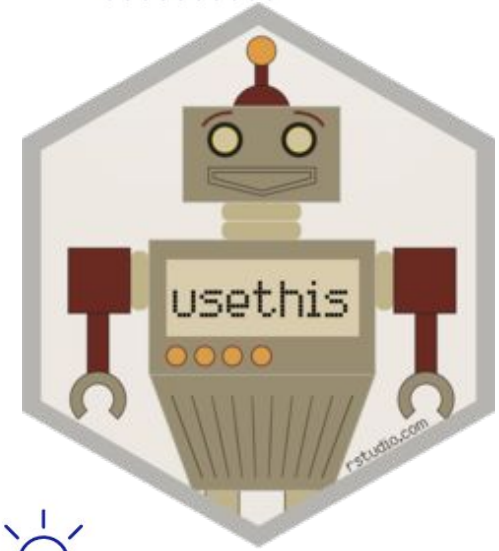
Our open source community strives to:

- **Be friendly and patient.**
- **Be welcoming**: We strive to be a community that welcomes and supports people of all backgrounds and identities. This includes, but is not limited to members of any race, ethnicity, culture, national origin, colour, immigration status, social and economic class, educational level, sex, sexual orientation, gender identity and expression, age, size, family status, political belief, religion, and mental and physical ability.
- **Be considerate**: Your work will be used by other people, and you in turn will depend on the work of others. Any decision you take will affect users and colleagues, and you should take those consequences into account when making decisions. Remember that we're a world-wide community, so you might not be communicating in someone else's primary language.
- **Be respectful**: Not all of us will agree all the time, but disagreement is no excuse for poor behavior and poor manners. We might all experience some frustration now and then, but we cannot allow that frustration to turn into a personal attack. It's important to remember that a community where people feel uncomfortable or threatened is not a productive one.
- **Be careful in the words that we choose**: We are a community of professionals, and we conduct ourselves professionally. Be kind to others. Do not insult or put down other participants. Harassment and other exclusionary behavior aren't acceptable. This includes, but is not limited to: Violent threats or language directed against another person, Discriminatory jokes and language, Posting sexually explicit or violent material, Posting (or threatening to post) other people's personally identifying information ("doxing"), Personal insults, especially those using racist or sexist terms, Unwelcome sexual attention, Advocating for, or encouraging, any of the above behavior, Repeated harassment of others. In general, if someone asks you to stop, then stop.

Repo يُفضل أن يحتوي على الملفات التالية أيضا (إذا كان مفتوح المصدر):

- README.md
- LICENSE.md رخصة مفتوحة
- CONTRIBUTING.md





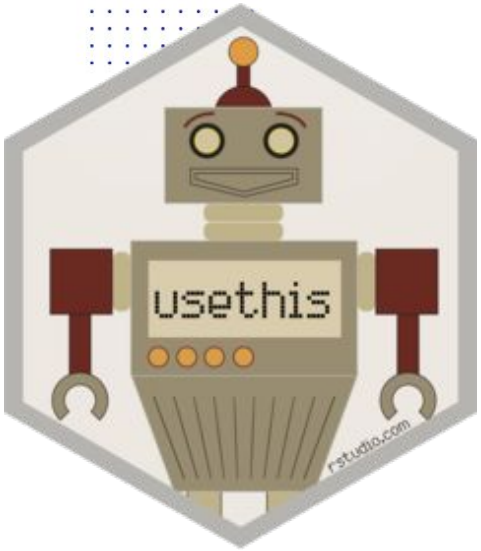
كيف أعرف username ماللي في جيت هوب لل RStudio

Console | Terminal | Jobs

R 4.2.0 · /cloud/project/

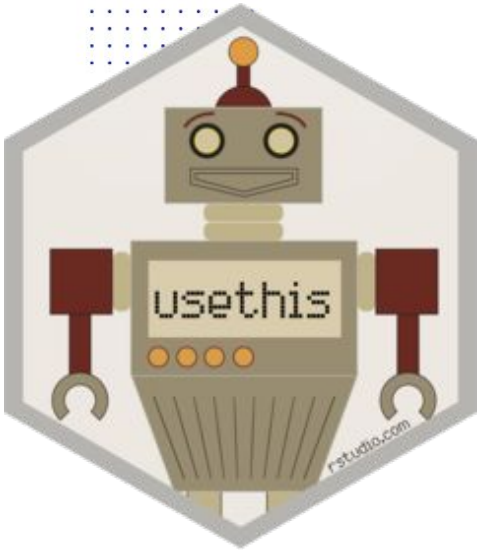
```
> usethis::use_git_config(user.name = "BatoolMM", user.email="batool@liverpool.ac.uk")
```

Package name



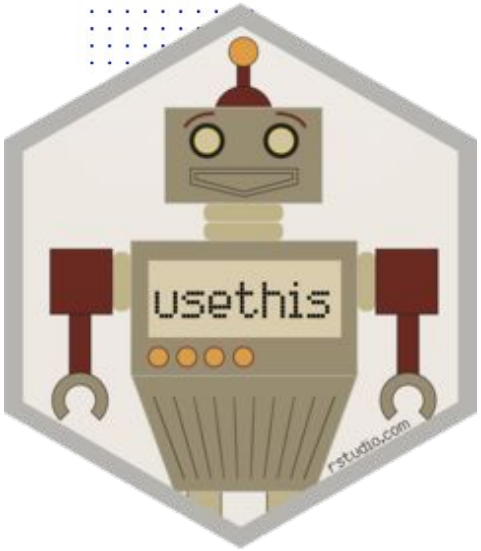

```
Console  Terminal ×  Jobs ×
R 4.2.0 · /cloud/project/
> usethis::use_git_config(user.name = "BatoolMM", user.email="batool@liverpool.ac.uk")
```

function



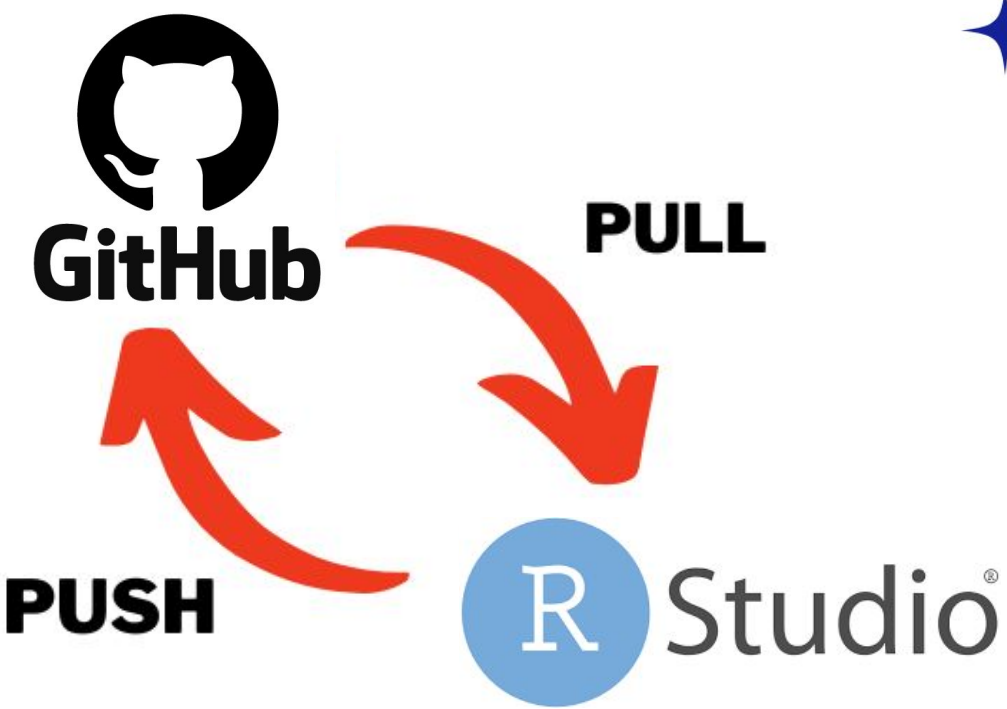

```
Console  Terminal ×  Jobs ×
R 4.2.0 · /cloud/project/
> usethis::use_git_config(user.name = "BatoolMM", user.email="batool@liverpool.ac.uk")
```

username

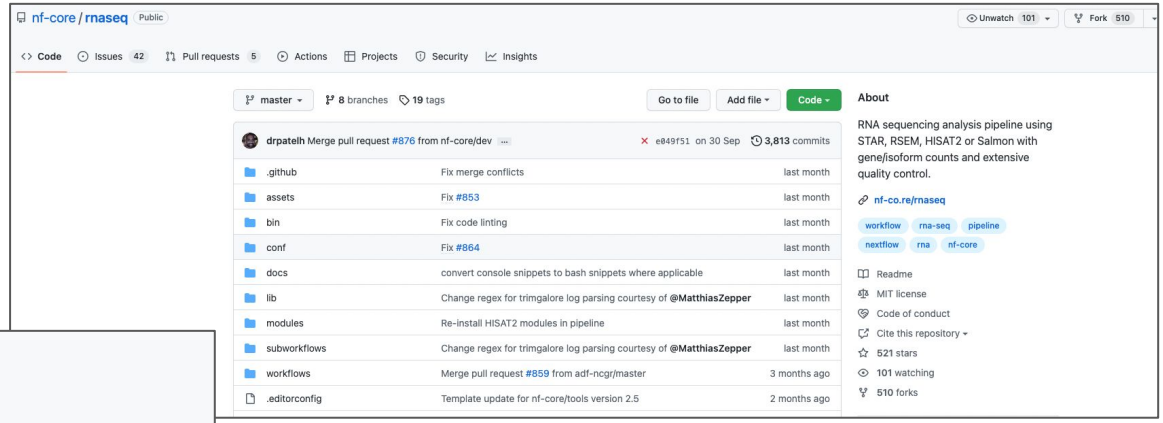


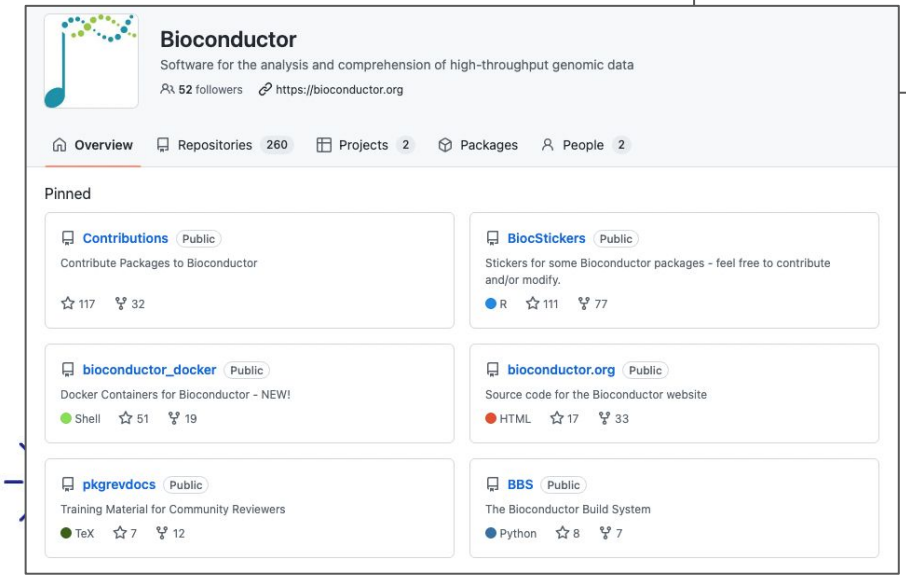

```
Console  Terminal ×  Jobs ×
R 4.2.0 · /cloud/project/
> usethis::use_git_config(user.name = "BatoolMM", user.email="batool@liverpool.ac.uk")
```

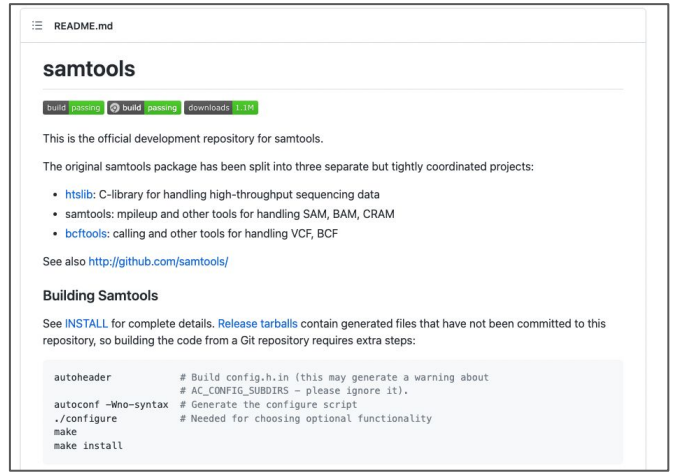
Email (GH)


GitHub
PULL
PUSH
R Studio

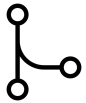
المشاركة في البرمجيات المفتوحة


nf-core / rnaseq
Public
Unwatch 101
Fork 510
Code
Issues 42
Pull requests 5
Actions
Projects
Security
Insights
master
8 branches
19 tags
Go to file
Add file
Code
About
RNA sequencing analysis pipeline using STAR, RSEM, HISAT2 or Salmon with gene/isoform counts and extensive quality control.
nf-co.re/rnaseq
workflow
rna-seq
pipeline
nextflow
rna
nf-core
Readme
MIT license
Code of conduct
Cite this repository
521 stars
101 watching
510 forks
drpatelh Merge pull request #876 from nf-core/dev
e849f51 on 30 Sep
3,813 commits
.github Fix merge conflicts last month
assets Fix #853 last month
bin Fix code linting last month
conf Fix #864 last month
docs convert console snippets to bash snippets where applicable last month
lib Change regex for trimgalore log parsing courtesy of @MatthiasZepper last month
modules Re-install HISAT2 modules in pipeline last month
subworkflows Change regex for trimgalore log parsing courtesy of @MatthiasZepper last month
workflows Merge pull request #859 from adf-ncgr/master 3 months ago
.editorconfig Template update for nf-core/tools version 2.5 2 months ago

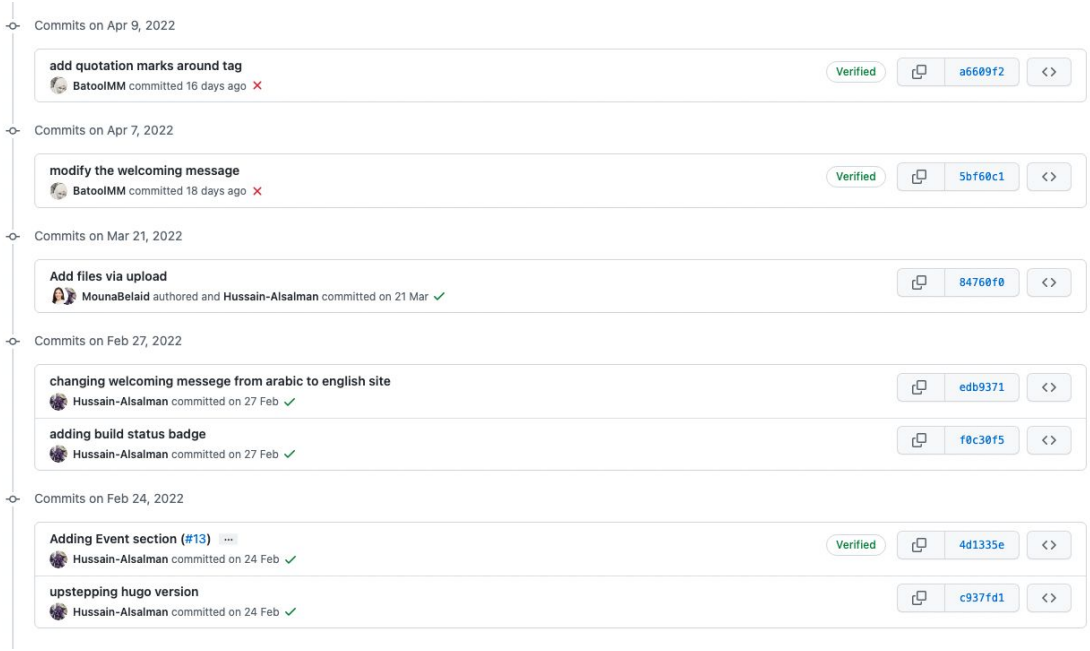

Bioconductor
Software for the analysis and comprehension of high-throughput genomic data
52 followers
https://bioconductor.org
Overview
Repositories 260
Projects 2
Packages
People 2
Pinned
Contributions Public
Contribute Packages to Bioconductor
117 32
BiocStickers Public
Stickers for some Bioconductor packages - feel free to contribute and/or modify.
R 111 77
bioconductor_docker Public
Docker Containers for Bioconductor - NEW!
Shell 51 19
bioconductor.org Public
Source code for the Bioconductor website
HTML 17 33
pkgrevdocs Public
Training Material for Community Reviewers
TeX 7 12
BBS Public
The Bioconductor Build System
Python 8 7


README.md
samtools
build passing
build passing
downloads 1.1M
This is the official development repository for samtools.
The original samtools package has been split into three separate but tightly coordinated projects:
htslib: C-library for handling high-throughput sequencing data
samtools: mpileup and other tools for handling SAM, BAM, CRAM
bcftools: calling and other tools for handling VCF, BCF
See also http://github.com/samtools/
Building Samtools
See INSTALL for complete details. Release tarballs contain generated files that have not been committed to this repository, so building the code from a Git repository requires extra steps:
autoheader # Build config.h.in (this may generate a warning about
AC_CONFIG_SUBDIRS - please ignore it).
autoconf -Wno-syntax # Generate the configure script
./configure # Needed for choosing optional functionality
make
make install

مفاهيم أساسية

- Commit
- Fork
- Pull request
- Merge 

Commit

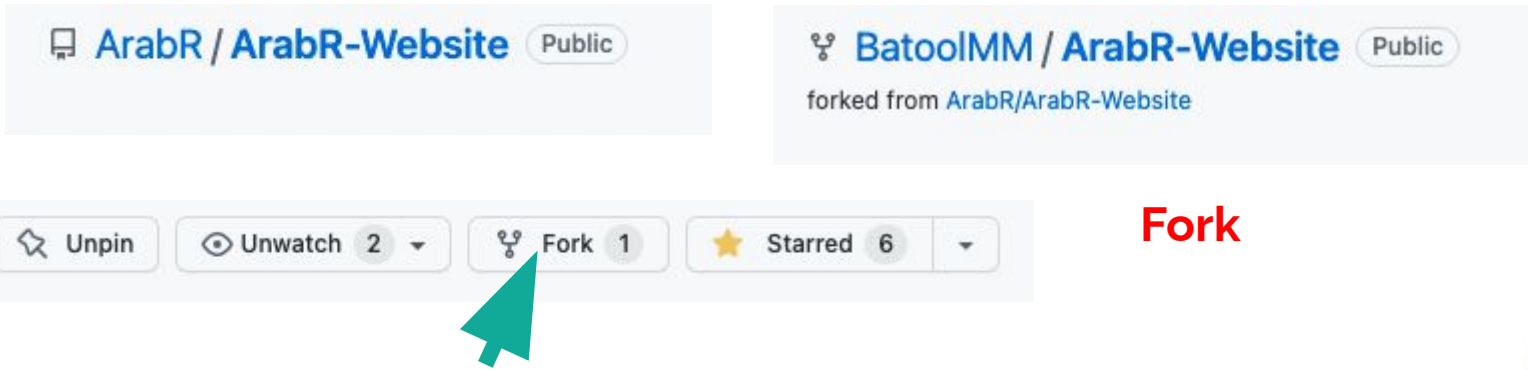

Commits on Apr 9, 2022
add quotation marks around tag
BatoolMM committed 16 days ago
Verified
a6609f2
Commits on Apr 7, 2022
modify the welcoming message
BatoolMM committed 18 days ago
Verified
5bf60c1
Commits on Mar 21, 2022
Add files via upload
MounaBelaid authored and Hussain-Alsalman committed on 21 Mar
84760f0
Commits on Feb 27, 2022
changing welcoming messege from arabic to english site
Hussain-Alsalman committed on 27 Feb
edb9371
adding build status badge
Hussain-Alsalman committed on 27 Feb
f0c30f5
Commits on Feb 24, 2022
Adding Event section (#13)
Hussain-Alsalman committed on 24 Feb
Verified
4d1335e
upstepping hugo version
Hussain-Alsalman committed on 24 Feb
c937fd1

Fork

- **Fork:** نسخة جديدة من الريبو تحت اسمي الخاص لكي أعدل عليها

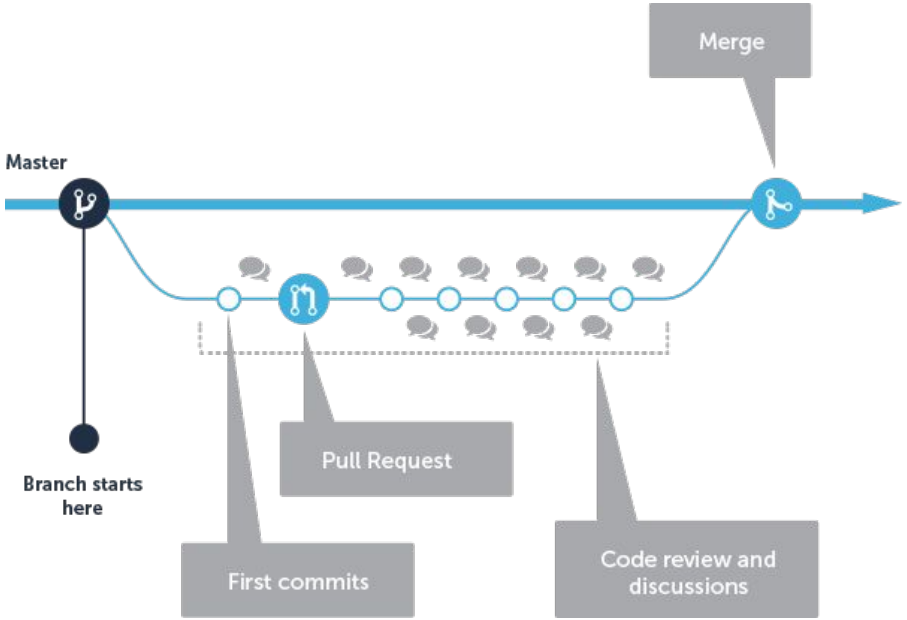
Branch & Fork

- **Fork:** نسخة جديدة من الريبو تحت اسمي الخاص لكي أعدل عليها

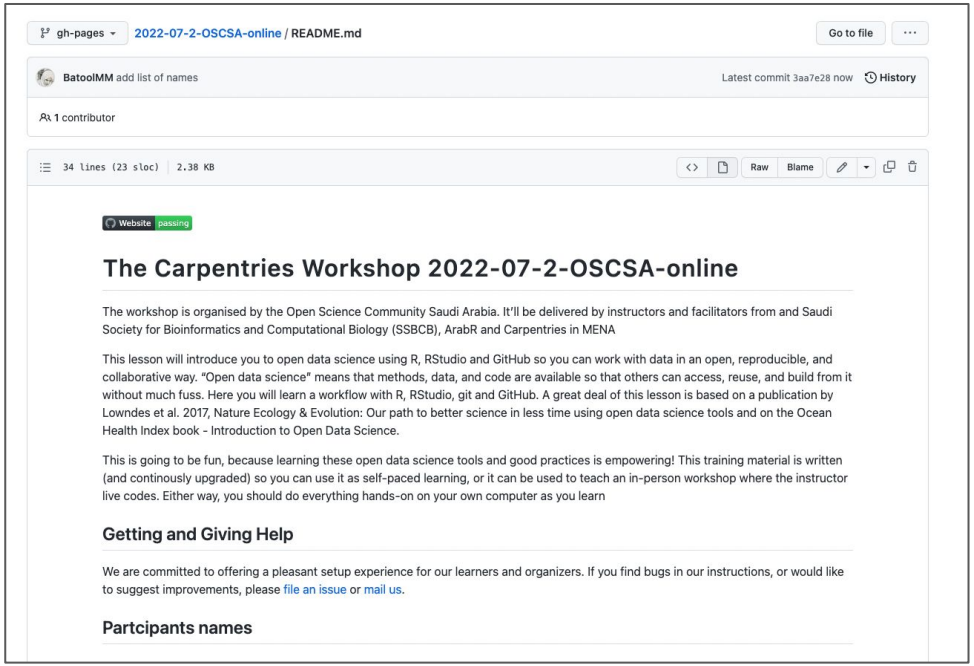


Pull Request (PR)

- **PR:** طلب أن يتم دمج الفورك بعد مراجعة التغييرات



دورك الآن


gh-pages
2022-07-2-OSCSA-online / README.md
Go to file
BatoolMM add list of names
Latest commit 3aa7e28 now
History
1 contributor
34 lines (23 sloc)
2.38 KB
Raw
Blame
Website passing
The Carpentries Workshop 2022-07-2-OSCSA-online
The workshop is organised by the Open Science Community Saudi Arabia. It'll be delivered by instructors and facilitators from and Saudi Society for Bioinformatics and Computational Biology (SSBCB), ArabR and Carpentries in MENA
This lesson will introduce you to open data science using R, RStudio and GitHub so you can work with data in an open, reproducible, and collaborative way. "Open data science" means that methods, data, and code are available so that others can access, reuse, and build from it without much fuss. Here you will learn a workflow with R, RStudio, git and GitHub. A great deal of this lesson is based on a publication by Lowndes et al. 2017, Nature Ecology & Evolution: Our path to better science in less time using open data science tools and on the Ocean Health Index book - Introduction to Open Data Science.
This is going to be fun, because learning these open data science tools and good practices is empowering! This training material is written (and continously upgraded) so you can use it as self-paced learning, or it can be used to teach an in-person workshop where the instructor live codes. Either way, you should do everything hands-on on your own computer as you learn
Getting and Giving Help
We are committed to offering a pleasant setup experience for our learners and organizers. If you find bugs in our instructions, or would like to suggest improvements, please file an issue or mail us.
Partcipants names

مبروووووووك

You now know:

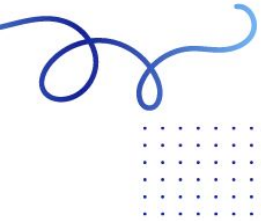
Commit

Fork

Pull request

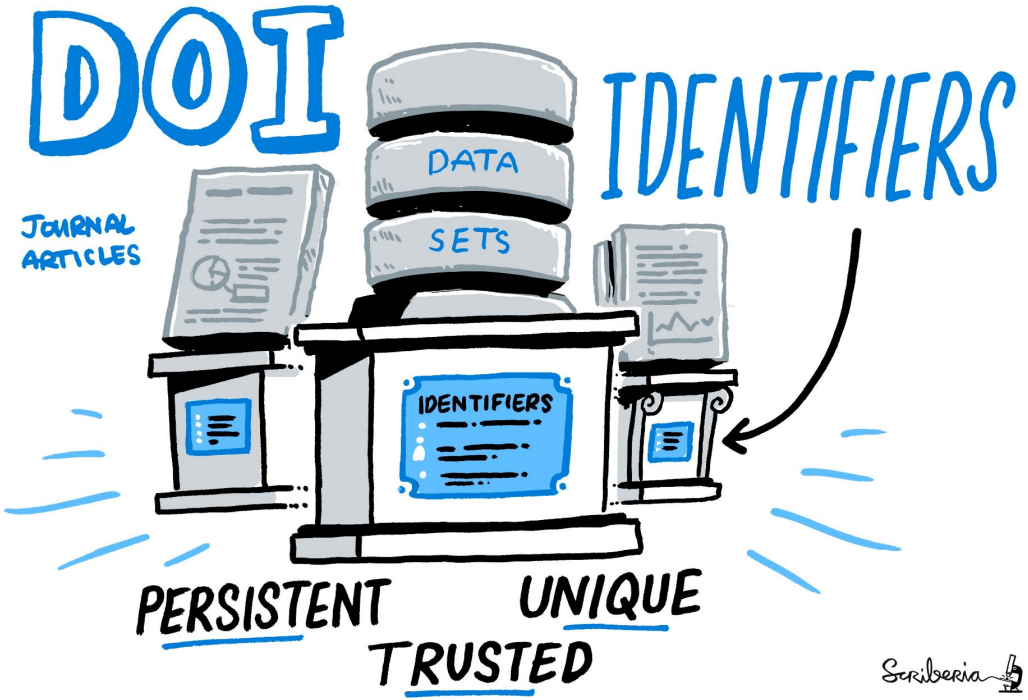
Merge

هناك الكثير من **ميزات في جيت** هوب والتي سوف تتعلمها بالتدريج

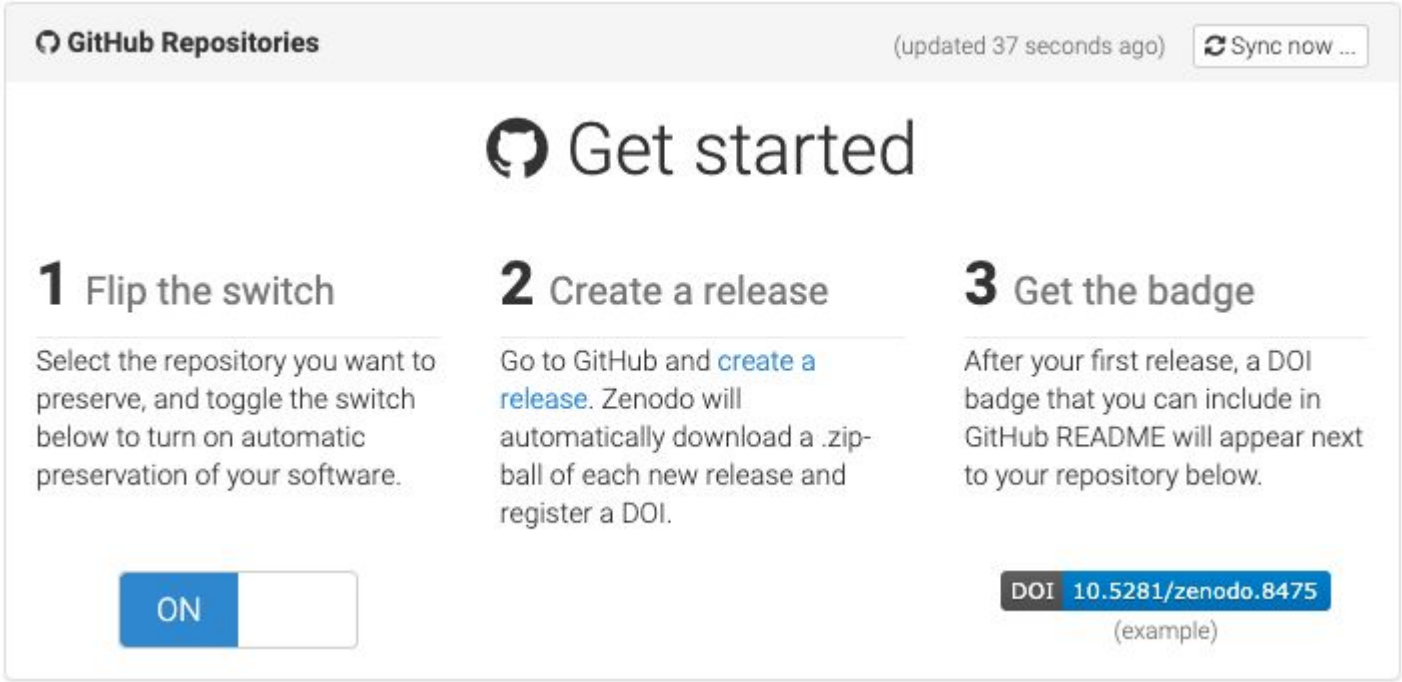


GitHub + zenodo

= Citable Code



The Turing Way project illustration by Scriberia. Used under a CC-BY 4.0 licence. DOI: 10.5281/zenodo.3332807


GitHub Repositories
(updated 37 seconds ago)
Sync now ...
Get started
1 Flip the switch
Select the repository you want to preserve, and toggle the switch below to turn on automatic preservation of your software.
ON
2 Create a release
Go to GitHub and create a release. Zenodo will automatically download a .zip-ball of each new release and register a DOI.
3 Get the badge
After your first release, a DOI badge that you can include in GitHub README will appear next to your repository below.
DOI 10.5281/zenodo.8475
(example)

Feedback