

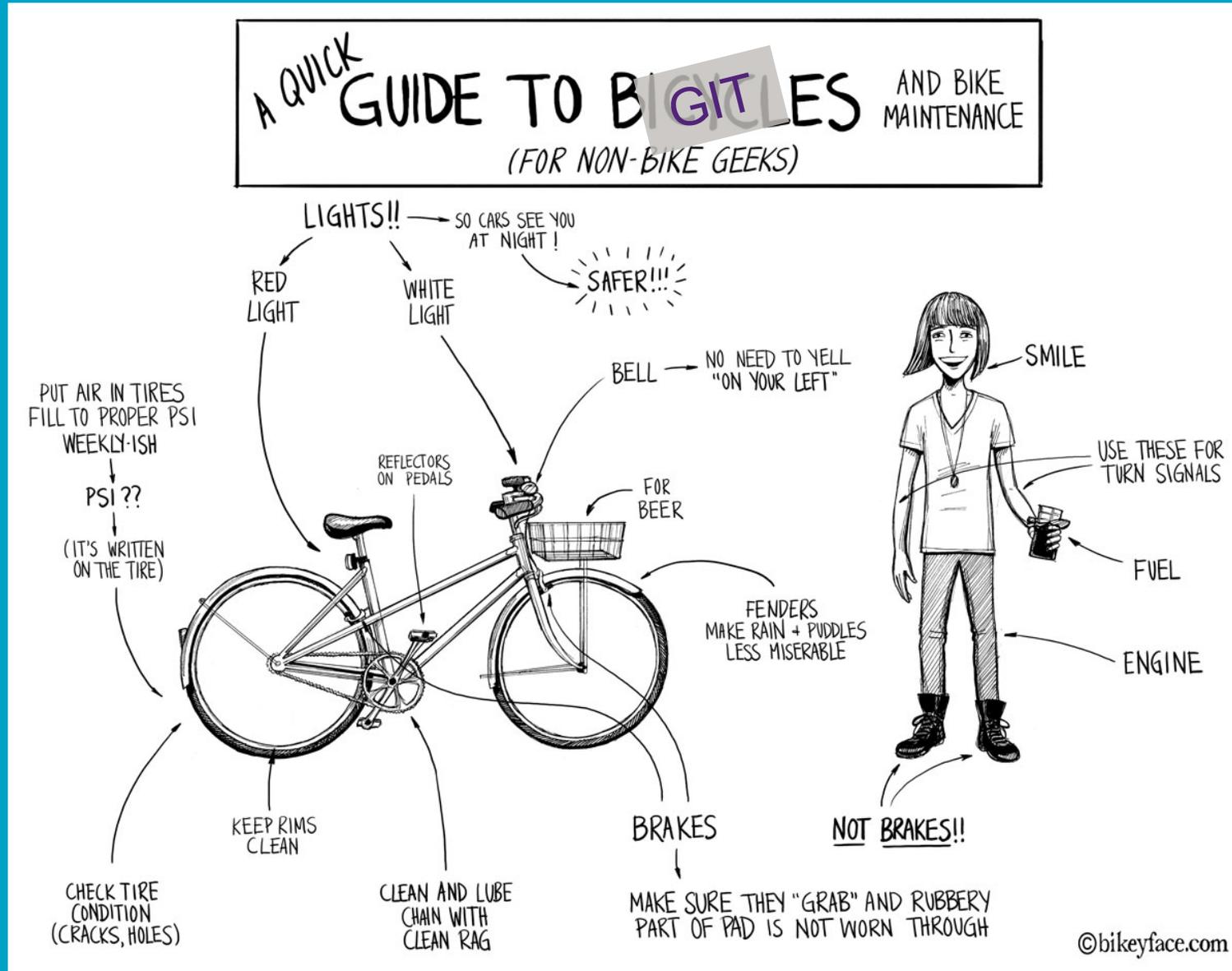
Introduction to git and github.com

A distributed version-control system for tracking changes in files

Foreword

Our teaching approach today (explained with bikes)

Most git tutorials you find online:



The git tutorial we are attempting:



Saskia



Steffen

© www.ClipProject.info

<https://clipground.com/images/clipart-of-a-little-girl-riding-a-bike-12.jpg>

[http://www.cartoonclipartfree.info/Cliparts_Free/Fu
ssball_Free/Clipart-Free-Gif-24.gif](http://www.cartoonclipartfree.info/Cliparts_Free/Fu
ssball_Free/Clipart-Free-Gif-24.gif)

Who are we:



Saskia

Centre for
Advanced Imaging



The University of
Queensland

@sbollmann_MRI
www.mri.sbollmann.net

Saskia.Bollmann@cai.uq.edu.au
Postdoctoral Research Fellow



Steffen

Steffen.Bollmann@cai.uq.edu.au
7T National Imaging Facility Fellow

TAs will help in the chat of this zoom meeting

+ Helpdesk channel: [help_desk-git_github](#)

+ Jitsi room: https://meet.jit.si/OHBM-brainhack_helpdesk-git-github

1) Using code from
github.com

2) Version Control
for your project

Use Cases

3) Adding someone
to your project

4) Contributing to
a project

1) Using code from
github.com

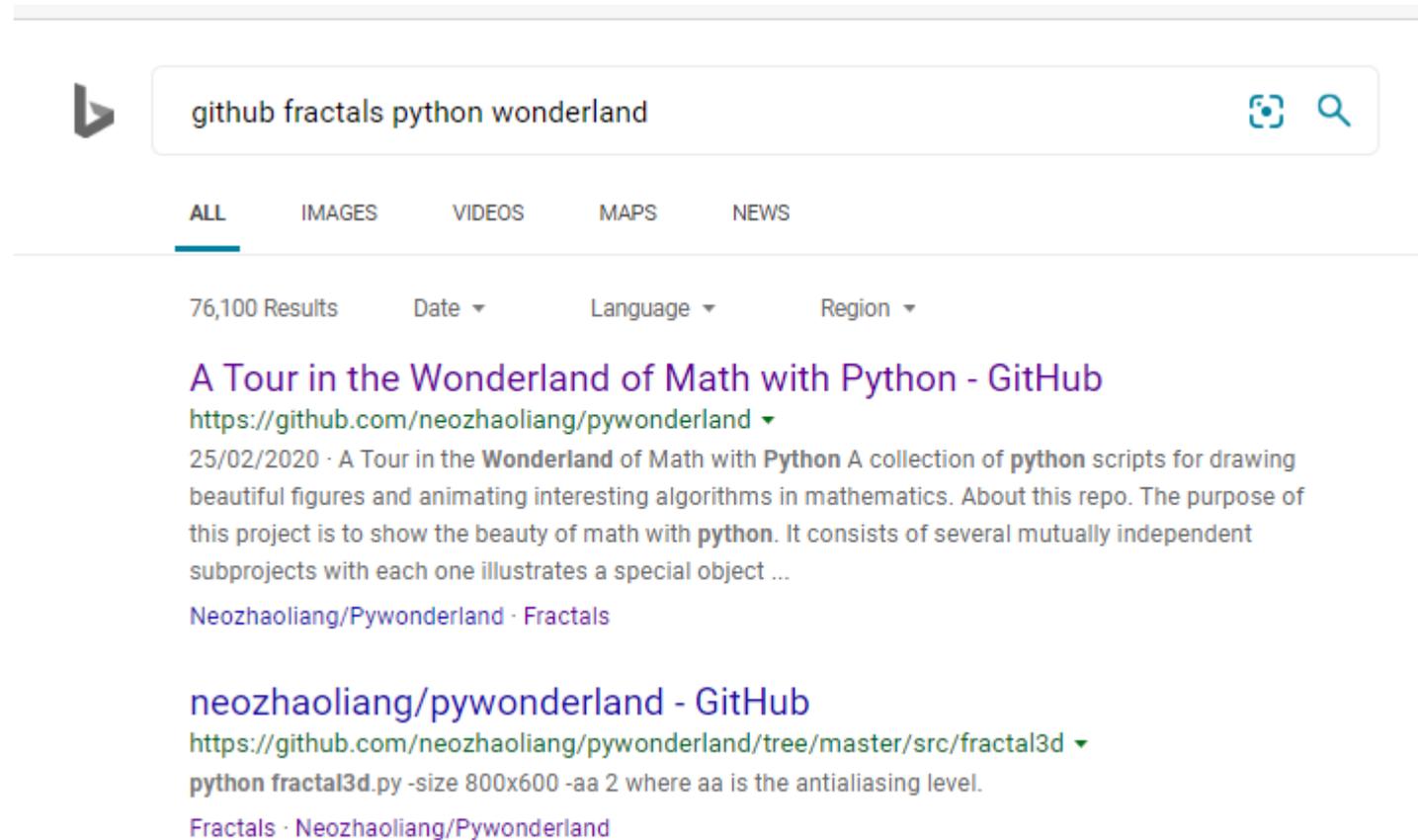
2) Version Control
for your project

Use Cases

3) Adding someone
to your project

4) Contributing to
a project

Example: Fractals in python



The screenshot shows a search interface with the query "github fractals python wonderland". Below the search bar, there are tabs for "ALL", "IMAGES", "VIDEOS", "MAPS", and "NEWS", with "ALL" selected. The search results show 76,100 results. The first result is titled "A Tour in the Wonderland of Math with Python - GitHub" and includes a link to the repository, a date of 25/02/2020, and a description of the project. The second result is titled "neozhaoliang/pywonderland - GitHub" and includes a link to a specific file in the repository.

github fractals python wonderland

ALL IMAGES VIDEOS MAPS NEWS

76,100 Results Date Language Region

A Tour in the Wonderland of Math with Python - GitHub
<https://github.com/neozhaoliang/pywonderland>
25/02/2020 · A Tour in the **Wonderland** of Math with **Python** A collection of **python** scripts for drawing beautiful figures and animating interesting algorithms in mathematics. About this repo. The purpose of this project is to show the beauty of math with **python**. It consists of several mutually independent subprojects with each one illustrates a special object ...
Neozhaoliang/Pywonderland · Fractals

neozhaoliang/pywonderland - GitHub
<https://github.com/neozhaoliang/pywonderland/tree/master/src/fractal3d>
python fractal3d.py -size 800x600 -aa 2 where aa is the antialiasing level.
Fractals · Neozhaoliang/Pywonderland



neozhaoliang / pywonderland

Watch 154 Star 3.8k Fork 335

Code Issues 0 Pull requests 0 Actions Security 0 Insights

A tour in the wonderland of math with python.

- fractals
- penrose-tilings
- polytopes
- hopf-fibration
- reaction-diffusion
- coxeter-groups
- hopcroft
- domino-shuffling-algorithm
- coupling-from-the-past
- uniform-spanning-tree
- todd-coxeter
- uniform-tilings
- hyperbolic-tilings
- hyperbolic-honeycombs

396 commits 1 branch 0 packages 0 releases 5 contributors MIT

Branch: master New pull request

Find file Clone or download

neozhaoliang	update galley image	✓ Latest commit 4437564 19 hours ago
src	add code for drawing vertices on coxeter planes	yesterday
.deepsources.toml	Add .deepsources.toml	6 months ago
.gitignore	add examples for hyperbolic honeycomb code	5 months ago
.travis.yml	remove python3.5 test in travis.yml	last month
120-cell.png	some minor changes	7 months ago
LICENSE	delete histry commits and upload new files	3 years ago
README.md	add upper half plane model	5 days ago
gallery.png	update galley image	19 hours ago
install_dependencies.sh	add upper half plane model	5 days ago
requirements.txt	add upper half plane model	5 days ago



neozhaoliang / pywonderland

Watch 154 Star 3.8k Fork 335

Code Issues 0 Pull requests 0 Actions Security 0 Insights

A tour in the wonderland of math with python.

- fractals penrose-tilings polytopes hopf-fibration reaction-diffusion coxeter-groups hopcroft domino-shuffling-algorithm coupling-from-the-past uniform-spanning-tree todd-coxeter uniform-tilings hyperbolic-tilings hyperbolic-honeycombs

396 commits 1 branch 0 packages 0 releases 5 contributors MIT

Branch: master New pull request

Find file Clone or download

neozhaoliang update galley image Latest commit 4437564 19 hours ago

Table with 3 columns: File Name, Commit Message, and Time Ago. Rows include src, .deepsources.toml, .gitignore, .travis.yml, 120-cell.png, LICENSE, README.md, gallery.png, install_dependencies.sh, and requirements.txt.



neozhaoliang / pywonderland

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Code Issues 0 Pull requests 0 Actions Security 0 Insights

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Branch: master New pull request

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neozhaoliang update galley image	Latest commit 4437564 19 hours ago
src	add code for drawing vertices on coxeter planes yesterday
.deepsources.toml	Add .deepsources.toml 6 months ago
.gitignore	add examples for hyperbolic honeycomb code 5 months ago
.travis.yml	remove python3.5 test in travis.yml last month
120-cell.png	some minor changes 7 months ago
LICENSE	delete histry commits and upload new files 3 years ago
README.md	add upper half plane model 5 days ago
gallery.png	update galley image 19 hours ago
install_dependencies.sh	add upper half plane model 5 days ago
requirements.txt	add upper half plane model 5 days ago



neozhaoliang / pywonderland

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Code Issues 0 Pull requests 0 Actions Security 0 Insights

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- hyperbolic-honeycombs

396 commits 1 branch 0 packages 0 releases 5 contributors MIT

Branch: master New pull request

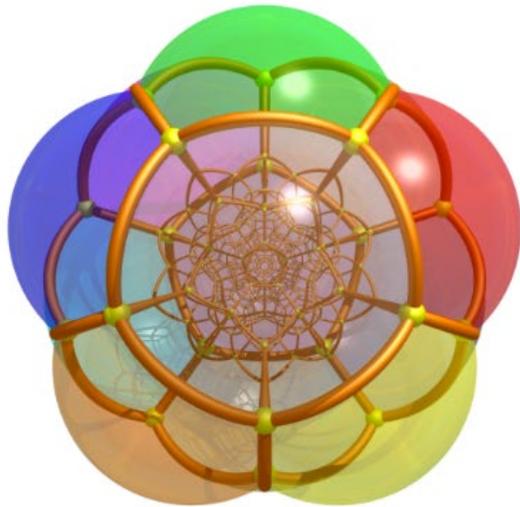
Find file Clone or download

neozhaoliang update galley image Latest commit 4437564 19 hours ago

src	add code for drawing vertices on coxeter planes	yesterday
.deepsources.toml	Add .deepsources.toml	6 months ago
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gallery.png	update galley image	19 hours ago
install_dependencies.sh	add upper half plane model	5 days ago
requirements.txt	add upper half plane model	5 days ago

pywonderland

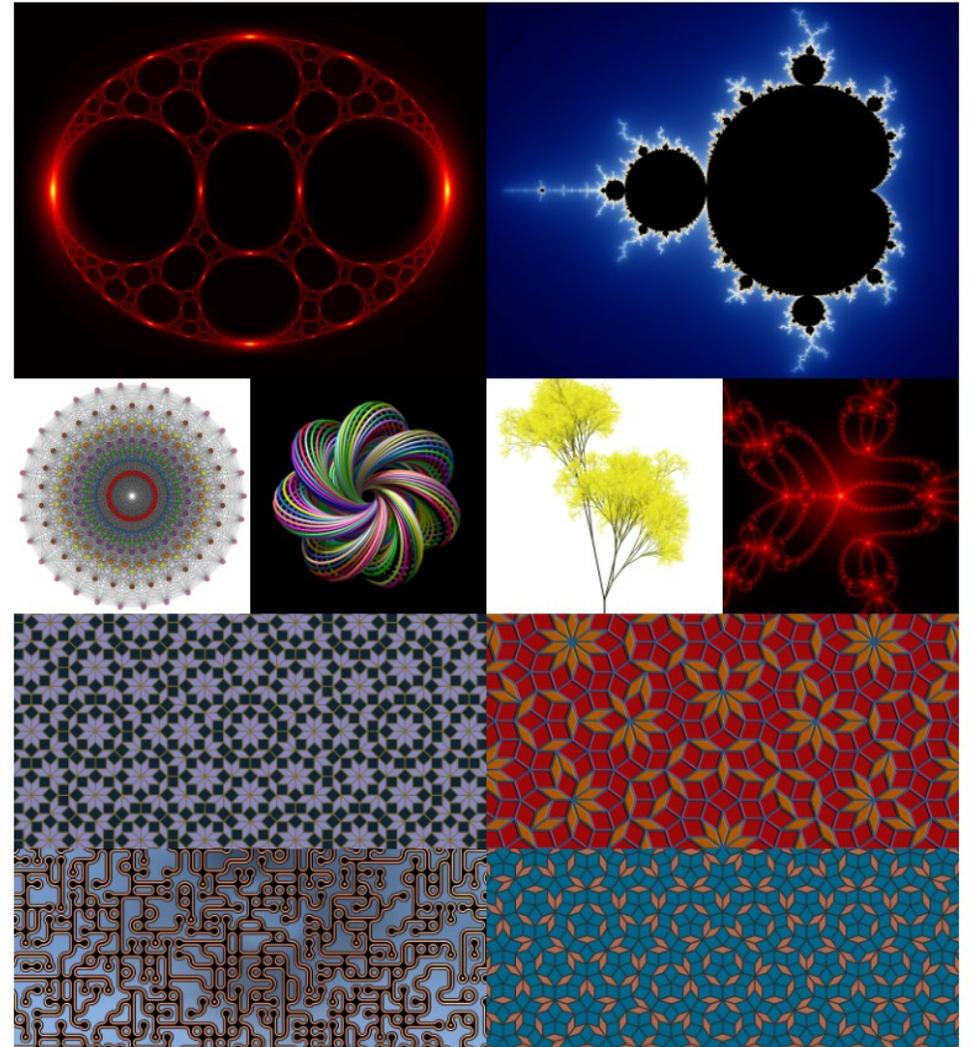
README.md



A Tour in the Wonderland of Math with Python

A collection of python scripts for drawing beautiful figures and animating interesting algorithms in mathematics.

build passing license MIT python 3.5 | 3.6



Intermezzo I

How to install git

(and create a nice development environment for Python)

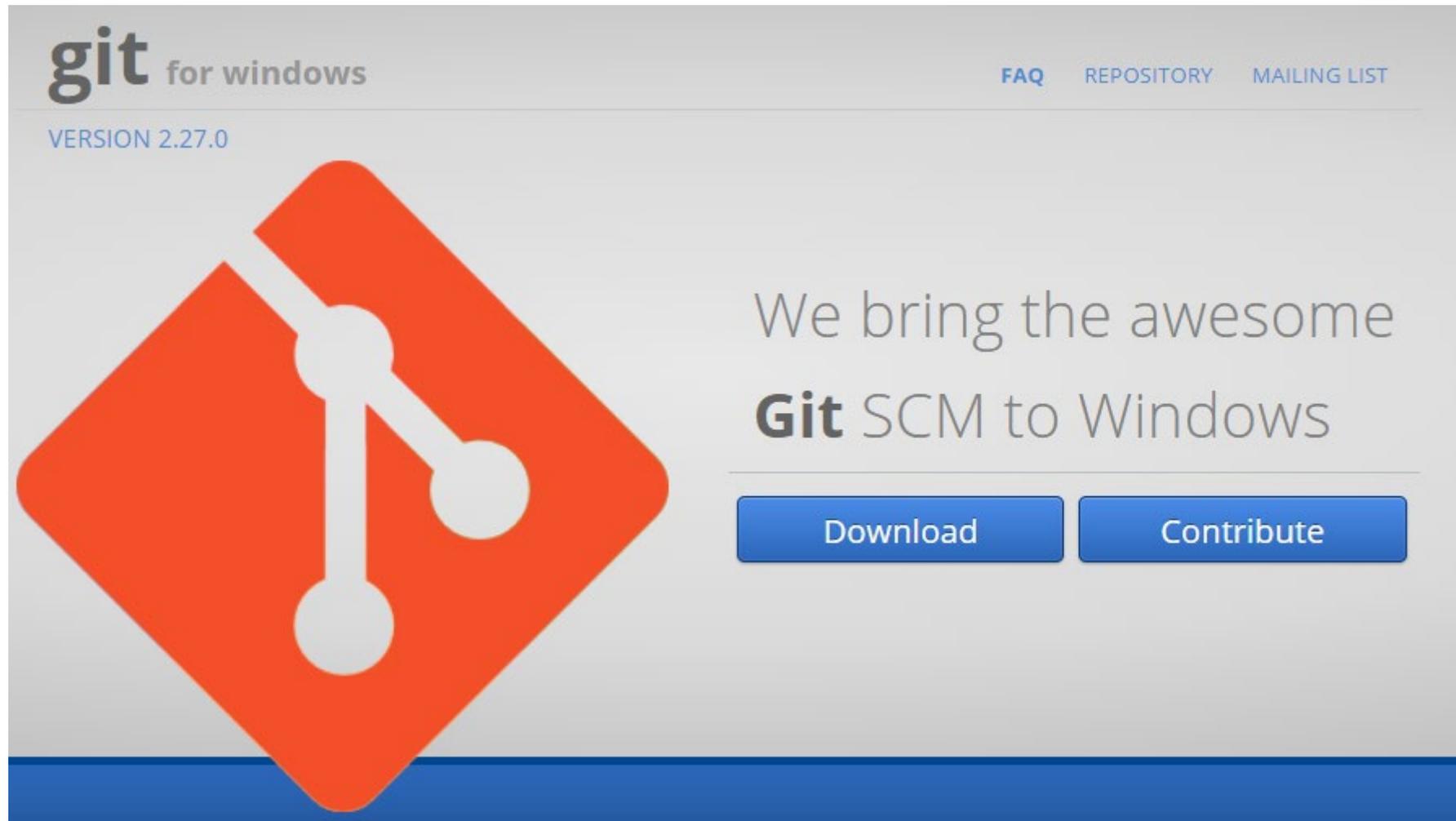
Ingredients for a Python IDE

- Integrated Development Environment: Visual Studio Code
- Python via miniconda
- Git



Note: Most IDEs (pycharm, matlab, RStudio) already have a git interface

Install git (e.g. from <https://gitforwindows.org/>)



Install miniconda

Miniconda

Miniconda is a free minimal installer for conda. It is a small, bootstrap version of Anaconda that includes only conda, Python, the packages they depend on, and a small number of other useful packages, including pip, zlib and a few others. Use the `conda install command` to install 720+ additional conda packages from the Anaconda repository.

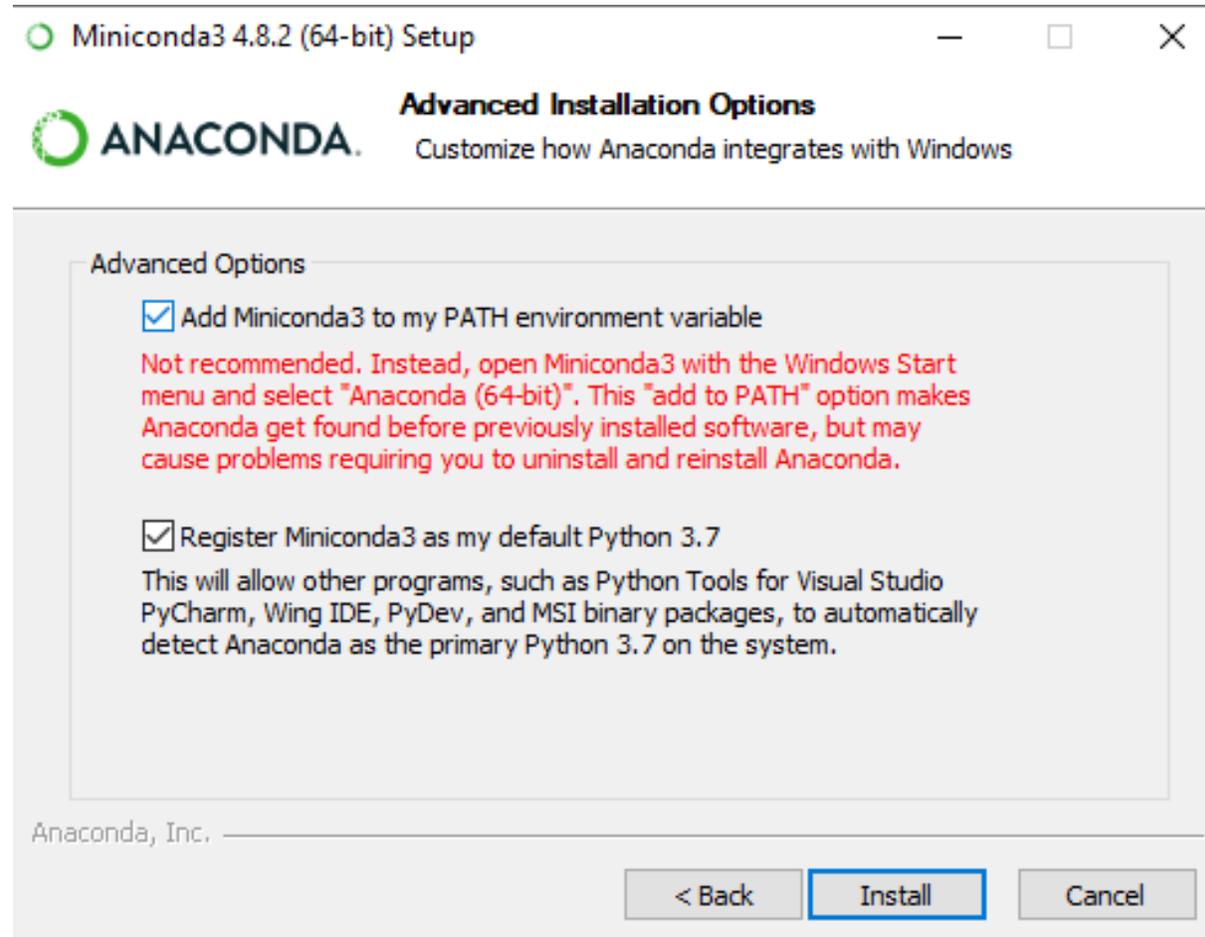
See if Miniconda is right for you.

Windows installers

Windows

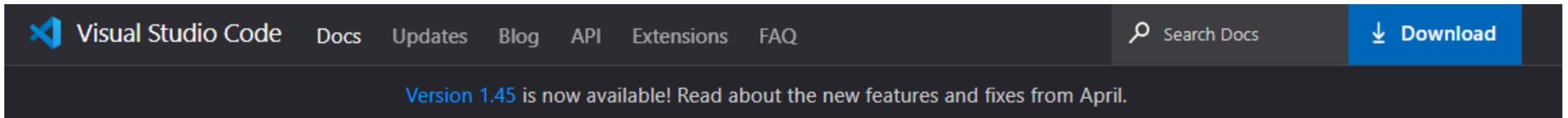
Python version	Name	Size	SHA256 hash
Python 3.7	Miniconda3 Windows 64-bit	51.6 MiB	<code>1701955cd637d1dad5a84958fd470649b79de973d1570541eb52857664b5056c</code>
	Miniconda3 Windows 32-bit	52.2 MiB	<code>ca74cb6eb0731db2b972c0fb512e29661a84c3f01ac6133121b4372eb1c41f46</code>
Python 2.7	Miniconda2 Windows 64-bit	50.9 MiB	<code>8647c54058f11842c37854edeff4d20bc1fbdad8b88d9d34d76fda1630e64846</code>
	Miniconda2 Windows 32-bit	48.7 MiB	<code>0d106228d6a4610b599df965dd6d9bb659329a17e3d693e3274b20291a7c6f94</code>

Add to system path



Install Visual Studio Code (portable version if no admin privileges)

<https://code.visualstudio.com/docs/editor/portable>



Visual Studio Code Docs Updates Blog API Extensions FAQ Search Docs Download

Version 1.45 is now available! Read about the new features and fixes from April.

Overview

SETUP

GET STARTED

USER GUIDE

Basic Editing

Extension Marketplace

IntelliSense

Code Navigation

Refactoring

Debugging

Version Control

Working with GitHub

Integrated Terminal

Portable Mode

Edit

Visual Studio Code supports [Portable mode](#). This mode enables all data created and maintained by VS Code to live near itself, so it can be moved around across environments.

This mode also provides a way to set the installation folder location for VS Code extensions, useful for corporate environments that prevent extensions from being installed in the Windows AppData folder.

Portable mode is supported on the ZIP download for Windows, and the TAR.GZ download for Linux, as well as the regular Application download for macOS. See the [Download page](#) to find the correct `.zip` / `.tar.gz` file for your platform.

Note: Do not attempt to configure portable mode on an installation from the **Windows User or System installers**. Portable mode is only supported on the Windows ZIP (`.zip`) archive. Note as well that the Windows ZIP archive does not support auto update.

IN THIS ARTICLE

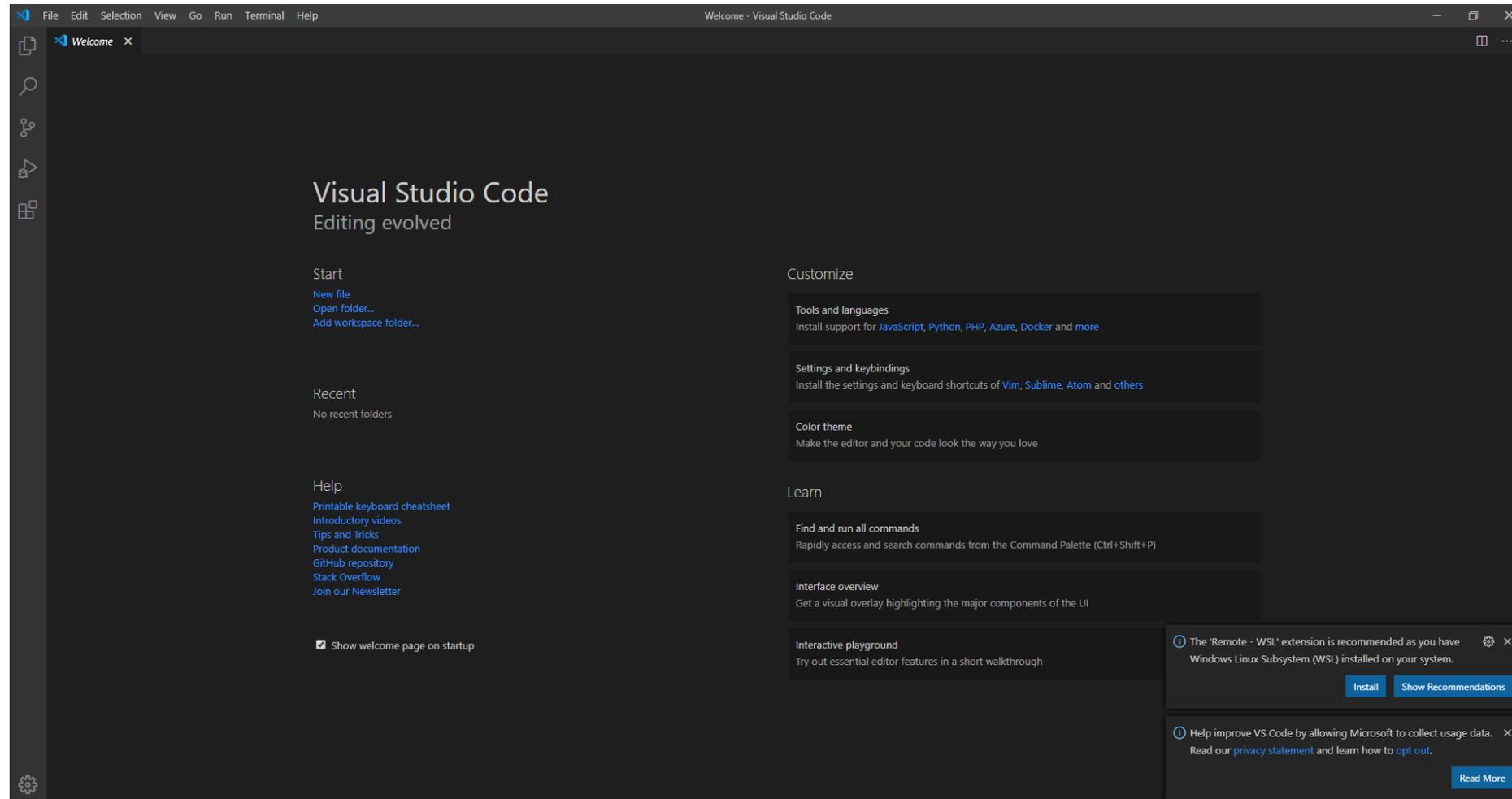
Enable Portable mode

Update Portable VS Code

Migrate to Portable mode

TMP directory

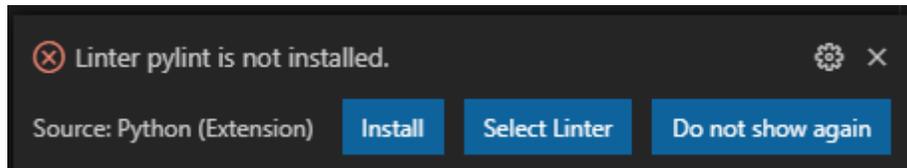
Open Visual Studio Code



Enable Python Connection

The screenshot shows the Visual Studio Code welcome page. On the left, there are sections for 'Start' (New file, Open folder..., Add workspace folder...), 'Recent' (No recent folders), and 'Help' (Printable keyboard cheatsheet, Introductory videos, Tips and Tricks, Product documentation, GitHub repository, Stack Overflow, Join our Newsletter). A checkbox 'Show welcome page on startup' is checked. On the right, the 'Customize' section is active, showing options for 'Tools and languages' (JavaScript, Python, PHP, Azure, Docker), 'Settings and keybindings' (Vim, Sublime, Atom), and 'Color theme'. Below this is the 'Learn' section with links for 'Find and run all commands', 'Interface overview', and 'Interactive playground'. A notification box at the bottom right states: 'The window will reload after installing additional support for Python.' with 'OK' and 'Details' buttons.

Add libraries



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

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\uqsboll2\projects\fractal> conda activate base
PS C:\Users\uqsboll2\projects\fractal> & conda install --name base pylint -y
Collecting package metadata (current_repodata.json): done
Solving environment: done

## Package Plan ##

  environment location: C:\Users\uqsboll2\Miniconda3

added / updated specs:
- pylint
```

Add more libraries

```
PS C:\Users\uqsboll2\projects\fractal> python -m fractal julia -0.644 --size=300x200 --depth=25 --zoom=0.6 --show
Traceback (most recent call last):
  File "C:\Users\uqsboll2\Miniconda3\lib\runpy.py", line 193, in _run_module_as_main
    "__main__", mod_spec)
  File "C:\Users\uqsboll2\Miniconda3\lib\runpy.py", line 85, in _run_code
    exec(code, run_globals)
  File "C:\Users\uqsboll2\projects\fractal\fractal.py", line 11, in <module>
    import pylab, argparse, collections, inspect, functools
ModuleNotFoundError: No module named 'pylab'
PS C:\Users\uqsboll2\projects\fractal> conda install pylab
```

Run program

Missing package

Try to get it (failed)

After some googling: pylab is part of matplotlib

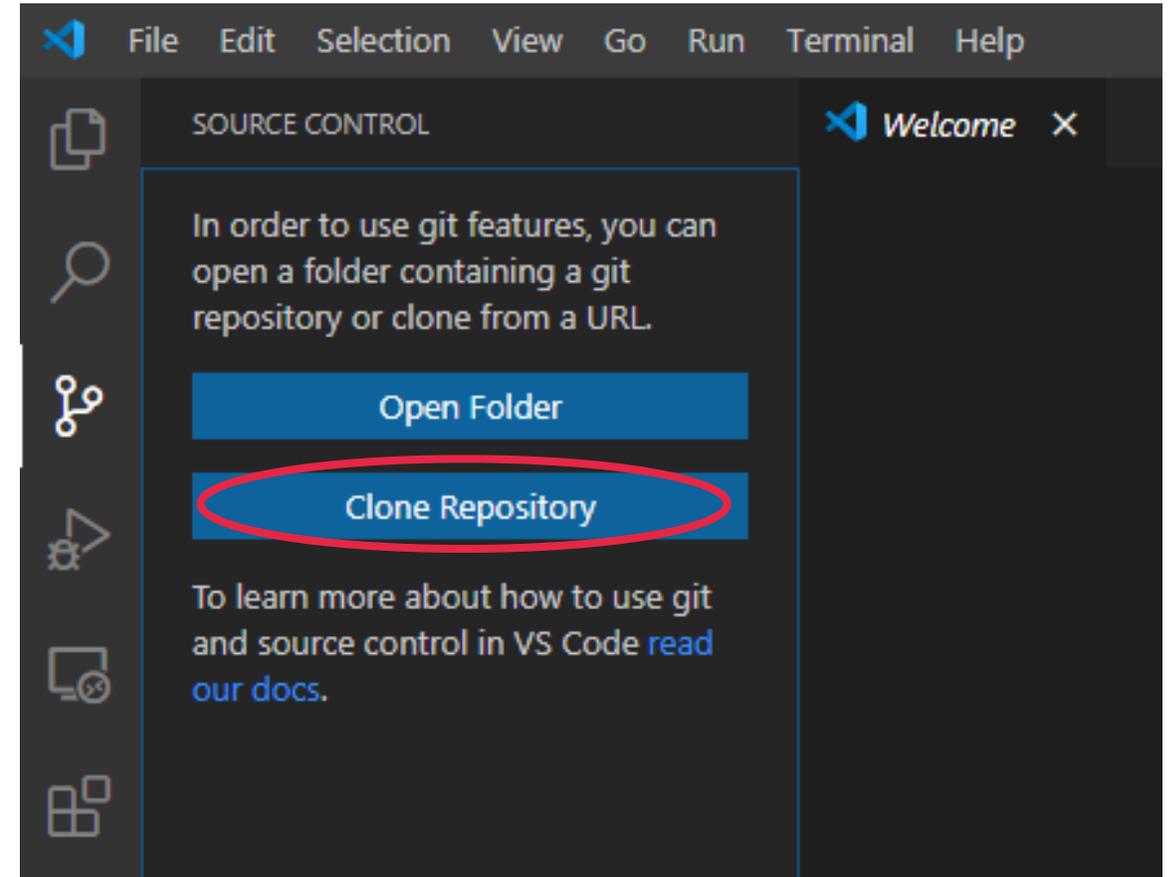
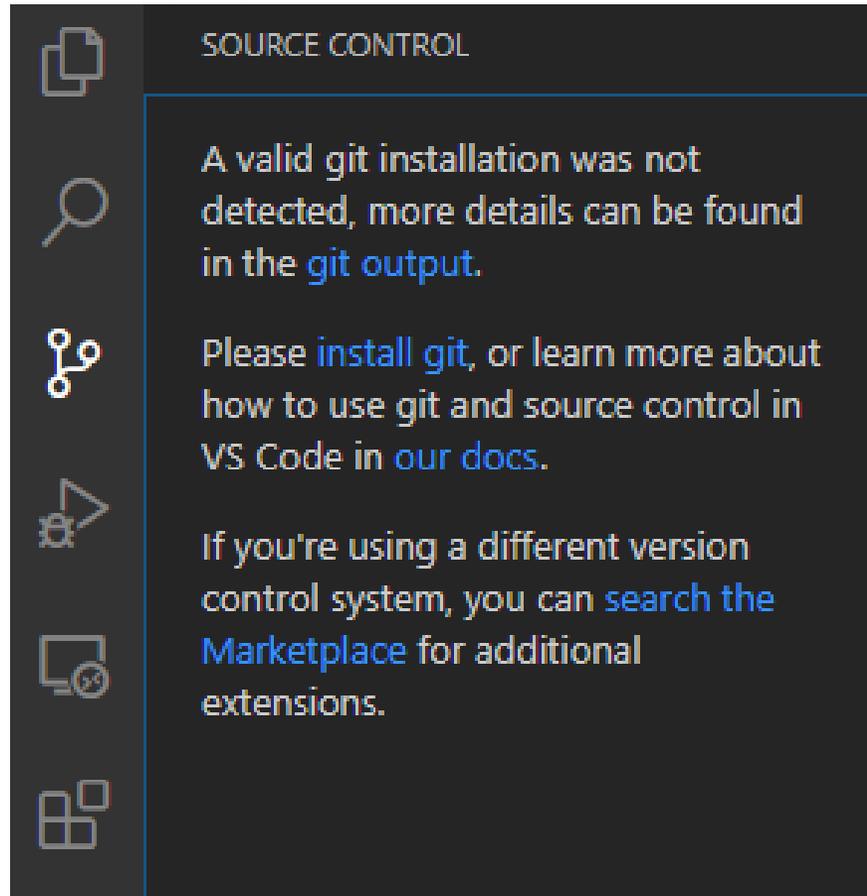
```
PS C:\Users\uqsboll2\projects\fractal> conda install matplotlib
Collecting package metadata (current_repodata.json): done
Solving environment: done

## Package Plan ##

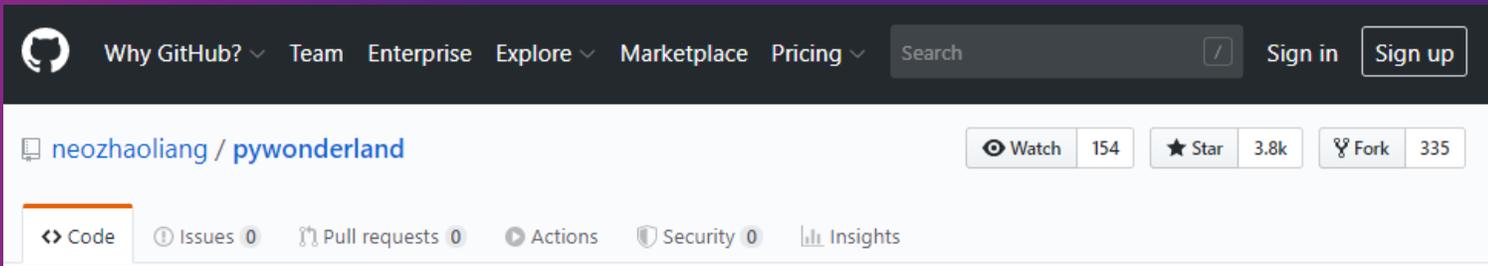
environment location: C:\Users\uqsboll2\Miniconda3
```

Install matplotlib via conda

Using git in Visual Studio Code

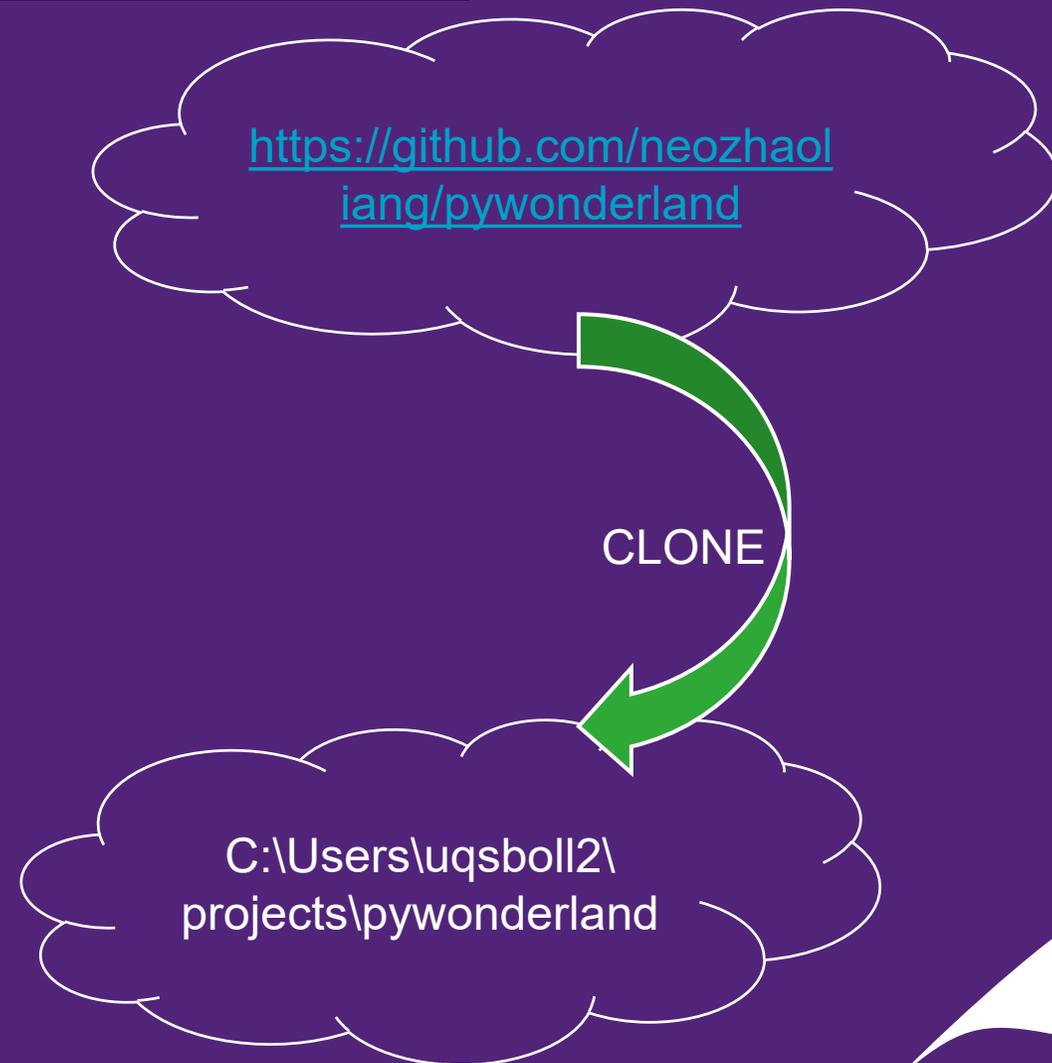


Visual Studio Code will tell you if you forgot to install git

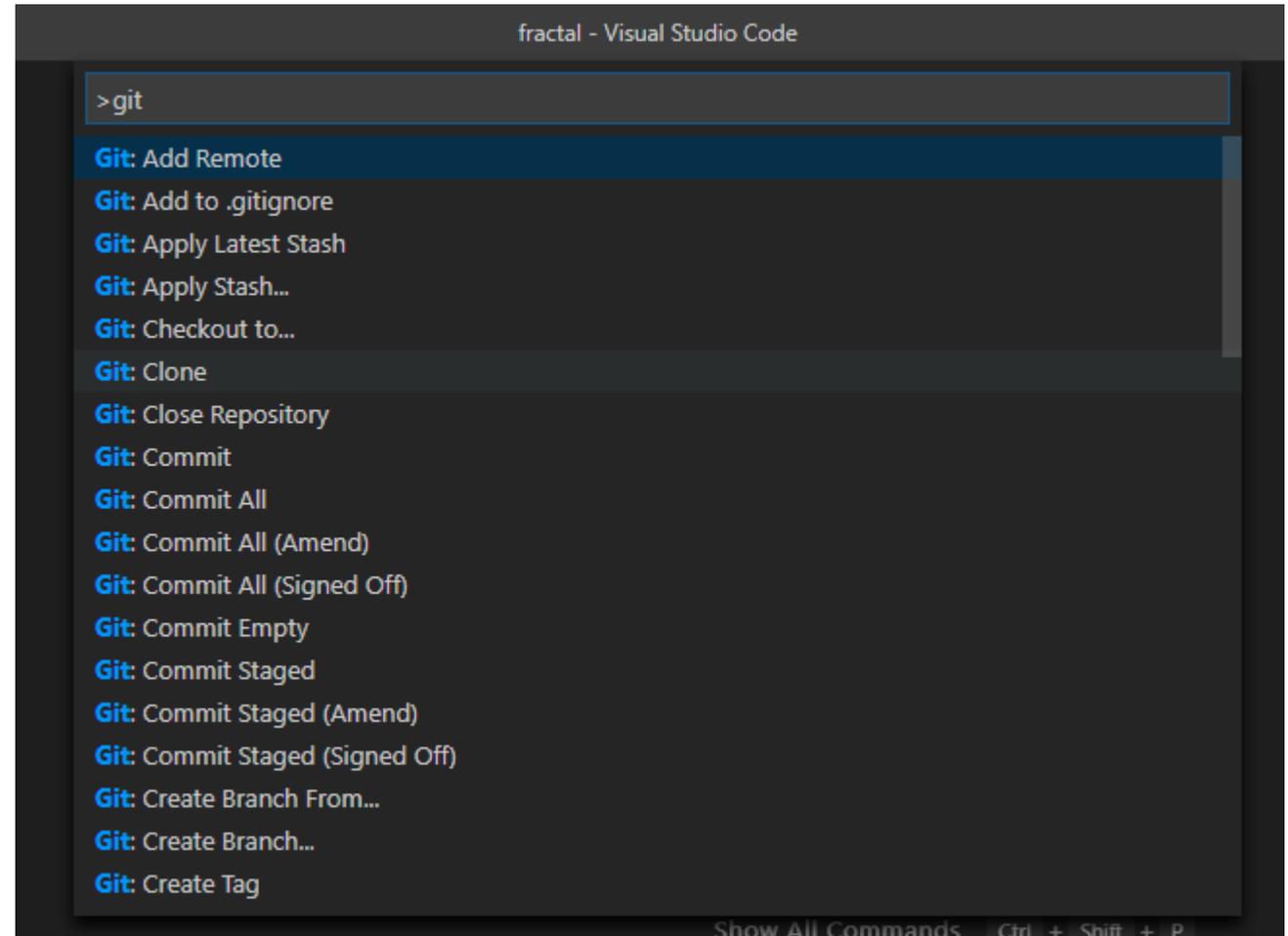
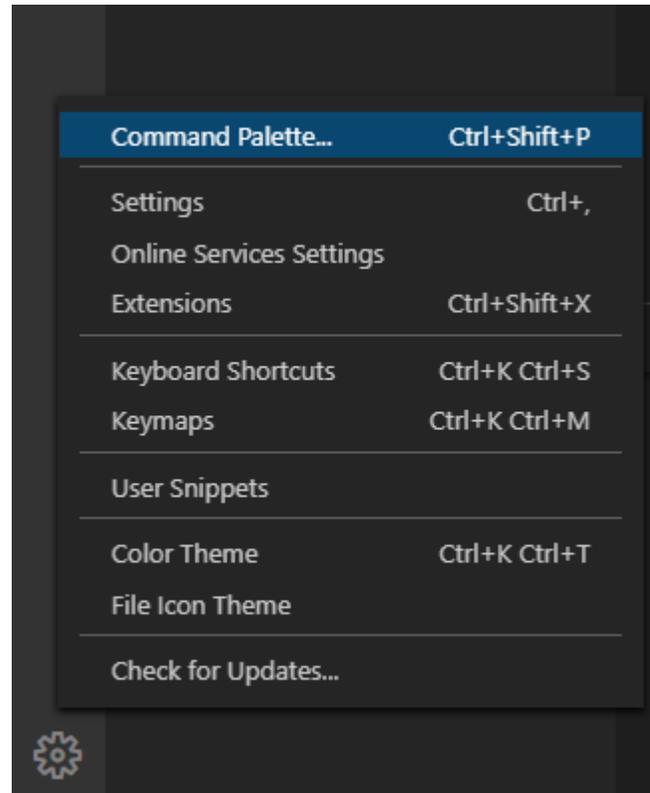


Clone Repository

make a copy of a repository from a central server to your own computer (for the first time)



Git Clone via command palette



Repository URL

The screenshot shows the Visual Studio Code interface with a GitHub repository page for 'pywonder' loaded. The repository statistics are: 396 commits, 1 branch, 0 packages, 0 releases, 5 contributors, and MIT license. The 'Clone or download' button is highlighted with a green box. A tooltip is open over this button, showing the HTTPS URL: `https://github.com/neozaoliang/pywonder`. A purple arrow points to the copy icon next to the URL with the label 'Klick'. Below the tooltip are buttons for 'Open in Desktop' and 'Download ZIP'.

A tour in the wonderland of math with python.

fractals penrose-tilings polytopes hopf-fibration reaction-diffusion coxeter-groups hopcroft domino-shuffling-algorithm

coupling-from-the-past uniform-spanning-tree todd-coxeter uniform-tilings hyperbolic-tilings hyperbolic-honeycombs

396 commits 1 branch 0 packages 0 releases 5 contributors MIT

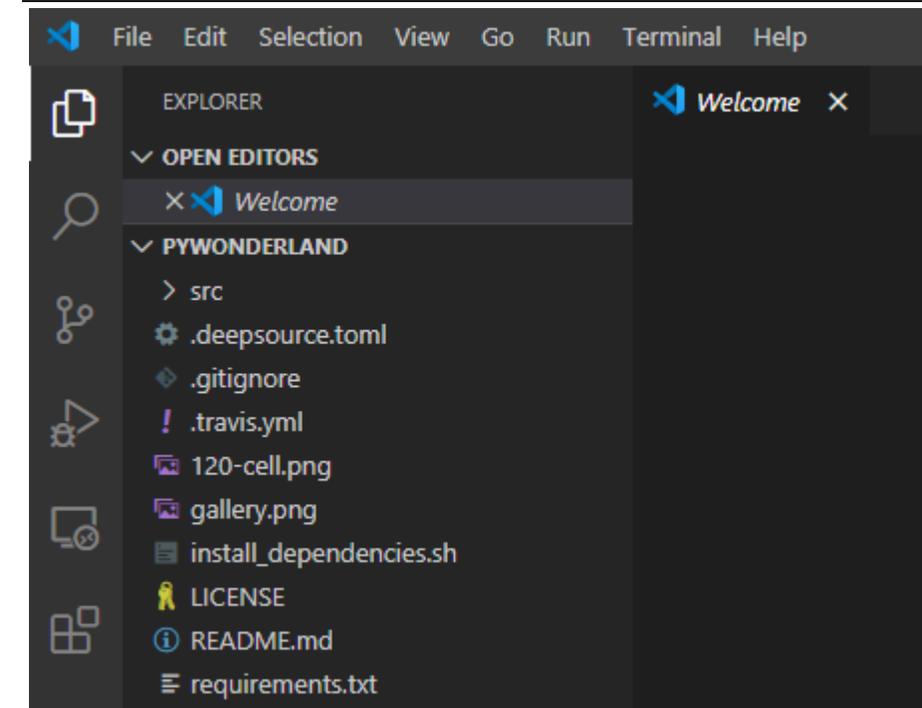
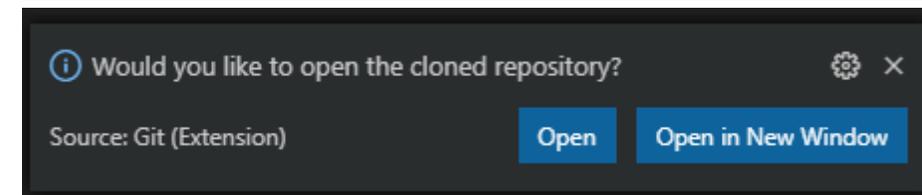
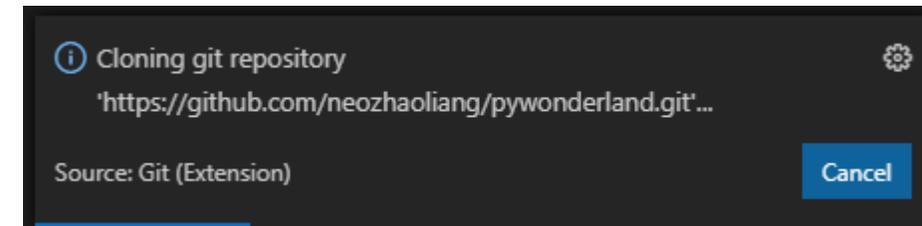
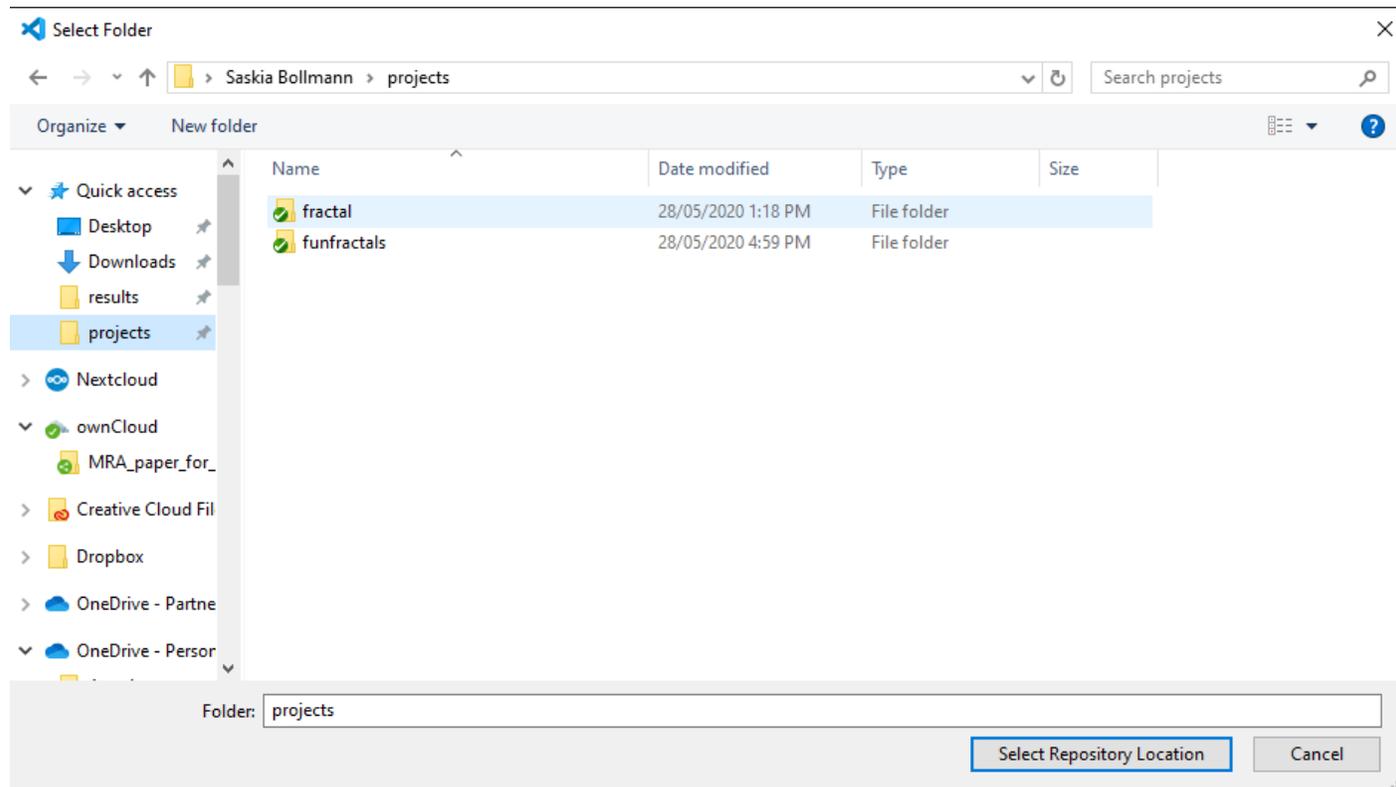
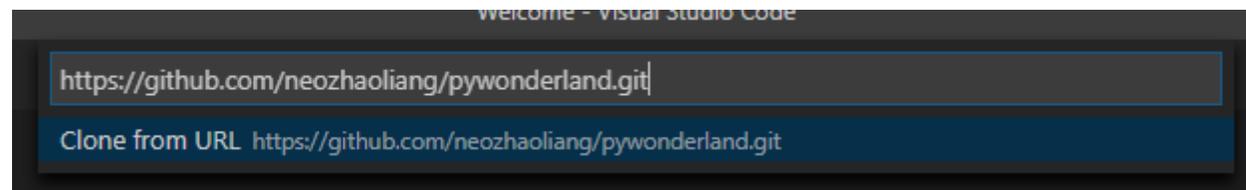
Branch: master New pull request Find file Clone or download

neozaoliang update galley image

src	add code for drawing vertices on coxeter planes
.deepsources.toml	Add .deepsources.toml
.gitignore	add examples for hyperbolic honeycomb code
.travis.yml	remove python3.5 test in travis.yml

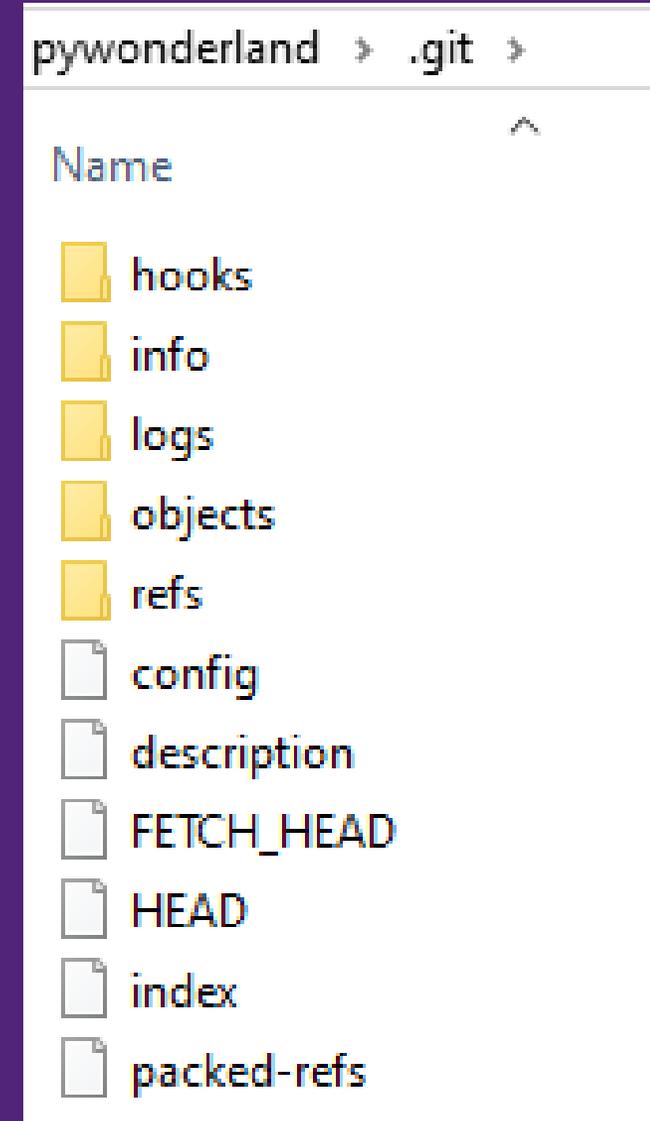
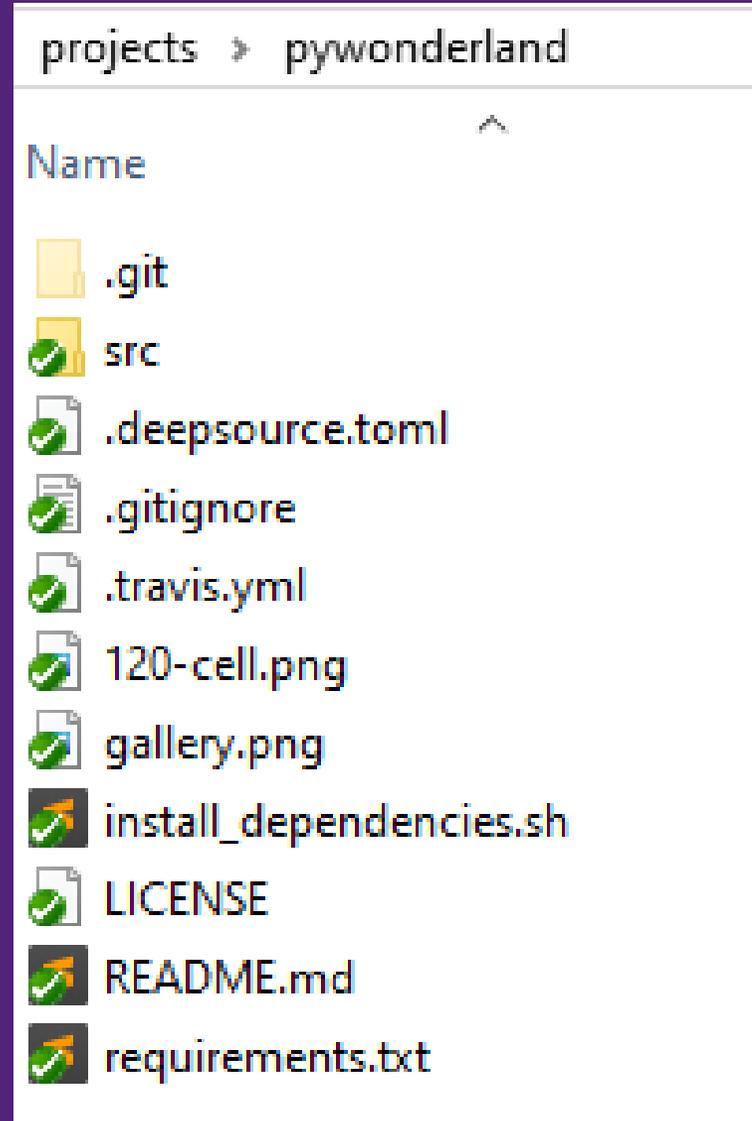
Open in Desktop Download ZIP

last month



Repository

Virtual storage of
project files
including history



Repository

Virtual storage of
project files
including history

```
uqsbo112@CAI-BINNARI MINGW64 ~/projects/pywonderland (master)
$ git log
commit 4437564e13ee01aa2bb31ae8220680ad2e35c239 (HEAD -> master, origin/master,
origin/HEAD)
Author: neozhaoliang <mathzhaoliang@gmail.com>
Date:   Wed May 27 23:55:18 2020 +0800

    update galley image

commit 0a06afc49d096400b39adb171fd49babd14aaf0c
Author: neozhaoliang <mathzhaoliang@gmail.com>
Date:   Wed May 27 10:59:39 2020 +0800

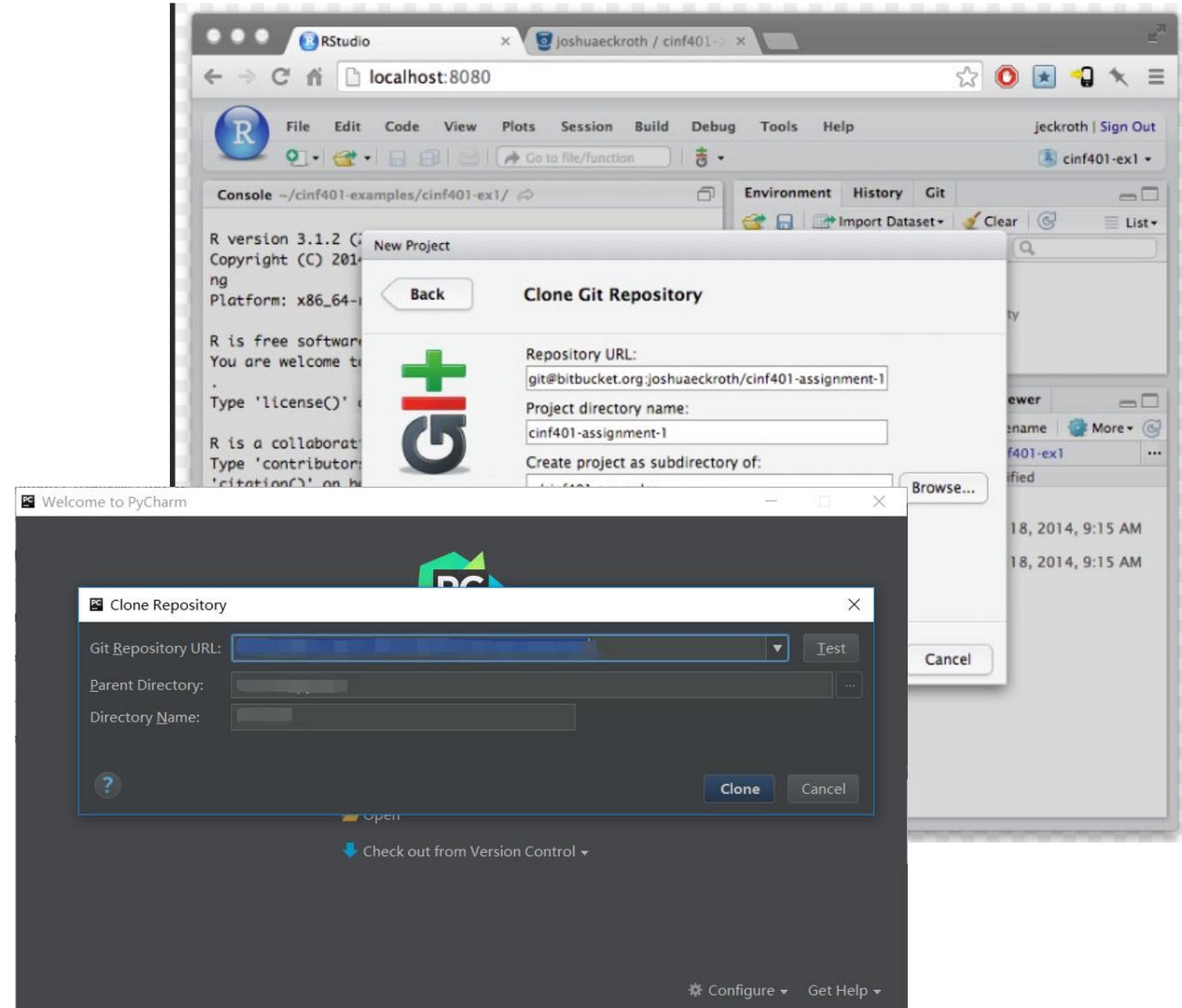
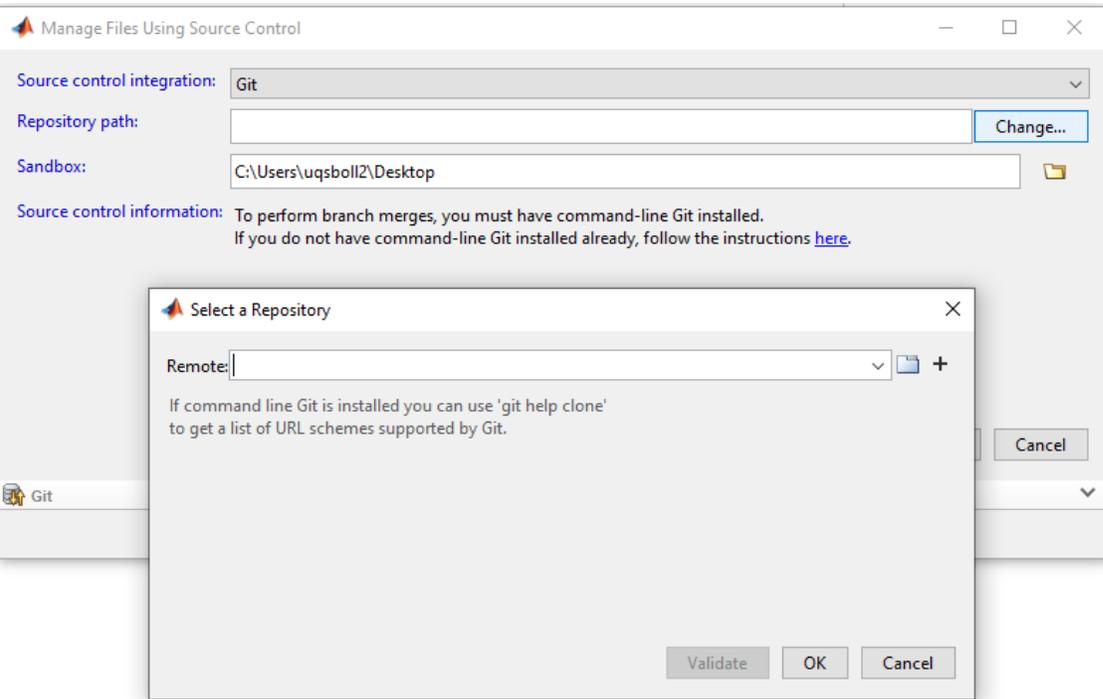
    add code for drawing vertices on coxeter planes

commit db78eb1c525e0680d700cfb67370fc48278accac
Author: neozhaoliang <mathzhaoliang@gmail.com>
Date:   Tue May 26 14:08:42 2020 +0800

    more comments and clean the code

commit a649c6becfcae115895d790a8f1618027868a45e
Author: neozhaoliang <mathzhaoliang@gmail.com>
```

Git in other IDEs



396 commits

1 branch

0 packages

0 releases

5 contributors

MIT



Branch: master

New pull request

Find file

Clone or download

neozhaoliang update galley image

Latest commit 4437564 18 hours ago

src add code for drawing vertices on coxeter planes yesterday

.deepsource.toml Add .deepsource.toml 6 months ago

.gitignore add examples for hyperbolic honeycomb code 5 months ago

.travis.yml remove python3.5 test in travis.yml last month

120-cell.png some minor changes 7 months ago

LICENSE delete histry commits and upload new files 3 years ago

README.md add upper half plane model 5 days ago

gallery.png update galley image 18 hours ago

install_dependencies.sh add upper half plane

requirements.txt add upper half plane

Local Repository

Remote

Saskia Bollmann > projects > pywonderland

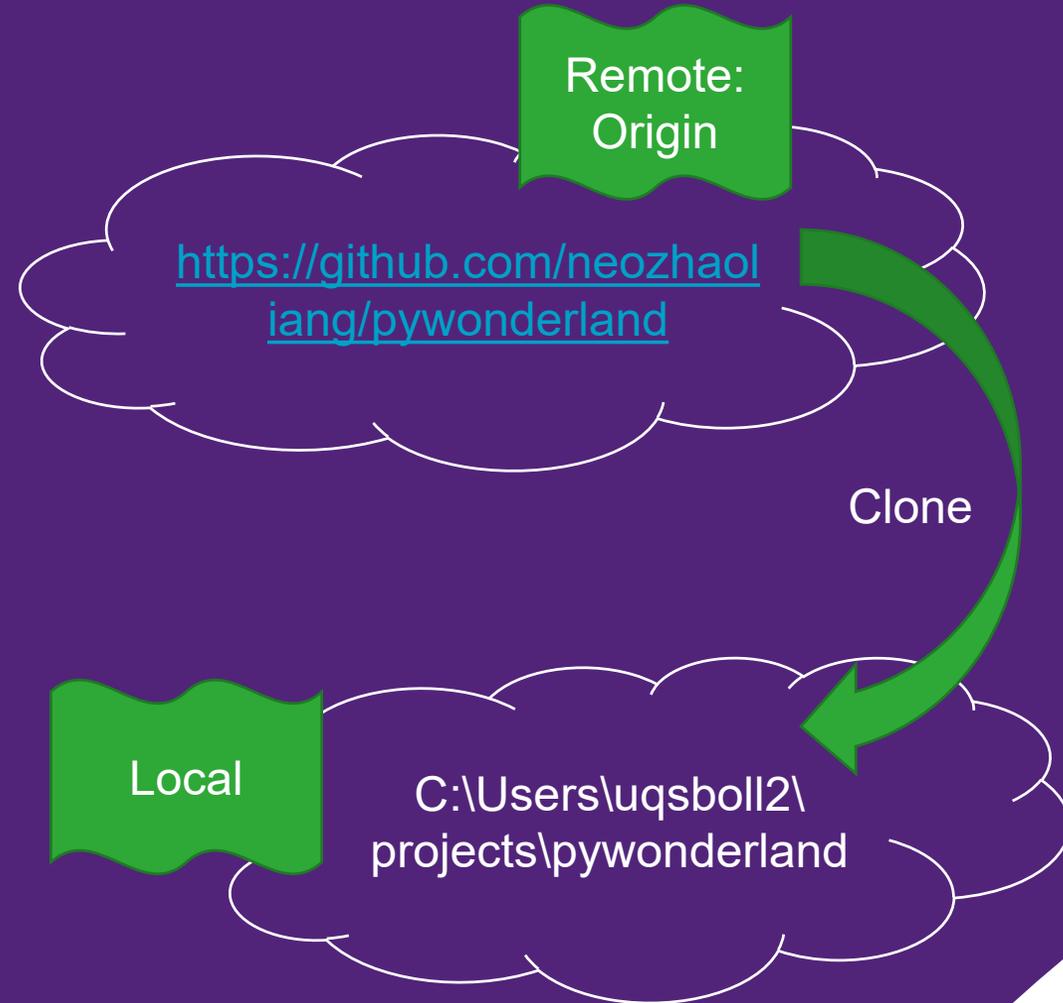
Search pywonderland

Name	Date modified	Type
.git	28/05/2020 8:05 PM	File folder
src	28/05/2020 8:04 PM	File folder
.deepsource.toml	28/05/2020 8:04 PM	TOML File
.gitignore	28/05/2020 8:04 PM	Text Document
.travis.yml	28/05/2020 8:04 PM	YML File
120-cell.png	28/05/2020 8:04 PM	PNG File
gallery.png	28/05/2020 8:04 PM	PNG File
install_dependencies.sh	28/05/2020 8:04 PM	SH File
LICENSE	28/05/2020 8:04 PM	File
README.md	28/05/2020 8:04 PM	MD File
requirements.txt	28/05/2020 8:04 PM	TXT File

Remote

Definition: A repository stored on another computer

Origin = the name for the remote repository where we cloned from



Run the new code

How to use

All projects here are implemented in a read-to-use manner for new comers. That is you can simply run the examples without tweaking any parameters once you have the dependencies installed correctly. Each subdirectory in `src/` is a single program (except that `gslhelpers` is a helper module for running gsl programs and `misc` is a collection of independent scripts), any file named `main.py`, `run_*.py`, `example_*.py` is an executable script that gives some output.

Intermezzo II

Adding packages using conda

Dependencies

The recommended way to install all dependencies is simply running the bash script `install_dependencies.sh`.

```
sudo bash install_dependencies.sh
```

Or you can install the python libs by pip:

```
pip install -r requirements.txt
```

Open source softwares required:

- `python3-tk` (for file dialog)
- `ImageMagick` (for making gif animations)
- `FFmpeg` (for saving animations to video files)
- `POV-Ray` (for generating high quality raytracing results)
- `graphviz` (for drawing automata of Coxeter groups)
- `Inkscape` (optional, for convering large svg files to png)

They can all be installed via command-line:

```
sudo apt-get install python3-tk imagemagick ffmpeg povray graphviz inkscape
```

Note `pygraphviz` also requires `libgraphviz-dev`:

```
sudo apt-get install libgraphviz-dev
```

In the scripts these softwares are called in command line as `povray`, `ffmpeg`, `convert` (from `ImageMagick`), etc. For Windows users you should add the directories contain these .exe files to the system `Path` environment variables to let the system know what executables these commands refer to. For example on Windows the default location of POV-Ray's exe file is `C:\Program Files\POV-Ray\v3.7\bin\pvengine64.exe`, SO YOU SHOULD ADD `C:\Program Files\POV-Ray\v3.7\bin` to system `Path` and rename `pvengine64.exe` to `povray.exe`, then you can run the scripts without any changes and everything works fine.

Adding cairocffi only

```
PS C:\Users\uqsboll2\projects\pywonderland> conda activate base
PS C:\Users\uqsboll2\projects\pywonderland> & C:/Users/uqsboll2/Miniconda3/python.exe c:/Users/uqsboll2/projects/pywonderland/src/aperiodic-tilings/debruijn.py
Traceback (most recent call last):
  File "c:/Users/uqsboll2/projects/pywonderland/src/aperiodic-tilings/debruijn.py", line 39, in <module>
    import cairocffi as cairo
ModuleNotFoundError: No module named 'cairocffi'

During handling of the above exception, another exception occurred:
```

```
PS C:\Users\uqsboll2\projects\pywonderland> conda install -c conda-forge cairocffi
Collecting package metadata (current_repodata.json): done
Solving environment: done

## Package Plan ##

  environment location: C:\Users\uqsboll2\Miniconda3

  added / updated specs:
    - cairocffi
```

Install all requirements

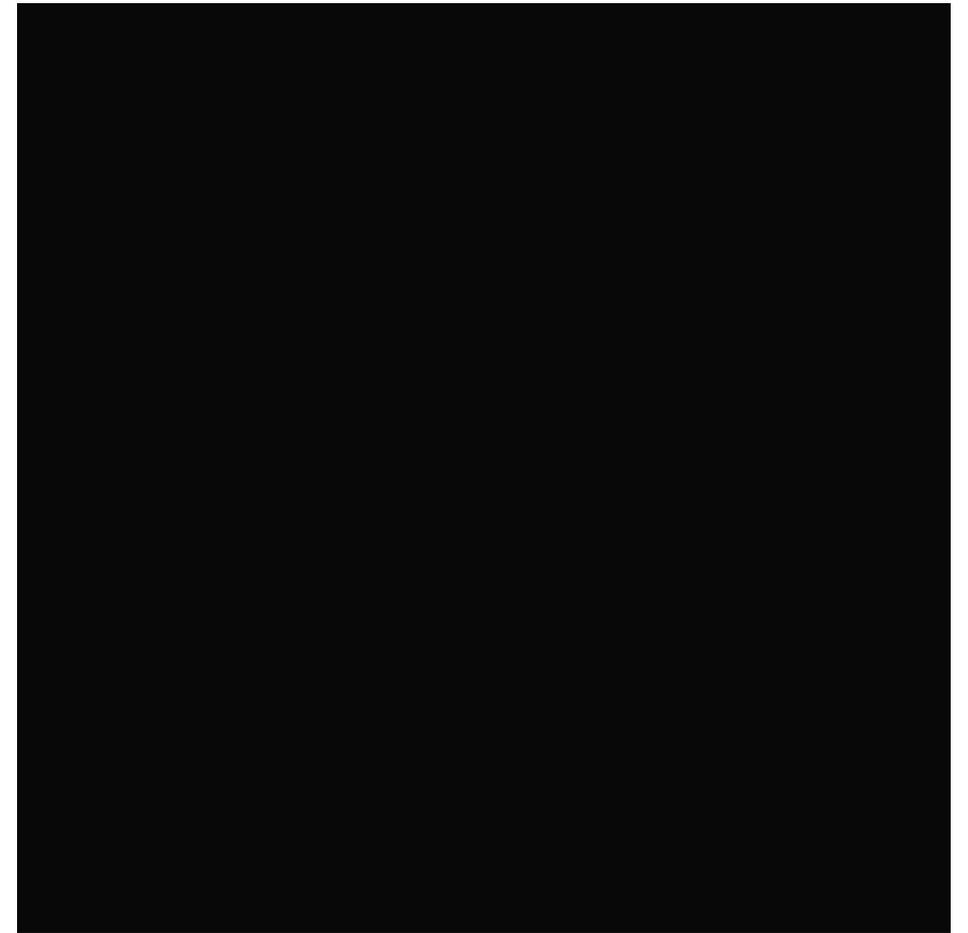
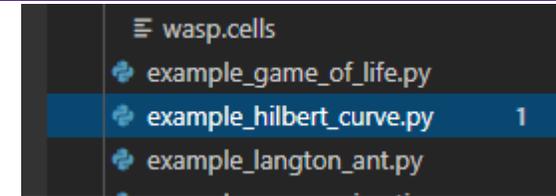
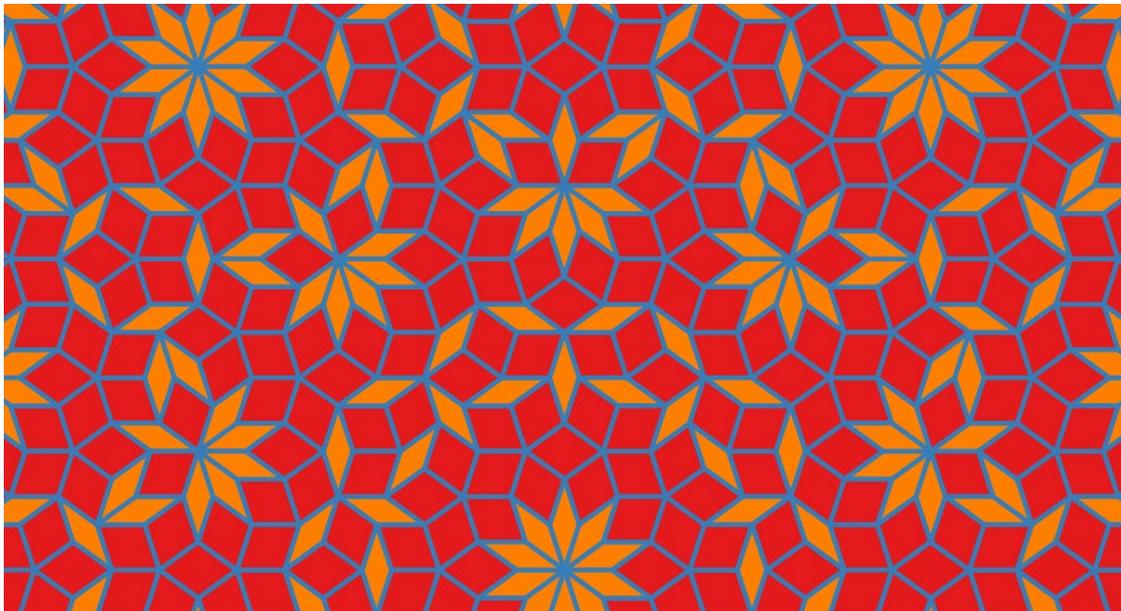
```
PS C:\Users\uqsboll2\projects\pywonderland> pip install -r .\requirements.txt
```

```
PS C:\Users\uqsboll2\projects\pywonderland> conda install pycairo  
Collecting package metadata (current_repodata.json): done  
Solving environment: done
```

```
PS C:\Users\uqsboll2\projects\pywonderland> conda install -c alubbock pygraphviz  
Collecting package metadata (current_repodata.json): done  
Solving environment: done
```

Generating fractals

```
PS C:\Users\uqsboll2\projects\pywonderland> cd .\src\aperiodic-tilings\  
PS C:\Users\uqsboll2\projects\pywonderland\src\aperiodic-tilings> python debruijn.py
```



Code Issues 0 Pull requests 0 Actions Security 0 Insights

Branch: master

Commits on May 27, 2020

- update galley image
neozhaoliang committed 18 hours ago ✓  4437564 
- add code for drawing vertices on coxeter planes
neozhaoliang committed yesterday ✗  0a06afc 

Commits on May 26, 2020

- more comments and clean the code
neozhaoliang committed 2 days ago ✓  db78eb1 

Commits on May 25, 2020

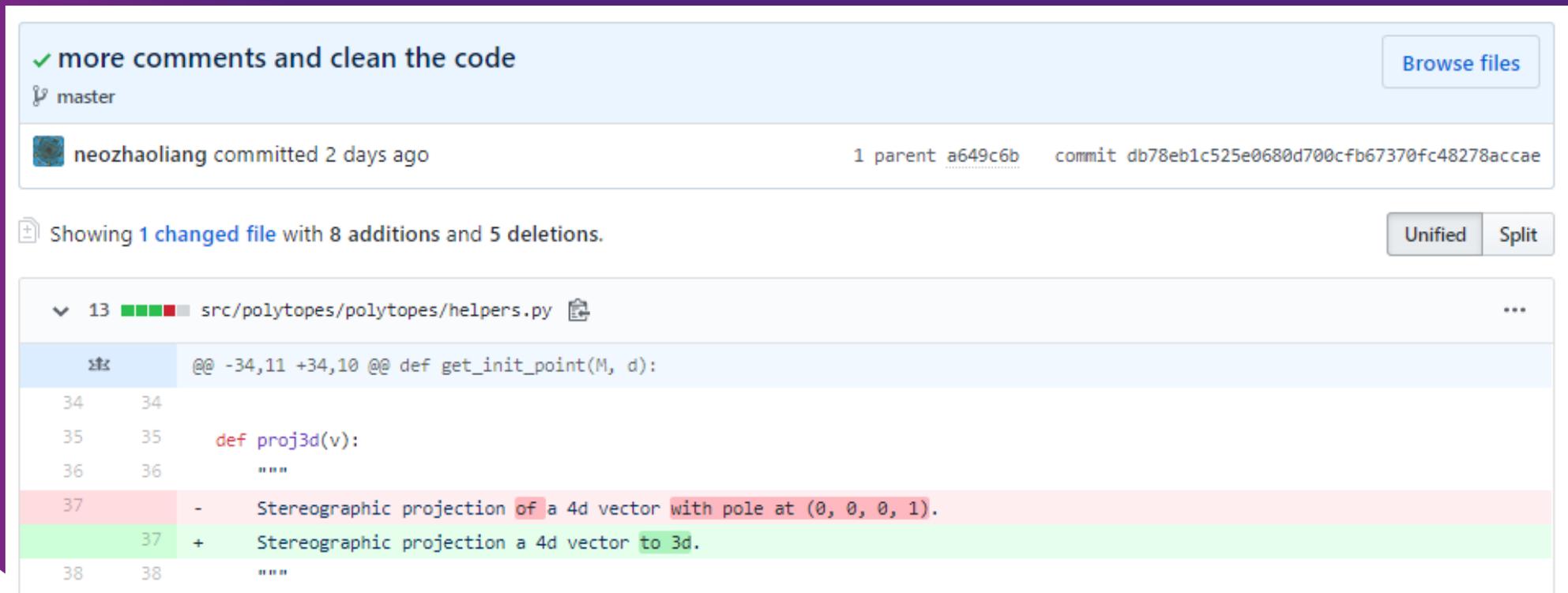
- improved polytope code, cleaner and shorter
neozhaoliang committed 3 days ago ✓  a649c6b 

Commits on May 24, 2020

- fix a small problem in hyperbolic tile inner edges
neozhaoliang committed 4 days ago ✓  38edc88 
- improve upper half plane model to render text labels
neozhaoliang committed 4 days ago ✓  ef35403 

What is a “Commit”?

Committing a change means to create a snapshot of the project's current status. Commit often! Assign a clear message of your intention.



✓ more comments and clean the code [Browse files](#)

🔗 master

 neozhaoliang committed 2 days ago 1 parent [a649c6b](#) commit [db78eb1c525e0680d700cfb67370fc48278accac](#)

📄 Showing 1 changed file with 8 additions and 5 deletions. Unified Split

▼ 13 ■ ■ ■ src/polytopes/polytopes/helpers.py 

Line	Change	Code
34		34
35		35 <code>def proj3d(v):</code>
36		36 <code> """</code>
37	-	37 <code>Stereographic projection of a 4d vector with pole at (0, 0, 0, 1).</code>
37	+	37 <code>Stereographic projection a 4d vector to 3d.</code>
38		38 <code> """</code>

Commits on Feb 9, 2020

add many more polychora examples

 neozhaoliang committed on Feb 10 



11ca01b



Commits on Feb 11, 2019

add wang tiling animation

 neozhaoliang committed on Feb 11, 2019 



4637b14



Commits on Feb 3, 2019

remove unused import in gifmaze code

 neozhaoliang committed on Feb 3, 2019 



c8d1f26



Commits on Dec 4, 2018

rewrite gifmaze project, added new features: 1. can draw grid lines 2... 

 neozhaoliang committed on Dec 4, 2018



ef89878



Commits on Nov 20, 2018

better code formatting

 neozhaoliang committed on Nov 21, 2018



f52d599



fix some errors in hilbert curve

 neozhaoliang committed on Nov 20, 2018



caf4834



fix the color discontinuity problem in hilbert curves

 neozhaoliang committed on Nov 20, 2018



c2da2d6



add hilbert curve animation

 neozhaoliang committed on Nov 20, 2018



c91d46e



1) Using code from
github.com

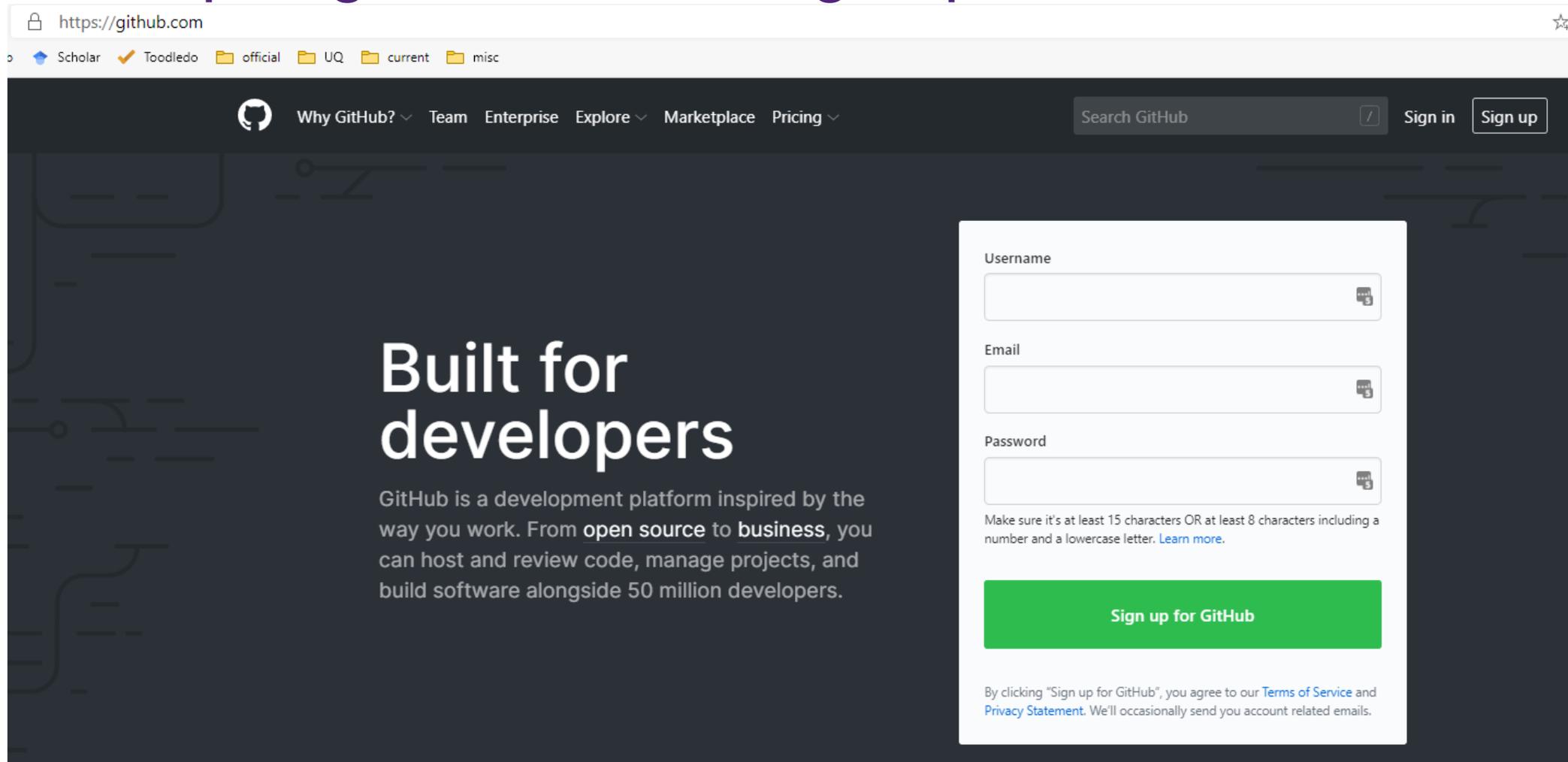
2) Version Control
for your project

Use Cases

3) Adding someone
to your project

4) Contributing to
a project

Go to <https://github.com/> & sign up



The screenshot shows the GitHub website's sign-up page. The browser address bar displays <https://github.com>. The navigation menu includes links for 'Why GitHub?', 'Team', 'Enterprise', 'Explore', 'Marketplace', and 'Pricing'. A search bar and 'Sign in'/'Sign up' buttons are also visible. The main content area features the heading 'Built for developers' and a sub-headline: 'GitHub is a development platform inspired by the way you work. From open source to business, you can host and review code, manage projects, and build software alongside 50 million developers.' To the right, a sign-up form is displayed with three input fields: 'Username', 'Email', and 'Password'. Below the password field, a note states: 'Make sure it's at least 15 characters OR at least 8 characters including a number and a lowercase letter. [Learn more.](#)' A prominent green button labeled 'Sign up for GitHub' is positioned below the form. At the bottom of the form, a disclaimer reads: 'By clicking "Sign up for GitHub", you agree to our [Terms of Service](#) and [Privacy Statement](#). We'll occasionally send you account related emails.'

Create a new repository

 SaskiaBollmann ▾

Repositories

 New

Find a repository...



Create a new repository

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere?

[Import a repository.](#)

Owner

 SaskiaBollmann ▾

Repository name *

ohbm-git-example-sbollmann ✓

Great repository names are short and lowercase. [ohbm-git-example-sbollmann is available.](#) [Learn more about upgraded-robot?](#)

Description (optional)

Example for the 2020 OHBM Brainhack git presentation.

-  **Public**
Anyone can see this repository. You choose who can commit.
-  **Private**
You choose who can see and commit to this repository.

Skip this step if you're importing an existing repository.

- Initialize this repository with a README**
This will let you immediately clone the repository to your computer.

Add .gitignore: None ▾

Add a license: None ▾ 

Create repository

Create a new repository

Quick setup — if you've done this kind of thing before

 Set up in Desktop or HTTPS SSH `git@github.com:SaskiaBollmann/ohbm-git-example-sbollmann.git` 

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

...or create a new repository on the command line

```
echo "# ohbm-git-example-sbollmann" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin git@github.com:SaskiaBollmann/ohbm-git-example-sbollmann.git
git push -u origin master
```



...or push an existing repository from the command line

```
git remote add origin git@github.com:SaskiaBollmann/ohbm-git-example-sbollmann.git
git push -u origin master
```



...or import code from another repository

You can initialize this repository with code from a Subversion, Mercurial, or TFS project.

[Import code](#)

Create local folder and open git bash

> projects

Name	Date modified	Type	Size
fractal	28/05/2020 1:18 PM	File folder	
funfractals	28/05/2020 4:59 PM	File folder	
pywonderland	28/05/2020 8:23 PM	File folder	
SaskiasAwesomeProject	28/05/2020 8:54 PM	File folder	

- View
- Sort by
- Group by
- Refresh
- Customize this folder...
- Paste
- Paste shortcut
- Undo Delete Ctrl+Z
- Git GUI Here
- Git Bash Here
- Give access to
- Git Clone...
- Git Create repository here...
- TortoiseGit
- New
- Properties

- Folder
- Shortcut
- Microsoft Access Database
- Bitmap image
- Microsoft Word Document
- Microsoft PowerPoint Presentation
- Microsoft Publisher Document
- WinRAR archive
- Text Document
- Microsoft Excel Worksheet
- WinRAR ZIP archive

> projects > ohbm-git-example-sbollmann

- View
- Sort by
- Group by
- Refresh
- Customize this folder...
- Paste
- Paste shortcut
- Undo Rename Ctrl+Z
- Git GUI Here
- Git Bash Here
- Give access to
- Git Clone...
- Git Create repository here...
- TortoiseGit
- New
- Properties

Create README.md

...or create a new repository on the command line

```
echo "# ohbm-git-example-sbollmann" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin git@github.com:SaskiaBollmann/ohbm-git-example-sbollmann.git
git push -u origin master
```

```
uqsbo112@CAI-BINNARI MINGW64 ~/projects/ohbm-git-example-sbollmann
$ echo "# ohbm-git-example-sbollmann" >> README.md
```

```
uqsbo112@CAI-BINNARI MINGW64 ~/projects/ohbm-git-example-sbollmann
$ ls
README.md
```

```
uqsbo112@CAI-BINNARI MINGW64 ~/projects/ohbm-git-example-sbollmann
$ cat README.md
# ohbm-git-example-sbollmann
```

Initialize new git repo locally

...or create a new repository on the command line

```
echo "# ohbm-git-example-sbollmann" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin git@github.com:SaskiaBollmann/ohbm-git-example-sbollmann.git
git push -u origin master
```

```
uqsboll2@CAI-BINNARI MINGW64 ~/projects/ohbm-git-example-sbollmann
$ git init
Initialized empty Git repository in C:/Users/uqsboll2/projects/ohbm-git-example-sbollmann/.git/

uqsboll2@CAI-BINNARI MINGW64 ~/projects/ohbm-git-example-sbollmann (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)

        README.md

nothing added to commit but untracked files present (use "git add" to track)
```

Add file to repository

...or create a new repository on the command line

```
echo "# ohbm-git-example-sbollmann" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin git@github.com:SaskiaBollmann/ohbm-git-example-sbollmann.git
git push -u origin master
```

```
uqsbo112@CAI-BINNARI MINGW64 ~/projects/ohbm-git-example-sbollmann (master)
$ git add README.md
warning: LF will be replaced by CRLF in README.md.
The file will have its original line endings in your working directory
```

```
uqsbo112@CAI-BINNARI MINGW64 ~/projects/ohbm-git-example-sbollmann (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)

        new file:   README.md
```

Commit changes

...or create a new repository on the command line

```
echo "# ohbm-git-example-sbollmann" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin git@github.com:SaskiaBollmann/ohbm-git-example-sbollmann.git
git push -u origin master
```

```
uqsbo112@CAI-BINNARI MINGW64 ~/projects/ohbm-git-example-sbollmann (master)
$ git commit -m "First commit."
[master (root-commit) 7cfb378] First commit.
 1 file changed, 1 insertion(+)
 create mode 100644 README.md

uqsbo112@CAI-BINNARI MINGW64 ~/projects/ohbm-git-example-sbollmann (master)
$ git status
On branch master
nothing to commit, working tree clean
```

Add remote: origin

...or create a new repository on the command line

```
echo "# ohbm-git-example-sbollmann" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin git@github.com:SaskiaBollmann/ohbm-git-example-sbollmann.git
git push -u origin master
```

```
uqsbo112@CAI-BINNARI MINGW64 ~/projects/ohbm-git-example-sbollmann (master)
$ git remote add origin git@github.com:SaskiaBollmann/ohbm-git-example-sbollmann.git

uqsbo112@CAI-BINNARI MINGW64 ~/projects/ohbm-git-example-sbollmann (master)
$ git status
On branch master
nothing to commit, working tree clean

uqsbo112@CAI-BINNARI MINGW64 ~/projects/ohbm-git-example-sbollmann (master)
$ git remote
origin

uqsbo112@CAI-BINNARI MINGW64 ~/projects/ohbm-git-example-sbollmann (master)
$ git remote -v
origin git@github.com:SaskiaBollmann/ohbm-git-example-sbollmann.git (fetch)
origin git@github.com:SaskiaBollmann/ohbm-git-example-sbollmann.git (push)
```

Push changes to remote

...or create a new repository on the command line

```
echo "# ohbm-git-example-sbollmann" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin git@github.com:SaskiaBollmann/ohbm-git-example-sbollmann.git
git push -u origin master
```

```
uqsbo112@CAI-BINNARI MINGW64 ~/projects/ohbm-git-example-sbollmann (master)
$ git push -u origin master
git@github.com: Permission denied (publickey).
fatal: Could not read from remote repository.
```

Please make sure you have the correct access rights
and the repository exists.

Intermezzo III

Creating and adding SSH keys to github.com

Creating new ssh key

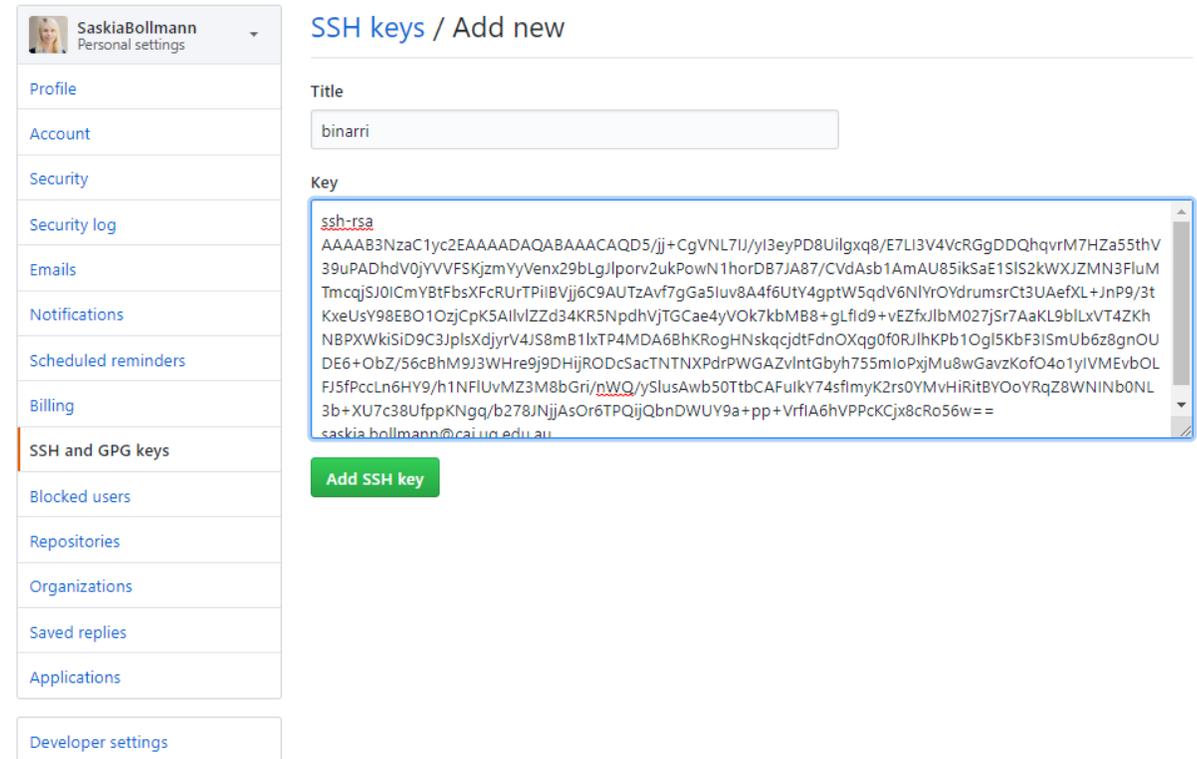
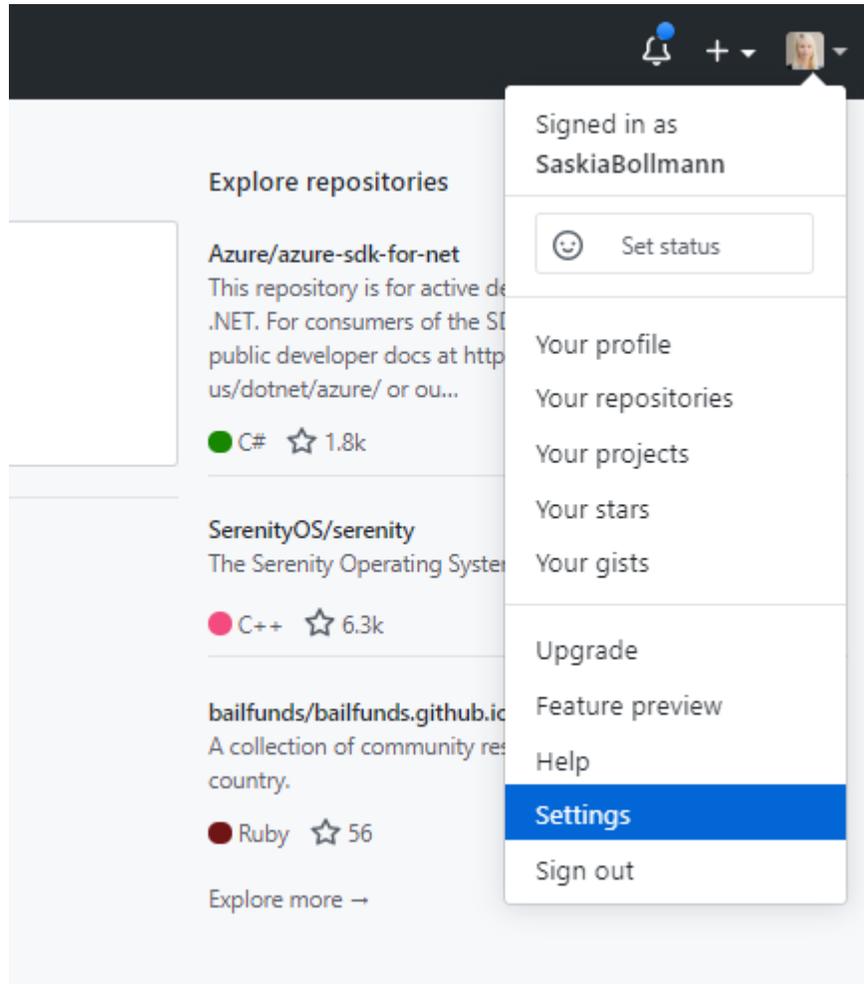
<https://help.github.com/en/github/authenticating-to-github/generating-a-new-ssh-key-and-adding-it-to-the-ssh-agent>

```
uqsbo112@CAI-BINNARI MINGW64 ~/projects
$ ssh-keygen -t rsa -b 4096 -C "saskia.bollmann@cai.uq.edu.au"
Generating public/private rsa key pair.
Enter file in which to save the key (/c/Users/uqsbo112/.ssh/id_rsa):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /c/Users/uqsbo112/.ssh/id_rsa.
Your public key has been saved in /c/Users/uqsbo112/.ssh/id_rsa.pub.
```

```
$ ssh-add ~/.ssh/id_rsa
Identity added: /c/Users/uqsbo112/.ssh/id_rsa (saskia.bollmann@cai.uq.edu.au)
```

```
uqsbo112@CAI-BINNARI MINGW64 ~/projects
$ clip < ~/.ssh/id_rsa.pub
```

Add public(!) key to github



Push changes to remote

...or create a new repository on the command line

```
echo "# ohbm-git-example-sbollmann" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin git@github.com:SaskiaBollmann/ohbm-git-example-sbollmann.git
git push -u origin master
```

Example for the 2020 OHBM Brainhack git presentation. [Edit](#)

Manage topics

1 commit

1 branch

0 packages

0 releases

1 contributor

Branch: master

[New pull request](#)

[Create new file](#)

[Upload files](#)

[Find file](#)

[Clone or download](#)

SaskiaBollmann First commit.

Latest commit 7c7b378 13 minutes ago

README.md

First commit.

13 minutes ago

README.md

ohbm-git-example-sbollmann

```
uqsbo112@CAI-BINNARI MINGW64 ~/projects/ohbm-git-example-sbollmann (master)
$ git push -u origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 251 bytes | 251.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To github.com:SaskiaBollmann/ohbm-git-example-sbollmann.git
 * [new branch]      master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
```

Push changes to remote

Example for the 2020 OHBM Brainhack git presentation.

Edit

Manage topics

1 commit 1 branch 0 packages 0 releases 1 contributor

Branch: master ▼ New pull request Create new file Upload files Find file **Clone or download ▼**

SaskiaBollmann First commit. Latest commit 7cfb378 13 minutes ago

README.md First commit. 13 minutes ago

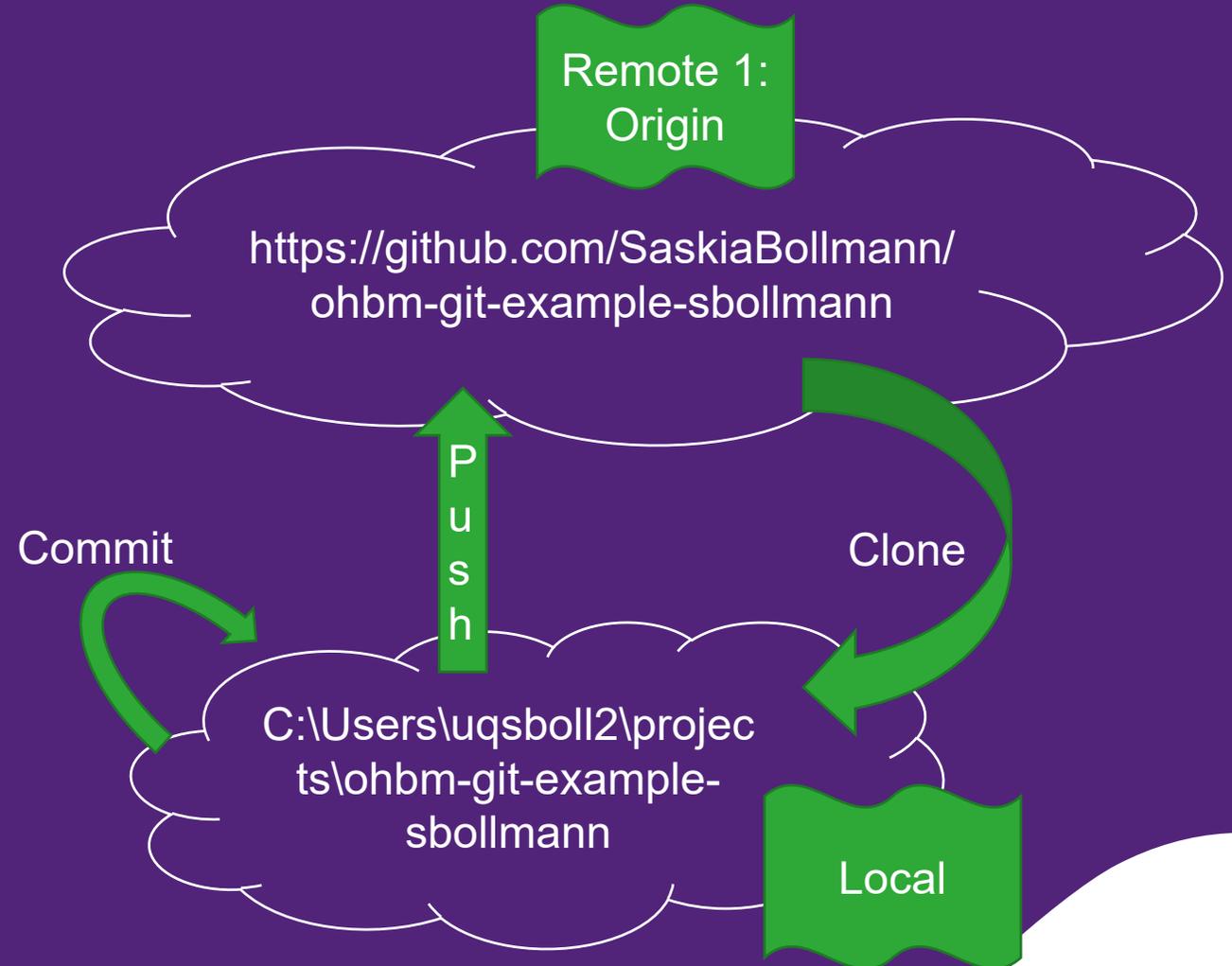
README.md

ohbm-git-example-sbollmann

Commit and Push

Commit = recording
the status locally

Push = uploading all
history to a Remote



Making changes online

The screenshot shows a GitHub repository page for 'SaskiaBollmann / ohbm-git-example-sbollmann'. The repository has 1 Unwatch, 0 Stars, and 0 Forks. The navigation bar includes links for Code, Issues (0), Pull requests (0), Actions, Projects (0), Wiki, Security (0), Insights, and Settings. The current view is for the 'master' branch, specifically the 'README.md' file. A commit by SaskiaBollmann is shown with the message 'First commit.' and commit hash '7c-fb378' from 16 minutes ago. The file content is '1 contributor' and '1 lines (1 sloc) | 29 Bytes'. The file content is 'ohbm-git-example-sbollmann'. There is an 'Edit this file' button and a toolbar with 'Raw', 'Blame', 'History', and icons for a monitor, edit, and trash.

SaskiaBollmann / ohbm-git-example-sbollmann

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Actions Projects 0 Wiki Security 0 Insights Settings

Branch: master ohbm-git-example-sbollmann / README.md Find file Copy path

SaskiaBollmann First commit. 7c-fb378 16 minutes ago

1 contributor

1 lines (1 sloc) | 29 Bytes Raw Blame History Edit this file

ohbm-git-example-sbollmann

Using Markdown

GitHub Guides

Video Guides GitHub Help GitHub.com



Mastering Markdown
3 minute read | Download PDF version

Markdown is a lightweight and easy-to-use syntax for styling all forms of writing on the GitHub platform.

What you will learn:

- How the Markdown format makes styled collaborative editing easy
- How Markdown differs from traditional formatting approaches
- How to use Markdown to format text
- How to leverage GitHub's automatic Markdown rendering
- How to apply GitHub's unique Markdown extensions

Examples

[Text](#) [Lists](#) [Images](#) [Headers & Quotes](#) [Code](#) [Extras](#)

```
It's very easy to make some words bold and other words italic with Markdown. You can even [link to Google!](http://google.com)
```

It's very easy to make some words **bold** and other words *italic* with Markdown. You can even [link to Google!](http://google.com)

Writing the README.md

The screenshot shows a GitHub web editor interface. At the top, there are tabs for "Edit file" and "Preview changes", along with settings for "Spaces" (set to 2) and "Soft wrap". The editor shows three lines of code:

```
1 # ohbm-git-example-sbollmann
2
3 It's very easy to make some words bold and other words italic with Markdown. You can even \[link to Google!\](http://google.com)
```

Below the editor is a preview window showing the rendered output:

ohbm-git-example-sbollmann

It's very easy to make some words **bold** and other words *italic* with Markdown. You can even [link to Google!](http://google.com)

At the bottom, a "Commit changes" dialog box is open, featuring a user profile picture on the left. The dialog has a title "Commit changes" and a text input field containing "Example how to use markdown to edit the README.md". Below the input field is a larger text area with the placeholder "Add an optional extended description...". At the bottom of the dialog, there are two radio button options: "Commit directly to the master branch." (which is selected) and "Create a new branch for this commit and start a pull request. Learn more about pull requests." At the very bottom of the dialog are two buttons: "Commit changes" (in green) and "Cancel".

Writing the README.md

Branch: master ▾ ohbm-git-example-sbollmann / README.md Find file Copy path

 **SaskiaBollmann** Example how to use markdown to edit the README.md. 9823e83 now

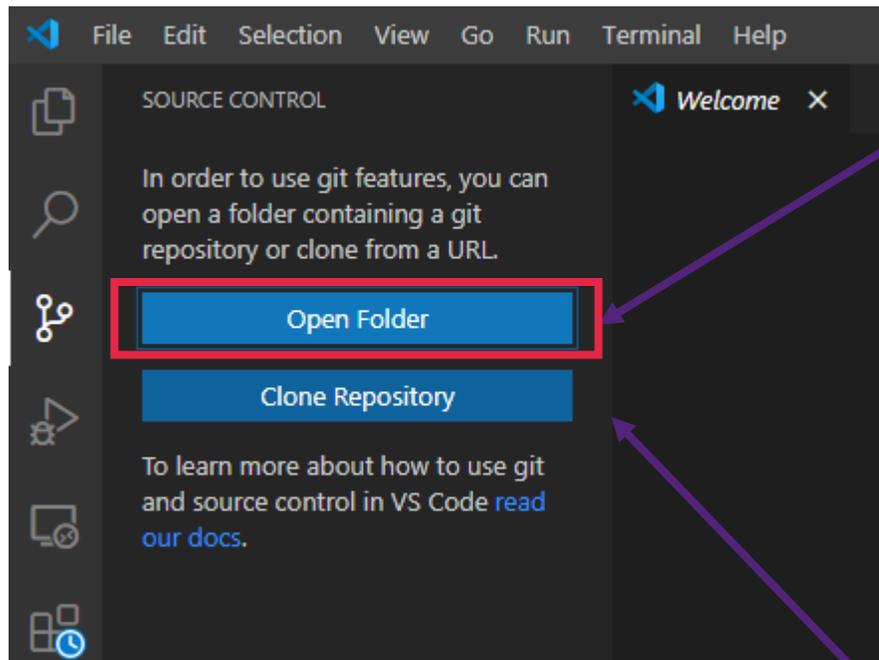
[1 contributor](#)

3 lines (2 sloc) | 163 Bytes Raw Blame History   

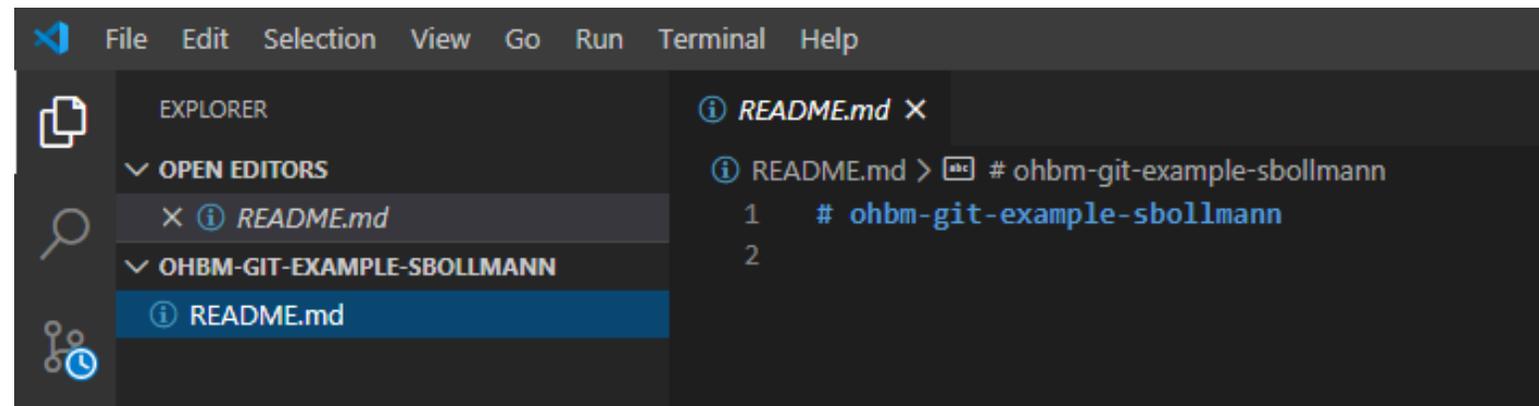
ohbm-git-example-sbollmann

It's very easy to make some words **bold** and other words *italic* with Markdown. You can even [link to Google!](#)

Working in visual studio code

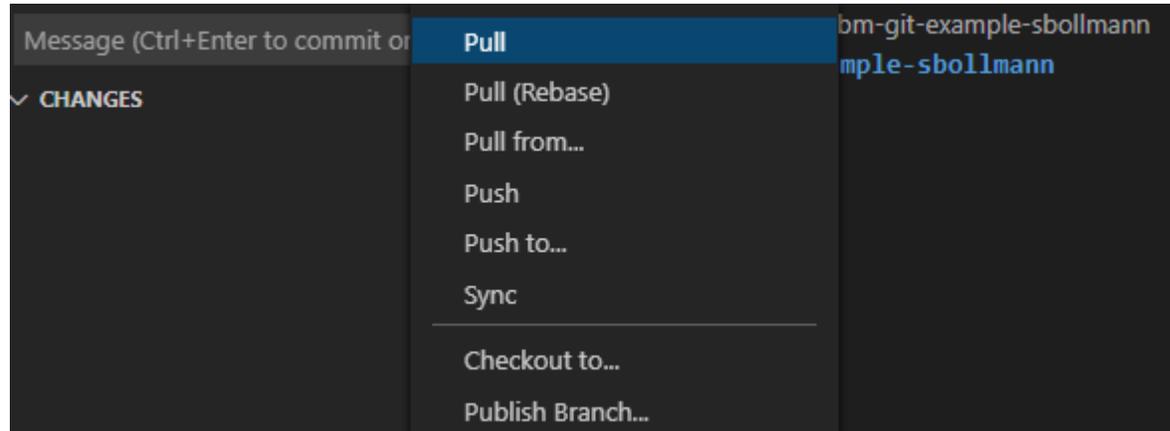


Repository exists locally



Repository exists online

Pull to update local repository



```
① README.md X
① README.md > # ohbm-git-example-sbollmann
1 # ohbm-git-example-sbollmann
2
3 It's very easy to make some words bold and other words italic with Markdown. You can even [link to Google!](http://google.com)
4
```

Making local changes

```
README.md
README.md > # ohbm-git-example-sbollmann
1 # ohbm-git-example-sbollmann
2
3 It's very easy to make some words bold and other words italic with Markdown. You can even [link to Google!](http://google.com)
4
5 Let's make some changes in visual studio code.
```

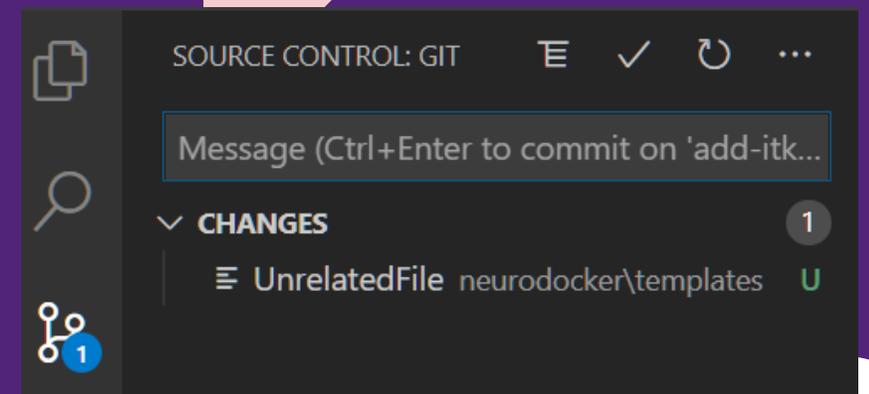
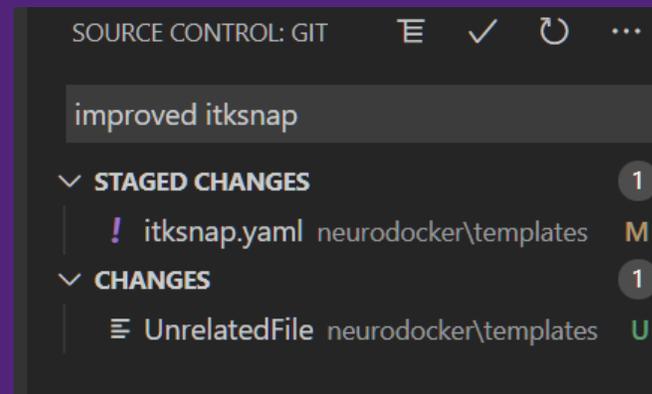
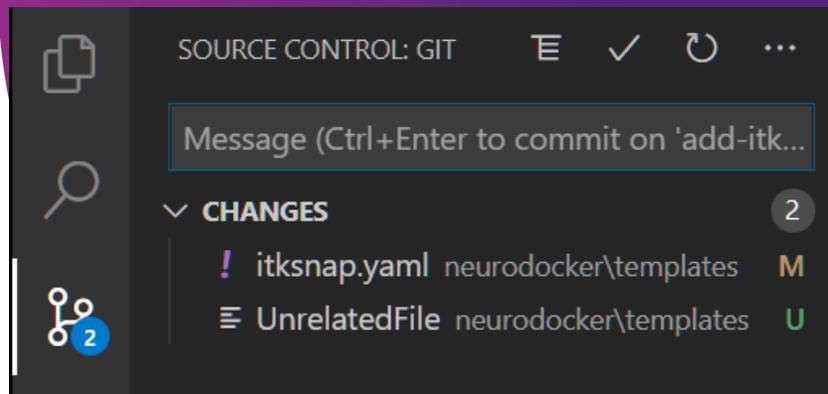
The screenshot shows the Visual Studio Code interface. On the left, the 'SOURCE CONTROL' view is open, displaying a list of actions for the current branch: Pull, Pull (Rebase), Pull from..., Push, Push to..., Sync, Checkout to..., Publish Branch..., and Commit All. The 'Commit All' button is highlighted in blue. On the right, a 'Visual Studio Code' dialog box is displayed with a yellow warning icon. The text in the dialog reads: 'There are no staged changes to commit. Would you like to automatically stage all your changes and commit them directly?'. Below the text are four buttons: 'Yes', 'Always', 'Never', and 'Cancel'. The 'Always' button is highlighted with a purple border.

Staging Area

Changes in Folder

Staging Area (files to be used for the next commit)

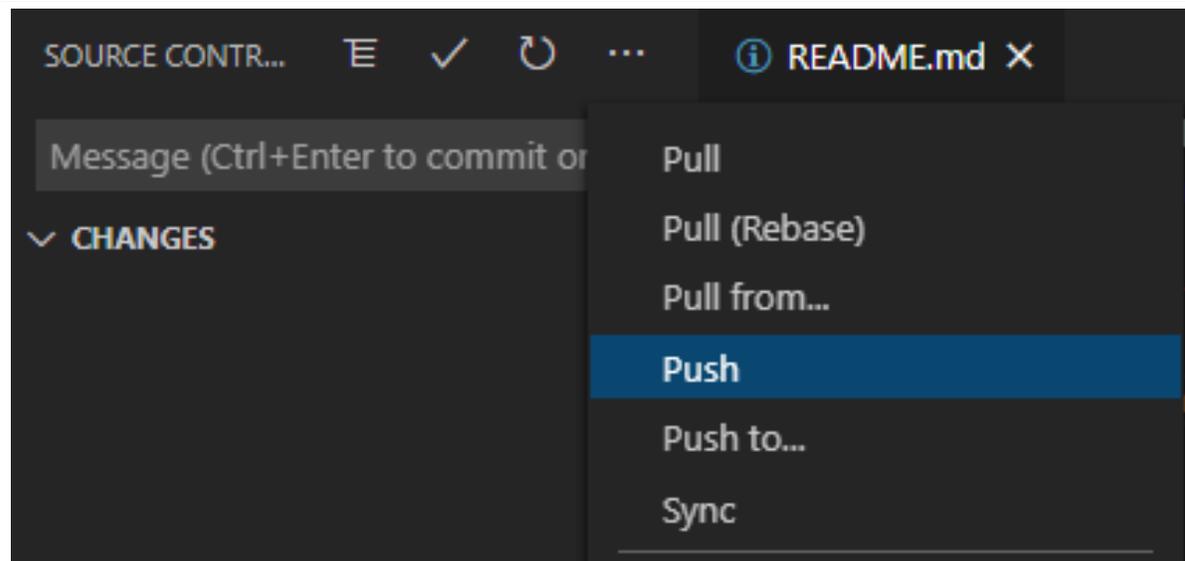
Repository



Commit and Push

First commit from VSC.

Please provide a commit message (Press 'Enter' to confirm or 'Escape' to cancel)



```
> git push origin master:master
To github.com:SaskiaBollmann/ohbm-git-example-sbollmann.git
 9823e83..8fa93bf  master -> master
```

Exploring the history on github

The screenshot shows a GitHub repository page for 'SaskiaBollmann / ohbm-git-example-sbollmann'. The repository has 1 watch, 0 stars, and 0 forks. The main navigation bar includes links for Code, Issues (0), Pull requests (0), Actions, Projects (0), Wiki, Security (0), Insights, and Settings. The repository description is 'Example for the 2020 OHBM Brainhack git presentation.' Below this, there are statistics: 3 commits, 1 branch, 0 packages, 0 releases, and 1 contributor. The 'Clone or download' button is highlighted in green. The commit history shows a single commit by SaskiaBollmann titled 'First commit from VSC.' with the latest commit hash 8fa93bf, made 2 minutes ago. The file list shows 'README.md' with the same commit message and time. The README content is displayed below, showing the repository name and a paragraph of text: 'It's very easy to make some words **bold** and other words *italic* with Markdown. You can even [link to Google!](#) Let's make some changes in visual studio code.'

SaskiaBollmann / ohbm-git-example-sbollmann

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Actions Projects 0 Wiki Security 0 Insights Settings

Example for the 2020 OHBM Brainhack git presentation. Edit

Manage topics

3 commits 1 branch 0 packages 0 releases 1 contributor

Branch: master New pull request Create new file Upload files Find file Clone or download

SaskiaBollmann First commit from VSC. Latest commit 8fa93bf 2 minutes ago

README.md First commit from VSC. 2 minutes ago

README.md

ohbm-git-example-sbollmann

It's very easy to make some words **bold** and other words *italic* with Markdown. You can even [link to Google!](#)

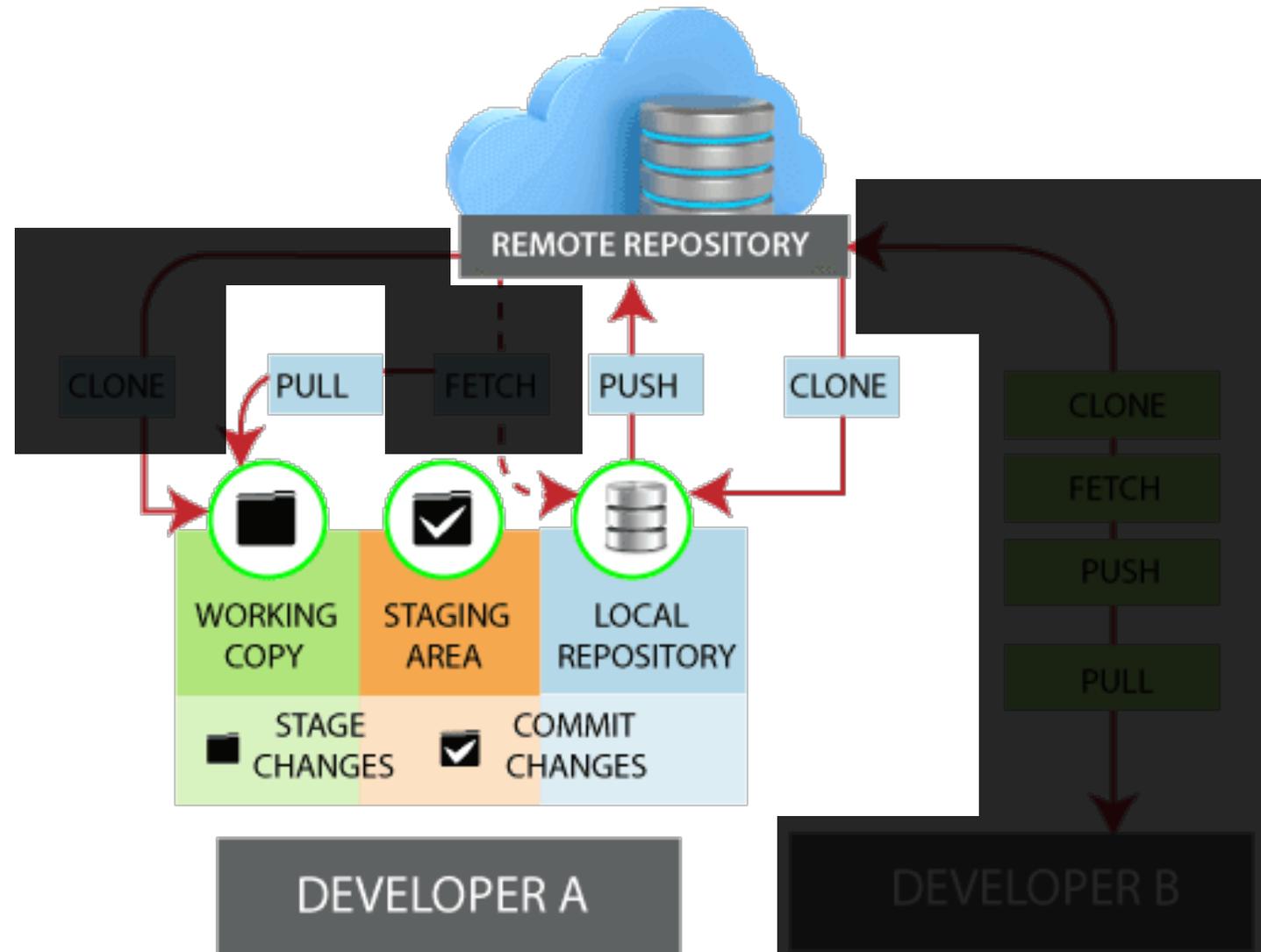
Let's make some changes in visual studio code.

Summary

Staging Area and Working Copy

Git commands

- git status
- git commit -am "Hello"
- git push
- git pull



<https://www.javatpoint.com/git-remote>

Exploring the history locally and on github

Branch: master ▾

Commits on Jun 11, 2020

First commit from VSC.



SaskiaBollmann committed 2 minutes ago



8fa93bf



Commits on Jun 10, 2020

Example how to use markdown to edit the README.md.



SaskiaBollmann committed yesterday

Verified



9823e83



First commit.



SaskiaBollmann committed yesterday

```
uqsboll2@CAI-BINNARI MINGW64 ~/projects/ohbm-git-example-sbollmann (master)
$ git log
commit 8fa93bfc87e44ce279e86a100429b095cc5c70c8 (HEAD -> master, origin/master)
Author: Saskia Bollmann <saskia.bollmann@cai.uq.edu.au>
Date: Thu Jun 11 12:39:01 2020 +1000

    First commit from VSC.

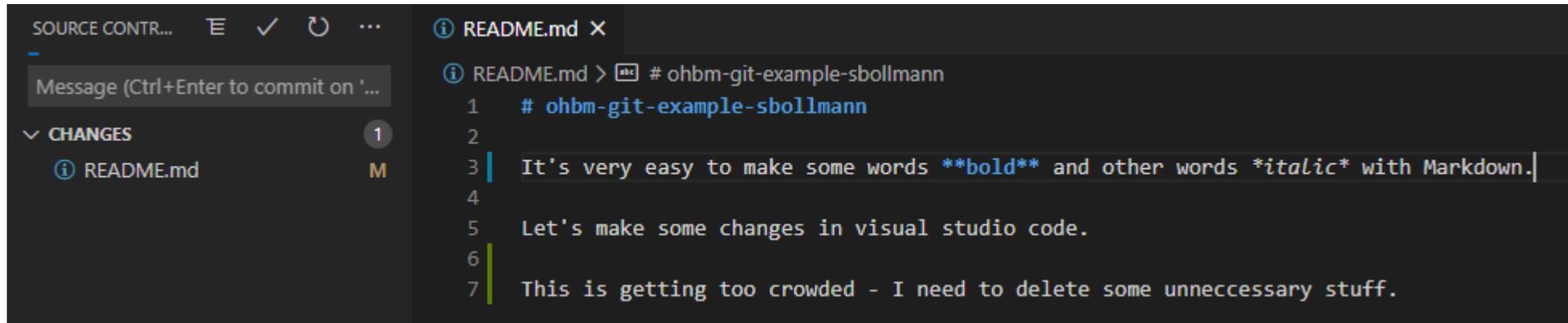
commit 9823e83498098e45b1f0cbd94ad68326f4ae418a
Author: SaskiaBollmann <saskia.bollmann@cai.uq.edu.au>
Date: Wed Jun 10 12:49:21 2020 +1000

    Example how to use markdown to edit the README.md.

commit 7cfb3785a8a46929b82f228fbb4204ac7f24ccb8
Author: Saskia Bollmann <saskia.bollmann@cai.uq.edu.au>
Date: Wed Jun 10 12:30:36 2020 +1000

    First commit.
```

Committing from the command line



The screenshot shows the Visual Studio Code interface. On the left, the 'SOURCE CONTROL' view is open, showing a commit message input field with the text 'Message (Ctrl+Enter to commit on \'...'. Below this, a 'CHANGES' section shows 'README.md' with a status of 'M' (modified). On the right, the 'README.md' file is open, displaying the following content:

```
1 # ohbm-git-example-sbollmann
2
3 It's very easy to make some words bold and other words italic with Markdown.
4
5 Let's make some changes in visual studio code.
6
7 This is getting too crowded - I need to delete some unnecessary stuff.
```

```
uqsboll2@CAI-BINNARI MINGW64 ~/projects/ohbm-git-example-sbollmann (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        modified:   README.md

no changes added to commit (use "git add" and/or "git commit -a")

uqsboll2@CAI-BINNARI MINGW64 ~/projects/ohbm-git-example-sbollmann (master)
$ git commit -am "Cleaning the code."
[master c6b556d] Cleaning the code.
1 file changed, 4 insertions(+), 2 deletions(-)
```

```
uqsboll2@CAI-BINNARI MINGW64 ~/projects/ohbm-git-example-sbollmann (master)
$ git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 360 bytes | 360.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To github.com:SaskiaBollmann/ohbm-git-example-sbollmann.git
8fa93bf..c6b556d master -> master
```

Looking at changes on github.com

Branch: master ▾

Commits on Jun 11, 2020

Cleaning the code.



SaskiaBollmann committed 43 seconds ago



c6b556d



First commit from VSC.



SaskiaBollmann committed 8 minutes ago



8fa93bf



Commits on Jun 10, 2020

Example how to use markdown to edit the README.md.



SaskiaBollmann committed yesterday

Verified



9823e83



First commit.



SaskiaBollmann committed yesterday



7c-fb378



Looking at changes on github.com

Cleaning the code. Browse files

🔗 master

 SaskiaBollmann committed 1 minute ago 1 parent [8fa93bf](#) commit [c6b556da0613deb3d4d1a7504e3e48d64b590503](#)

📄 Showing 1 changed file with 4 additions and 2 deletions. Unified Split

6 ■■■■■ README.md 📄 <> 📄 ⋮

...	...	@@ -1,5 +1,7 @@
1	1	# ohbm-git-example-sbollmann
2	2	
3		- It's very easy to make some words bold and other words <i>italic</i> with Markdown. You can even [link to Google!] (http://google.com)
	3	+ It's very easy to make some words bold and other words <i>italic</i> with Markdown.
4	4	
5		- Let's make some changes in visual studio code.
	5	+ Let's make some changes in visual studio code.
	6	+
	7	+ This is getting too crowded - I need to delete some unnecessary stuff.

Going back in time

The screenshot shows the GitHub interface for the repository 'example-sbollmann'. A search dropdown is open, showing 'vsc' as the search term. The dropdown has two options: 'VSC' (highlighted) and 'VSC'. The 'VSC' option is selected, and the search results show '1 commit result in SaskiaBollmann/ohbm-git-example-sbollmann'. The repository page shows the commit history, with the first commit from VSC being highlighted. The commit message is 'First commit from VSC.' and it was committed 22 hours ago by SaskiaBollmann. The commit hash is 8fa93bf.

Example for the 2020 OHBM Brainhack git presentation.

Edit

Manage topics

Code	0
Commits	1
Issues	0
Discussions Beta	0
Packages	0
Wikis	0

1 commit result in [SaskiaBollmann/ohbm-git-example-sbollmann](#)

SaskiaBollmann/ohbm-git-example-sbollmann

8fa93bf

[First commit from VSC.](#)

SaskiaBollmann committed 22 hours ago

Looking at changes on github.com

Cleaning the code. Browse files

🔗 master

 SaskiaBollmann committed 1 minute ago 1 parent [8fa93bf](#) commit [c6b556da0613deb3d4d1a7504e3e48d64b590503](#)

📄 Showing 1 changed file with 4 additions and 2 deletions. Unified Split

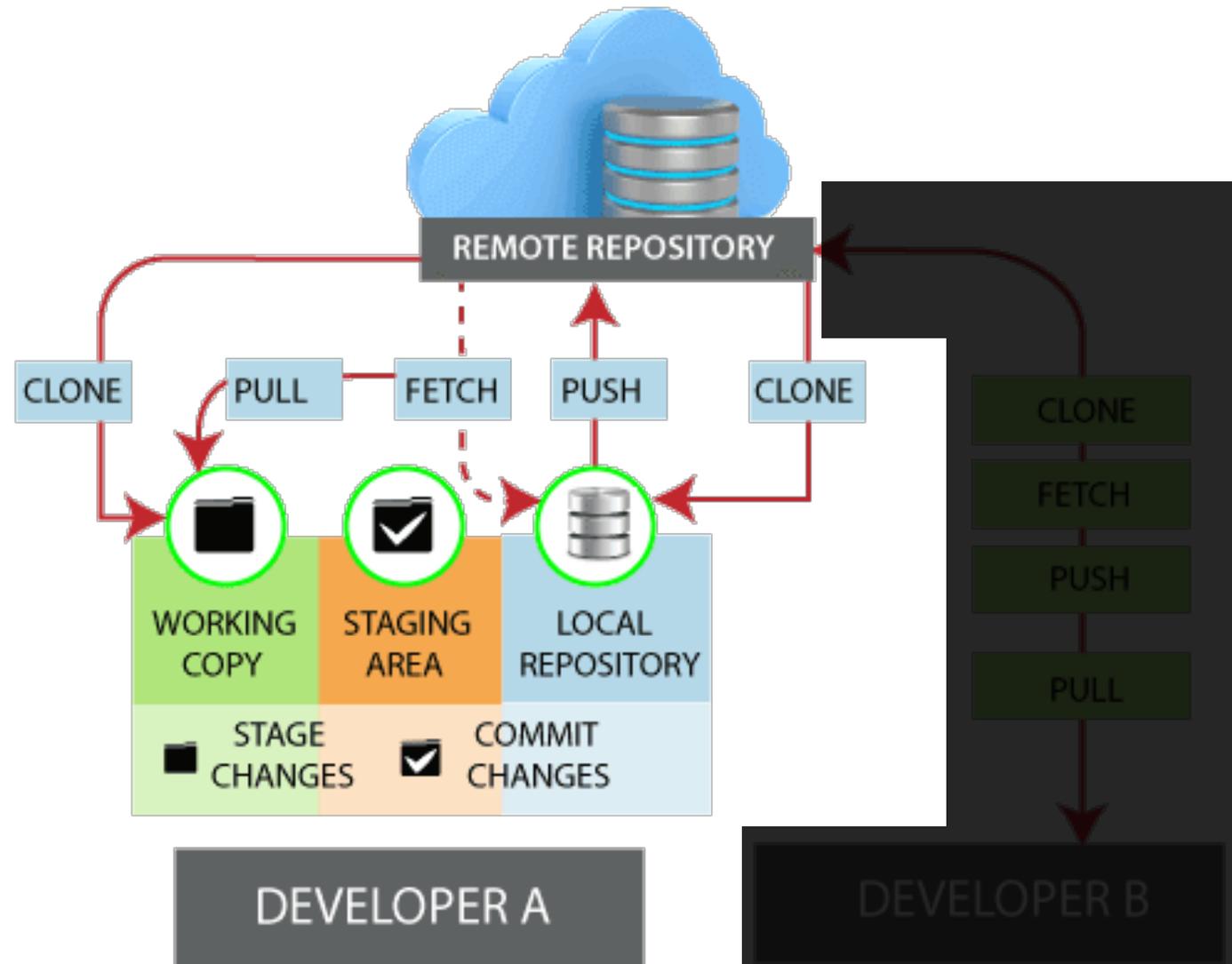
6 ■■■■■ README.md 📄 <> 📄 ⋮

...	...	@@ -1,5 +1,7 @@
1	1	# ohbm-git-example-sbollmann
2	2	
3		- It's very easy to make some words bold and other words <i>italic</i> with Markdown. You can even [link to Google!] (http://google.com)
	3	+ It's very easy to make some words bold and other words <i>italic</i> with Markdown.
4	4	
5		- Let's make some changes in visual studio code.
	5	+ Let's make some changes in visual studio code.
	6	+
	7	+ This is getting too crowded - I need to delete some unnecessary stuff.

Summary

Git commands

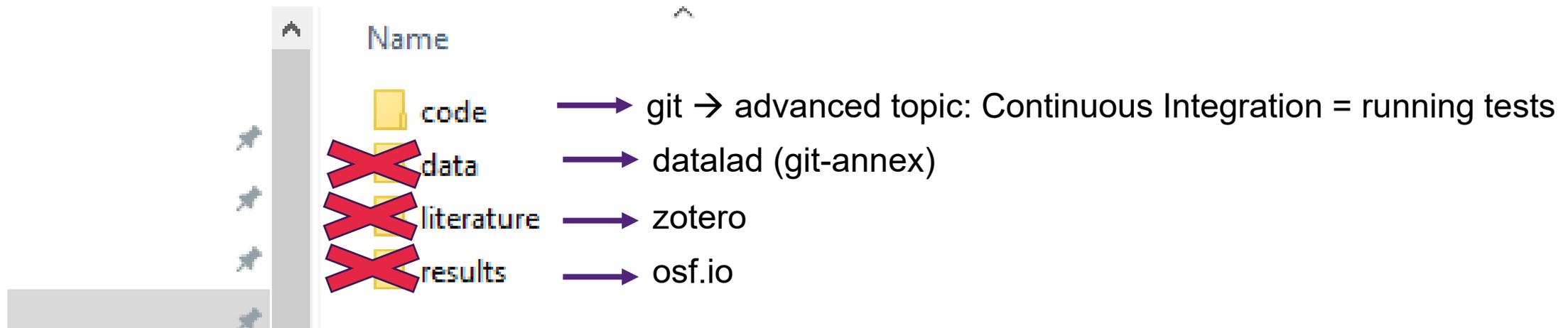
- git fetch = update a local repository to the state of a remote
- git pull = git fetch + merge
→ incorporate changes from a remote repository into the current branch



<https://www.javatpoint.com/git-remote>

Never commit large files to git!

SaskiasAwesomeProject



1) Using code from
github.com

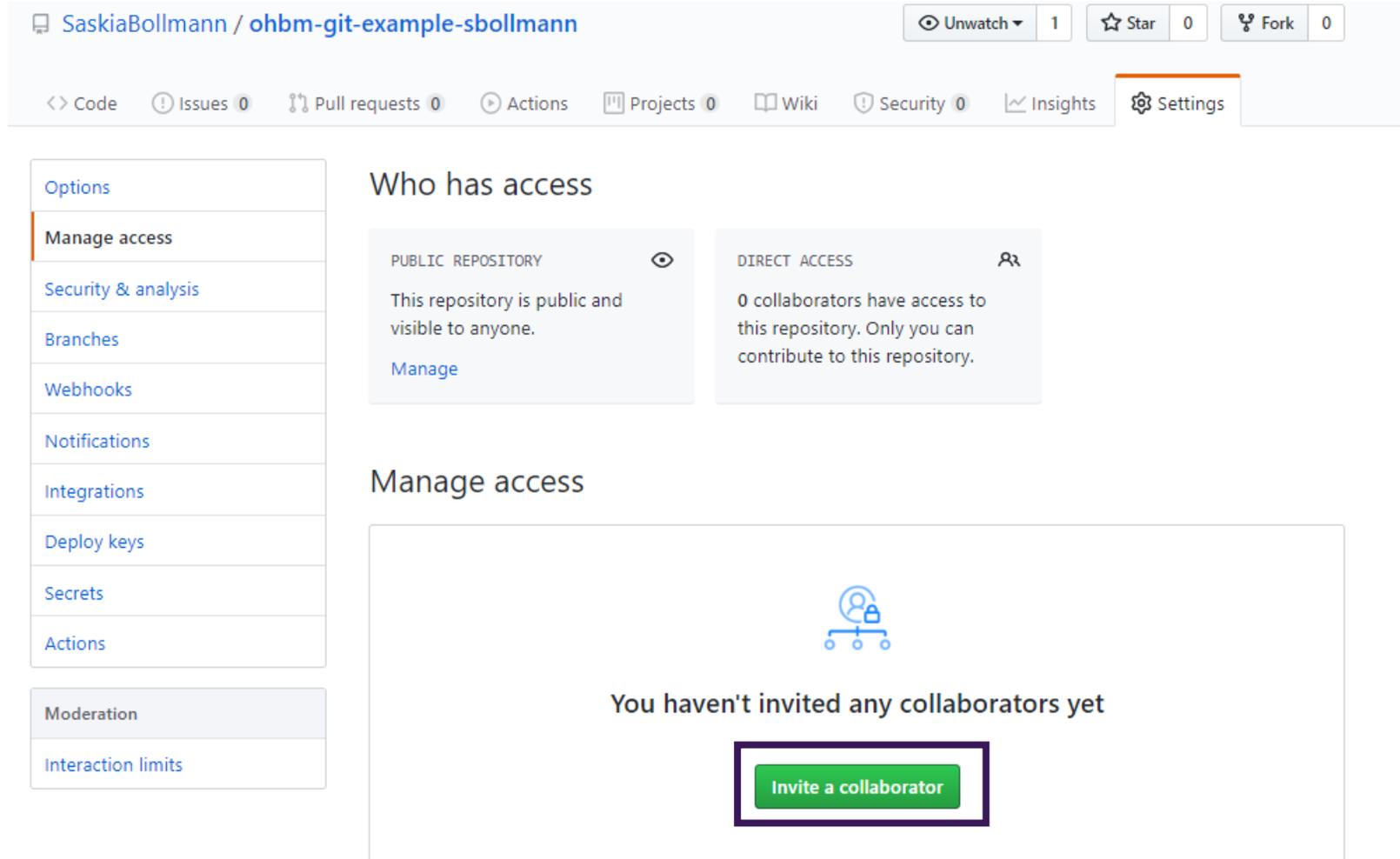
2) Version Control
for your project

Use Cases

3) Adding someone
to your project

4) Contributing to
a project

Adding a collaborator



SaskiaBollmann / ohbm-git-example-sbollmann

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Actions Projects 0 Wiki Security 0 Insights Settings

Options

- Manage access
- Security & analysis
- Branches
- Webhooks
- Notifications
- Integrations
- Deploy keys
- Secrets
- Actions

Moderation

- Interaction limits

Who has access

PUBLIC REPOSITORY 

This repository is public and visible to anyone.

[Manage](#)

DIRECT ACCESS 

0 collaborators have access to this repository. Only you can contribute to this repository.

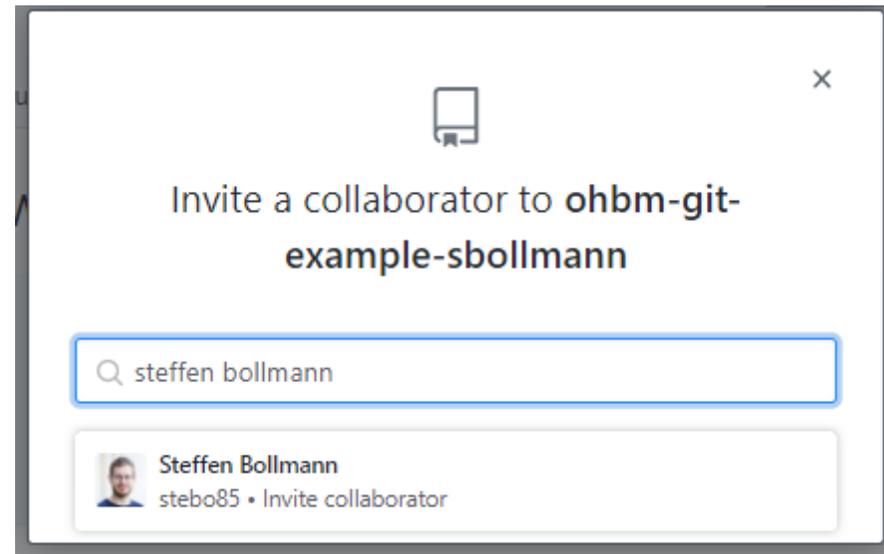
Manage access



You haven't invited any collaborators yet

[Invite a collaborator](#)

Adding a collaborator



Accepting the invitation

Inbox 37

Unread

Filter notifications

Select all

SaskiaBollmann/ohbm-git-example-sbollmann

-  Invitation to join SaskiaBollmann/ohbm-git-example-sbollmann from SaskiaBollmann

Accepting the invitation

You now have push access to the SaskiaBollmann/ohbm-git-example-sbollmann repository.

SaskiaBollmann / ohbm-git-example-sbollmann

[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#) [Insights](#)

Branch: master ▾

Find file

+ Add file ▾

Clone ▾



SaskiaBollmann committed c6b556d 43 minutes ago
Cleaning the code.

4
commits

1
branch

README.md

Cleaning the code.

43 minutes ago

README.md



ohbm-git-example-sbollmann

It's very easy to make some words **bold** and other words *italic* with Markdown.

Let's make some changes in visual studio code.

This is getting too crowded - I need to delete some unnecessary stuff.

Git on Linux

```
(base) uqsbollm@cai-wks3:~$ git
usage: git [--version] [--help] [-C <path>] [-c name=value]
         [--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]
         [-p | --paginate | --no-pager] [--no-replace-objects] [--bare]
         [--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]
         <command> [<args>]
```

Clone the repository

```
(base) uqsbollm@cai-wks3:~$ git clone git@github.com:SaskiaBollmann/ohbm-git-example-sbollmann.git
Cloning into 'ohbm-git-example-sbollmann'...
remote: Enumerating objects: 12, done.
remote: Counting objects: 100% (12/12), done.
remote: Compressing objects: 100% (5/5), done.
remote: Total 12 (delta 2), reused 10 (delta 2), pack-reused 0
Receiving objects: 100% (12/12), done.
Resolving deltas: 100% (2/2), done.
Checking connectivity... done.
```

Creating a new branch for testing

The screenshot shows a GitHub repository page for 'ohbm-git-example-sbollmann'. At the top, there is a dropdown menu for the current branch, set to 'master'. To the right are buttons for 'Find file', 'Add file', and 'Clone'. Below these is a 'Switch branches/tags' dropdown menu. The 'testing-fancy-feature' branch is selected in the search input. Below the search input are tabs for 'Branches' and 'Tags'. A modal dialog is open, showing the option to 'Create branch: testing-fancy-feature from 'master'', which is highlighted with a red box. Below the modal, the repository name 'ohbm-git-example-sbollmann' is displayed, followed by a description: 'It's very easy to make some words **bold** and other words *italic* with Markdown. Let's make some changes in visual studio code. This is getting too crowded - I need to delete some unnecessary stuff.'

[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#) [Insights](#)

Branch: master ▾

[Find file](#)

[+ Add file ▾](#)

[Clone ▾](#)



SaskiaBollmann committed 9ce8f4d 2 days ago
Merge pull request #1 from SaskiaBollmann/testing-fancy-feature ...

[6](#)
commits

[2](#)
branches

[README.md](#)

new feature implemented and tested

2 days ago

Overview	Yours	Active	Stale	All branches
-----------------	-------	--------	-------	--------------

Default branch

<code>master</code> Updated 2 days ago by SaskiaBollmann	Default
--	----------------

Your branches

<code>testing-fancy-feature</code> Updated 2 days ago by stebo85	1 0
--	-------

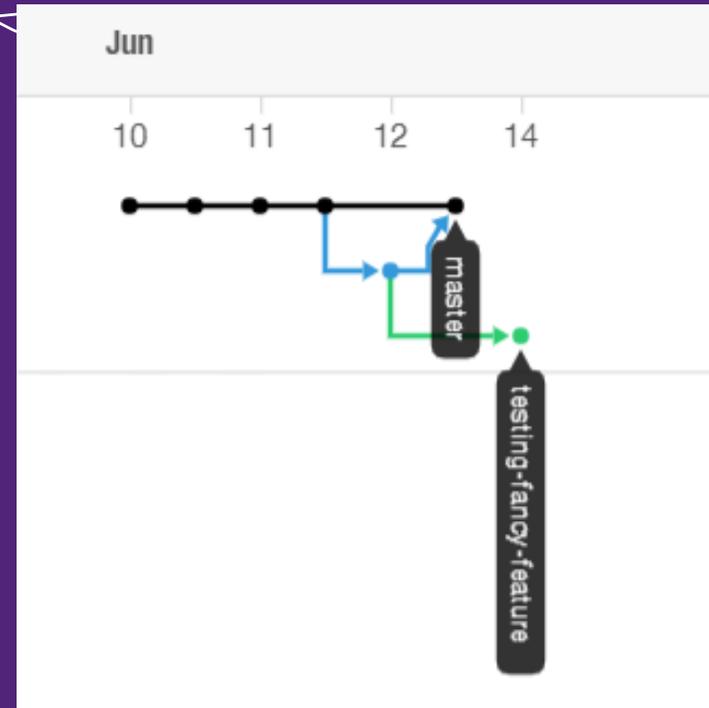
What is a branch?

Master = main branch
-> stable code

all other branches =
testing or bug fixes

Remote 1:
Origin

<https://github.com/SaskiaBollmann/ohbm-git-example-sbollmann>



Pulse

Contributors

Community

Traffic

Commits

Code frequency

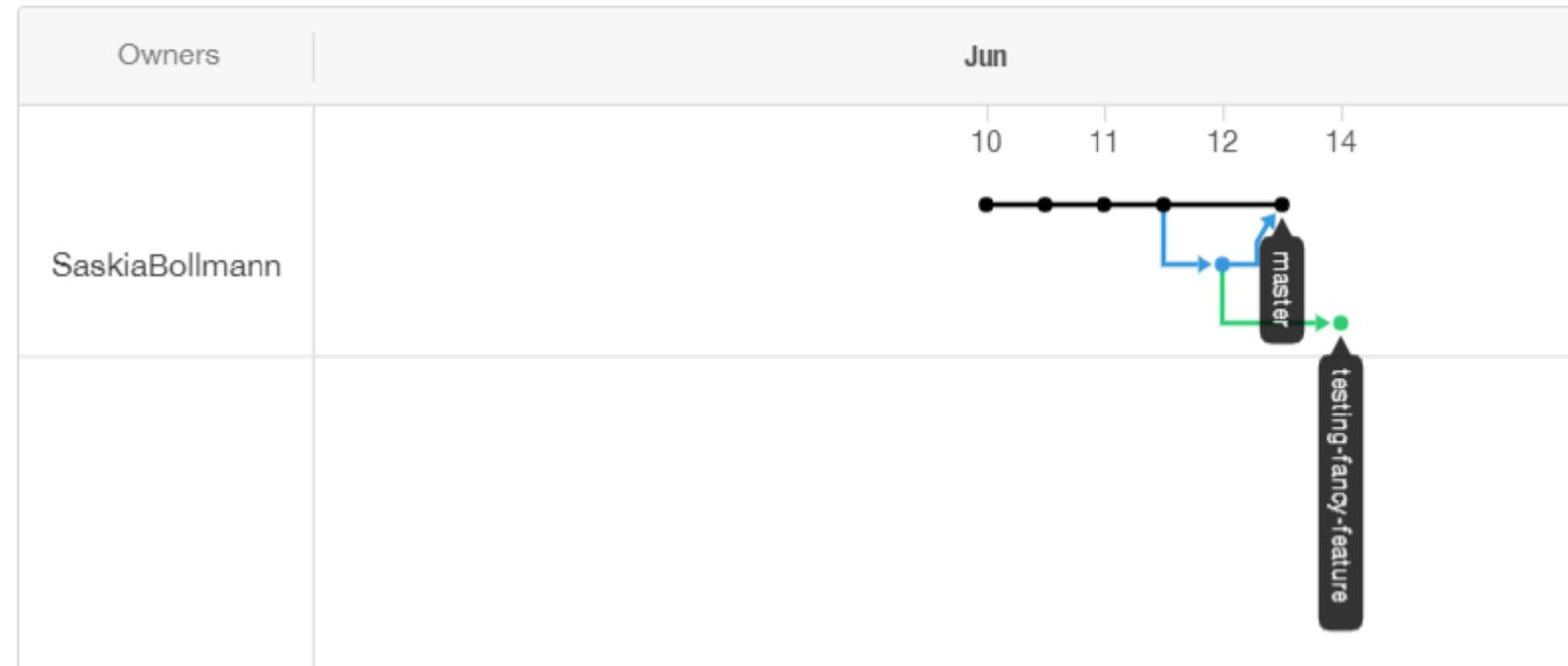
Dependency graph

Network

Forks

Network graph

Timeline of the most recent commits to this repository and its network ordered by most recently pushed



Switching to new branch

```
(base) uqsbollm@cai-wks3:~/ohbm-git-example-sbollmann$ git pull
From github.com:SaskiaBollmann/ohbm-git-example-sbollmann
* [new branch]      testing-fancy-feature -> origin/testing-fancy-feature
Already up-to-date.
```

```
(base) uqsbollm@cai-wks3:~/ohbm-git-example-sbollmann$ git checkout testing-fancy-feature
Branch testing-fancy-feature set up to track remote branch testing-fancy-feature
from origin.
Switched to a new branch 'testing-fancy-feature'
```

Adding a new feature

```
uqsbollm@cai-wks3:~/ohbm-git-example-sbollmann$ vi README.md
```

```
# ohbm-git-example-sbollmann
```

```
It's very easy to make some words **bold** and other words *italic* with Markdown.
```

```
new feature: What do you think about this?
```

```
(base) uqsbollm@cai-wks3:~/ohbm-git-example-sbollmann$ git status
```

```
On branch testing-fancy-feature
```

```
Your branch is up-to-date with 'origin/testing-fancy-feature'.
```

```
Changes not staged for commit:
```

```
  (use "git add <file>..." to update what will be committed)
```

```
  (use "git checkout -- <file>..." to discard changes in working directory)
```

```
    modified:   README.md
```

```
(base) uqsbollm@cai-wks3:~/ohbm-git-example-sbollmann$ git commit -am 'added new feature'  
[testing-fancy-feature 46ddf5d] added new feature  
1 file changed, 4 insertions(+), 1 deletion(-)
```

Tweaking the new feature

```
uqsbollm@cai-wks3:~/ohbm-git-example-sbollmann$ vi README.md
```

```
new feature: What do you think about this? Does this work?
```

```
(base) uqsbollm@cai-wks3:~/ohbm-git-example-sbollmann$ git commit -am 'tweaked new feature'  
[testing-fancy-feature 84766c2] tweaked new feature  
1 file changed, 1 insertion(+), 1 deletion(-)
```

How does the history look like?

```
(base) uqsbollm@cai-wks3:~/ohbm-git-example-sbollmann$ git log --oneline
84766c2 tweaked new feature
46ddf5d added new feature
c6b556d Cleaning the code.
8fa93bf First commit from VSC.
9823e83 Example how to use markdown to edit the README.md.
7cfb378 First commit.
```

Would be cool to combine these two into one commit
to make the history easier to understand

Cleaning up history by squashing commits

```
(base) uqsbollm@cai-wks3:~/ohbm-git-example-sbollmann$ git reset --soft c6b556d
(base) uqsbollm@cai-wks3:~/ohbm-git-example-sbollmann$ git log --oneline
c6b556d Cleaning the code.
8fa93bf First commit from VSC.
9823e83 Example how to use markdown to edit the README.md.
7cfb378 First commit.
```

```
(base) uqsbollm@cai-wks3:~/ohbm-git-example-sbollmann$ git status
On branch testing-fancy-feature
Your branch is up-to-date with 'origin/testing-fancy-feature'.
Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

    modified:   README.md
```

Cleaning up history by squashing commits

```
(base) uqsbollm@cai-wks3:~/ohbm-git-example-sbollmann$ git commit -am 'new feature implemented and tested'  
[testing-fancy-feature dddc2fd] new feature implemented and tested  
1 file changed, 4 insertions(+), 1 deletion(-)
```

```
(base) uqsbollm@cai-wks3:~/ohbm-git-example-sbollmann$ git log --oneline  
dddc2fd new feature implemented and tested  
c6b556d Cleaning the code.  
8fa93bf First commit from VSC.  
9823e83 Example how to use markdown to edit the README.md.  
7cfb378 First commit.
```

Is the history really changed?

No – only the “log” history! Git will always keep track of everything we did – and so even changing history is documented in the “reflog”

```
(base) uqsbollm@cai-wks3:~/ohbm-git-example-sbollmann$ git reflog
dddc2fd HEAD@{0}: commit: new feature implemented and tested
c6b556d HEAD@{1}: reset: moving to c6b556d
84766c2 HEAD@{2}: commit: tweaked new feature
46ddf5d HEAD@{3}: commit: added new feature
c6b556d HEAD@{4}: checkout: moving from master to testing-fancy-feature
c6b556d HEAD@{5}: clone: from git@github.com:SaskiaBollmann/ohbm-git-example-sbollmann.git
```

Pushing new feature branch to origin

```
(base) uqsbollm@cai-wks3:~/ohbm-git-example-sbollmann$ git status
On branch testing-fancy-feature
Your branch is ahead of 'origin/testing-fancy-feature' by 1 commit.
  (use "git push" to publish your local commits)
nothing to commit, working directory clean
```

```
(base) uqsbollm@cai-wks3:~/ohbm-git-example-sbollmann$ git push
Counting objects: 3, done.
Delta compression using up to 56 threads.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 338 bytes | 0 bytes/s, done.
Total 3 (delta 1), reused 0 (delta 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To git@github.com:SaskiaBollmann/ohbm-git-example-sbollmann.git
   c6b556d..dddc2fd  testing-fancy-feature -> testing-fancy-feature
```

Ready to merge?

🔗 testing-fancy-feature had recent pushes 2 minutes ago

[Compare & pull request >](#)

Branch: master ▾

🔍 Find file

+ Add file ▾

📄 Clone ▾



SaskiaBollmann committed c6b556d 22 hours ago
Cleaning the code.

🕒 4
commits

🔗 2
branches

📄 README.md

Cleaning the code.

22 hours ago

Ready to merge?

Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).

base: master ← compare: testing-fancy-feature ✓ **Able to merge.** These branches can be automatically merged.

 new feature implemented and tested

Write Preview

H B I         

I added a new feature.

Attach files by dragging & dropping, selecting or pasting them. 

Create pull request

Ready to merge!

new feature implemented and tested #1

 stebo85 wants to merge 1 commit into `master` from `testing-fancy-feature` 

 Conversation 0

 Commits 1

 Checks 0

 Files changed 1



stebo85 commented now

Collaborator



I added a new feature.

  new feature implemented and tested

dddc2fd

Add more commits by pushing to the **testing-fancy-feature** branch on [SaskiaBollmann/ohbm-git-example-sbollmann](#).



 **This branch has no conflicts with the base branch**

Merging can be performed automatically.

Merge pull request 

You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

Everyone in the project can accept the merge.

The screenshot shows the GitHub interface for the repository 'SaskiaBollmann / ohbm-git-example-sbollmann'. At the top, there are navigation buttons for 'Code', 'Issues 0', 'Pull requests 1', 'Actions', 'Projects 0', 'Wiki', 'Security 0', 'Insights', and 'Settings'. On the right, there are buttons for 'Unwatch 2', 'Star 0', and 'Fork 0'. A notification banner reads: 'Label issues and pull requests for new contributors. Now, GitHub will help potential first-time contributors discover issues labeled with good first issue'. Below this, there is a search bar with filters set to 'is:pr is:open', buttons for 'Labels 9' and 'Milestones 0', and a green 'New pull request' button. The pull request list shows 1 open pull request: 'new feature implemented and tested' by user 'stebo85', opened 1 minute ago.

SaskiaBollmann / ohbm-git-example-sbollmann

Unwatch 2 Star 0 Fork 0

Code Issues 0 Pull requests 1 Actions Projects 0 Wiki Security 0 Insights Settings

Label issues and pull requests for new contributors [Dismiss](#)

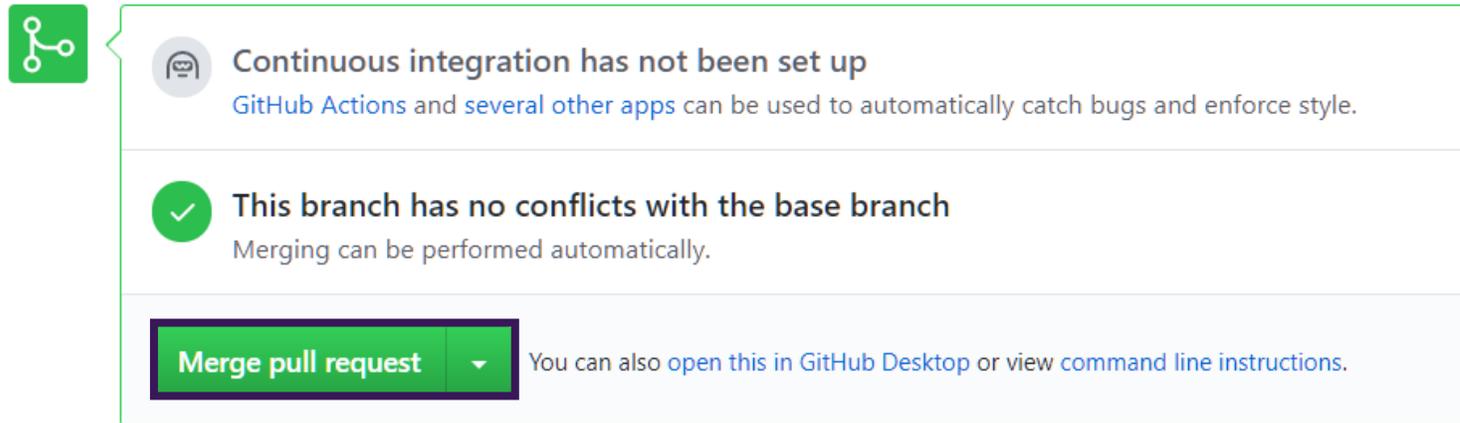
Now, GitHub will help potential first-time contributors [discover issues](#) labeled with [good first issue](#)

Filters is:pr is:open Labels 9 Milestones 0 [New pull request](#)

1 Open ✓ 0 Closed Author Label Projects Milestones Reviews Assignee Sort

new feature implemented and tested
#1 opened 1 minute ago by stebo85

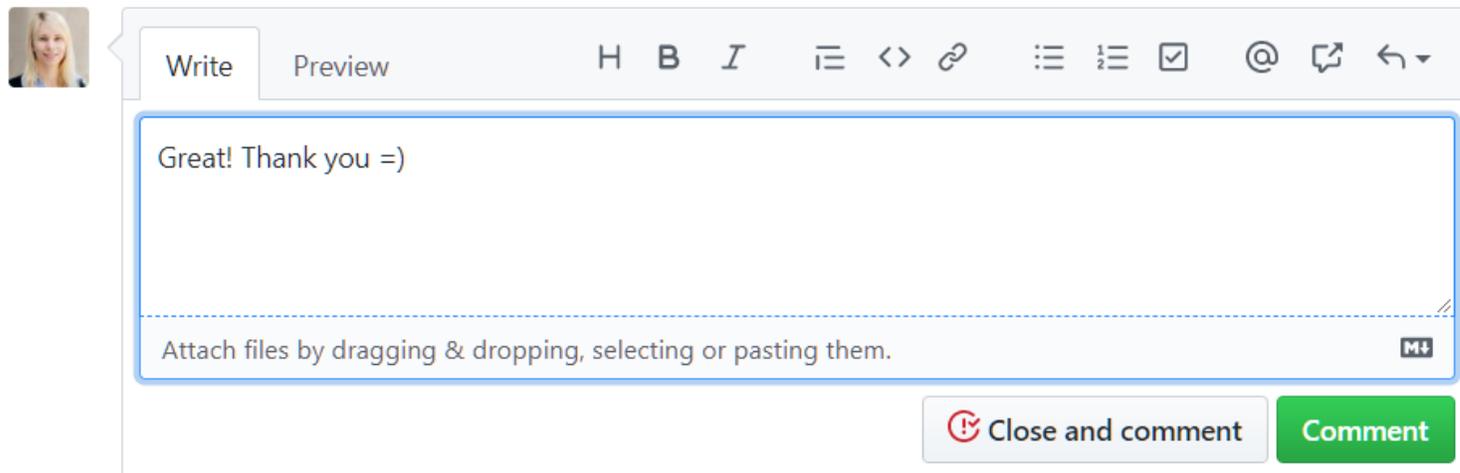
Everyone in the project can accept the merge.



 **Continuous integration has not been set up**
GitHub Actions and several other apps can be used to automatically catch bugs and enforce style.

 **This branch has no conflicts with the base branch**
Merging can be performed automatically.

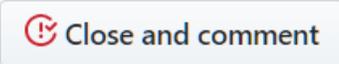
Merge pull request  You can also [open this in GitHub Desktop](#) or view [command line instructions](#).



 **Write** **Preview** **H** **B** *I*         

Great! Thank you =)

Attach files by dragging & dropping, selecting or pasting them. 

 **Comment**

Everyone in the project can accept the merge.

Add more commits by pushing to the **testing-fancy-feature** branch on SaskiaBollmann/ohbm-git-example-sbollmann.



Merge pull request #1 from SaskiaBollmann/testing-fancy-feature

new feature implemented and tested

Confirm merge

Cancel



Write

Preview

H B I

Great! Thank you =)

Attach files by dragging & dropping, selecting or pasting them.

Close and comment

Comment

Merge done



SaskiaBollmann commented now

Owner



Great! Thank you =)



Pull request successfully merged and closed

You're all set—the `testing-fancy-feature` branch can be safely deleted.

Delete branch

The new feature is now in the master branch + clean history

SaskiaBollmann / ohbm-git-example-sbollmann

Unwatch 2 Star 0 Fork 0

Code Issues 0 Pull requests 0 Actions Projects 0 Wiki Security 0 Insights Settings

Branch: master

Commits on Jun 12, 2020

- Merge pull request #1 from SaskiaBollmann/testing-fancy-feature
SaskiaBollmann committed 1 minute ago
- new feature implemented and tested
stebo85 committed 11 minutes ago

Commits on Jun 11, 2020

- Cleaning the code.
SaskiaBollmann committed 22 hours ago
- First commit from VSC.
SaskiaBollmann committed 22 hours ago

1) Using code from
github.com

2) Version Control
for your project

Use Cases

3) Adding someone
to your project

4) Contributing to
a project

ohbm / [hackathon2020](#)

Watch 9
 Star 10
 Fork 19

[Code](#)
Issues 22
 Pull requests 2
 Actions
 Projects 4
 Wiki
 Security 0
 Insights

Website for the 2020 OHBM Hackathon (Location: 3rd planet from the Sun) <https://ohbm.github.io/hackathon2020/>

607 commits
 4 branches
 0 packages
 0 releases
 20 contributors
 MIT

Branch: master ▾

New pull request

Create new file

Upload files

Find file

Clone or download ▾

- Remi-Gau Merge pull request #161 from adswa/project-156 ✓ Latest commit ba50baf 16 hours ago
- [.github](#) add config file in the right location 18 hours ago
- [_data](#) Merge pull request #161 from adswa/project-156 16 hours ago

Go to issue #64

ohbm / hackathon2020

Unwatch

11

Unstar

15

Fork

21

Code

Issues 28

Pull requests 1

Actions

Projects 4

Wiki

Security

Insights

Pinned issues

How to add your own image to the venue page

#64 opened on May 12 by Remi-Gau

Open

ohbm / hackathon2020

Unwatch 11

★ Unstar 15

🍴 Fork 21

<> Code

! Issues 28

🔗 Pull requests 1

▶ Actions

📁 Projects 4

📖 Wiki

🛡 Security

📄 Insights

How to a add your own image to the venue page #64

New issue

! Open

Remi-Gau opened this issue on May 12 · 0 comments



Remi-Gau commented on May 12 • edited ▾

Contributor



😊 So you want to contribute an image to the [venue page](#) of the OHBM 2020 brainhack. 😊

You will have to add file of your image to the `img/venue` folder and modify the file `_data/venue.yml`.

So here are the steps you need to do to make a pull request to do so. If you have never made a pull request, you could join the Git and GitHub session of the TrainTrack and then use this as an exercise to practice.

Assignees

No one assigned

Labels

None yet

Projects

None yet



Open

How to add your own image to the venue page #64

Remi-Gau opened this issue on May 12 · 0 comments

1. Find a image you want to add

If you don't have one, you can search some freely available images on [unsplash](#).

2. Fork the hackathon2020 repository to create a copy of it your github account

You can find more information about forking [here](#)

3. Clone the repository from your github account to your computer

```
git clone https://github.com/_YOUR_GITHUB_USERNAME_/OHBM_hackathon2020.git
```

4. Create a new branch where you want to add your image, and switch to that branch

```
git branch YOUR_NAME-venue_page_img  
git checkout YOUR_NAME-venue_page_img
```

5. Add the image file

Put a copy of your image in the `img/venue` folder and rename it with your github username liek so `GITHUB_USERNAME.jpg` .

Milestone

No milestone

Linked pull requests

Successfully merging a pull request may close this issue.

None yet

Notifications

[Customize](#)

 Unsubscribe

You're receiving notifications because you're watching this repository.

1 participant



ohbm / hackathon2020

Unwatch 11

Unstar 15

Fork 21

Code

Issues 28

Pull requests 1

Actions

Projects 4

Wiki

Security

Insights

How to a add your own image to the venue page #64

New issue

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Assignees

No one assigned

Labels

None yet

Projects

None yet

Fork the project 😊

ohbm / **hackathon2020** Unwatch 11 Unstar 15 **Fork** 21

Code Issues 28 Pull requests 1 Actions Projects 4 Wiki Security Insights

Branch: master ▾ Find file Add file ▾ **Clone ▾**

	llevitis committed 4836fc6 1 hour ago updating image for confounds project ✓	🕒 635 commits	🌿 5 branches
📁 .github	add config file in the right location		2 days ago
📁 _data	updating image for confounds project		1 hour ago
📁 _includes	undo sold out		2 days ago
📁 _layouts	Add intermediate page to select hub schedule		8 days ago

About

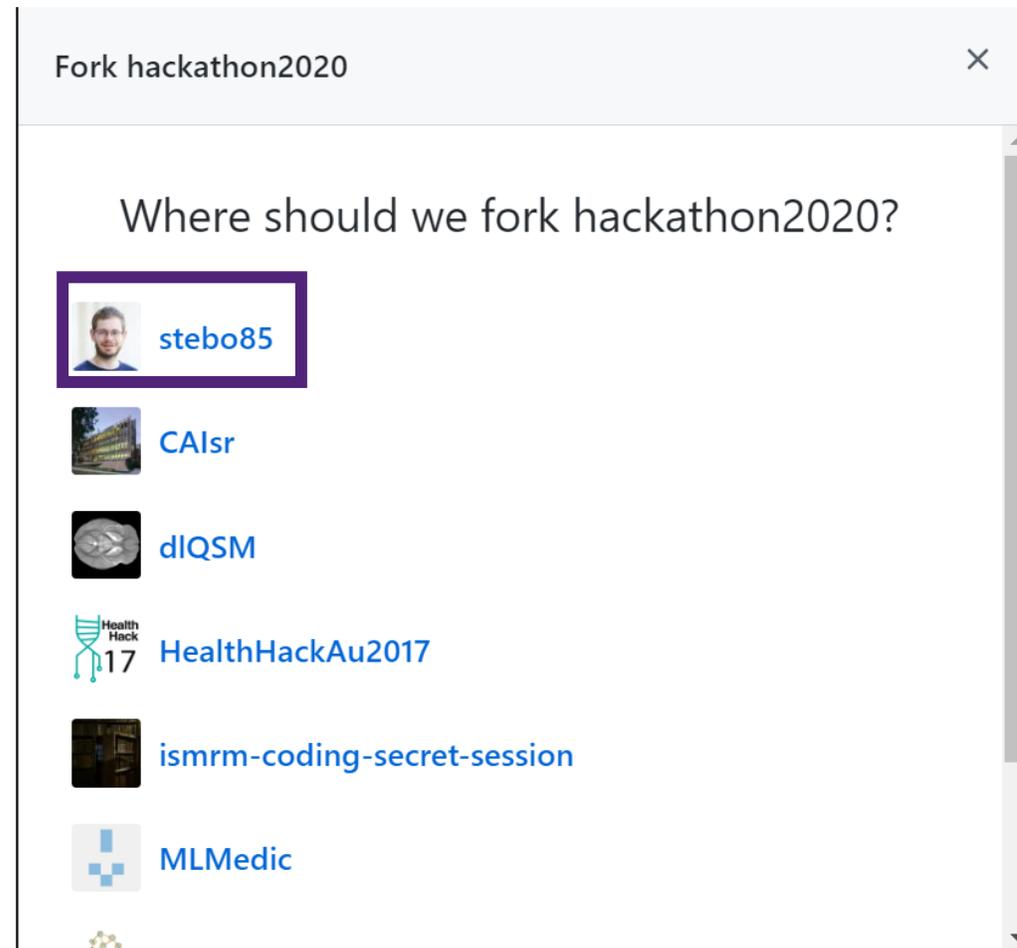
Website for the 2020 OHBM Hackathon (Location: 3rd planet from the Sun)

ohbm.github.io/hackathon...

📖 [Readme](#)

📄 [MIT License](#)

Choose where to store the fork



Forking ohbm/hackathon2020

It should only take a few seconds.

 Refresh





Open

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```
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```

4. Create a new branch where you want to add your image, and switch to that branch

```
git branch YOUR_NAME-venue_page_img  
git checkout YOUR_NAME-venue_page_img
```

5. Add the image file

Put a copy of your image in the `img/venue` folder and rename it with your github username like so `GITHUB_USERNAME.jpg`.

Milestone

No milestone

Linked pull requests

Successfully merging a pull request may close this issue.

None yet

Notifications

[Customize](#)

 Unsubscribe

You're receiving notifications because you're watching this repository.

1 participant



stebo85 / hackathon2020

Watch 0

Star 0

Fork 21

forked from [ohbm/hackathon2020](#)

Code

Pull requests

Actions

Projects

Wiki

Security

Insights

Settings

Branch: master

Find file

Add file

Clone

This branch is even with ohbm:master.



llevitis committed 4836fc6 1 hour ago
updating image for confounds project

.github

add config file in the

_data

updating image for confounds project

1 hour ago

_includes

undo sold out

2 days ago

Clone with SSH

[Use HTTPS](#)

Use a password protected SSH key.

`git@github.com:stebo85/hackathon2020.git`



Open in Desktop

Download ZIP

About



Website for the 2020 OHBM Hackathon (Location: 3rd planet from the Sun)

[ohbm.github.io/hackathon...](#)

Readme

MIT License

Releases

```
uqsbo11m@CAI-KAPUTAR MINGW64 /c/GitHub/ohbm
$ git clone git@github.com:stebo85/hackathon2020.git
Cloning into 'hackathon2020'...
remote: Enumerating objects: 3940, done.
remote: Total 3940 (delta 0), reused 0 (delta 0), pack-reused 3940
Receiving objects: 100% (3940/3940), 121.99 MiB | 478.00 KiB/s, done.
Resolving deltas: 100% (1919/1919), done.
Updating files: 100% (813/813), done.
```

```
uqsbo11m@CAI-KAPUTAR MINGW64 /c/GitHub/ohbm
$ cd hackathon2020/

uqsbo11m@CAI-KAPUTAR MINGW64 /c/GitHub/ohbm/hackathon2020 (master)
$ git branch Steffen_Bollmann-venue_page_img

uqsbo11m@CAI-KAPUTAR MINGW64 /c/GitHub/ohbm/hackathon2020 (master)
$ git checkout Steffen_Bollmann-venue_page_img
Switched to branch 'Steffen_Bollmann-venue_page_img'

uqsbo11m@CAI-KAPUTAR MINGW64 /c/GitHub/ohbm/hackathon2020 (Steffen_Bollmann-venue_page_img)
$ |
```



Open

How to add your own image to the venue page #64

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```
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```

4. Create a new branch where you want to add your image, and switch to that branch

```
git branch YOUR_NAME-venue_page_img  
git checkout YOUR_NAME-venue_page_img
```

5. Add the image file

Put a copy of your image in the `img/venue` folder and rename it with your github username like so `GITHUB_USERNAME.jpg`.

Milestone

No milestone

Linked pull requests

Successfully merging a pull request may close this issue.

None yet

Notifications

[Customize](#)

 Unsubscribe

You're receiving notifications because you're watching this repository.

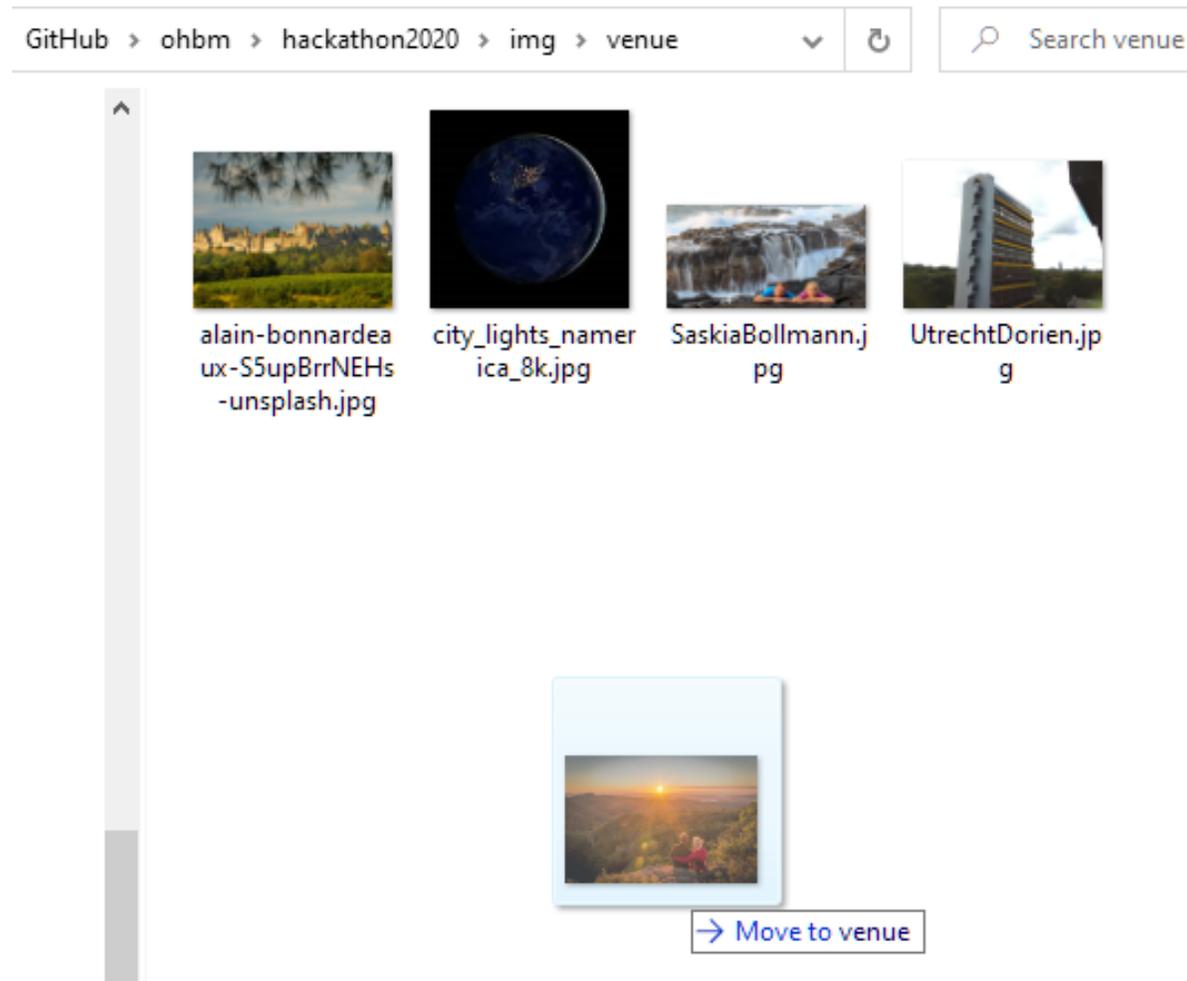
1 participant



Copy (small!!!) image to /img/venue

GitHub > ohbm > hackathon2020 > img > venue

Search venue



The screenshot shows a GitHub repository directory view for the path 'venue'. At the top, there is a breadcrumb trail: 'GitHub > ohbm > hackathon2020 > img > venue'. To the right of the breadcrumb is a search bar with the text 'Search venue'. Below the breadcrumb, there is a vertical scrollbar on the left. The main content area displays four image thumbnails with their respective filenames: 'alain-bonnaardeaux-S5upBrrNEHs-unsplash.jpg', 'city_lights_namerica_8k.jpg', 'SaskiaBollmann.jpg', and 'UtrechtDorien.jpg'. At the bottom center, a larger image thumbnail is shown with a light blue border, and a button labeled '→ Move to venue' is positioned directly below it.

alain-bonnaardeaux-S5upBrrNEHs-unsplash.jpg

city_lights_namerica_8k.jpg

SaskiaBollmann.jpg

UtrechtDorien.jpg

→ Move to venue

6. Modify the `_data/venue.yml`

You can simply add the following code to the top of the file and replace the YOUR NAME and IMAGE_FILENAME with the appropriate values.

```
-  
  name: "YOUR NAME"  
  image: IMAGE_FILENAME
```

7. Add and then commit all the changes you have made

```
git add --all  
git commit -m 'adding image to venue page'
```

8. Update your github repository by pushing to it the changes made on the repository on your computer

```
git push
```

Right-click on background to Open Folder with VS Code

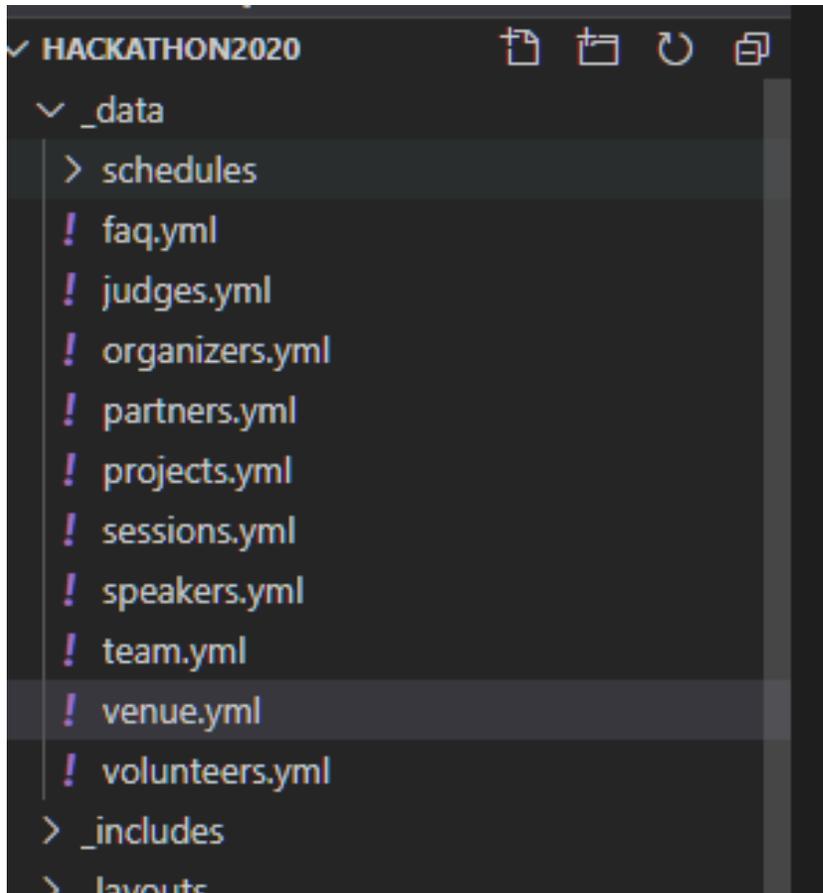
The screenshot shows a file explorer window with the path 'GitHub > ohbm > hackathon2020'. The search bar contains 'Search hackathon2020'. The file list is as follows:

Name	Date modified	Type	Size
.git	12/06/2020 1:55 PM	File folder	
.github	12/06/2020 1:53 PM	File folder	
_data	12/06/2020 1:53 PM	File folder	
_includes	12/06/2020 1:53 PM	File folder	
_layouts	12/06/2020 1:53 PM	File folder	
_plugins	12/06/2020 1:53 PM	File folder	
_posts	12/06/2020 1:53 PM	File folder	
_sass	12/06/2020 1:53 PM	File folder	
css	12/06/2020 1:53 PM	File folder	
fonts	12/06/2020 1:53 PM	File folder	
img	12/06/2020 1:53 PM	File folder	
js			
resources			
schedule			
.all-contributorsrc			
.gitignore			
.travis.yml			
_config.yml			
blog.html			
code_of_conduct.md			
contact.html			
FAQ.html			
feed.xml			
Gemfile			
Gemfile.lock			
hackathon.html			

The right-click context menu is open, showing the following options:

- View >
- Sort by >
- Group by >
- Refresh
- Customize this folder...
- Paste
- Paste shortcut
- Undo Rename Ctrl+Z
- Open with Atom
- Git Bash Here
- Open Folder as PyCharm Project
- Open with Code (highlighted with a purple box)

Add your name and image to `_data/venue.yml`



```
! venue.yml ●
_data > ! venue.yml
1 -
2   name: "Remi Gau"
3   image: alain-bonnardeaux-S5upBrrNEHs-unsplash.jpg
4   url: https://unsplash.com/photos/S5upBrrNEHs
5 -
6   name: "Dorien Huijser"
7   image: UtrechtDorien.jpg
8 -
9   name: "Saskia and Steffen Bollmann"
10  image: SaskiaBollmann.jpg
11  -
12  name: "Steffen and Saskia Bollmann"
13  image: Stebo85.jpg
14
```

6. Modify the `_data/venue.yml`

You can simply add the following code to the top of the file and replace the YOUR NAME and IMAGE_FILENAME with the appropriate values.

```
-  
  name: "YOUR NAME"  
  image: IMAGE_FILENAME
```

7. Add and then commit all the changes you have made

```
git add --all  
git commit -m 'adding image to venue page'
```

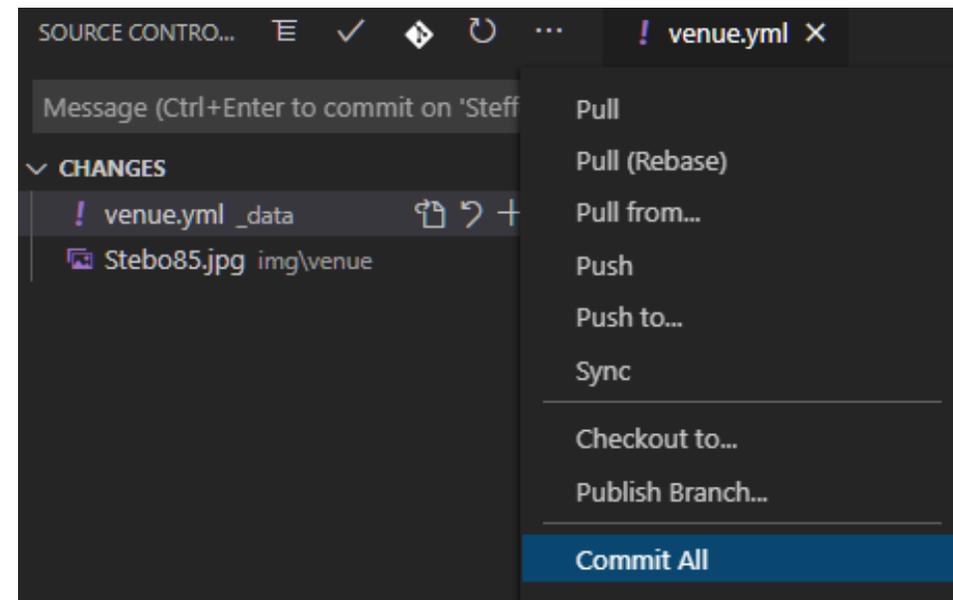
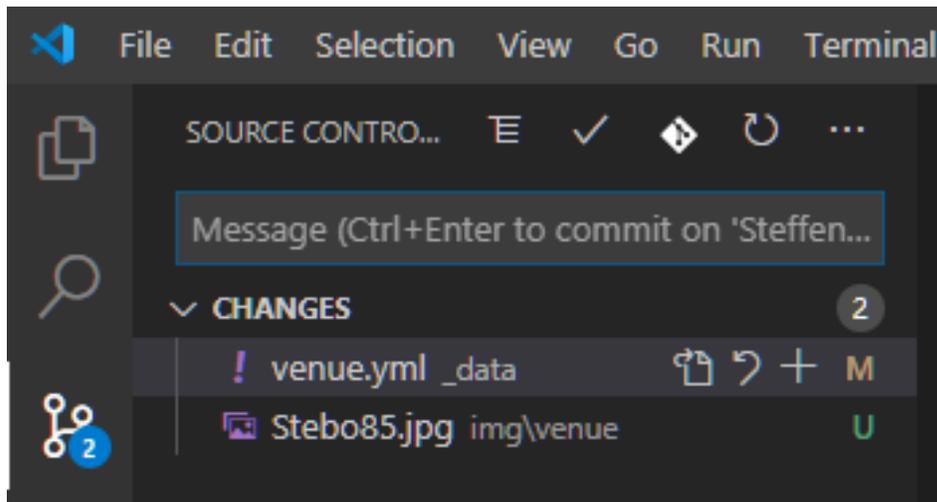
8. Update your github repository by pushing to it the changes made on the repository on your computer

```
git push
```

```
uqsbo11m@CAI-KAPUTAR MINGW64 /c/GitHub/ohbm/hackathon2020 (Steffen_Bollm
$ git status
On branch Steffen_Bollmann-venue_page_img
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   _data/venue.yml

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        img/venue/Stebo85.jpg

no changes added to commit (use "git add" and/or "git commit -a")
```



```
uqsbo11m@CAI-KAPUTAR MINGW64 /c/GitHub/ohbm/hackathon2020 (Steffen_Bollmann-venue_
page_img)
$ git add --all

uqsbo11m@CAI-KAPUTAR MINGW64 /c/GitHub/ohbm/hackathon2020 (Steffen_Bollmann-venue_
page_img)
$ git commit -m "Stebo85 adds image to venue page."
[Steffen_Bollmann-venue_page_img 9a99296] Stebo85 adds image to venue page.
2 files changed, 3 insertions(+)
create mode 100644 img/venue/Stebo85.jpg
```

6. Modify the `_data/venue.yml`

You can simply add the following code to the top of the file and replace the YOUR NAME and IMAGE_FILENAME with the appropriate values.

```
-  
  name: "YOUR NAME"  
  image: IMAGE_FILENAME
```

7. Add and then commit all the changes you have made

```
git add --all  
git commit -m 'adding image to venue page'
```

8. Update your github repository by pushing to it the changes made on the repository on your computer

```
git push
```

```
uqsbo11m@CAI-KAPUTAR MINGW64 /c/GitHub/ohbm/hackathon2020 (Steffen_Bollmann-venue_
page_img)
$ git push
fatal: The current branch Steffen_Bollmann-venue_page_img has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin Steffen_Bollmann-venue_page_img
```

```
uqsbo11m@CAI-KAPUTAR MINGW64 /c/GitHub/ohbm/hackathon2020 (Steffen_Bollmann-venue_
page_img)
$ git push --set-upstream origin Steffen_Bollmann-venue_page_img
Enumerating objects: 12, done.
Counting objects: 100% (12/12), done.
Delta compression using up to 4 threads
Compressing objects: 100% (7/7), done.
Writing objects: 100% (7/7), 54.85 KiB | 585.00 KiB/s, done.
Total 7 (delta 5), reused 0 (delta 0), pack-reused 0
```

9. Open a pull request

Go and [open a pull request page](#) from the `hackathon2020` repository.

10. We (and the magic of automation) will take care of the rest. :-)

stebo85 / hackathon2020

Watch

forked from [ohbm/hackathon2020](#)

Code

Pull requests

Actions

Projects

Wiki

Security

Insights

Steffen_Bollmann-venue_page_img had recent pushes less than a minute ago

Compare & pull request

Branch: master

Find file

+ Add file

Clone

This branch is even with ohbm:master.

Pull request

Compare

Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).



base repository: ohbm/hackathon2020 ▼

base: master ▼



head repository: stebo85/hackathon2020 ▼

compare: Steffen_Bollmann-venue_page_... ▼

✓ **Able to merge.** These branches can be automatically merged.



Stebo85 adds image to venue page.

Write

Preview

H

B

I

≡

<>

🔗

☰

☰

☑

@

🗨️

↩️

▼

Dear Remi,

I have added another image as an example for the trainhack :)

Thanks for setting this up.

All the best,
Steffen&Saskia

Attach files by dragging & dropping, selecting or pasting them.

M+

Allow edits by maintainers ?

Create pull request ▼

Helpful resources

[Code of conduct](#)

[GitHub Community Guidelines](#)

± Showing 2 changed files with 3 additions and 0 deletions.

Unified Split

3 _data/venue.yml

...

↑

@@ -8,6 +8,9 @@

8	8	-
9	9	name: "Saskia and Steffen Bollmann"
10	10	image: SaskiaBollmann.jpg
11	+ -	
12	+ name:	"Steffen and Saskia Bollmann"
13	+ image:	Stebo85.jpg
11	14	
12	15	# -
13	16	# name: "Remi Gau"

↓

BIN +76.9 KB img/venue/Stebo85.jpg

<> ...

Binary file not shown.

9. Open a pull request

Go and [open a pull request page](#) from the `hackathon2020` repository.

10. We (and the magic of automation) will take care of the rest. :-)



Review required

At least 1 approving review is required by reviewers with write access. [Learn more.](#)



Some checks haven't completed yet

1 queued check

[Hide all checks](#)



Travis CI - Pull Request *Queued — Build Created*

[Details](#)



Merging is blocked

Merging can be performed automatically with 1 approving review.



Review required

At least 1 approving review is required by reviewers with write access. [Learn more.](#)



All checks have passed

1 successful check

[Show all checks](#)



Merging is blocked

Merging can be performed automatically with 1 approving review.



welcome bot commented 41 minutes ago



(Image: CC-BY license, The Turing Way Community, & Scriberia. Zenodo.

<http://doi.org/10.5281/zenodo.3332808>)

❤️ Thanks for opening this pull request! ❤️ We really appreciate your time and effort to contribute to the project. If you are trying to add your contribution to our [Venue page](#), please make sure you have read our [instructions](#) and have shared all relevant details in your pull request. The OHBM Brainhack webteam might be a bit busy right now but we will have a look at your suggestion very quickly.



welcome bot commented 20 seconds ago



(Image: CC-BY license, The Turing Way Community, & Scriberia. Zenodo.

<http://doi.org/10.5281/zenodo.3332808>)

Congrats on merging your first pull request! 🎉 We here at OHBM Brainhack team really appreciate your contribution! ❤️ Go ahead and share your your first merge with your colleagues, you got yourself this brag right! 😊 🎁

  Remi-Gau approved these changes 1 hour ago View changes

Remi-Gau left a comment Member  

Gorgeous picture to add to our venue page.

Thank you @stebo85

  Remi-Gau merged commit `1d534ce` into `ohbm:master` 1 hour ago View details Revert

1 check passed

 **Pull request successfully merged and closed** Delete branch

You're all set — the `stebo85:Steffen_Bollmann-ven...` branch can be safely deleted.

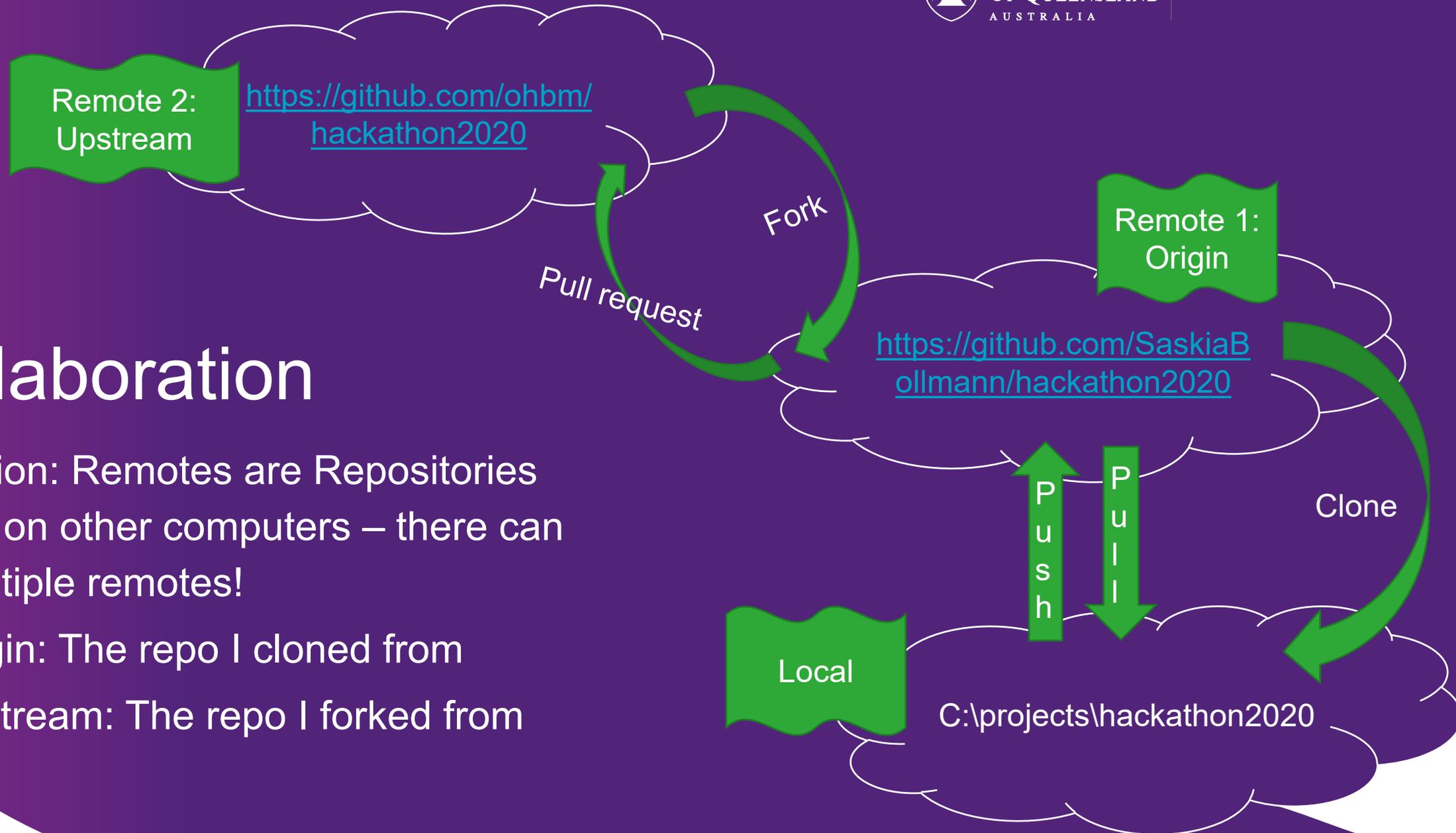
If you wish, you can also delete this fork of `ohbm/hackathon2020` in the [settings](#).

Collaboration

Definition: Remotes are Repositories stored on other computers – there can be multiple remotes!

-> Origin: The repo I cloned from

-> Upstream: The repo I forked from



Thank you!

Please try out what you learned
and post questions and
problems in the Q&A session,
so everyone can learn 😊

