git & github2

Intro to Git and Host your Project!

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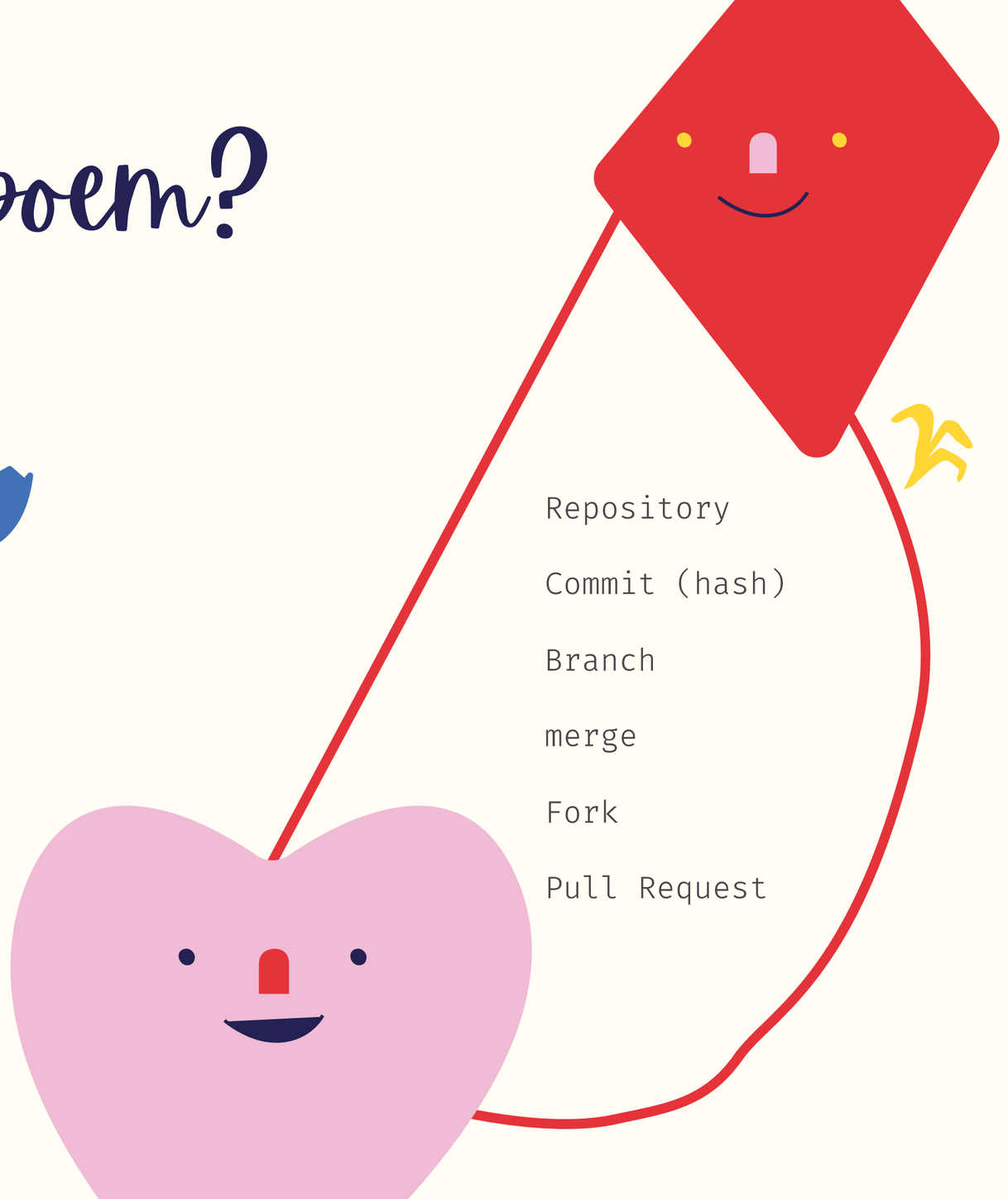
Have u written ur poem?

//What we have done

1- Intro to Git & Github

2- Branches

3- Forks and Pull Requests

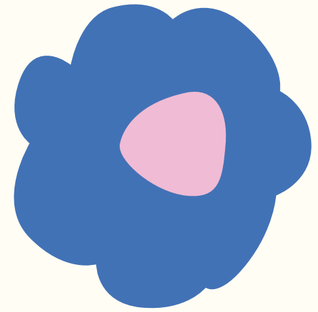


What we are going to do

Workshop 2: Use Git locally & Master the command lines

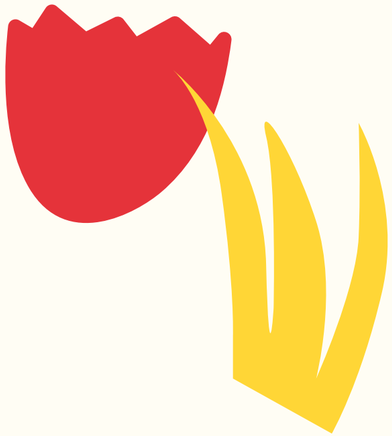
Learn how to use git locally on the computer with command lines. Understand different command lines. Host your MIMIC works on Github pages!

Intro to the Command Line



How to Use

- Mac: Terminal
- Windows: Download Git Bash:https://git-scm.com/downloads

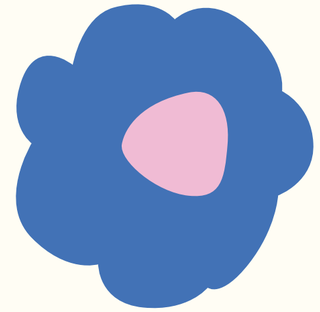


Common Commands (with file system)

- cd, pwd, ls, help, clear
- come tricks

Git cheatsheet here.

Intro to the Command Line



```
% cd
% pwd
% ls
% clear
% open .
```

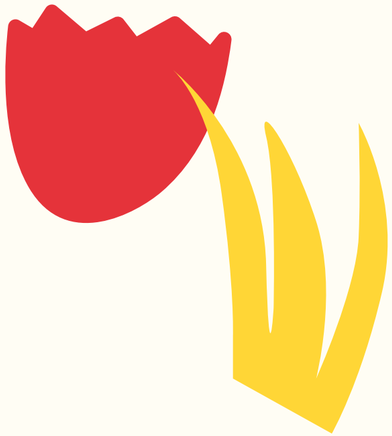
Some Tricks:

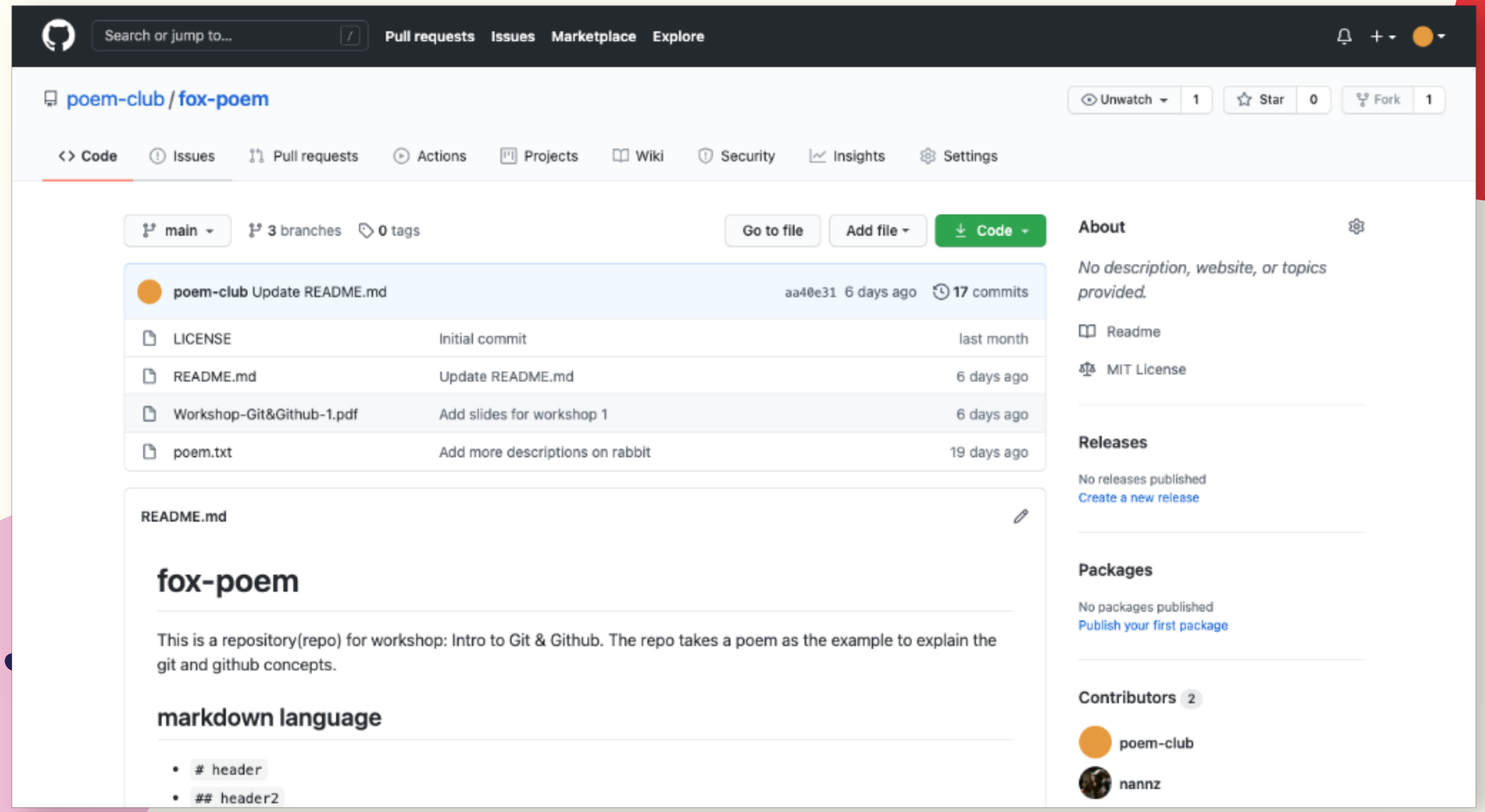
cd ..

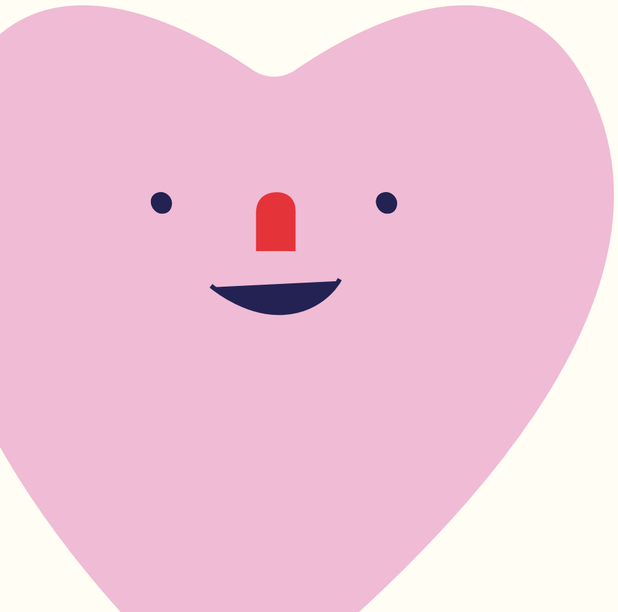
tab

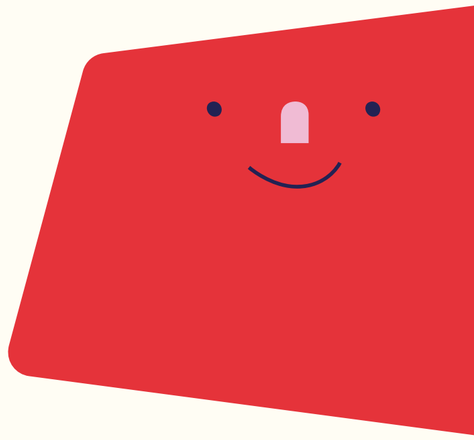
up-arrow

drag




Search or jump to...
Pull requests
Issues
Marketplace
Explore
poem-club / fox-poem
Unwatch 1
Star 0
Fork 1
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
main
3 branches
0 tags
Go to file
Add file
Code
poem-club Update README.md
aa40e31 6 days ago
17 commits
LICENSE Initial commit last month
README.md Update README.md 6 days ago
Workshop-Git&Github-1.pdf Add slides for workshop 1 6 days ago
poem.txt Add more descriptions on rabbit 19 days ago
README.md
fox-poem
This is a repository(repo) for workshop: Intro to Git & Github. The repo takes a poem as the example to explain the git and github concepts.
markdown language
header
header2
About
No description, website, or topics provided.
Readme
MIT License
Releases
No releases published
Create a new release
Packages
No packages published
Publish your first package
Contributors 2
poem-club
nannz





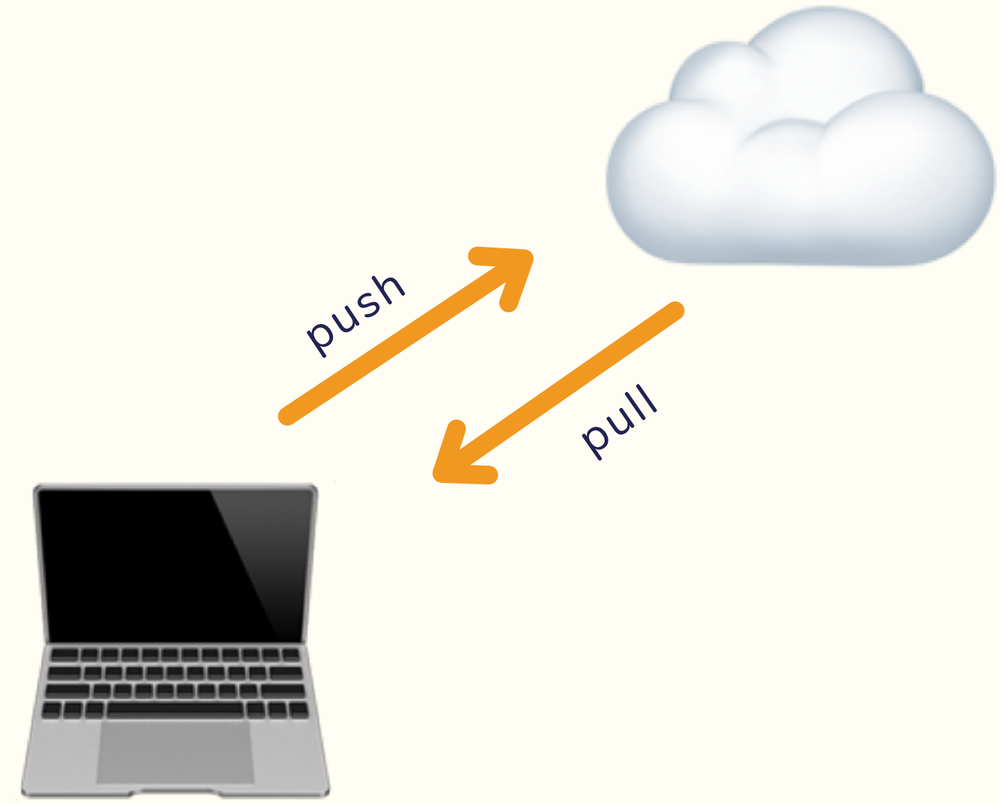
Git push & pull

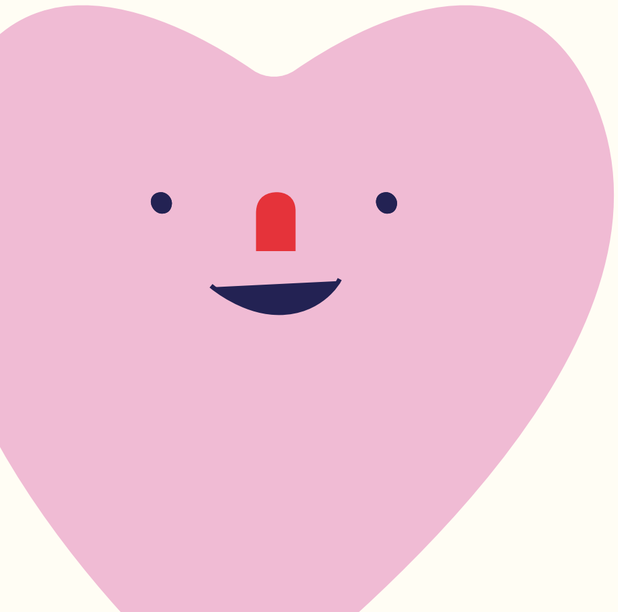
Clone, push, pull

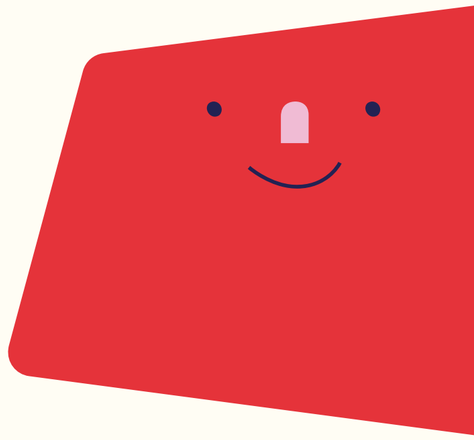
Live

Step 1:

Let's "download" our poem repo on your computer!







```
$ git clone

$ git status

$ git commit

$ git commit -a -m "I am the message"

$ git config --list

$ git log

$ git push origin master
```

Quick Recap

What we have done together

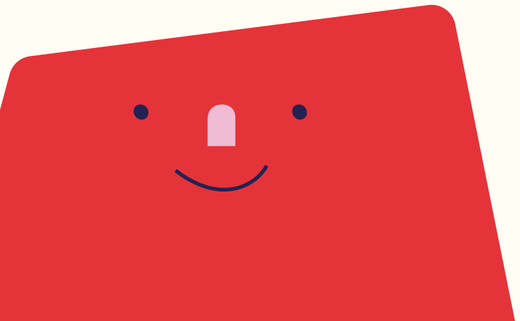
- create a new repo on Github
- clone it to our laptop
- make some changes, commit and push it back

while doing that we realize we need

- install git
- Know about Unix commands
- make sure my global username and email settings are configured. For the user name stuff, you don't have to do it again.

Now what we are going to do:

- show how to make a fresh repo from an existing folder on your computer and send that to Github.

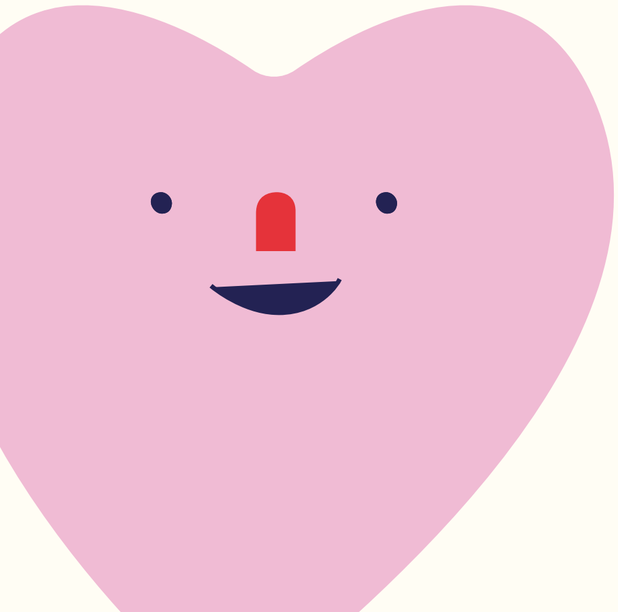


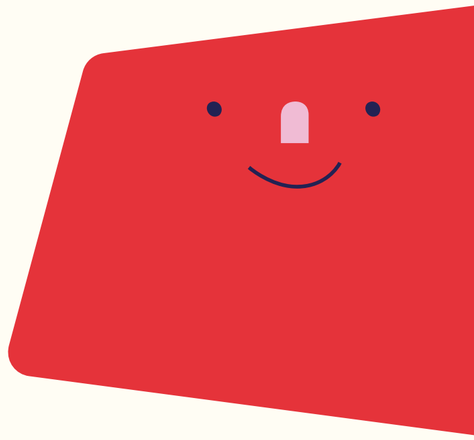
Step 2: Live

How to start with your local computer?

git init, git add

Git
Github



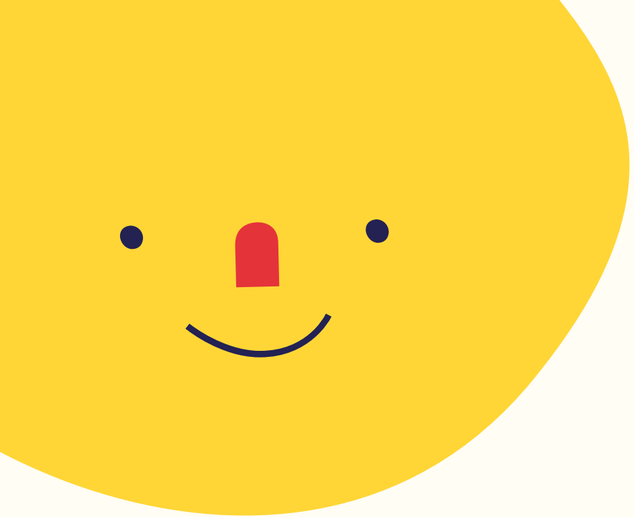


```
$ git init
$ git add
```

On Github
in last workshop

commit = save

Locally



poem.txt

Staging Area

commit

poem.txt

poem-try.html

outline.txt

good.png

poem-1.txt

poem-2.txt

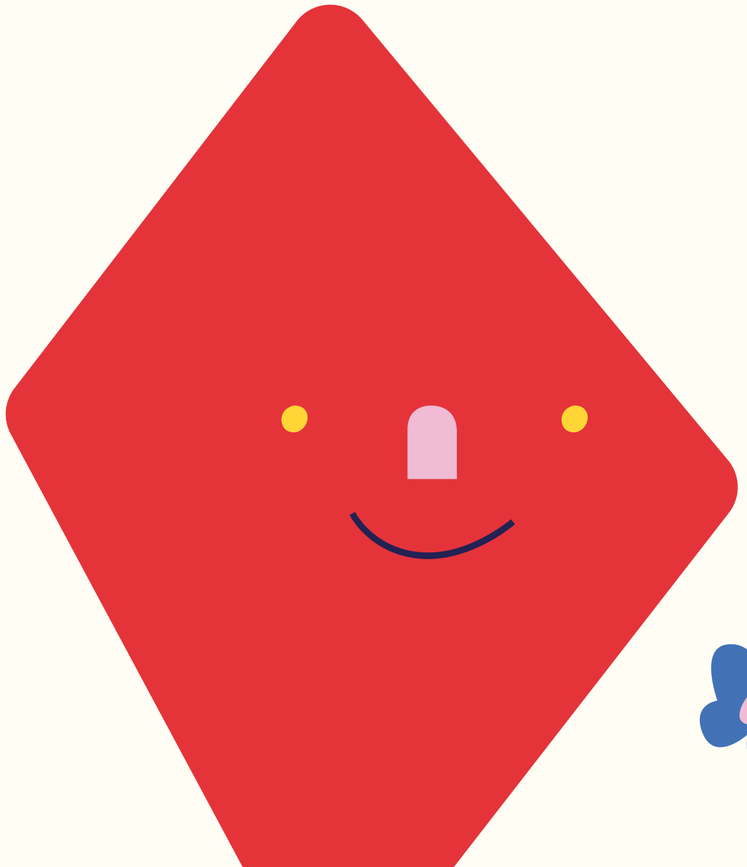
poem-3.txt

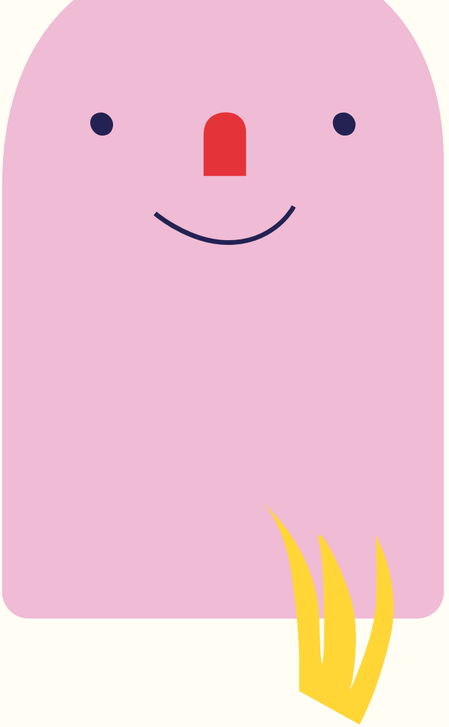
...

Staging Area

commit

Recap





what we looked at is

I have files on my computer,

I turned those files into a Git repository,

then I created an empty repository on GitHub,

linked it together, pushed the files up,

made a change on GitHub, pulled them down,

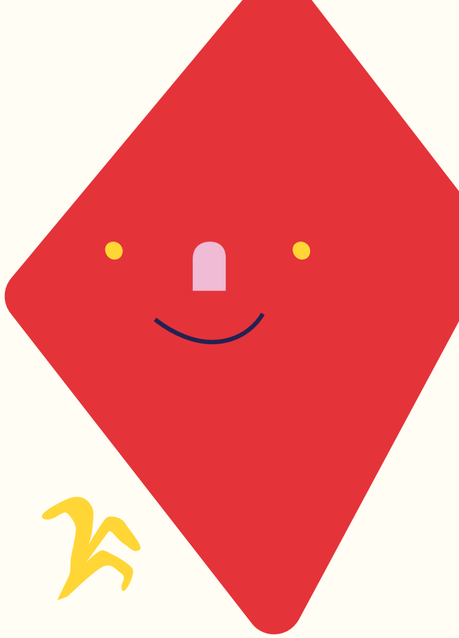
so now I have a way

that I can just work locally or work remotely.

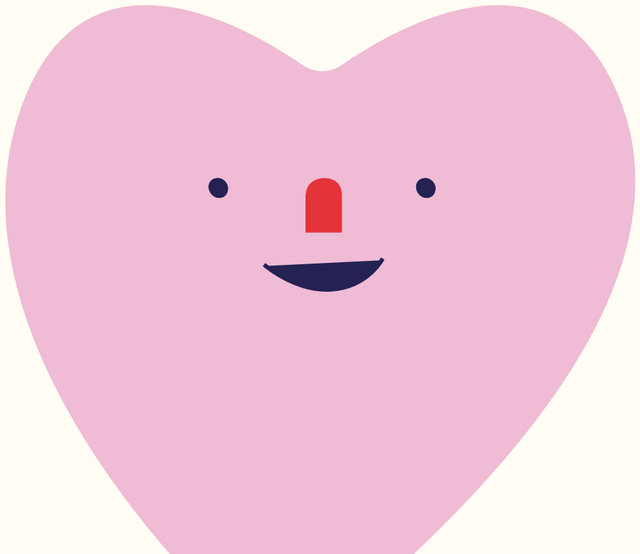
Terms we have covered

- git init
- git add
- git push/pull origin master
- git remote add origin +URL

Cheatsheet & Resources

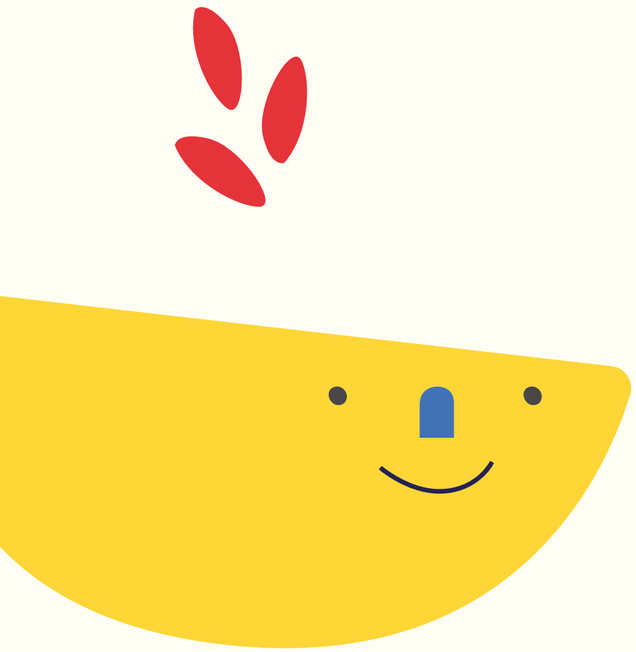


- Our Poem Github Page:
- Git command cheatsheet: https://education.github.com/git-cheat-sheet-education.pdf
- https://guides.github.com/features/mastering-markdown/
- Visual Tool to use github: https://desktop.github.com/
- For window systems, down Git Bash: https://git-scm.com/downloads



Try them now~!

For questions, comments:

Nan Zhao

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