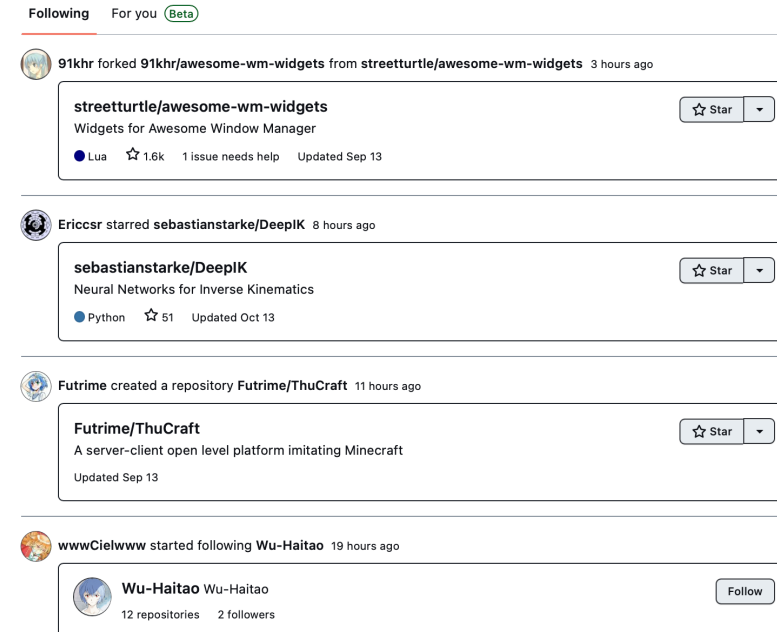# Git &
Team Collaboration

Astar

Contents

- What is git and GitHub

- How does git work

- How does GitHub work (as a social network for programmers?)

- Your first commit (to Astar)

- Tips for team collaboration
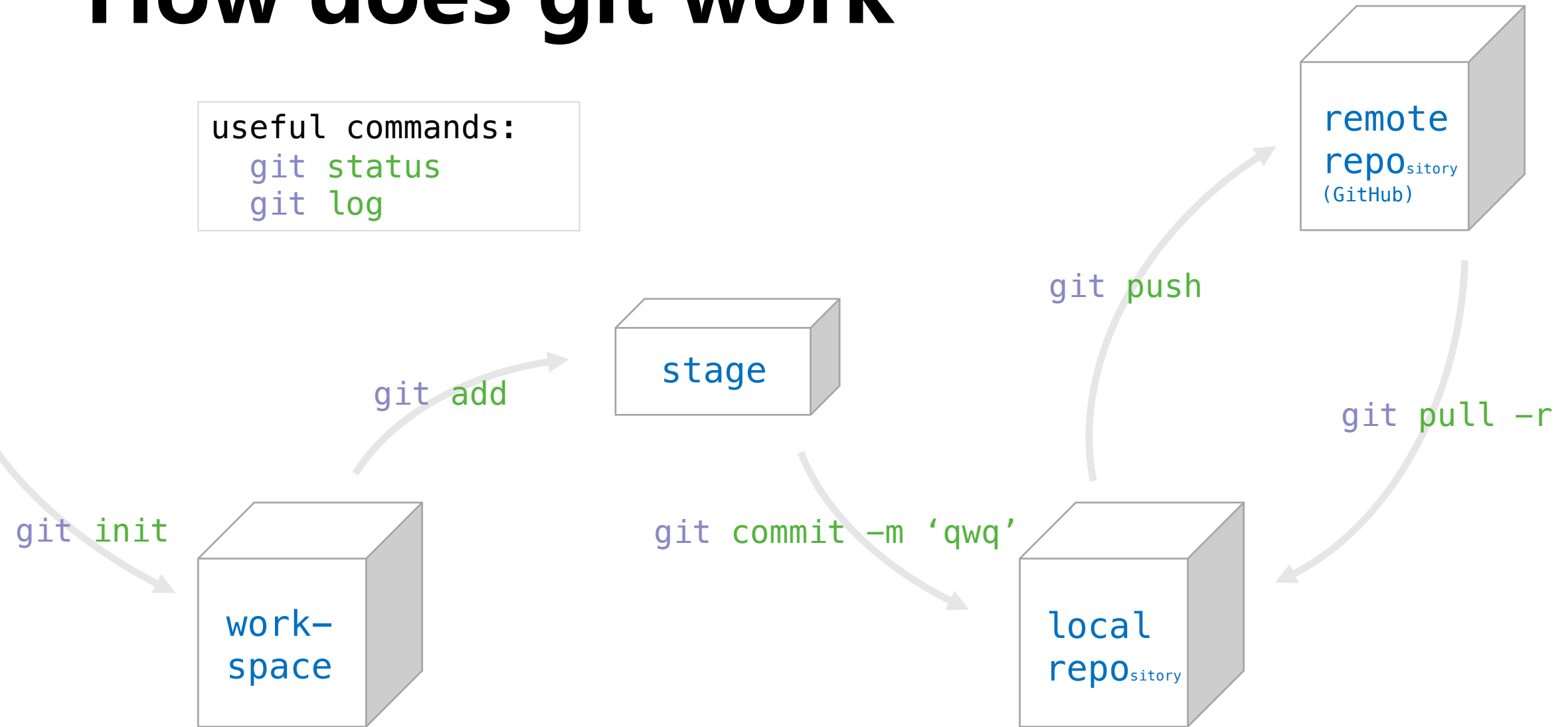
git

➤ A version control system

GitHub

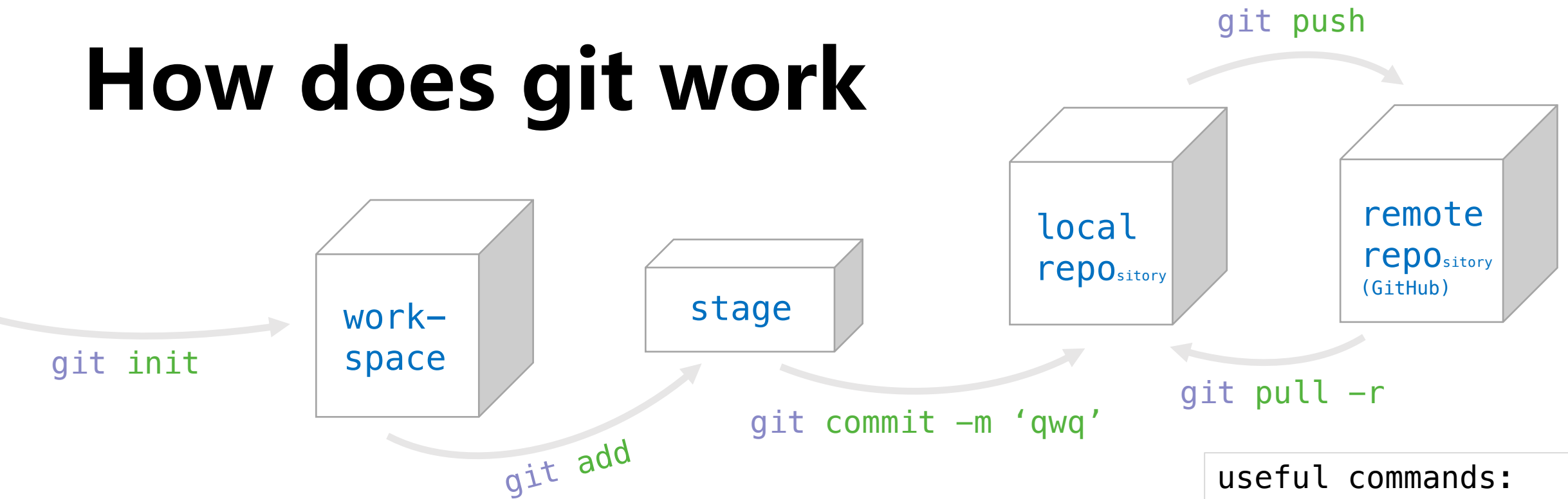➤ A hosting service for git

➤ A technology community

How does git work

useful commands:
```
git status
git log
```

How does git work

git push

local repo$_{sitory}$

remote repo$_{sitory}$ (GitHub)

git init

work-space

stage

git add

git commit -m 'qwq'

git pull -r
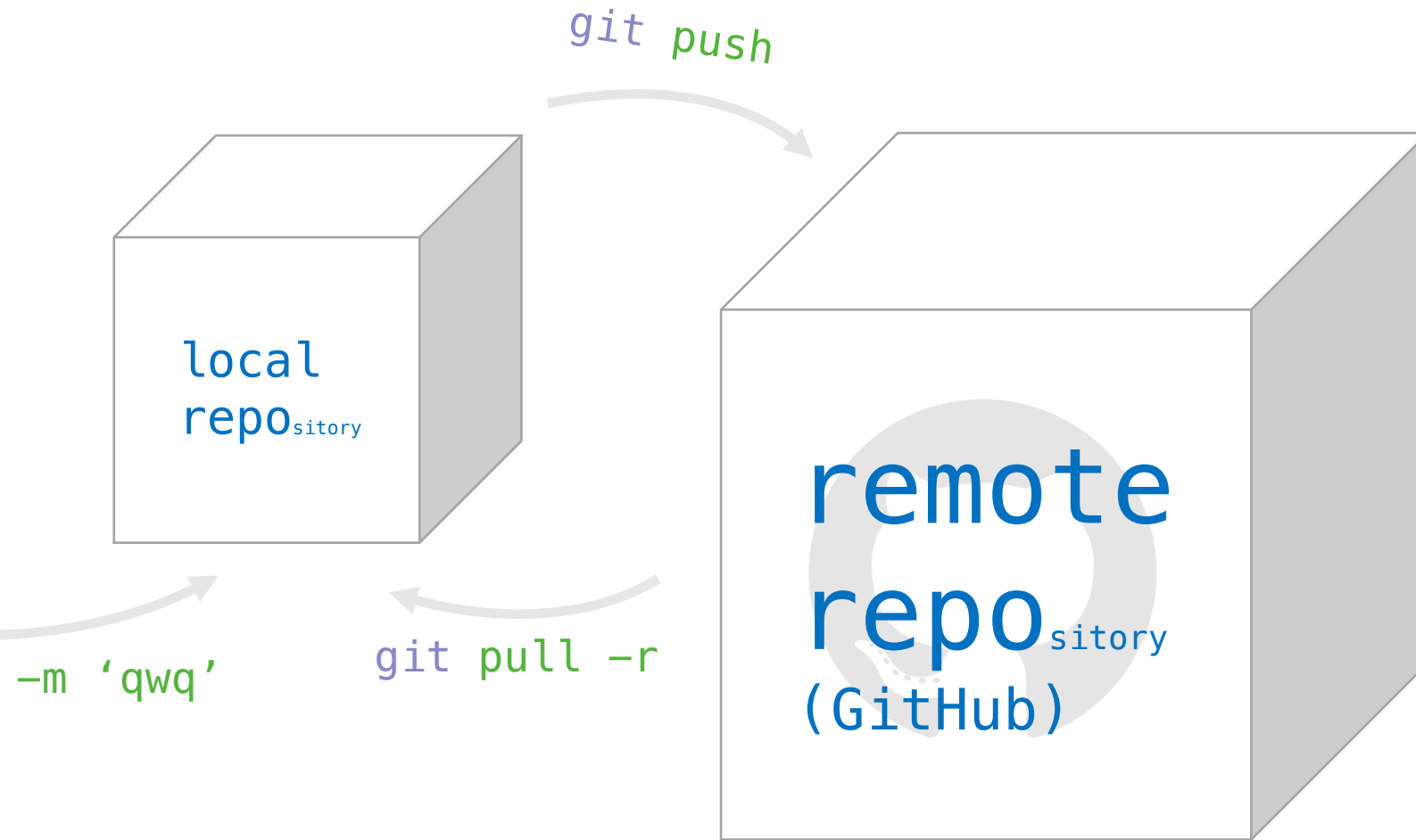
useful commands:
    git status
    git log

Task
Install git on your computer*
Create a folder **GitTest**
Initialize the **git** environment
Create a file **a.txt** and write anything to it
Check **git status**
Add the file to the **stage** by **git add .**
Commit changes to the local **repository** by **commit**

How does GitHub work

git push

local
repo~sitory~

remote
repo~sitory~
(GitHub)

−m 'qwq'   git pull −r

Peek
Take a look at my GitHub!

Task
Create a GitHub account
Connect it to your local
Join Astar's organization
Commit through terminal
```
git add .
git commit −m '...'
git pull −r
git push
```

We are just getting started...

➢ Learn more about the git workflow*, try creating a branch

➢ Star a repository on GitHub

➢ Follow someone on GitHub

➢ Create your personal profile on GitHub by opening a repo named the same as your username

➢ More...

Tips for team collaboration

➢ Learn to communicate friendly with your teammates

➢ Sometimes you must compromise to form a group plan

➢ Don't arbitrarily delete others' codes without permission

Q&A.
Have fun in Astar! ヽ(≧▽≦)ﾉ