

Github Guides


Dhruvi

Create a new repository


A repository contains all project files, including the revision history.

Owner

Repository name *

 msdakot ▾



/

ForDemo 

Great repository names are short and memorable. Need inspiration? How about **congenial-bassoon**?

Description (optional)

This is a Github Demo repo for Environmental Animations Class

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


- ☐ **Initialize this repository with a README**
This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.


Add .gitignore: **None** ▾


Add a license: **None** ▾ 

Create repository

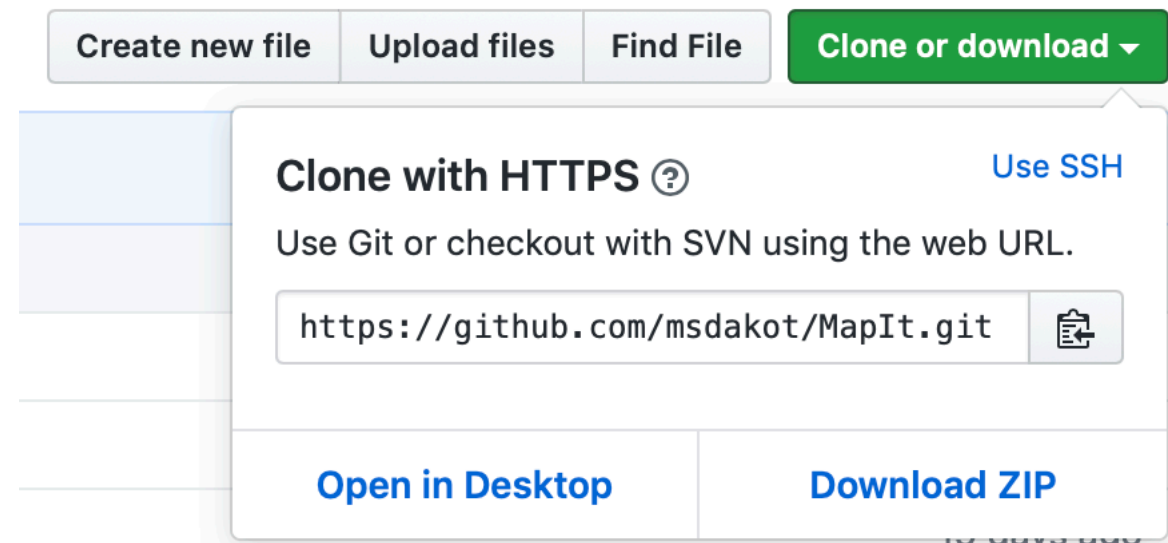
Create a repo
OR
Fork it

 Watch ▾ 35

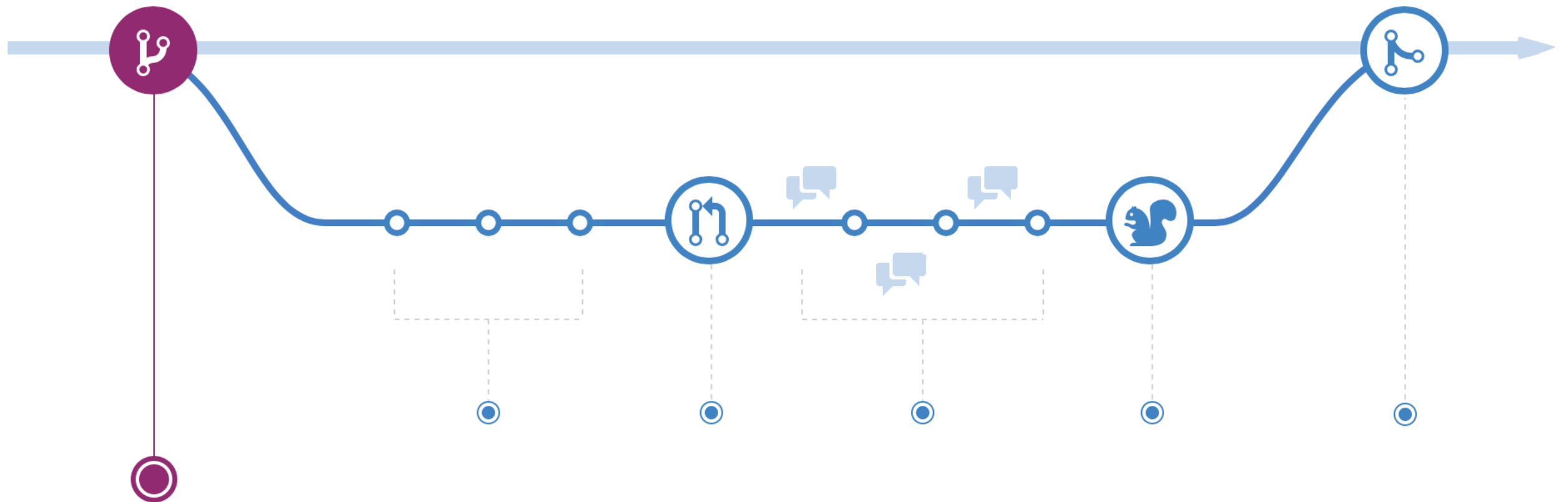
 Star 45

 Fork 37

Let's fork it on your devices....



- \$ git clone <https://github.com/msdakot/MapIt.git>. (clones the repo on device)

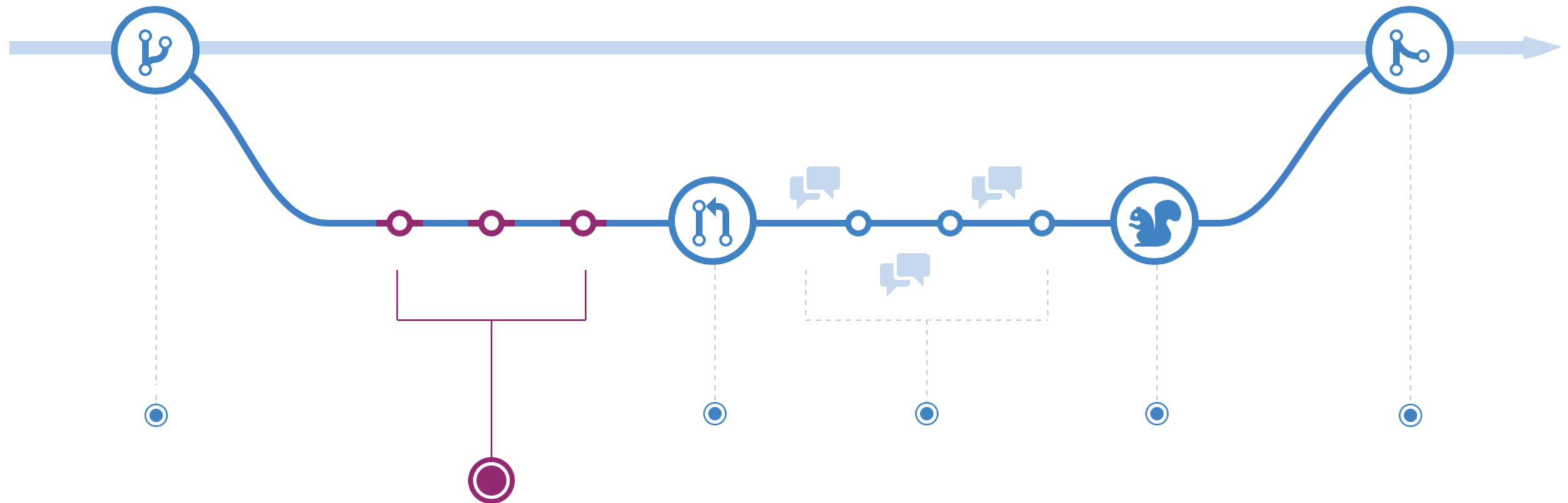


Create a Branch

- Should have descriptive name
- `$ git branch [branch-name]` (creates a new branch)

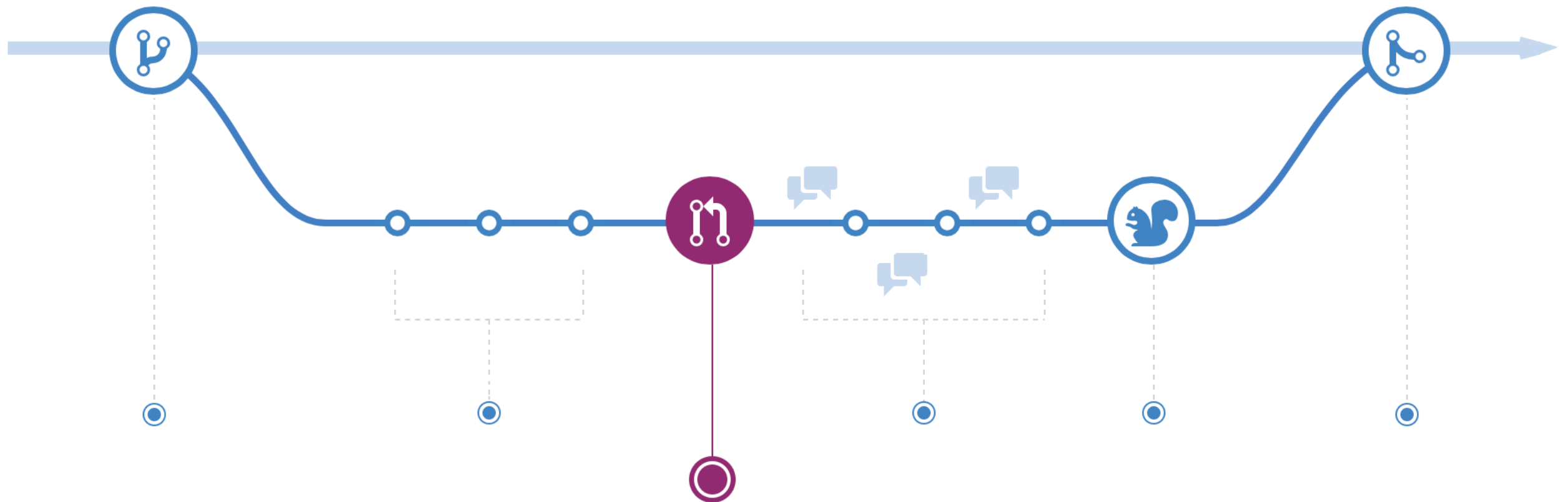
Create a new files or folder in the repo

- `$ git status` (shows the status of the cloned repo on personal device)



Add Commits to the Branch or Fork

- Commit messages are important to keep track of the changes and to retrieve the branch
- `$ git add .` (add all the recent changes)
- `$ git commit -m "message"` (queues the commits and adds a message to the commits)
- `$ git push` (pushes the commits to the forked file)



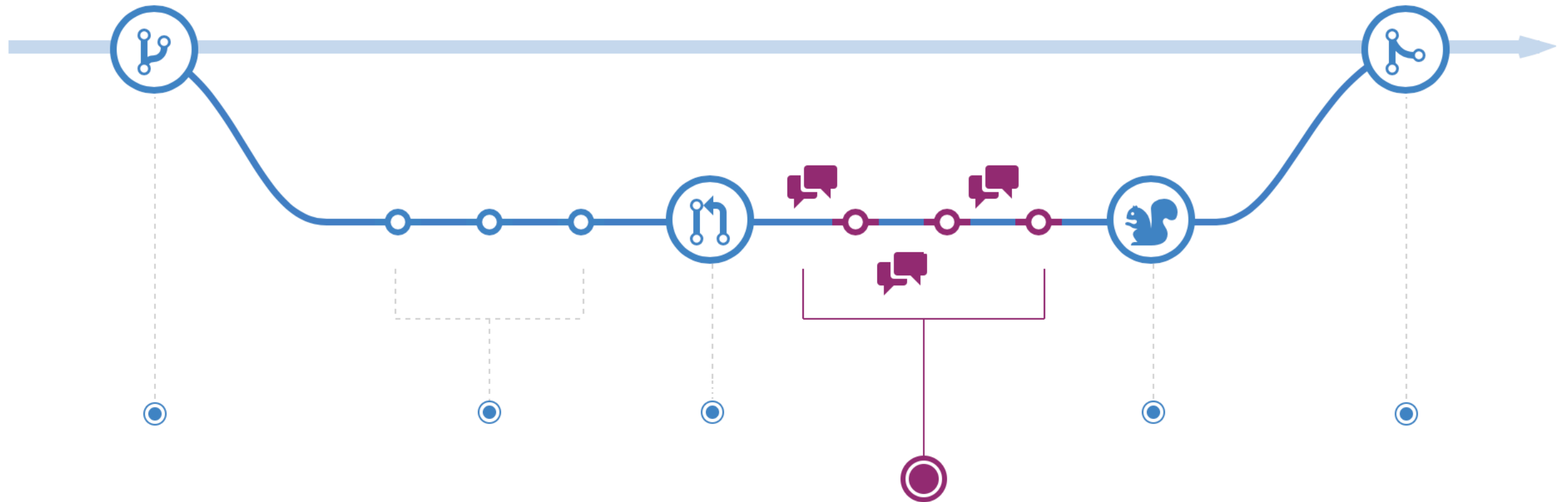
Open a Pull Request

- Initiates a discussion about your recent commits
- Especially helpful when you are stuck or need criticism on the code

Branch: master ▼

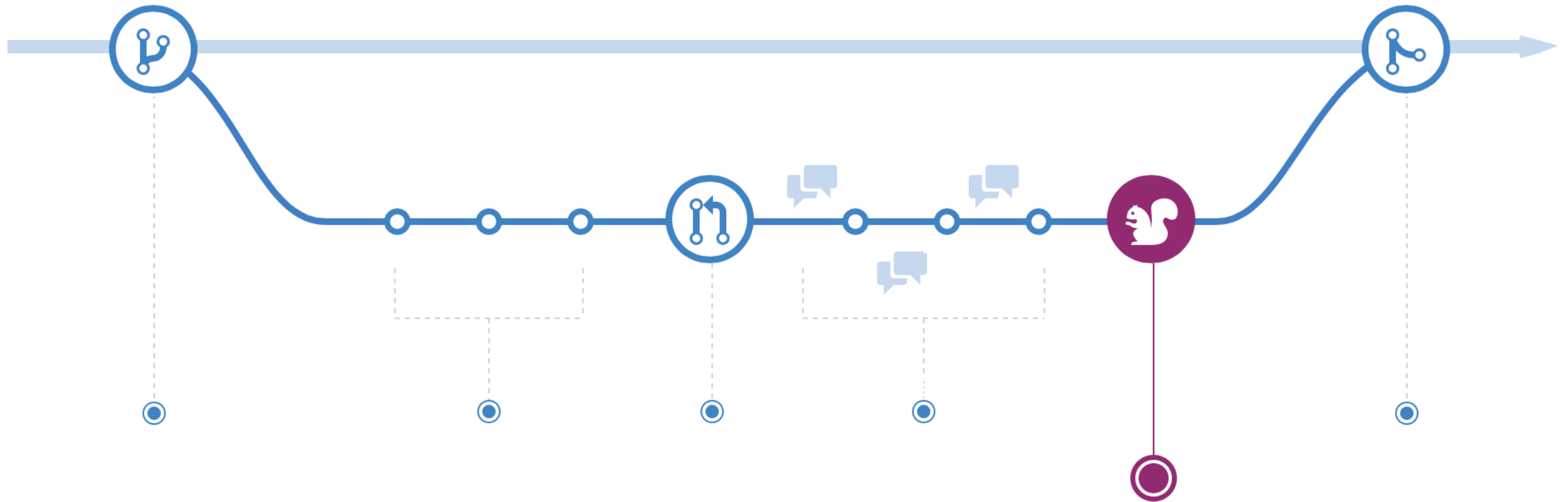
New pull request

- `$ git pull` (fetch and merge any commits from the tracking remote branch)

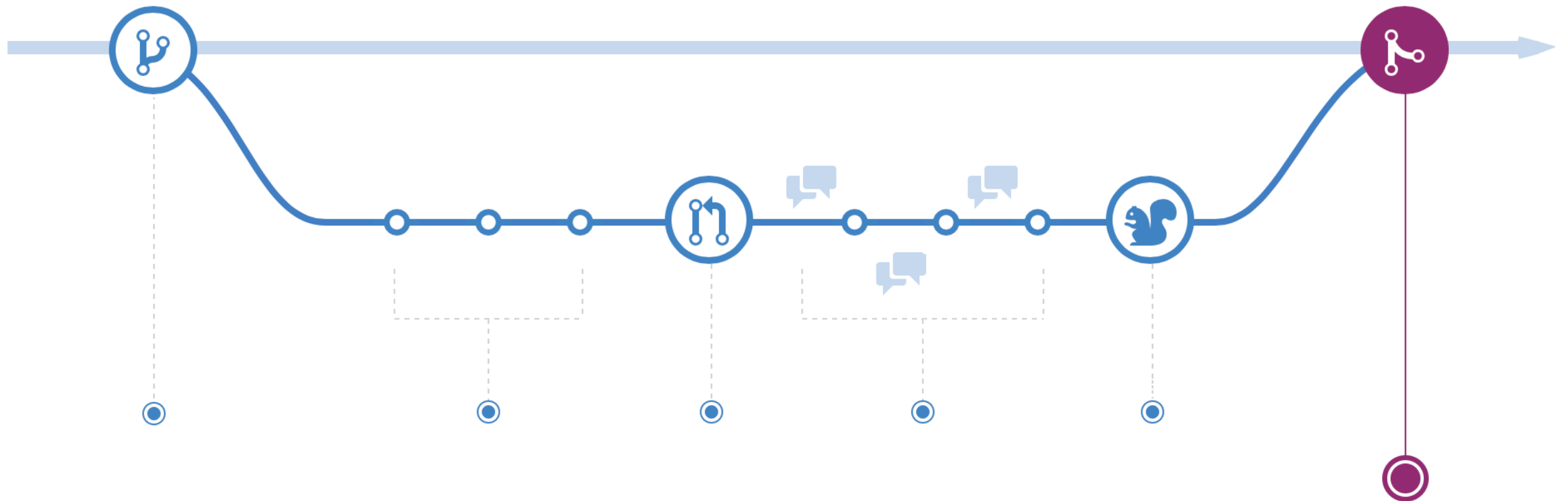


Discuss and review your code

- The team can review, question, and comment (in-line)



Deploying or accepting the pull requests



Merge the branch into Master

- `$ git merge [branch-name]` (merges to the main branch, and closes the issues)

Cheat Sheet

<https://education.github.com/git-cheat-sheet-education.pdf>