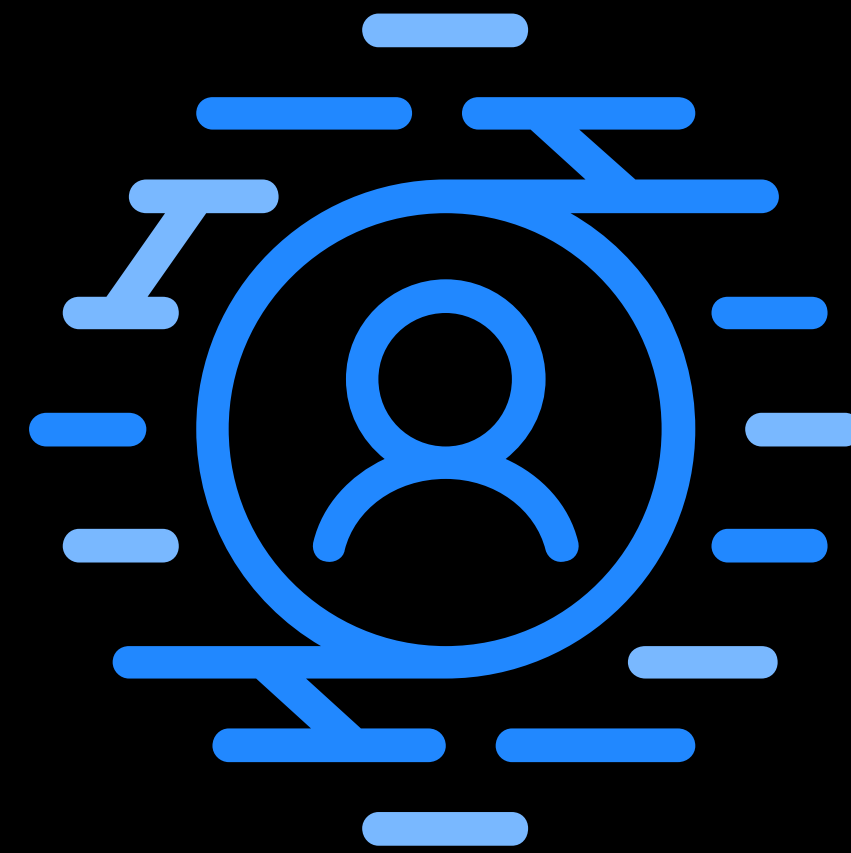




Introduction to GitHub

@ltephanysopez



**I'm Stephany Lopez, a Student Advisor for
Google Developer Student Clubs**

What is Git?





Git is a version control tool that helps developers save their work, and collaborate with one another.

@ltephanysopez

Why Git?

- Distributed version control
- A way to coordinate work between multiple developers
- Keeps track of project history
- Local and remote repositories



What is GitHub?



**GitHub is a development platform
for version control and
collaboration.**



Why GitHub?

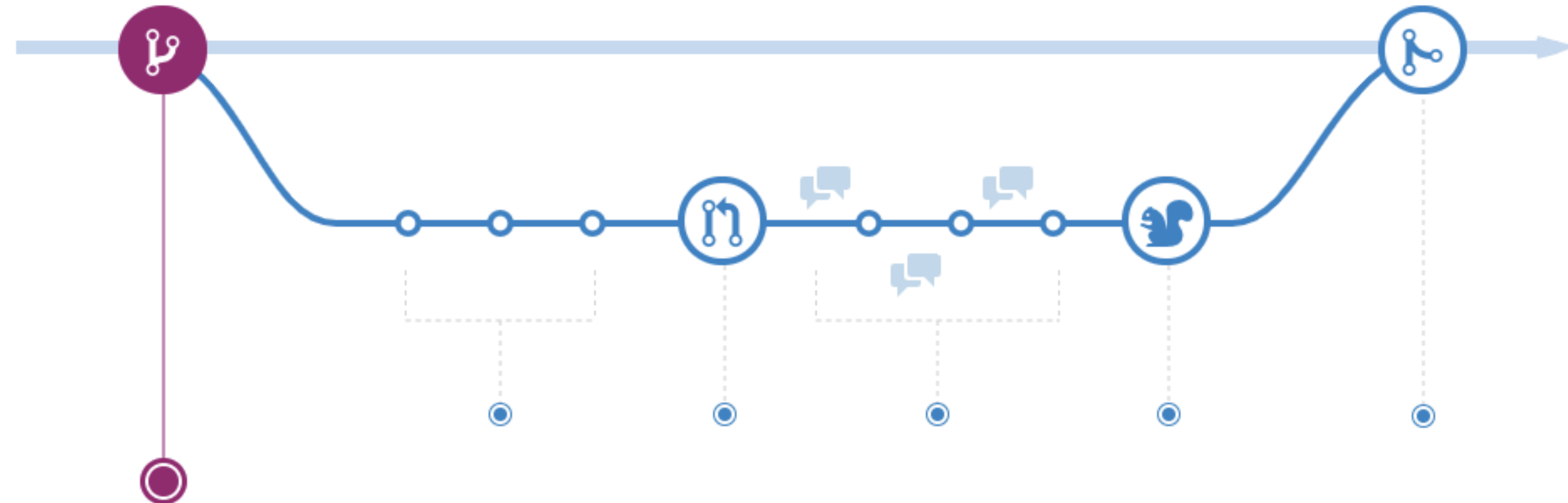
- Manage projects
- Facilitate collaboration with other developers
- Contribute to the open-source community
- Industry-standard workflows



The GitHub Workflow

Create a branch

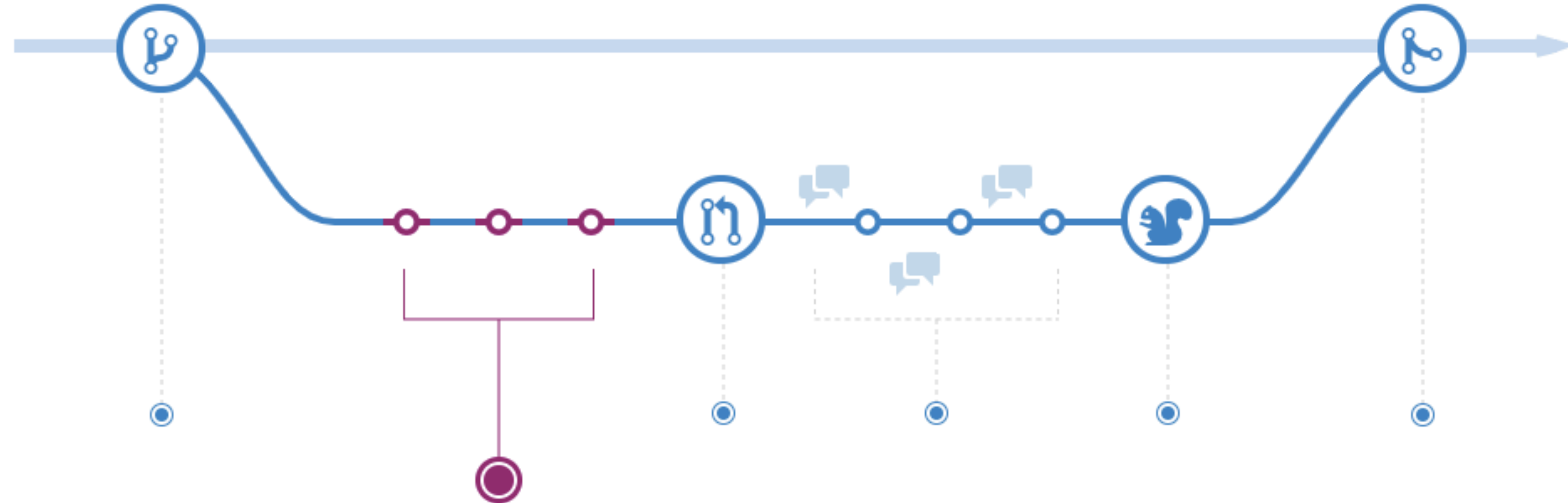
Separate feature work from the main production branch



The GitHub Workflow

Commits

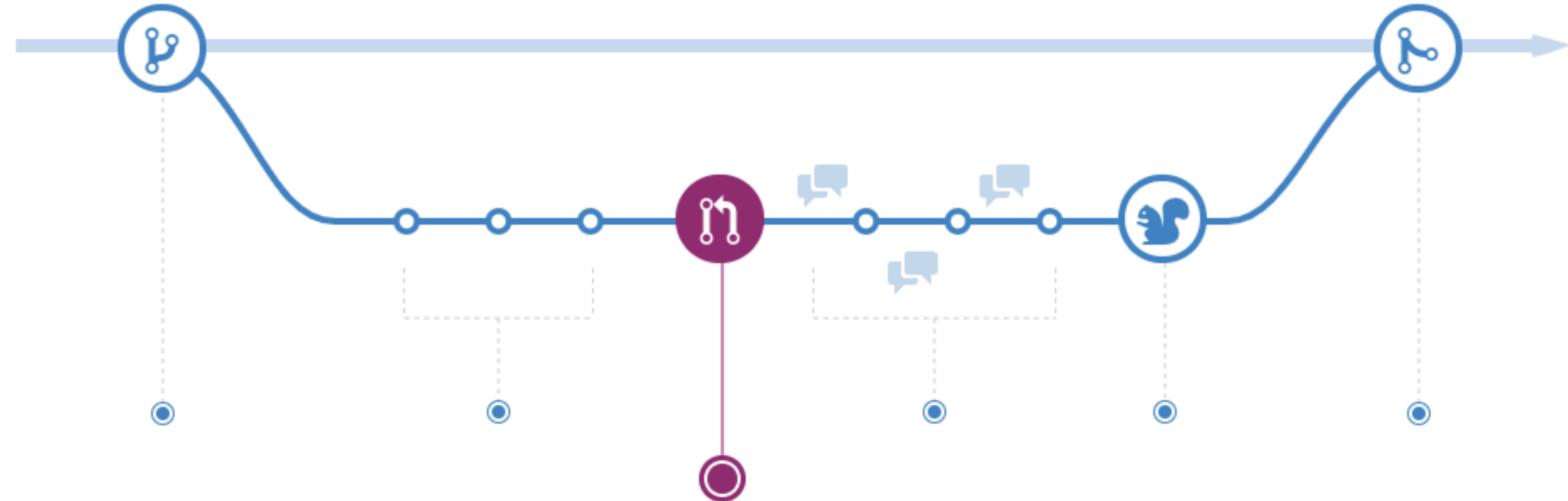
Add commits to keep track of your progress on any feature work



The GitHub Workflow

Open a Pull Request

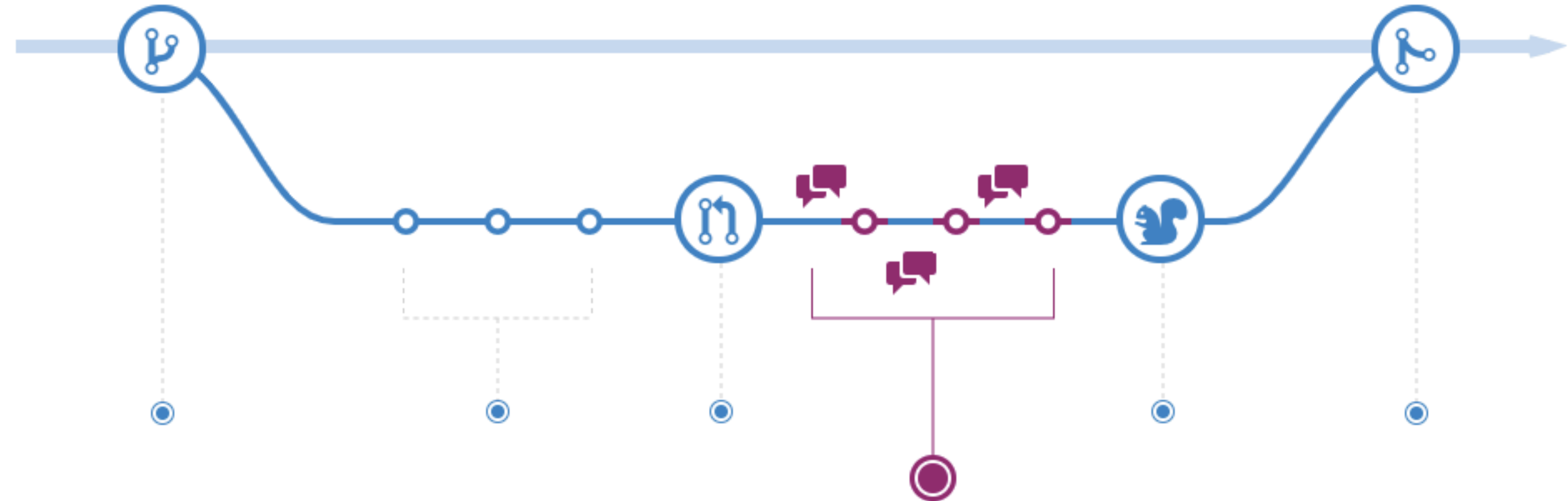
Initiate discussion about your commits with your teammates



The GitHub Workflow

Discuss

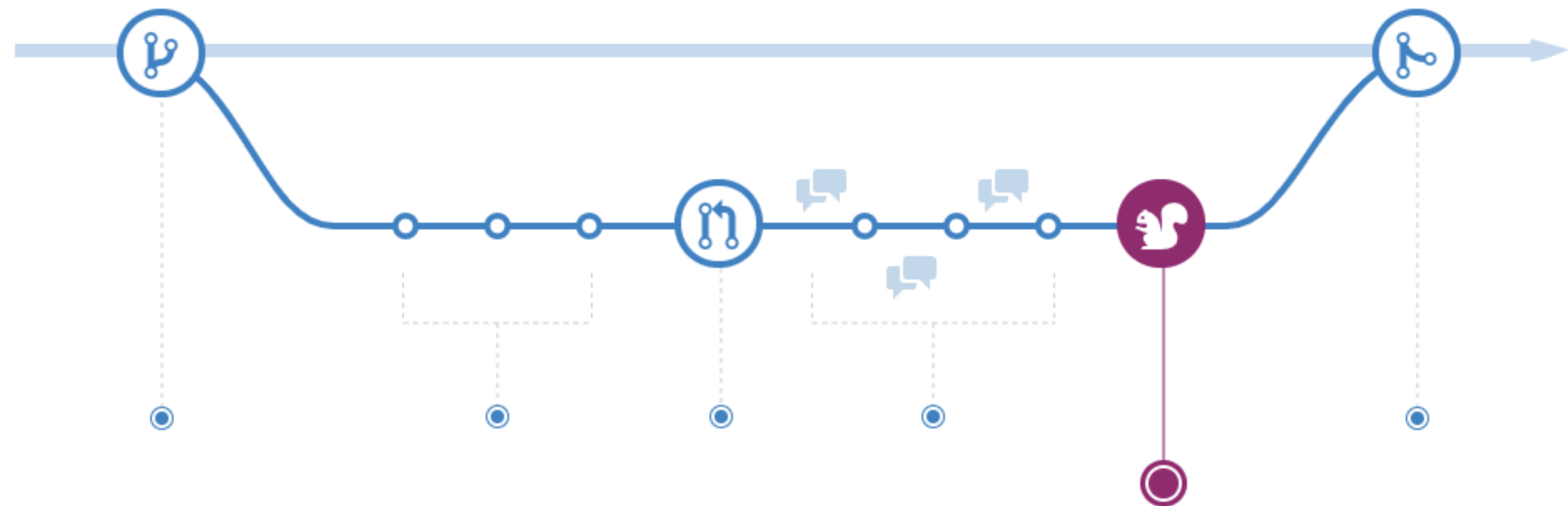
Discuss and review your code to get feedback and make any last edits



The GitHub Workflow

Deploy

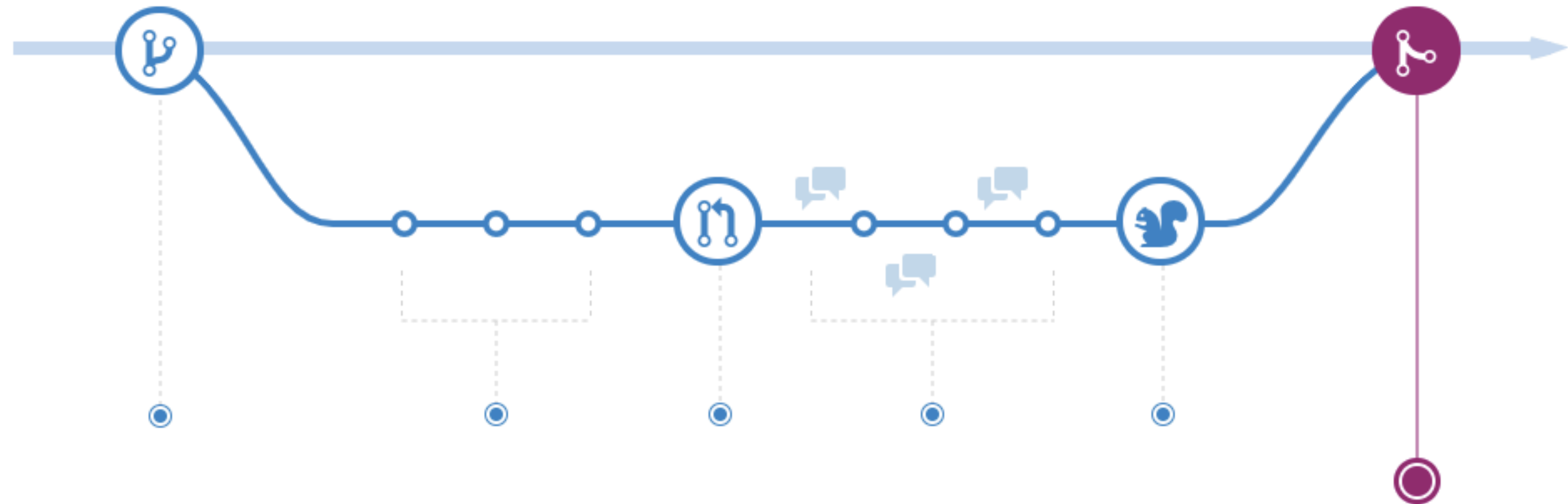
Deploy for final testing in production before merging to main



The GitHub Workflow

Merge

Merge all verified changes in the main branch to production





Let's dive in!



Questions? Concerns? Comments?

@ltephanysopez