



# Intro to Git

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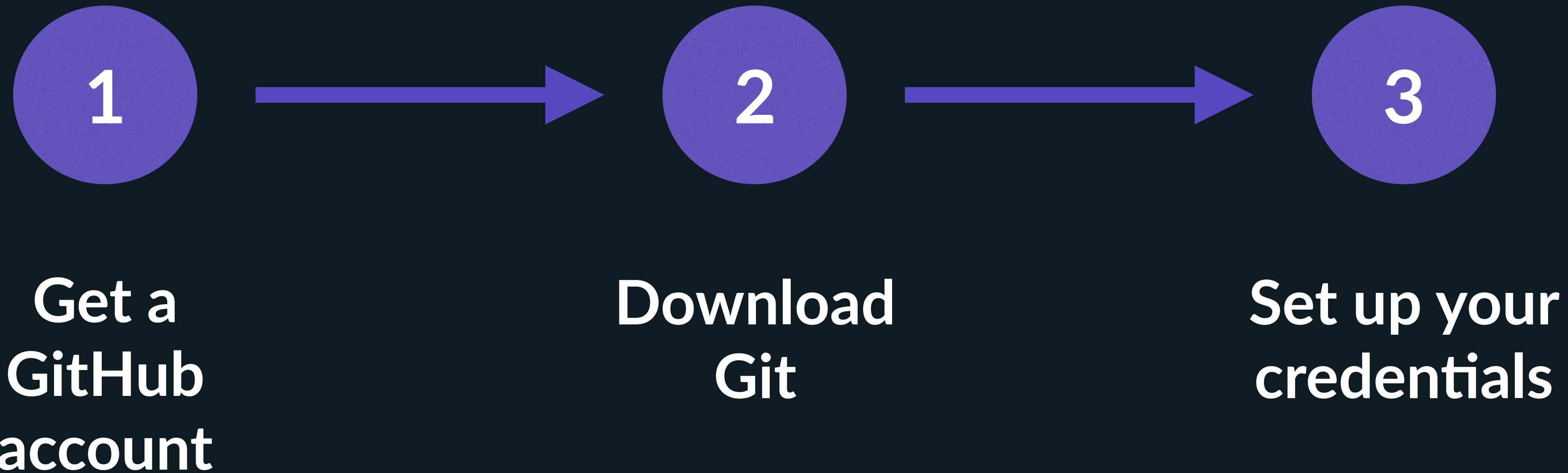
# Version Control?

**History**

**Collaboration**

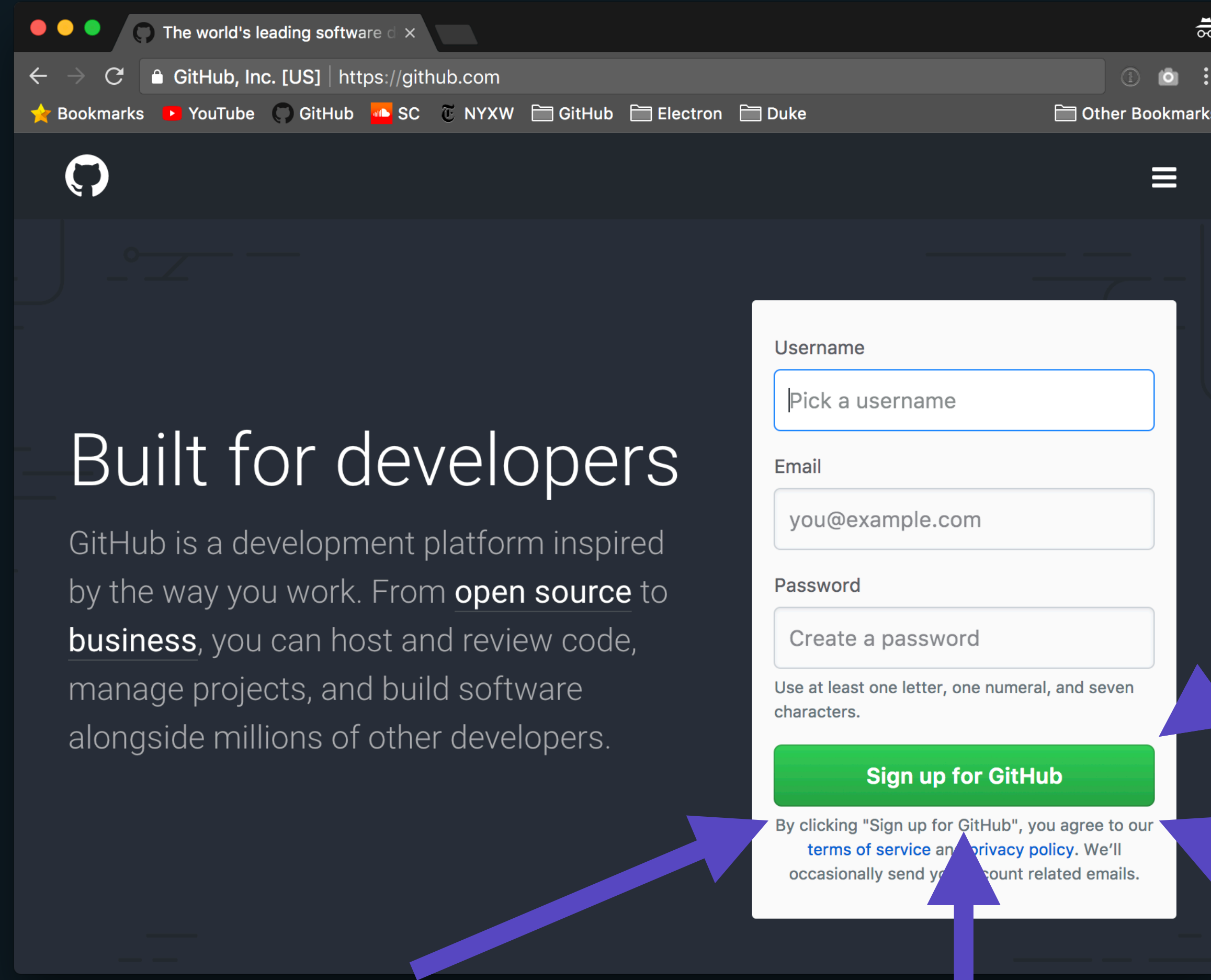
**Backup**

# Getting Started



1

# Get a GitHub Account



The screenshot shows the GitHub homepage with a sign-up modal open. The modal contains the following fields and text:

- Username:** A text input field with the placeholder text "Pick a username".
- Email:** A text input field with the placeholder text "you@example.com".
- Password:** A text input field with the placeholder text "Create a password".
- Instructions:** Below the password field, it says "Use at least one letter, one numeral, and seven characters."
- Sign up for GitHub:** A prominent green button.
- Disclaimer:** Below the button, it states: "By clicking 'Sign up for GitHub', you agree to our [terms of service](#) and [privacy policy](#). We'll occasionally send you account related emails."

Four blue arrows point to the form fields: one to the Username field, one to the Email field, one to the Password field, and one to the "Sign up for GitHub" button.

# Download Git



<https://git-scm.com/downloads>



# Set Up Credentials

```
$ git config --global user.name "YOUR NAME"
```

```
$ git config --global user.email "NAME@EMAIL.COM"
```



# Local Commands

\$ git pull

\$ git push

\$ git reset

\$ git init

\$ git branch

\$ git add

\$ git commit

\$ git fetch

\$ git fetch

\$ git rebase

\$ git status

\$ git clone

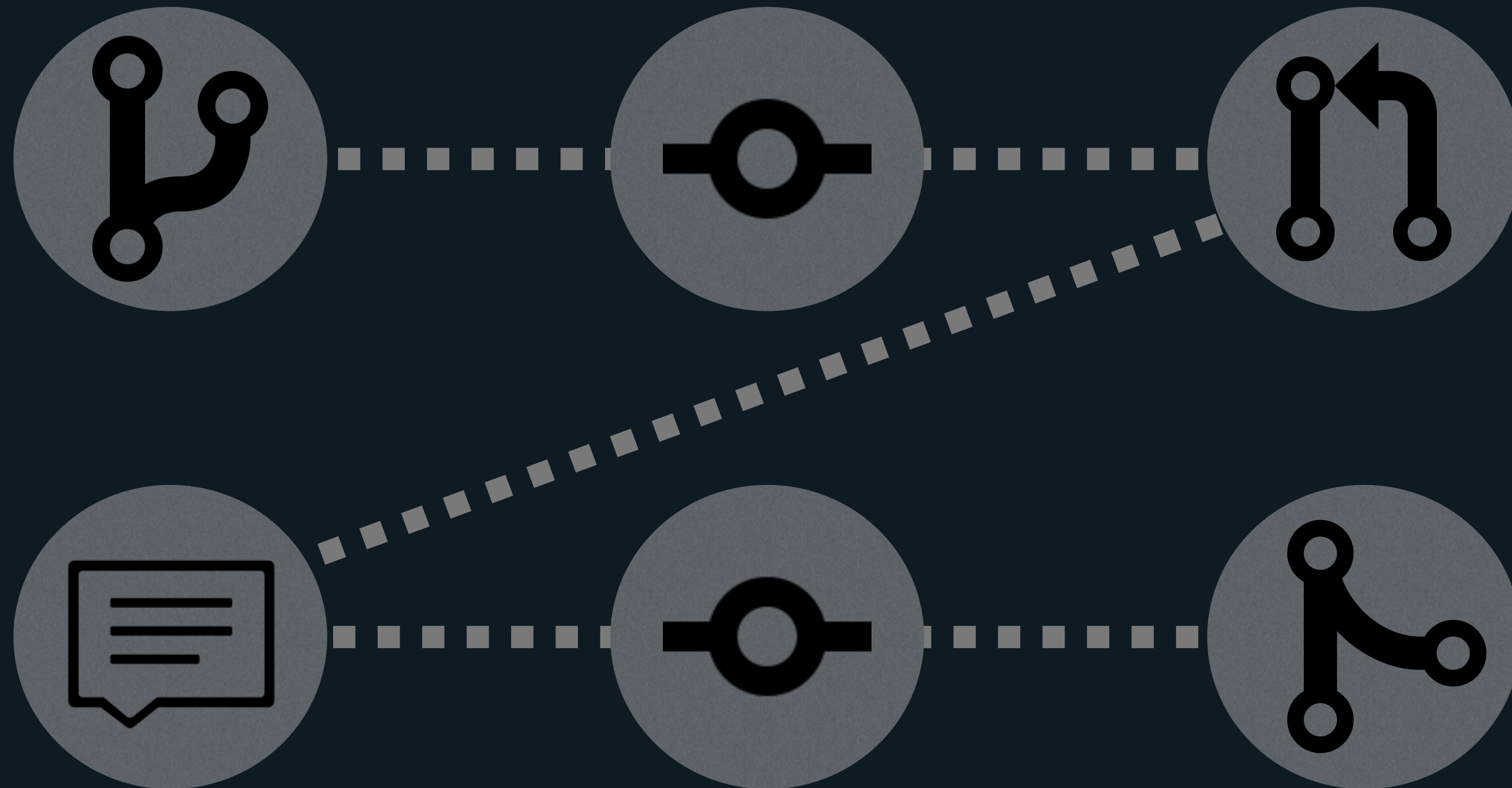
# Working Through a Demo



# Create a Repo

```
$ git init
```

# The Flow





	COMMENT	DATE
○	CREATED MAIN LOOP & TIMING CONTROL	14 HOURS AGO
○	ENABLED CONFIG FILE PARSING	9 HOURS AGO
○	MISC BUGFIXES	5 HOURS AGO
○	CODE ADDITIONS/EDITS	4 HOURS AGO
○	MORE CODE	4 HOURS AGO
○	HERE HAVE CODE	4 HOURS AGO
○	AAAAAAAAAA	3 HOURS AGO
○	ADKFJSLKDFJSDKLFJ	3 HOURS AGO
○	MY HANDS ARE TYPING WORDS	2 HOURS AGO
○	HAAAAAAAAAANDS	2 HOURS AGO

AS A PROJECT DRAGS ON, MY GIT COMMIT MESSAGES GET LESS AND LESS INFORMATIVE.

# Commit Messages

```
$ git commit -m "my commit message"
```

- ▶ Atomic, describing a single event
- ▶ No more than 50 characters
- ▶ Capitalize the subject line
- ▶ Do not end with a period
- ▶ Use the imperative mood

The background is a dark blue gradient with various celestial icons scattered around. In the top-left corner, there is a large orange sun with rays and a small red planet. In the top-right corner, there are several small white dots, a blue star, and a small orange planet. In the bottom-left corner, there is a blue planet with white stripes, a small purple planet, and a small blue star. In the bottom-right corner, there is a blue planet with white stripes, a small red planet, and a small blue star.

# Questions?