



Intro to Git

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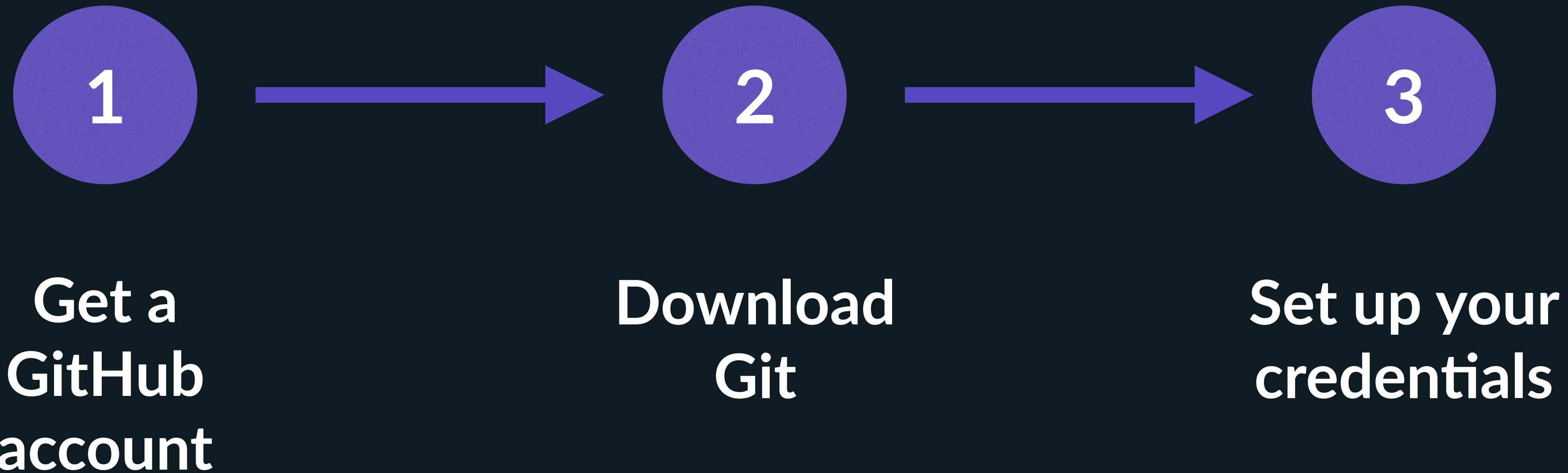
Version Control?

History

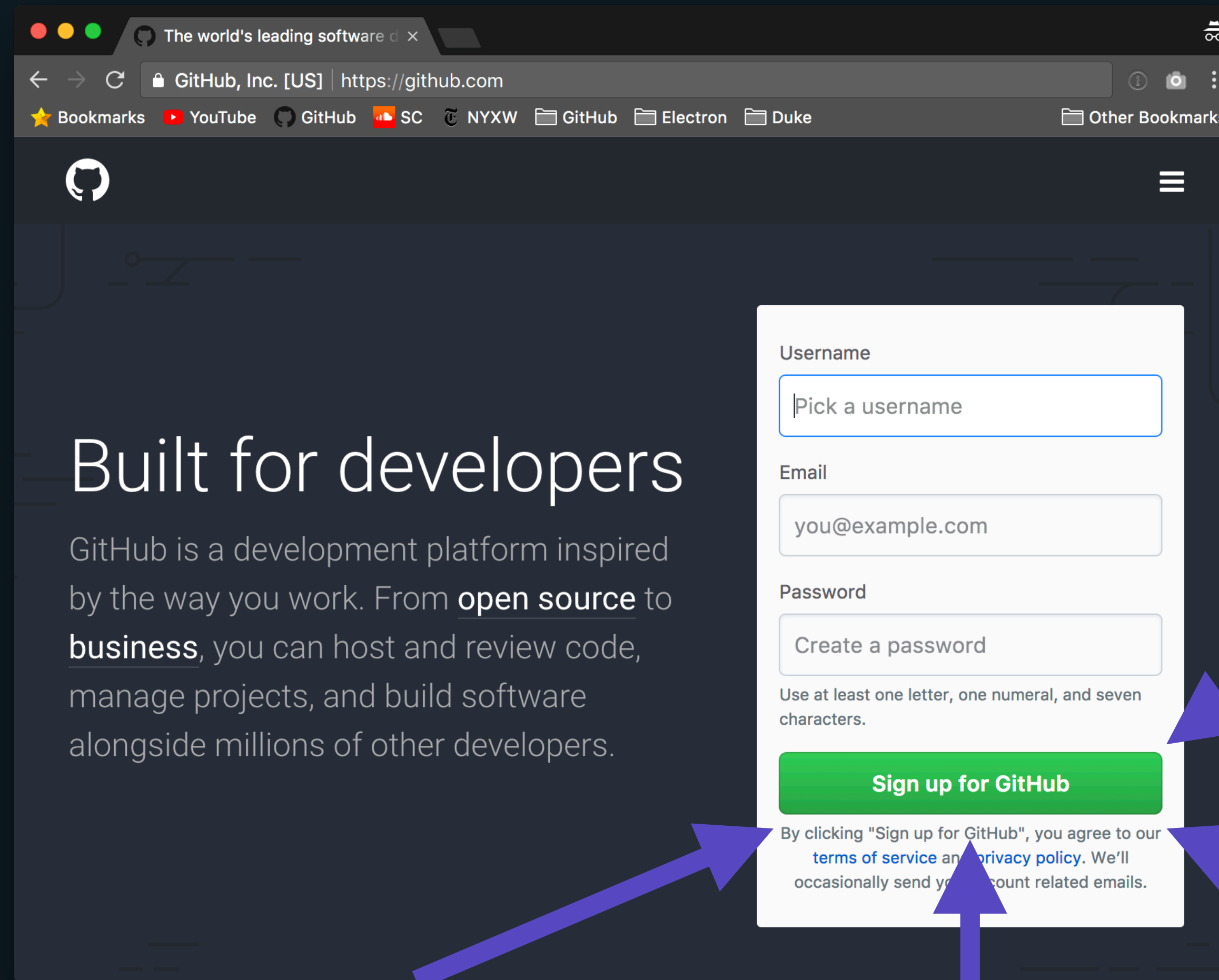
Collaboration

Backup

Getting Started



Get a GitHub Account



The screenshot shows the GitHub homepage with a sign-up form overlay. The form contains the following fields and elements:

- 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".
- Password Requirements:** A note stating "Use at least one letter, one numeral, and seven characters."
- Sign up for GitHub:** A green button.
- Terms and Privacy:** A line of text stating "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 SSH

```
$ cat ~/.ssh/id_rsa
```

If nothing comes up:

```
$ ssh-keygen -t rsa -C "EMAIL@EXAMPLE.com"
```

```
$ pbcopy < ~/.ssh/id_rsa.pub
```



<https://github.com/settings/keys>



Set Up Git 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 checkout

\$ git add

\$ git commit

\$ git fetch

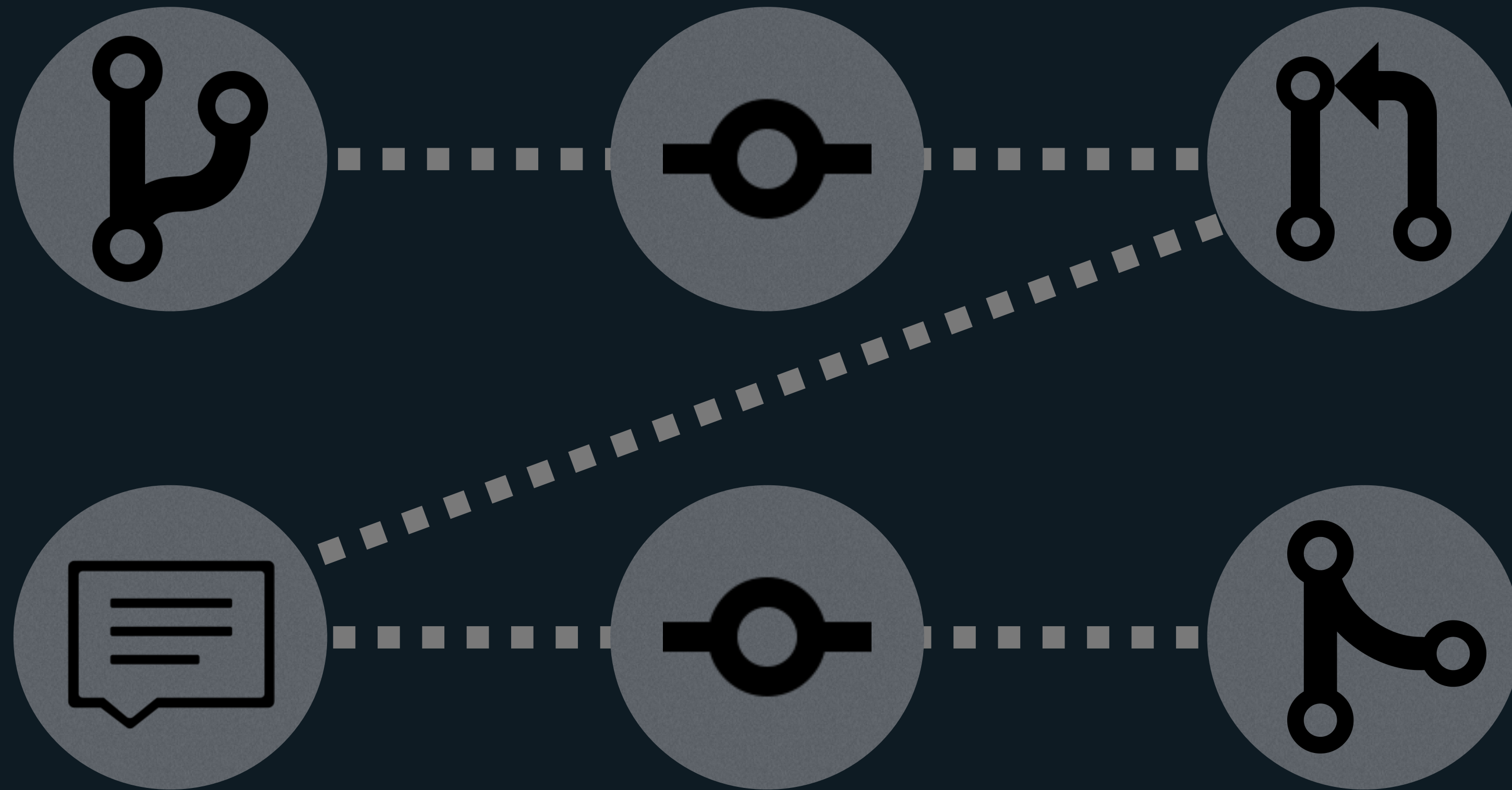
\$ git fetch

\$ git rebase

\$ git status

\$ git clone

The Flow



Working Through a Demo



<https://github.com/codebytere/intro-to-git>





	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



Questions?