



Introduction to GitHub

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What is GitHub?

“GitHub is a web-based hosting service for software development projects that use the Git revision control system.”

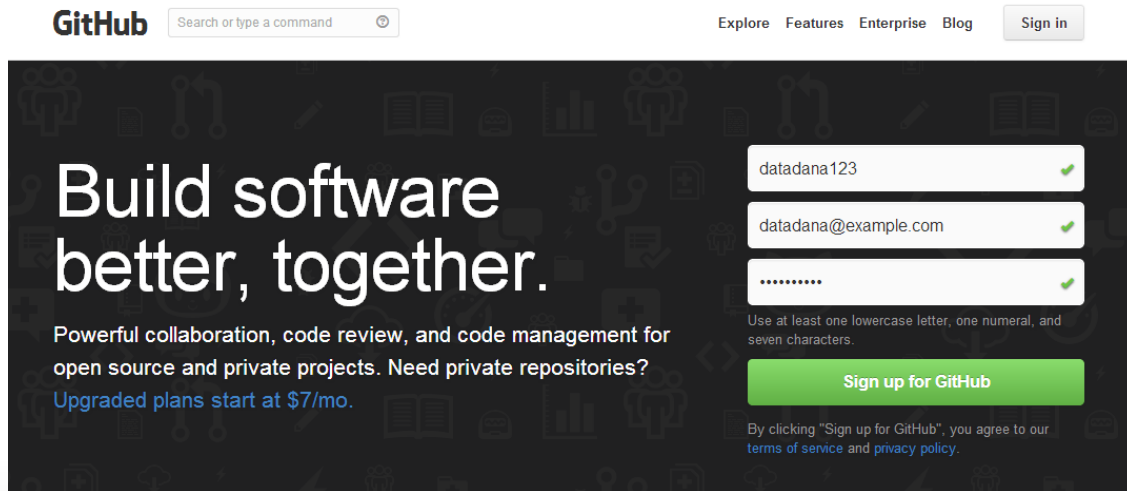
<http://en.wikipedia.org/wiki/GitHub>

What is GitHub?

- Allows users to "push" and "pull" their local repositories to and from remote repositories on the web
- Provides users with a homepage that displays their public repositories
- Users' repositories are backed up on the GitHub server in case something happens to the local copies
- Social aspect allows users to follow one another and share projects

Set Up a GitHub Account

- Go to the GitHub homepage at <https://github.com/>
- Enter a username, email, and password and click "Sign up for GitHub"
- **NOTE:** You should use the same email address that you used when setting up Git in the previous lecture

A screenshot of the GitHub homepage with the sign-up form filled out. The header includes the GitHub logo, a search bar, and navigation links for Explore, Features, Enterprise, Blog, and a Sign in button. The main content area has a dark background with the text 'Build software better, together.' and a description of GitHub's features. The sign-up form on the right has three input fields: a username 'datadana123', an email 'datadana@example.com', and a password represented by dots. All three fields have a green checkmark on the right. Below the password field is a note: 'Use at least one lowercase letter, one numeral, and seven characters.' At the bottom of the form is a green button labeled 'Sign up for GitHub'. Below the button is a disclaimer: 'By clicking "Sign up for GitHub", you agree to our terms of service and privacy policy.'

Set Up a GitHub Account

- On the next screen, select the free plan and click "Finish sign up"

Welcome to GitHub

You've taken your first step into a larger world, @datadana123.

✓ Completed
Set up a personal account

📁 Step 2:
Choose your plan

🔑 Step 3:
Go to your dashboard

Choose your personal plan

Plan	Cost	Private repos	
Large	\$50/month	50	<button>Choose</button>
Medium	\$22/month	20	<button>Choose</button>
Small	\$12/month	10	<button>Choose</button>
Micro	\$7/month	5	<button>Choose</button>
Free	\$0/month	0	<button>Choose</button>

Each plan includes:

Unlimited collaborators

Unlimited public repositories

- ✓ Free setup
- ✓ SSL Protection
- ✓ Email support
- ✓ Wikis, Issues, Pages, & more

Don't worry, you can cancel or upgrade at any time.

📁 Help me set up an organization next

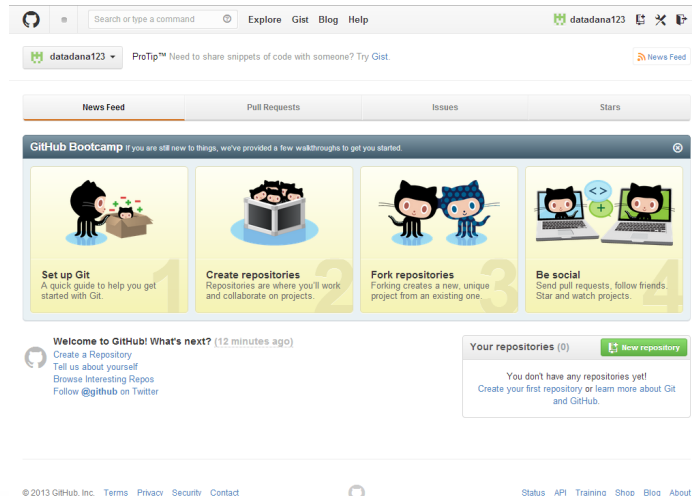
Organizations are separate from personal accounts and are best suited for businesses who need to manage permissions for many employees.

[Learn more about organizations.](#)

Finish sign up

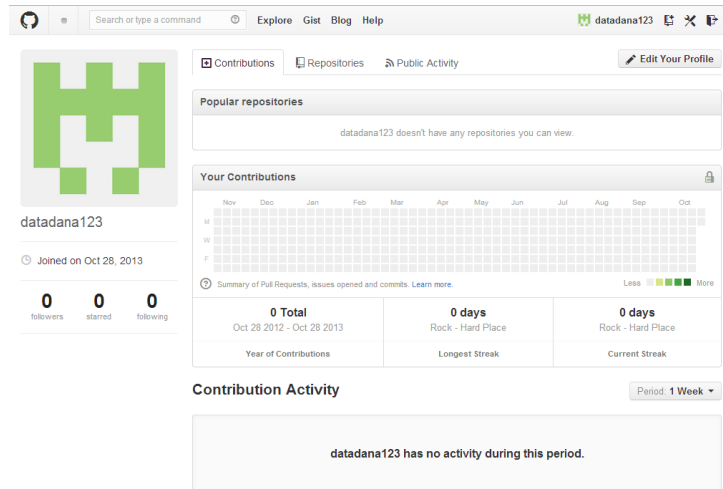
Navigating GitHub

- After signing up, you will find yourself on this page, which has several helpful resources for learning more about Git and GitHub
- Try clicking on your username in the upper righthand corner of the screen to view your GitHub profile



Your GitHub Profile

- Your profile is where all of your activity on GitHub is displayed
- Allows you to show other people who you are and what you are working on
- As you work on more and more projects, your profile becomes a portfolio of your work



Your GitHub Profile

- Finally, if you click on "Edit Your Profile" in the top righthand portion of the screen you can add some basic information about yourself to your profile
- This is totally optional, but if you do good work, you ought to take some credit for it!
- In the next lecture, we'll get you started by walking you through two ways of creating a repository
- In the meantime, feel free to explore the GitHub site for interesting projects that others are working on