



Hack Club BNDS

Workshop 01

Personal Websites

Preparation Material

In this tutorial we will guide you through the process of setting up your coding and sharing environment. We will be using Github and Cloud9 for the personal website workshop (and probably some other workshops as well). Please be sure to set these up appropriately before coming to our first meeting so that we can have more time working on the real stuff. If you have questions, feel free to reach out to us in the WeChat group. Have fun!

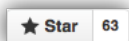
Part I: Setup

1) Signing Up for GitHub

If you already have a GitHub account, skip to step 3 of Signing Up for GitHub.

GitHub is a website used by millions of programmers to collaborate on code. We'll be using it to store and manage our code in Hack Club.

1. Open <https://github.com/join> (<https://github.com/join>) in a new tab and fill in:
 - your username (if you can't decide on one, your first and last name are a solid choice)
 - email (you'll be verifying your email in the next step)
 - password (you'll need to remember this!)
2. Verify your email by checking the inbox of the email you used
3. Open <https://gh.hackclub.com> (<https://gh.hackclub.com>) in a new tab and star the project by clicking the button on the top right that looks like this:

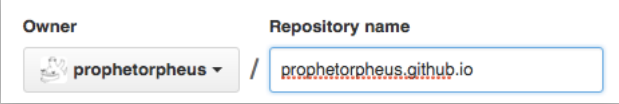


Pro tip: if you want a username that's already taken, you can often get it by contacting GitHub (<https://github.com/contact>) (this is actually how we got the `hackclub` username on GitHub). Make sure that the username isn't actively used by another user before reaching out. Click here (<https://help.github.com/articles/name-squatting-policy/>) for more details.

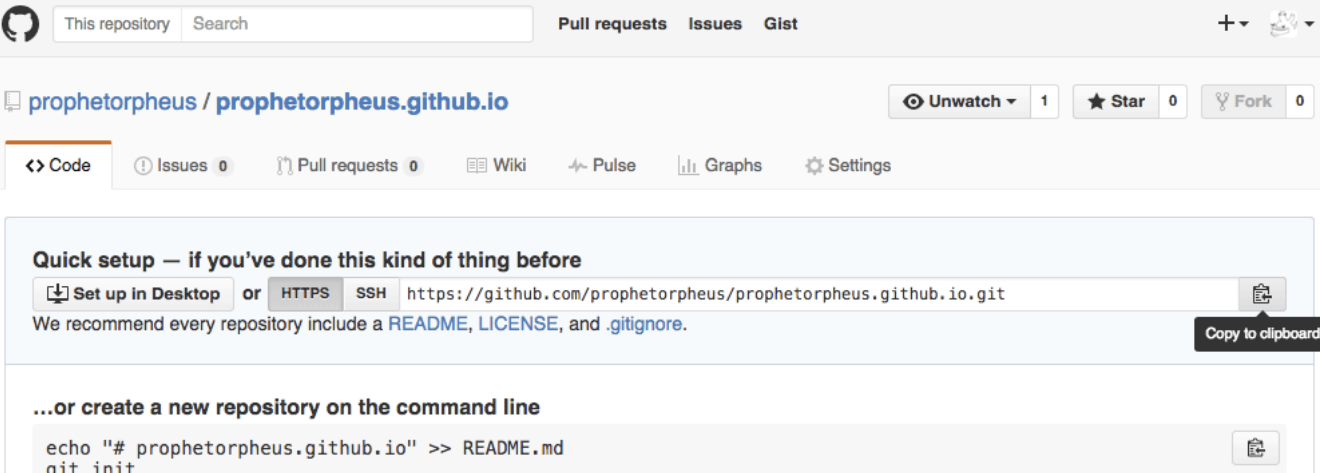
2) Creating Your First GitHub Repository

GitHub allows us to host our website using a service called GitHub Pages. This means that we can put the files of our website on GitHub and GitHub will give us a URL that we can share with the world.

1. Go to <https://github.com/new> (<https://github.com/new>)
2. Under "Repository name" write `USERNAME.github.io` (replace `USERNAME` with your actual username). You have to name your repository this in order for GitHub Pages to work correctly (we'll talk more about GitHub Pages later)



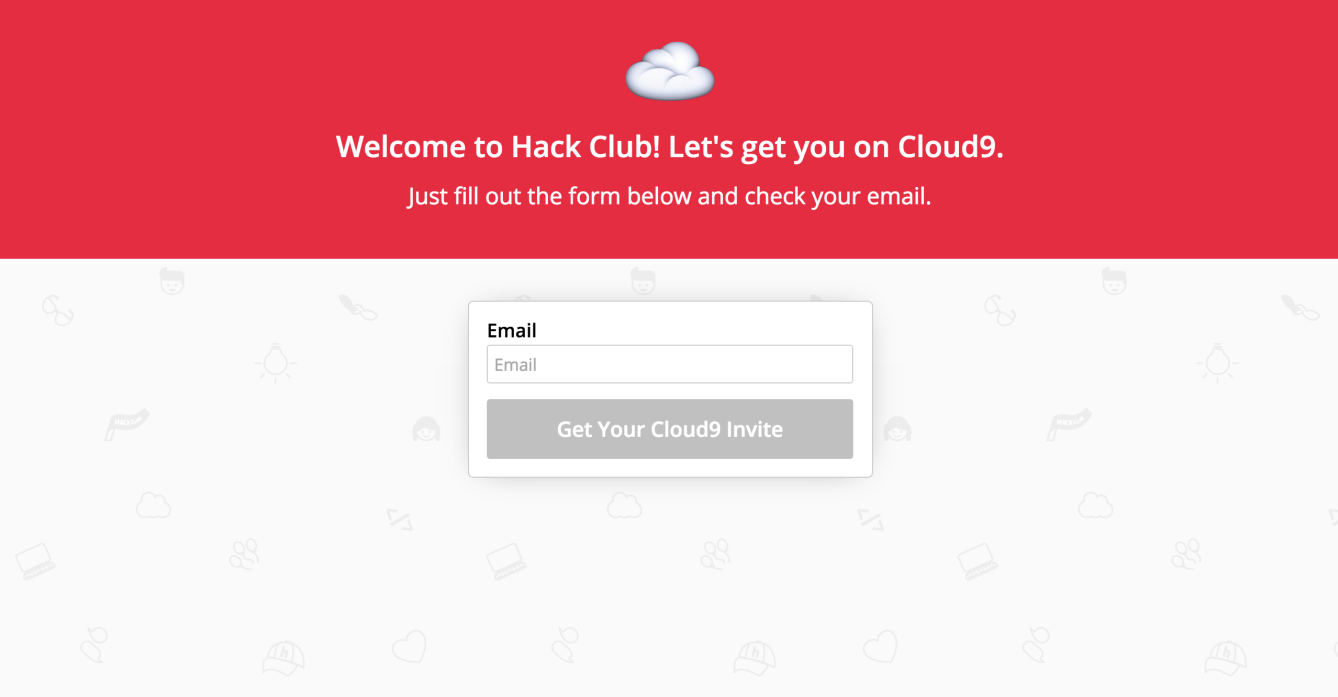
1. Yay! You've created your very first repository! Now, copy the "HTTPS link" at the top. You will need this link for the next step.



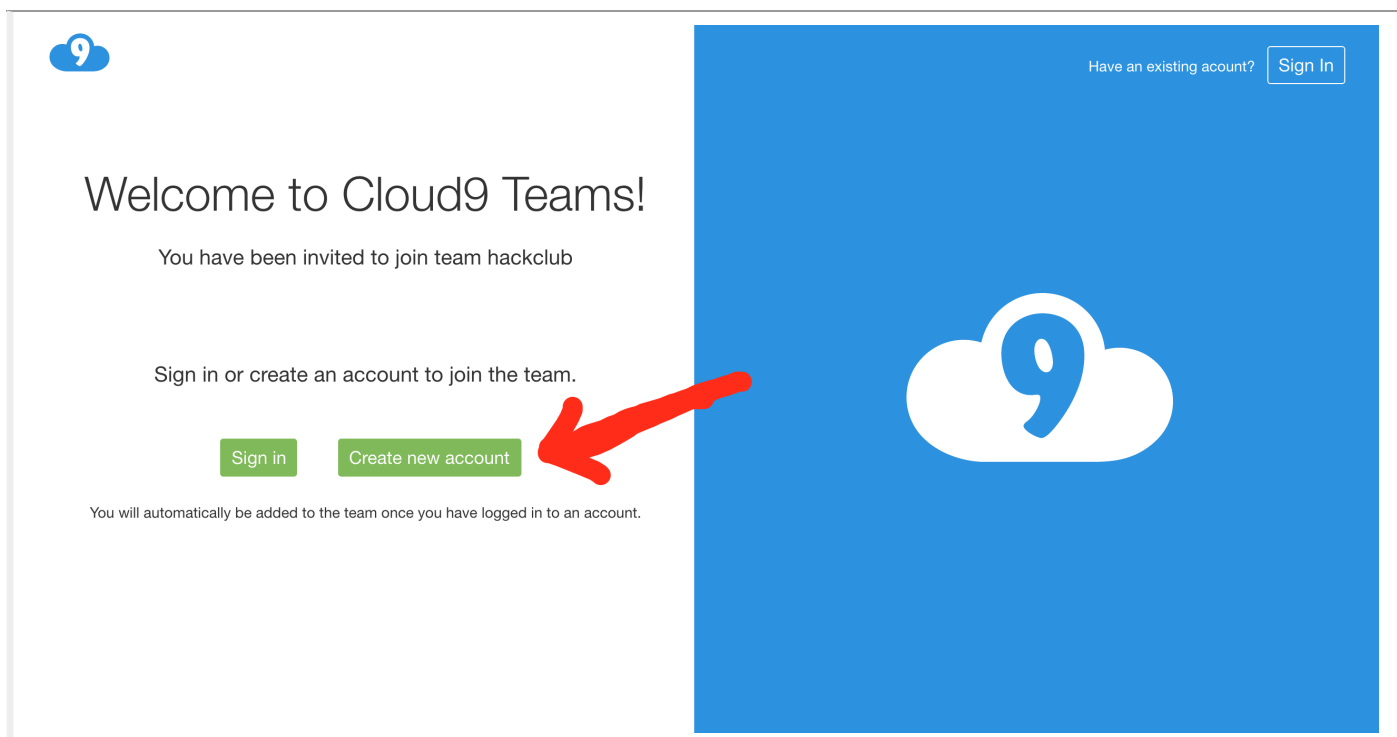
3) Signing Up for Cloud9

We'll be using a service called Cloud9 to write, save, and organize all the code we'll write in Hack Club.

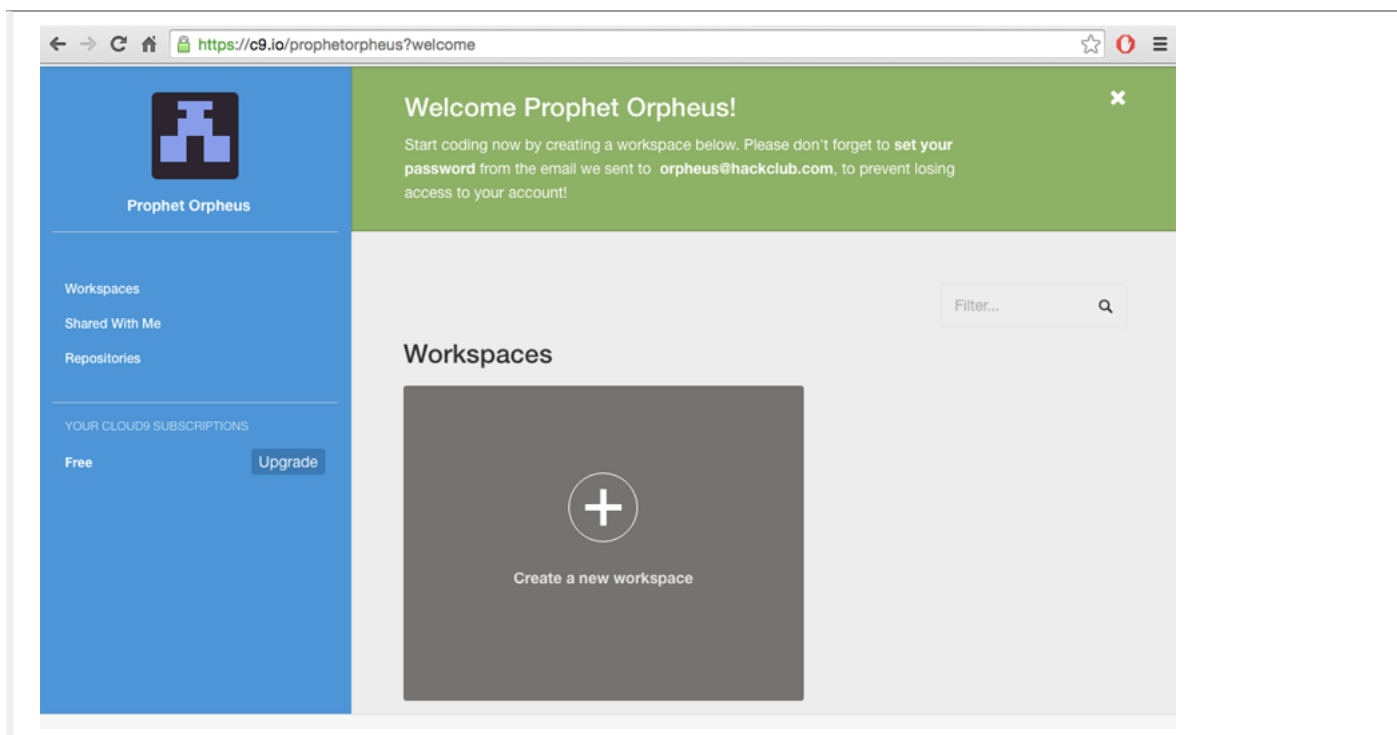
1. In a new tab, open https://new.hackclub.com/cloud9_setup (https://new.hackclub.com/cloud9_setup) and enter your email to get an invite.



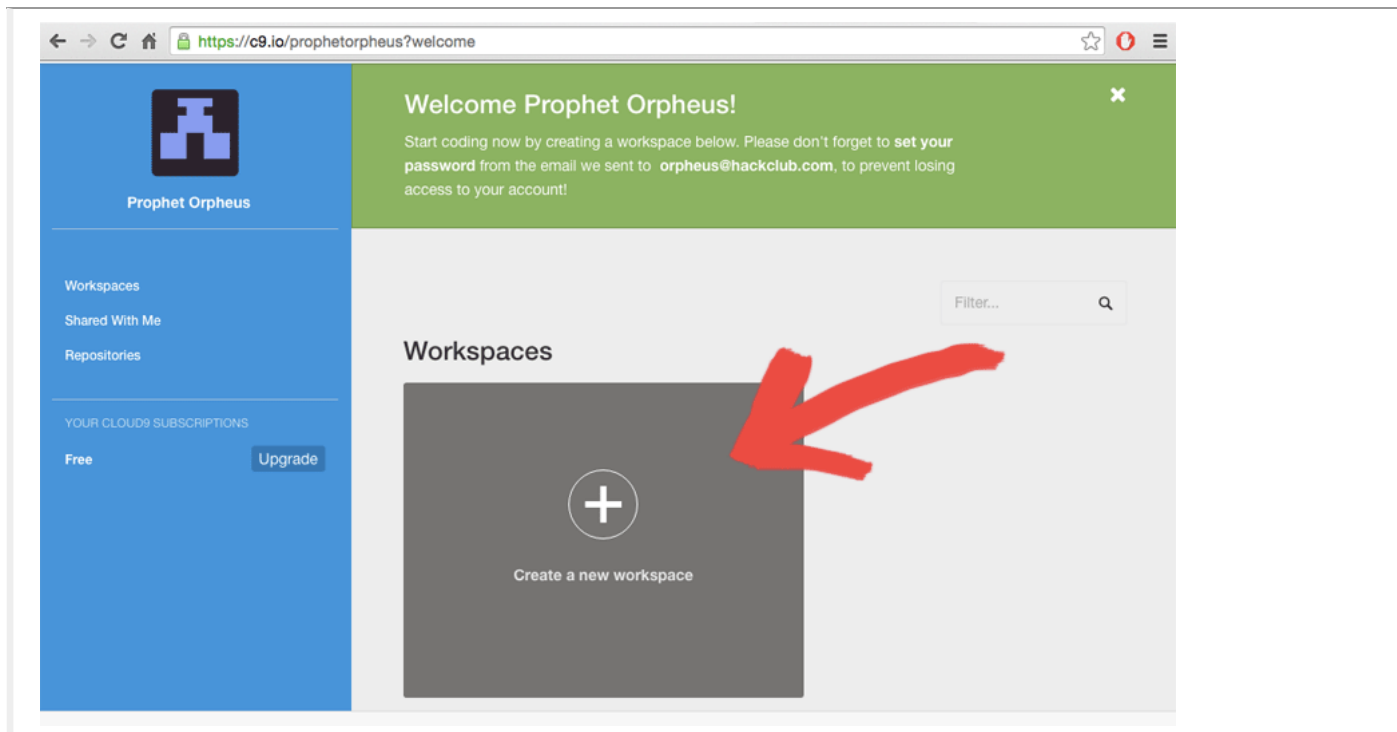
1. You'll get an invitation to join Hack Club on Cloud9 in your inbox. Click the link in the invite and you'll see this screen:.



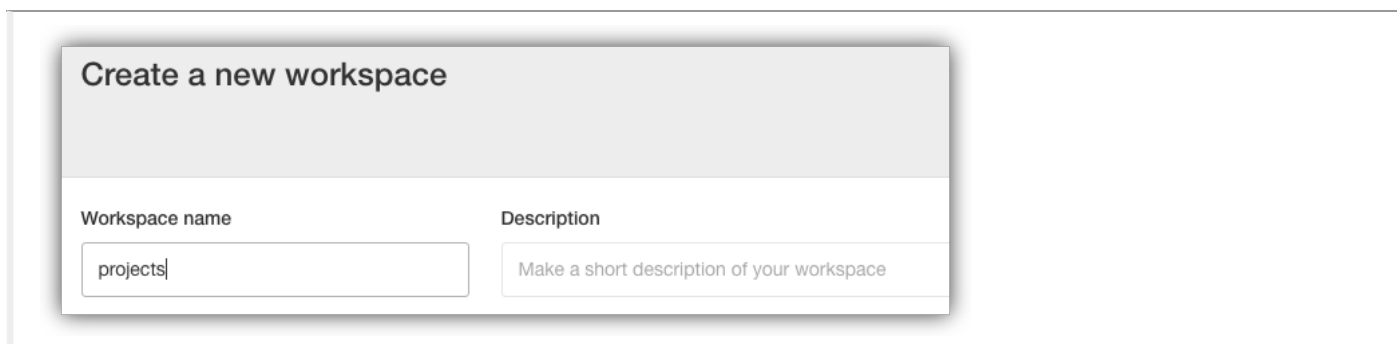
You should end up with a screen that looks like this:



1. Click the gray box that says "Create a new workspace".



1. Set the "Workspace name" to `projects`.

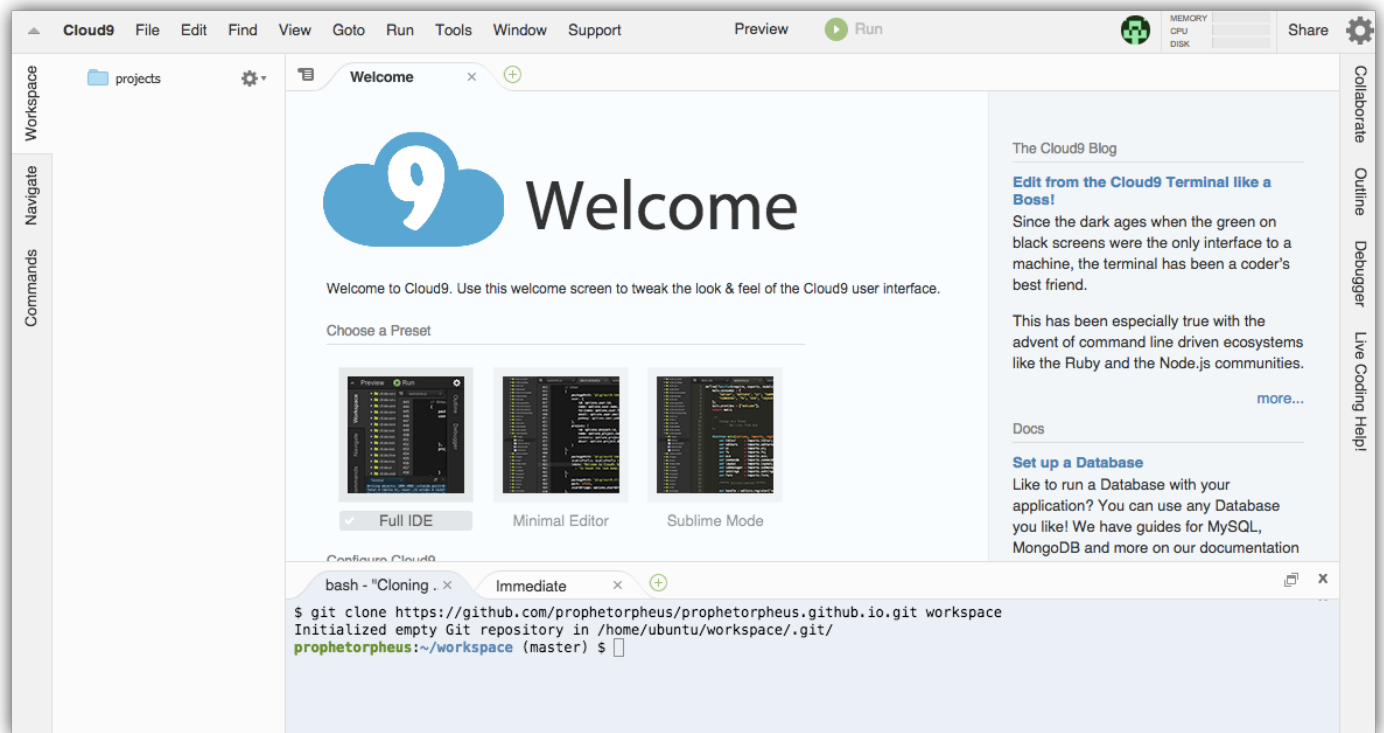


1. Under "Clone from Git or Mercurial URL", paste the HTTPS Link that you copied from your GitHub repository.



1. Click the green "Create Workspace" button at the bottom.

You should now see a screen looks something like this:



Congratulations, you've officially set up all of your coding tools for the semester!

Now we're ready to start the website!