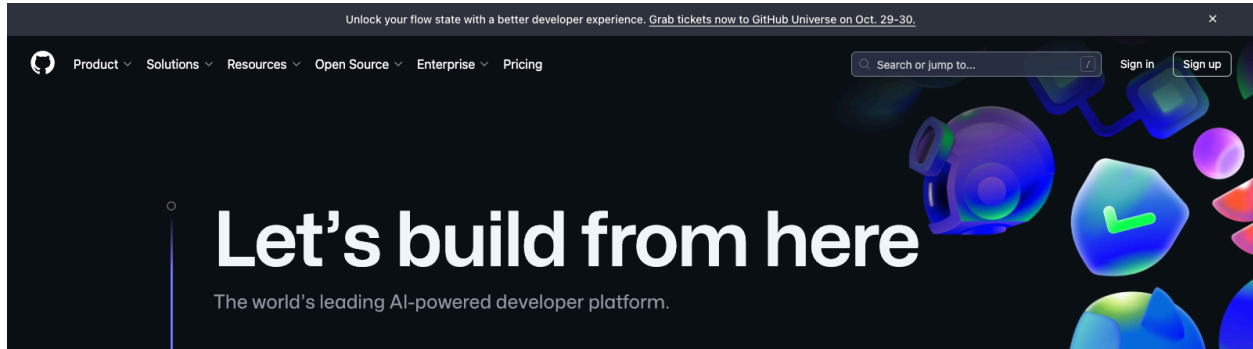


# Github Environment Setup Guide

## I. Setting up a Github Account:

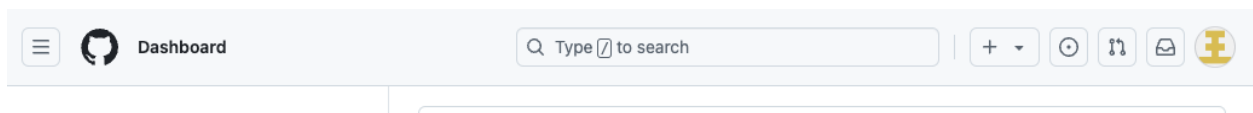
<https://github.com/>



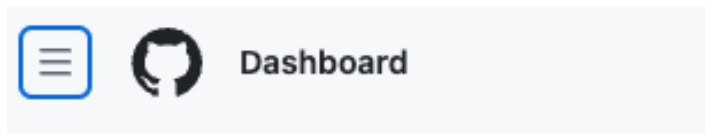
2. Click on the "Sign up" button in the upper right corner.
3. Enter your email address, create a password, choose a username, and follow the prompts to complete the sign-up process.
4. Check your email for a verification message from GitHub and follow the instructions to verify your email address.
5. Once your account is verified, you can set up your profile by adding a profile picture, bio, and other details if you wish.

## II. Creating a repository

1. Log into your Github account. In the upper right corner, click on the button and select your repositories.



2. Click on new to create a new repository.



Top repositories

 New

Find a repository...


- Create a repository name
- Click private
- Click Add a Readme file
- Click Create repository

## Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

*Required fields are marked with an asterisk (\*).*



Owner \*      Repository name \*

 AnGuozhen ▾ /

✔ demo is available.

Great repository names are short and memorable. Need inspiration? How about **studious-barnacle** ?

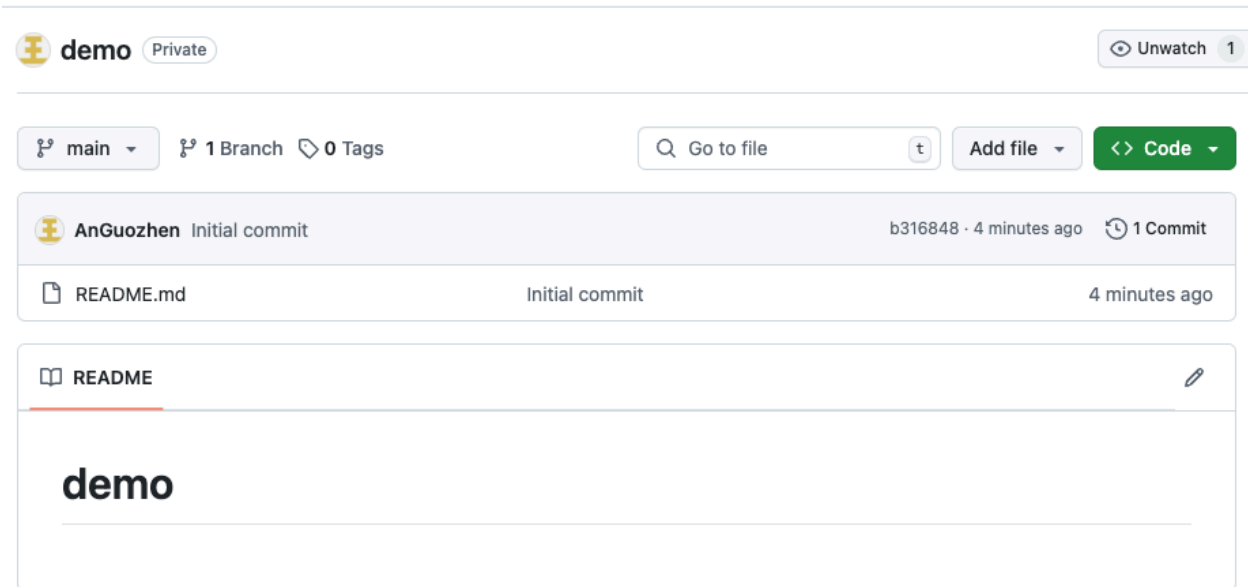
Description (optional)

- ☐  **Public**  
Anyone on the internet can see this repository. You choose who can commit.
- ☒  **Private**  
You choose who can see and commit to this repository.

Initialize this repository with:

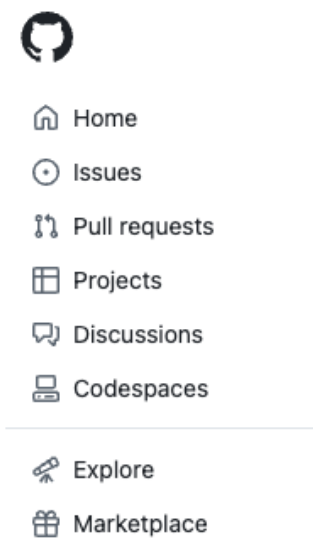
- ☒ **Add a README file**  
This is where you can write a long description for your project. [Learn more about READMEs.](#)

3. At this point, you have a virtual online drive that you can use to store data from your Codespace IDE.



### III. Creating Codespaces

1. Go to the upper left corner click on the drop down and go to Codespaces.




In the upper right corner, click on New codespaces.


### Your instant dev environment


Go from code to commit faster on any project.


[Go to docs](#)[New codespace](#)

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**Blank**  
By github   
  
Start with a blank canvas or import any packages you need.  
  
[Use this template](#)

**React**  
By github   
  
A popular JavaScript library for building user interfaces based on UI components.  
  
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**Jupyter Notebook**  
By github   
  
JupyterLab is the latest web-based interactive development environment for notebooks, code, and data.  
  
[Use this template](#)

**.NET**  
By github   
  
A full-stack web application template written in C# leveraging the power of .NET 8.  
  
[Use this template](#)

2. Select the repository and leave the default setting and click Create codespace.

## Create a new codespace

**Repository**  
To be cloned into your codespace

Select a repository ▾

**Branch**  
This branch will be checked out on creation

Default branch ▾

**Region**  
Your codespace will run in the selected region

US East ▾

**Machine type**  
Resources for your codespace

None ▾

Create codespace

3. Let's take a moment to load. Go back to the codespaces view and make some adjustments. Refresh the page, at the very top you will see the code space we just created, and it indicates that it's linked to the repository.

## Your codespaces

[Go to docs](#)[New codespace](#)

### Help us improve GitHub Codespaces

Tell us how to make GitHub Codespaces work better for you with three quick questions.

[Give feedback](#)

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#### Blank

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Start with a blank canvas or import any packages you need.

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#### React

By github



A popular JavaScript library for building user interfaces based on UI components.

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#### Jupyter Notebook

By github



JupyterLab is the latest web-based interactive development environment for notebooks, code, and data.

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#### .NET

By github



A full-stack web application template written in C# leveraging the power of .NET 8.

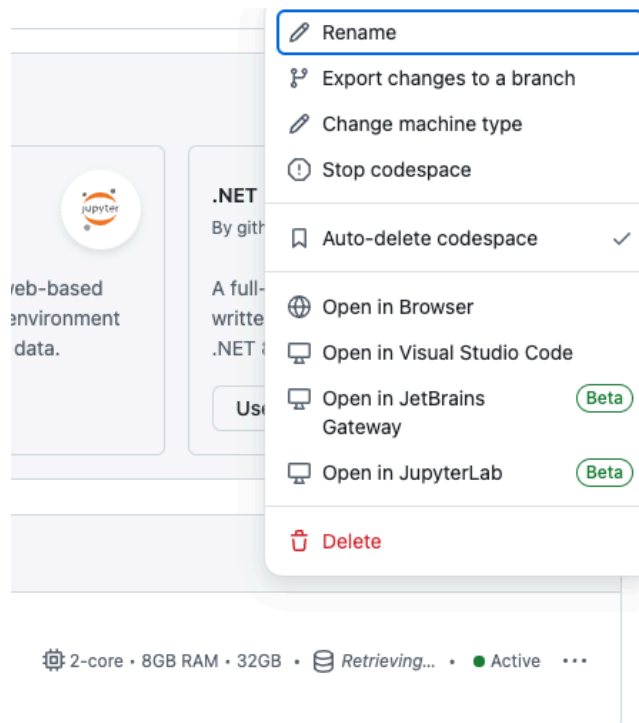
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Owned by AnGuozhen

AnGuozhen/demo  
**ubiquitous guacamole**  
main No changes

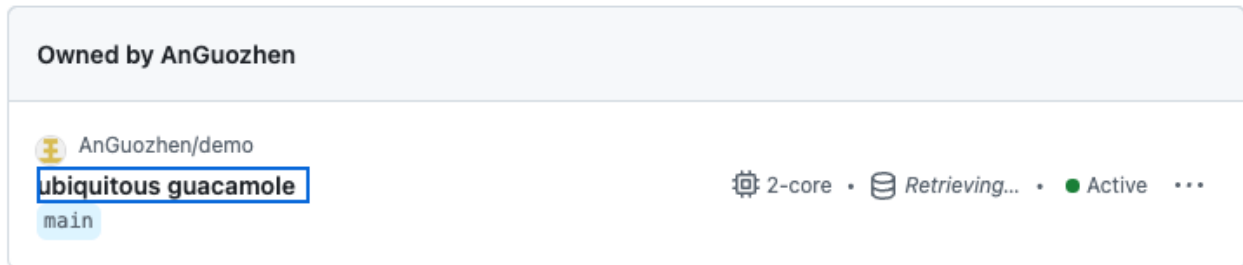
2-core • 8GB RAM • 32GB • Retrieving... • Active ...

4. Click ... to rename the codespace so that it will have a specific name rather than a random name like expert space goldfish. Also, click to disable Auto-delete codespace.

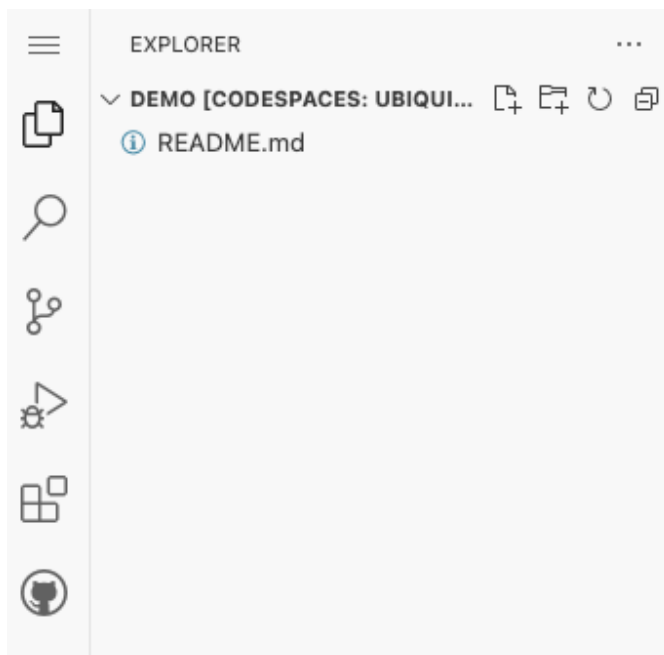


## IV. Configuring Codespaces

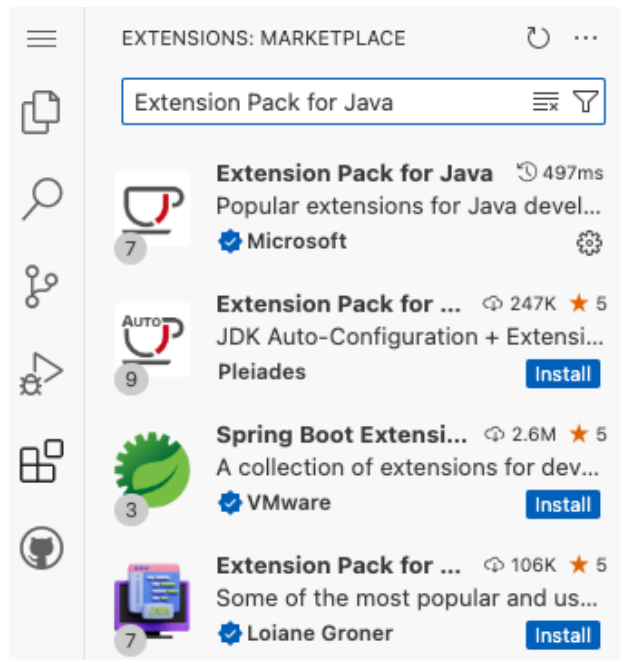
1. At this point, we need to configure the codespace for the language. Click the codespace just created.



2. Click on the extension icon on the left



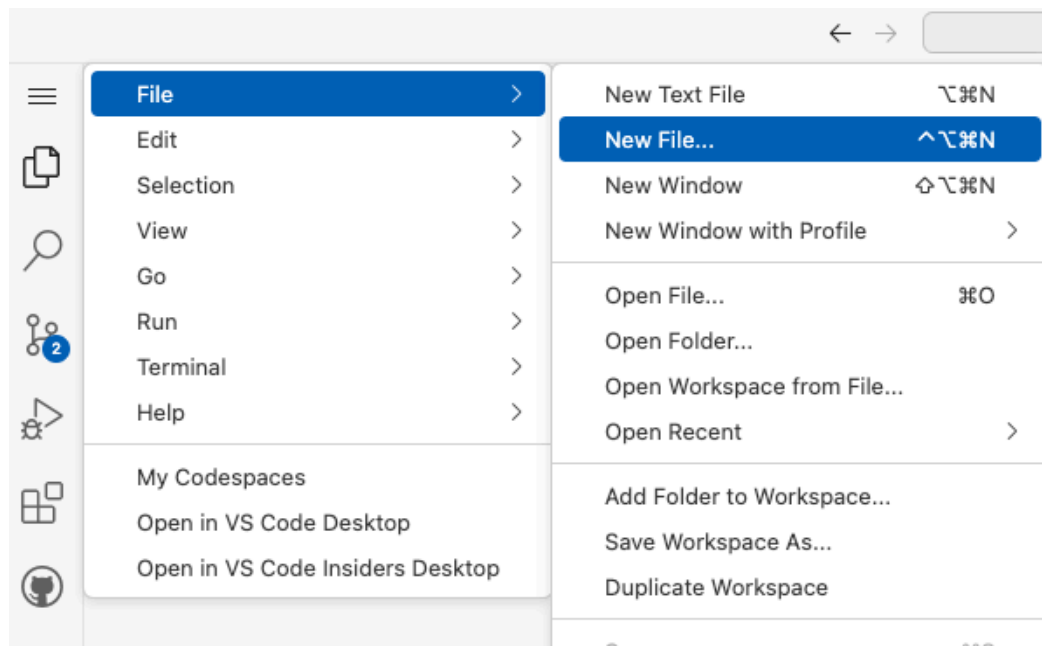
3. Type in **Extension Pack for Java** in the search box and install java package from Microsoft.



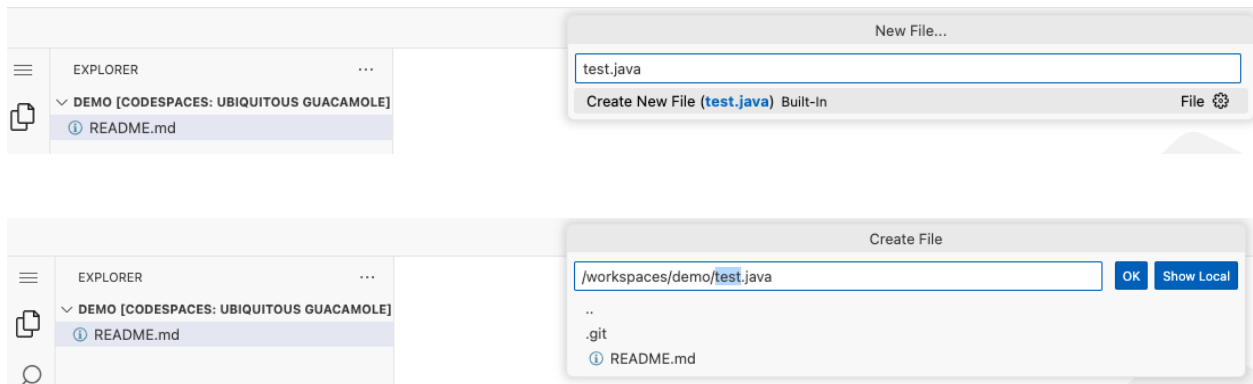
4. At this point, the codespace environment will recognize java.

## V. Test and run a simple test program

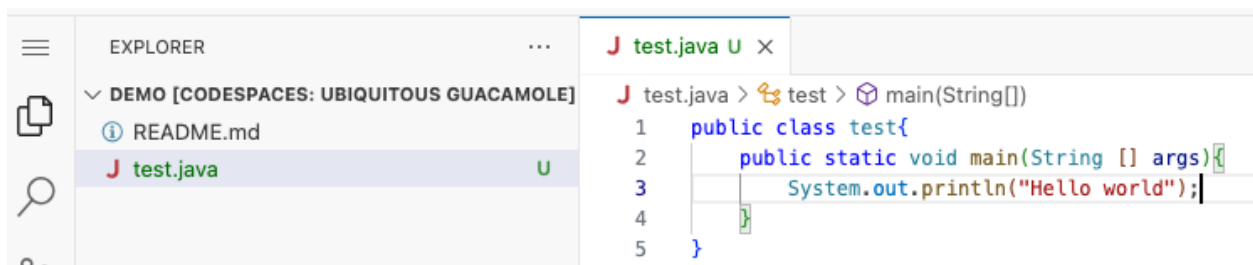
1. Click on menu on the left and select the **New File** from **File**.



2. Type the name, test.java for the file name, and press enter. Then the file path will show later. Click on OK button in green.



3. Type a simple java program below:



4. Run the program on the terminal.

