

# GitHub: Building Your Coding Profile

**Teaching Assistants**

Boston University

Mar. 24th, 2025





**GitHub**

***“collaborative, open sharing  
in the programming world”***



Robert Shaw

robertgshaw2-redhat

Unfollow

The Future of AI is Open

129 followers · 82 following

@redhat

Boston

@robertshaw21

in/robert-shaw-1a01399a

Sponsoring



Achievements



Block or Report

Pinned

vllm-project/vllm Public

A high-throughput and memory-efficient inference and serving engine for LLMs

Python 42.5k 6.4k

# Open-source Projects

vllm-project/llm-compressor Public

Transformers-compatible library for applying various compression algorithms to LLMs for optimized deployment with vLLM

Python 1.1k 102

1,172 contributions in the last year

## Contributions

2025

2024

2023

2022



@vllm-project

@neuralmagic

@librosa

More

Activity overview

Contributed to vllm-project/vllm, neuralmagic/nm-vllm, vllm-project/llm-compressor and 46 other repositories



## Commits, Code Review, Issues, Pull Request

Contribution activity

March 2025

Created 7 commits in 1 repository

vllm-project/vllm 7 commits

Created a pull request in vllm-project/vllm that received 19 comments

Mar 11

Sponsoring



## Achievements



Block or Report

## Contribution activity

March 2025

Created 7 commits in 1 repository

[vllm-project/vllm](#) 7 commits

Created a pull request in [vllm-project/vllm](#) that received 19 comments

Mar 11

### 🔧 [V1] [CI] Enable v1/entrypoints

SUMMARY: Enable v1/entrypoints tests

+10 -7 lines changed • 19 comments

Opened 15 other pull requests in 4 repositories

[vllm-project/vllm](#)  
[aarnphm/vllm](#)  
[yottalabsai/vllm](#)  
[njhill/vllm](#)

1 open 5 closed 5 merged  
1 merged 1 closed  
1 open  
1 merged

Reviewed 75 pull requests in 2 repositories

[vllm-project/vllm](#)  
[pytorch/xla](#)

25 pull requests  
1 pull request

Created an issue in [vllm-project/vllm](#) that received 7 comments

Mar 9

### 🐛 [Bug]: [V1] Molmo/Aria not supported on V1 due to xgrammar

Your current environment Cannot use these models on V1 due to Xgrammar assert 🐞 Describe the bug run the following `VLLM_USE_V1=1 pytest -s -x mod...`

1 task done • 7 comments

Opened 14 other issues in 2 repositories

[vllm-project/vllm](#)  
[ai-dynamo/dynamo](#)

8 open 5 closed  
1 closed

1 contribution in private repositories

Mar 5

2025

2024

2023

2022

# Specific Contributions

Credit: <https://github.com/robertgshaw2-redhat>























main

58 Branches 56 Tags

Go to file

Add file

Code

 <b>terrytangyuan</b> [DOC] Add Kubernetes deployment guide with CPUs (#14865) <span>3eb08ed · 3 hours ago</span> <span>5,366 Commits</span>	
 .buildkite	[Frontend] Support tool calling and reasoning parser (#14... yesterday
 .github	Replace misc issues with link to forum (#15226) 1 days ago
 benchmarks	[Misc] Add tuned R1 w8a8 and MoE configs for NVIDIA L2... 2 days ago
 cmake	[Attention] Flash Attention 3 - fp8 (#14570) 5 days ago
 csrc	[Kernel] allow non-contiguous input for marlin kernel (#14... 7 hours ago
 docs	[DOC] Add Kubernetes deployment guide with CPUs (#14... 3 hours ago
 examples	[Frontend] Support tool calling and reasoning parser (#14... yesterday
 requirements	[Core] Integrate fastsafetensors loader for loading mode... 5 hours ago
 tests	[Core] Integrate fastsafetensors loader for loading mode... 5 hours ago
 tools	Update deprecated Python 3.8 typing (#13971) 3 weeks ago
 vllm	[Hardware][Gaudi][Feature] Enable Dynamic MoE for Mixt... 4 hours ago
 .clang-format	[CI/Build] Enforce style for C++ and CUDA code with c lan... 10 months ago
 .dockerignore	[CI/Build] remove .github from .dockerignore, add dirty re... 5 months ago
 .gitignore	[V1] Enable V1 Fp8 cache for FA3 in the oracle (#15191) yesterday
 .pre-commit-config.yaml	[VLM] Limit multimodal input cache by memory (#14805) last week
 .readthedocs.yaml	Move requirements into their own directory (#12547) 2 weeks ago
 .shellcheckrc	[CI/Build] Add shell script linting using shellcheck (#7925) 4 months ago
 .yapfignore	[issue templates] add some issue templates (#3412) last year
 CMakeLists.txt	Update to torch==2.6.0 (#12721) last week
 CODE_OF_CONDUCT.md	[CI/Build] Auto-fix Markdown files (#12941) last month
 CONTRIBUTING.md	[Doc] Fix typo error in CONTRIBUTING.md (#10190) 4 months ago

Descriptions,  
Links,  
Keywords

## About

A high-throughput and memory-efficient inference and serving engine for LLMs

[docs.vllm.ai](https://docs.vllm.ai)

amd cuda inference pytorch  
transformer llama gpt rocm  
model-serving tpu hpu mllops  
xpu llm inferentia llmops  
llm-serving qwen deepseek  
trainium

 Readme Apache-2.0 license Code of conduct Security policy Activity Custom properties 42.5k stars 348 watching 6.4k forks

Report repository

## Releases 55

 **v0.8.1** Latest  
5 days ago[+ 54 releases](#)

## Sponsor this project

 **vllm-project** vLLM  [opencollective.com/vllm](https://opencollective.com/vllm)[Learn more about GitHub Sponsors](#)

Releases and Versions



Easy, fast, and cheap LLM serving for everyone

[Documentation](#) | [Blog](#) | [Paper](#) | [Twitter/X](#) | [User Forum](#) | [Developer Slack](#) |

[2025/03] We are collaborating with Ollama to host an [Inference Night](#) at Y Combinator in San Francisco on Thursday, March 27, at 6 PM. Discuss all things inference local or data center!

[2025/04] We're hosting our first-ever *vLLM Asia Developer Day* in Singapore on *April 3rd*! This is a full-day event (9 AM - 9 PM SGT) in partnership with SGInnovate, AMD, and Embedded LLM. Meet the vLLM team and learn about LLM inference for RL, MI300X, and more! [Register Now](#)

#### Latest News 🔥

- [2025/03] We hosted [the first vLLM China Meetup](#)! Please find the meetup slides from vLLM team [here](#).
- [2025/03] We hosted [the East Coast vLLM Meetup](#)! Please find the meetup slides [here](#).
- [2025/02] We hosted [the ninth vLLM meetup](#) with Meta! Please find the meetup slides from vLLM team [here](#) and AMD [here](#). The slides from Meta will not be posted.
- [2025/01] We are excited to announce the alpha release of vLLM V1: A major architectural upgrade with 1.7x speedup! Clean code, optimized execution loop, zero-overhead prefix caching, enhanced multimodal support, and more. Please check out our blog post [here](#).
- [2025/01] We hosted [the eighth vLLM meetup](#) with Google Cloud! Please find the meetup slides from vLLM team [here](#), and Google Cloud team [here](#).
- [2024/12] vLLM joins [pytorch ecosystem](#)! Easy, Fast, and Cheap LLM Serving for Everyone!

▶ Previous News

## About

vLLM is a fast and easy-to-use library for LLM inference and serving.

Originally developed in the [Sky Computing Lab](#) at UC Berkeley, vLLM has evolved into a community-driven project with contributions from both academia and industry.

vLLM is fast with:

# README.MD

## Markdown Syntax



main 59 Branches 56 Tags

## Switch branches/tags

Find a branch...

Branches Tags

✓ main default

add-python-3.13

reduce\_scatter\_comm

revert\_marlin\_banda

revert\_10902

revert-12613

rob-fixes

running-deque

torch\_dynamo

tpu\_v1\_optimized

View all branches

.clang-format

.dockerignore

.gitignore

.pre-commit-config.yaml

.readthedocs.yaml

.shellcheckrc

.yapfignore

CMakeLists.txt

CODE\_OF\_CONDUCT.md

CONTRIBUTING.md

Go to file

Add file

&lt;&gt; Code

Deployment guide with CPUs (#14865) 3eb08ed · 3 hours ago 5,366 Commits

[Frontend] Support tool calling and reasoning parser (#14... yesterday

Replace misc issues with link to forum (#15226) 4 days ago

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[Doc] Fix typo error in CONTRIBUTING.md (#10190) 4 months ago

## Branches

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transformer llama gpt rocm  
model-serving tpu hpu mllops  
xpu llm inferentia llmops  
llm-serving qwen deepseek  
trainium

Readme

Apache-2.0 license

Code of conduct

Security policy

Activity

Custom properties

42.5k stars

348 watching

6.4k forks

Report repository

## Releases 55

v0.8.1 Latest  
5 days ago

+ 54 releases

## Sponsor this project

[vllm-project vLLM](#)[opencollective.com/vllm](#)

Learn more about GitHub Sponsors

main 59 Branches 56 Tags

## Switch branches/tags

Find a tag...

Branches Tags

v0.8.2  
v0.8.1  
v0.8.0  
v0.8.0rc2  
v0.8.0rc1  
v0.7.3  
v0.7.2  
v0.7.1  
v0.7.0  
v0.6.6

View all tags

.clang-format

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CODE\_OF\_CONDUCT.md

CONTRIBUTING.md

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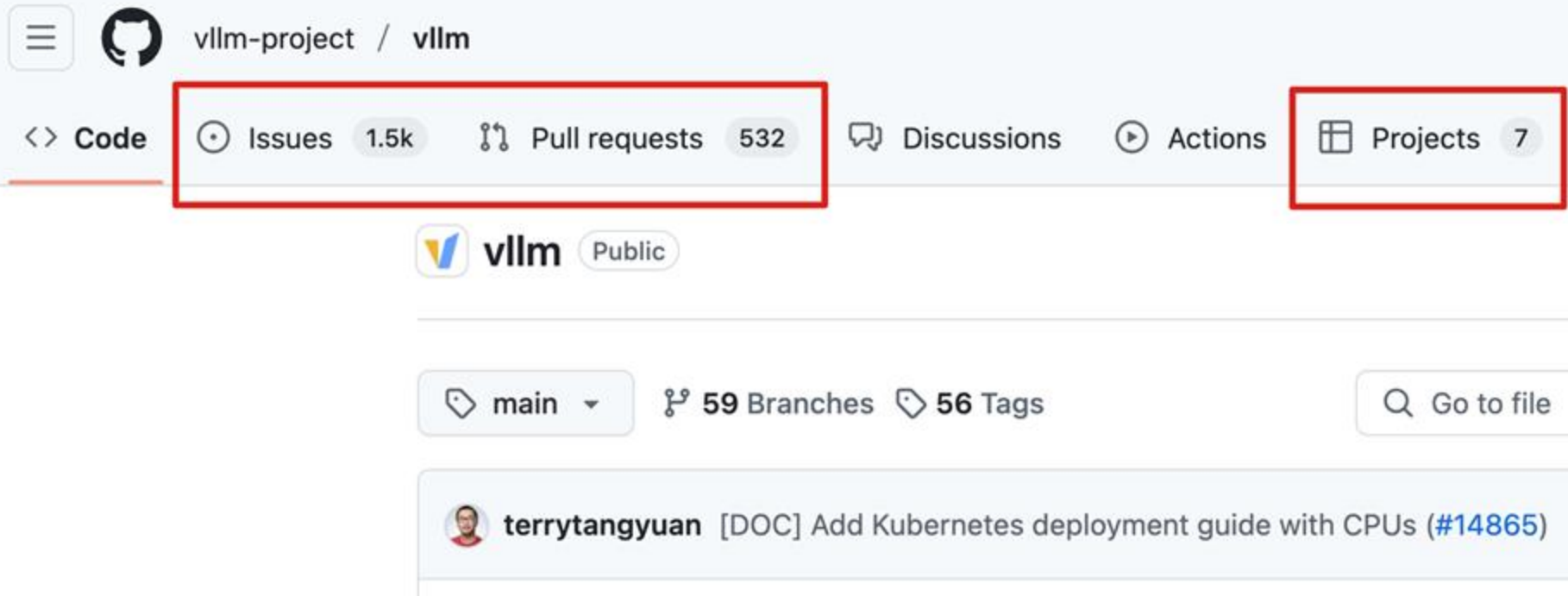
## Sponsor this project

vllm-project vLLM

opencollective.com/vllm

Learn more about GitHub Sponsors





## Issues, Pull Requests, Projects

# Issues

vllm-project / vllm

Q

Type [/](#) to search

<> Code

Issues

1.5k

Pull requests

532

Discussions

Actions

Projects

7

Security

4

Insights

Preview

[Roadmap] vLLM Roadmap Q1 2025

#11862 · simon-mo opened on Jan 8

8

[V1] Feedback Thread

#12568 · simon-mo opened on Jan 29

78

is:issue state:open

Labels

Milestones

New issue

Open 1,518

Closed 5,879

Author

Labels

Projects

Milestones

Assignees

Types

Newest

[Bug]: Uncaught exception | `<class 'ValueError'>; Qwen2_5_VLModel has no vLLM implementation and the Transformers implementation is not compatible with vLLM`

bug

#15411 · ItzAmirreza opened 2 hours ago

[Feature]: Implement Embedding Models in V1 

feature request

#15406 · robertgshaw2-redhat opened 4 hours ago

[Bug]: `Phi-4-multimodal-instruct` encoder outputs didn't have the same length as defined in `input_ids`

bug

#15404 · Luffy-ZY-Wang opened 5 hours ago

[Feature]: JSON based tool calling for Gemma 3 

feature request

#15403 · venki-lfc opened 5 hours ago

[Bug]: Error when use vllm in distributed environment 

bug

#15399 · always-H opened 7 hours ago

1

[Bug]: AttributeError: Model PixtralForConditionalGeneration does not support BitsAndBytes quantization yet. No 'packed\_modules\_mapping' found. 

bug

#15396 · devops724 opened 8 hours ago

[Feature]: Add Warning for Chat Template Mismatches similar to SGLang 

feature request

good first issue

#15395 · xihajun opened 8 hours ago

1 1

[Bug]: RequestMetrics object (accessed through `output[0].metrics`) is None 

bug

#15394 · minoskt opened 8 hours ago

1

[Bug]: Batch embedding inference is inconsistent with hf 

bug



Projects

Templates

## Welcome to projects

Built like a spreadsheet, project tables give you a live canvas to filter, sort, and group issues and pull requests. Tailor them to your needs with custom fields and saved views.

[Learn more](#)


is:open

7 Open 0 Closed

Sort

### Multi-modality Core

#8 updated 4 hours ago

Main tasks for the multi-modality workstream (#4194)

...

### DeepSeek V3/R1

Template

#5 updated 5 hours ago

2025-02-25: DeepSeek V3/R1 is supported with optimized block FP8 kernels, MLA, MTP spec decode, multi-node PP, EP, and W4A16 quantization

...

### Onboarding Tasks

#6 updated 18 hours ago

A list of onboarding tasks for first-time contributors to get started with vLLM.

...

### Ray

#7 updated 3 days ago

Tracks Ray issues and pull requests in vLLM

...

### Multi-modal Model Requests

#10 updated 5 days ago

Community requests for multi-modal models

...

### [V1] Speculative Decoding

# Projects

# DeepSeek V3/R1

[Increased items preview](#)

[Feedback](#)

[Public template](#)

2025-02-25: DeepSeek V3/R1 is supported with optimized block FP8 kernels, MLA, MTP spec decode, multi-node PP, EP, and W4A16 quantization

Status board

My items

Filter by keyword or by field

## Roadmap/Status board

### Backlog 48

This item hasn't been started

vllm #14939

[Bug]: AssertionError with Speculative Decoding in vLLM Using DeepSeek R1 Distill Qwen Models

bug

vllm #12860

[Bug]: Can not load DeepSeek-R1-Distill-Llama-70B with VLLM

bug

vllm #14266

[Bug]: weight\_loader of fp8 weights are wrongly set to None. [Deepseek V3/R1]

bug

vllm #15044

[Bug]: CPU infrencing won't work for DeepSeek-R1

bug

vllm #15333

[Bug]: Can't deserialize object: ObjectRef, DeepSeek R1, H20\*16, pp2, tp8, v1 engine

bug

### In progress 3

This is actively being worked on

vllm #13282

[Bug]: DeepSeek-R1-Distill-Llama-70B max\_model\_len can not larger than 8192

bug

vllm #13074

[Usage]: Context Size Limitation and CUDA OOM with DeepSeek R1 on 2 Nodes (TP8 PP2, 16 GPUs with 141GB VRAM Each)

usage

vllm #13630

[WIP][Kernel] Flashinfer MLA support

ci/build

documentation

v1

### Done 48

This has been completed

vllm #13833

DeepSeek V2/V3/R1 only place lm\_head on last pp rank

ready

vllm #12597

Implement MLA for deepseek v3/r1

vllm #13839

Improve pipeline partitioning

ready

vllm #14028

Using vllm to deploy DeepSeek- R1-distil-qwen-32B-q4\_k\_M. gguf does not have <think> when output, how to solve this problem

usage

vllm #13867

[Attention] Flash MLA for V1

ci/build

ready

v1

vllm #13789

[Attention] MLA support for V1



# Outline

- Git & GitHub
- Basic Git Commands
- Pull Requests & Code Review
- Branches and Merging
- Actions & Automating Tests
- README Examples

# Part 1 - Git and GitHub

## ■ Git

- **Developer:** Linus Torvalds
- Initially for Linux projects
- Extend to collaborative & open-source projects
- **Version control** system
- Tracks changes in files
- **Multiple branches** support
- **Multiple user** support
- **Codes merging**
- In 2023, [93% developers](#) use GitHub



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

# Part 1 - Git and GitHub

## ■ GitHub

- Cloud-based platform
- GitHub copilot
- create, store, manage, and share codes
- Create and store your code in a repository
- Share your work
- Let others **review** your code and make suggestions
- **Collaborate** on a shared project



**Build and ship software on a  
single, collaborative platform**

Join the world's most widely adopted AI-powered developer platform.

## Part 2 - Basic Git Commands

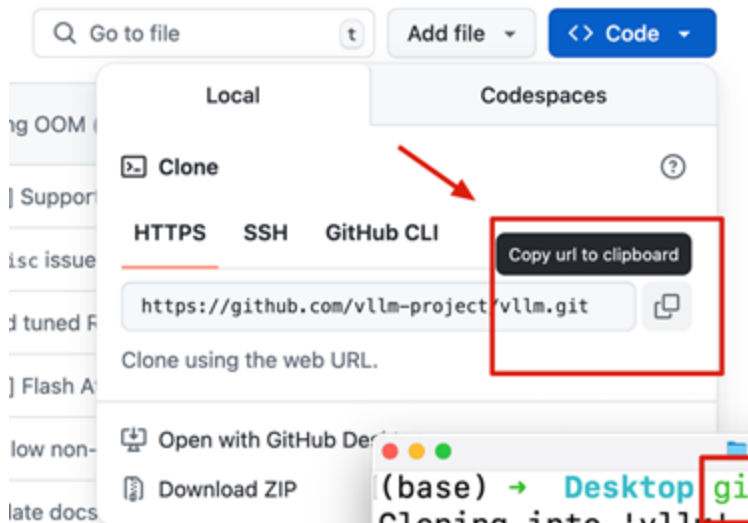
- Download Codes (manually)

The screenshot shows the GitHub repository page for `vllm`. The repository is public, has 348 watches, 6.4k forks, and 42.5k stars. The 'Code' dropdown menu is open, showing options for cloning (HTTPS, SSH, GitHub CLI) and downloading (Open with GitHub Desktop, Download ZIP). A red box highlights the 'Download ZIP' option, and a red arrow points to it from the right side of the page. The repository description is 'A high-throughput and memory-efficient inference and serving engine for LLMs'. The 'About' section lists various models and frameworks supported, including `and`, `cuda`, `inference`, `pytorch`, `transformer`, `llama`, `gpt`, `rocm`, `model-serving`, `tpu`, `hpu`, `mlsops`, `xpu`, `llm`, `inferentia`, `llmops`, `llm-serving`, `qwen`, `deepseek`, and `trainium`. The 'Releases' section shows the latest version is `v0.8.1`, released 5 days ago.

## Part 2 - Basic Git Commands

### ■ Download Codes

- Copy the link of this repo
- `git clone https://github.com/vllm-project/vllm.git`



**Step 1: copy the link**

**Step 2: git clone link**

```
Desktop — bruceiaa@crc-dot1x-nat-10-239-117-18 — ~/Desktop — zsh — 76x11
(base) → Desktop git clone https://github.com/vllm-project/vllm.git
Cloning into 'vllm'...
remote: Enumerating objects: 62560, done.
remote: Counting objects: 100% (209/209), done.
remote: Compressing objects: 100% (141/141), done.
remote: Total 62560 (delta 131), reused 69 (delta 68), pack-reused 62351 (fr
om 3)
Receiving objects: 100% (62560/62560), 41.01 MiB | 9.04 MiB/s, done.
Resolving deltas: 100% (48473/48473), done.
(base) → Desktop
```



## Part 2 - Basic Git Commands

- **Upload Codes** → **First create a repo on your profile**

The screenshot shows the GitHub profile of 'robertshaw2-redhat'. The profile includes a bio, a pinned repository 'vllm-project/vllm', and a contribution graph showing 1,173 contributions in the last year. A red arrow points from the 'New repository' option in the top-right dropdown menu to the 'vllm-project/vllm' repository card.

**Profile Information:**

- Name:** Robert Shaw
- Username:** robertshaw2-redhat
- Location:** Boston
- Website:** @robertshaw21
- LinkedIn:** in/robert-shaw-1a01399a

**Repositories:**

- vllm-project/vllm** (Public): A high-throughput and memory-efficient inference and serving engine for LLMs. 42.5k stars, 6.4k forks.
- vllm-project/llm-compressor** (Public): Transformers-compatible library for applying various compression algorithms to LLMs for optimized deployment with vLLM. 1.1k stars, 103 forks.

**Activity Overview:**

- Contributed to:** vllm-project/vllm, neuralmagic/nm-vllm, vllm-project/llm-compressor and 46 other repositories.
- Activity breakdown:** 48% Code review, 26% Pull requests, 22% Commits, 4% Issues.

**Contribution Graph:** 1,173 contributions in the last year. The graph shows a consistent pattern of contributions across the months of the year.

**Dropdown Menu Options:**

- New repository (highlighted)
- Import repository
- New codespace
- New gist
- New organization
- New project

## Part 2 - Basic Git Commands

### ■ Upload Codes

#### 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 \*

 vkola-lab

Repository name \*

my-project-name  
☒ my-project-name is available.

Great repository names are short and memorable. Need inspiration? How about [congenial-octo-adventure](#) ?

Description (optional)

This is a short description of my project.

☒



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](#).

Add .gitignore

.gitignore template: None

Choose which files not to track from a list of templates. [Learn more about ignoring files](#).

Choose a license

License: MIT License

A license tells others what they can and can't do with your code. [Learn more about licenses](#).

This will set `main` as the default branch.

 You are creating a public repository in the vkola-lab organization.

1: Repo name

2: Description

3: Public/Private

4: README.MD

5: License

## Part 2 - Basic Git Commands

- **Commit and Upload Codes**
- **First way:** drag and drop the code files
- **Second way:** terminal
  - **Add the codes** in the current folder to git
    - `git add .`
  - **Commit the codes**
    - `git commit -m "Update my lovely codes!"`
  - **Push the codes**
    - `git push`

## Part 3 - Pull Requests & Code Review

- Fork the Codes if you haven't made the changes

The screenshot shows the GitHub repository page for 'grade-school-math' by 'openai'. The repository is public and has 171 forks and 1.2k stars. The 'Fork' button is highlighted with a red box, and a red arrow points from it to the 'README' section of the repository. The 'README' section contains the following text:

Status: Archive (code is provided as-is, no updates expected)

### Grade School Math

[[Blog Post](#)] [[Paper](#)]

State-of-the-art language models can match human performance on many tasks, but they still struggle to robustly perform multi-step mathematical reasoning. To diagnose the failures of current models and support research, we're releasing GSM8K, a dataset of 8.5K high quality linguistically diverse grade school math word problems. We find that even the largest transformer models fail to achieve high test performance, despite the conceptual simplicity of this problem distribution.

**Problem:** Both bakes 4.2 dozen batches of cookies in a week. If these cookies are shared amongst 16 people equally, how many cookies does each person consume?

**Solution:** Both bakes 4.2 dozen batches of cookies for a total of  $4 \times 2 = 8$  dozen cookies. There are 12 cookies in a dozen and she makes 8 dozen cookies for a total of  $12 \times 8 = 96$  cookies. She splits the 96 cookies equally amongst 16 people so they each eat  $96 / 16 = 6$  cookies.

**Final Answer:** 6

## Part 3 - Pull Requests & Code Review

- Fork the Codes if you haven't made the changes

The screenshot shows a GitHub repository page for 'grade-school-math' by user 'SuperBruceJia'. The repository is a fork of 'openai/grade-school-math'. The page displays the repository's structure, including files like 'grade\_school\_math', 'LICENSE', 'README.md', and 'setup.py'. The README is visible, showing the project's status as an archive and a description of the 'Grade School Math' dataset. The right sidebar contains sections for 'About', 'Releases', 'Packages', 'Languages' (showing Python at 100.0%), and 'Suggested workflows' (showing Django).

SuperBruceJia / grade-school-math

Search: Type to search

Code Pull requests Actions Projects Wiki Security Insights Settings

grade-school-math Public

forked from openai/grade-school-math

Pin Watch 0 Fork 0 Starred 1

master 1 Branch 0 Tags

Go to file Add file Code

This branch is 2 commits ahead of openai/grade-school-math:master. Contribute Sync fork

SuperBruceJia update c8fc58d · 2 years ago 7 Commits

grade_school_math	update	2 years ago
LICENSE	release	4 years ago
README.md	update readme	4 years ago
setup.py	release	4 years ago

README License

Status: Archive (code is provided as-is, no updates expected)

### Grade School Math

[Blog Post] [Paper]

State-of-the-art language models can match human performance on many tasks, but they still struggle to robustly perform multi-step mathematical reasoning. To diagnose the failures of current models and support research, we're releasing GSM8K, a dataset of 8.5K high quality linguistically diverse grade school math word problems. We find that even the largest transformer models fail to achieve high test performance, despite the conceptual simplicity of this problem distribution.

No description, website, or topics provided.

Readme Activity 1 star 0 watching 0 forks

Releases No releases published Create a new release

Packages No packages published Publish your first package

Languages Python 100.0%

Suggested workflows Based on your tech stack

dj Django Configure



## Part 3 - Pull Requests & Code Review

- Make any changes to the codes → Commit

Filter files...

grade\_school\_math/data

train.jsonl

1 file changed +1 -1 lines changed

↑ Top Search within code

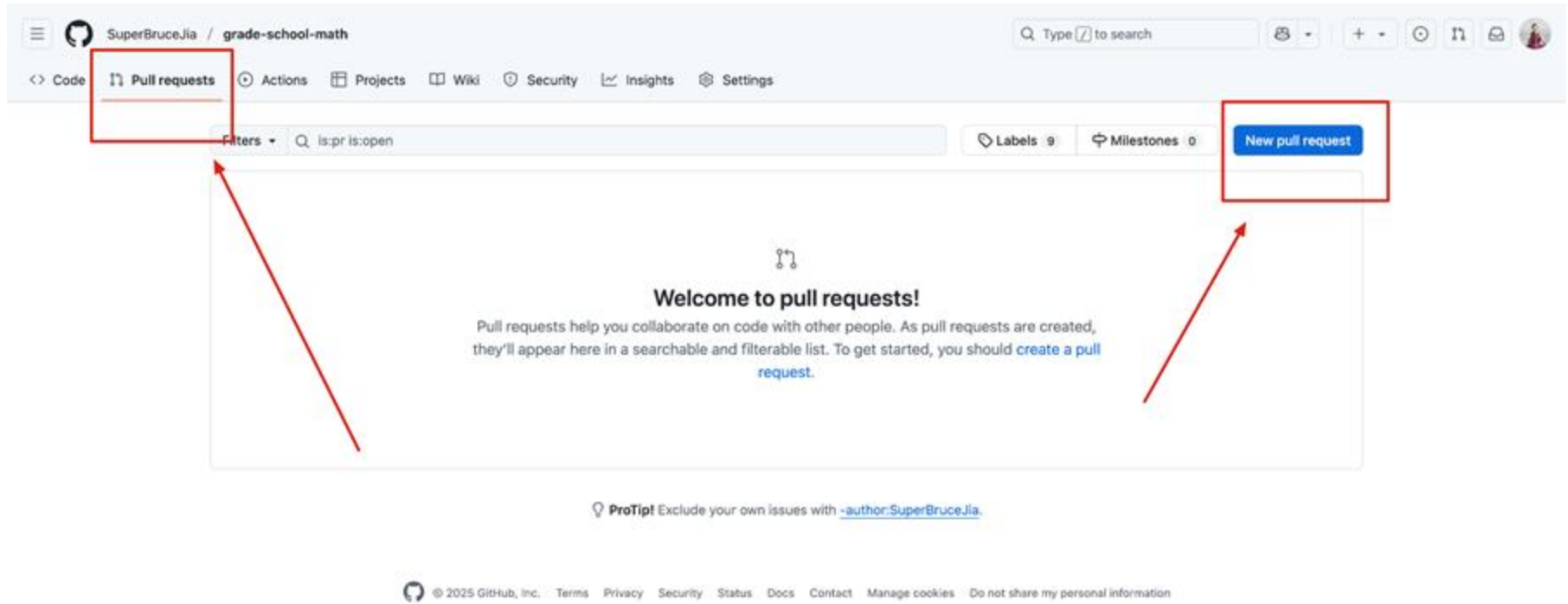
grade\_school\_math/data/train.jsonl

```
original order was $25 and they added $10.00 so his new order is 25+10 = $<<25+10=35.00>>35.00\n#### 35")\n4518 4518 {"question": "A fruit basket consists of 4 bananas, 3 apples, 24 strawberries, 2 avocados, and a bunch of grapes. One banana costs $1. An apple costs $2. 12\nstrawberries cost $4. An avocado costs $3, and half a bunch of grapes costs $2. What is the total cost of the fruit basket?", "answer": "The bananas cost 4 x\n$1 = $<<4*1=4>>4\nThe apples cost 3 x $2 = $<<3*2=6>>6\nThe strawberries cost (24/12) x $4 = $<<(24/12)*4=8>>8\nThe avocados cost 2 x $3 = $<<2*3=6>>6\nThe\ngrapes cost 2 x $2 = $<<2*2=4>>4\nThe total cost of the fruit basket is $4 + $6 + $8 + $6 + $4 = $<<4+6+8+6+4=28>>28\n#### 28")\n4519 - {"question": "Carl is figuring out how much he'll need to spend on gas for his upcoming road trip to the Grand Canyon. His car gets 30 miles per gallon in\ncities and 40 miles per gallon on the highway. The distance from his house to the Grand Canyon, one way, is 60 city miles and 200 highway miles. If gas costs\n$3.00 per gallon, how much will Carl need to spend?", "answer": "First figure out how many city miles Carl will drive round trip by multiplying the one-way\nnumber of city miles by 2: 60 miles * 2 = <<60*2=120>>120 miles\nThen figure out how many highway miles Carl will drive round trip by multiplying the one-way\nnumber of highway miles by 2: 200 miles * 2 = <<200*2=400>>400 miles\nNow divide the round-trip number of city miles by the number of city miles per gallon\nCarl's car gets: 120 miles / 30 mpg = <<120/30=4>>4 gallons\nNow divide the round-trip number of highway miles by the number of highway miles per gallon\nCarl's car gets: 400 miles / 40 mpg = <<400/40=10>>10 gallons\nNow add the gallons for the highway miles and the city miles to find the total number of\ngallons Carl needs to buy: 10 gallons + 4 gallons = <<10+4=14>>14 gallons\nFinally, multiply the number of gallons Carl needs to buy by the cost per gallon to\nfind out how much he spends: 14 gallons * $3.00 = $<<14*3=42.00>>42.00\n#### 42")\n4519 + {"question": "Carl is figuring out how much he'll need to spend on gas for his upcoming round trip to the Grand Canyon. His car gets 30 miles per gallon in\ncities and 40 miles per gallon on the highway. The distance from his house to the Grand Canyon, one way, is 60 city miles and 200 highway miles. If gas costs\n$3.00 per gallon, how much will Carl need to spend?", "answer": "First figure out how many city miles Carl will drive round trip by multiplying the one-way\nnumber of city miles by 2: 60 miles * 2 = <<60*2=120>>120 miles\nThen figure out how many highway miles Carl will drive round trip by multiplying the one-way\nnumber of highway miles by 2: 200 miles * 2 = <<200*2=400>>400 miles\nNow divide the round-trip number of city miles by the number of city miles per gallon\nCarl's car gets: 120 miles / 30 mpg = <<120/30=4>>4 gallons\nNow divide the round-trip number of highway miles by the number of highway miles per gallon\nCarl's car gets: 400 miles / 40 mpg = <<400/40=10>>10 gallons\nNow add the gallons for the highway miles and the city miles to find the total number of\ngallons Carl needs to buy: 10 gallons + 4 gallons = <<10+4=14>>14 gallons\nFinally, multiply the number of gallons Carl needs to buy by the cost per gallon to\nfind out how much he spends: 14 gallons * $3.00 = $<<14*3=42.00>>42.00\n#### 42")\n4520 4520 {"question": "Mari made 4 more than five times as many decorated buttons as Kendra. Sue made half as many as Kendra. Sue made 6 buttons. How many did Mari\nmake?", "answer": "Kendra made 2*6=<<2*6=12>>12.\nMari made 4*5=12=<<4*5=12=64>>64.\n#### 64")\n4521 4521 {"question": "Cheryl has thrice as many colored pencils as Cyrus. Madeline has 63 colored pencils and only half of what Cheryl has. How many colored pencils\ndo the three of them have altogether?", "answer": "Cheryl has 63 x 2 = <<63*2=126>>126 colored pencils.\nCyrus has 126/3 = <<126/3=42>>42 colored\npencils.\nAltogether, they have 126 + 42 + 63 = <<126+42+63=231>>231 colored pencils.\n#### 231")\n4522 4522 {"question": "John gets a new EpiPen every 6 months. They cost $500 and insurance covers 75%. How much does he pay per year?", "answer": "He needs to buy\n12/6=<<12/6=2>>2 per year\nInsurance covers 500*.75=$<<500*.75=375>>375\nSo he pays 500-375=$<<500-375=125>>125\nSo he pays 125*2=$<<125*2=250>>250\n####\n250")
```

Comments 0 Lock conversation

## Part 3 - Pull Requests & Code Review

- New pull request



## Part 3 - Pull Requests & Code Review

- New pull request → Code review & Comment → Merge

The screenshot shows a GitHub pull request interface for the repository 'openai / grade-school-math'. The pull request title is 'Correct a minor numerical mistake in the train.jsonl #15'. It is created by 'SuperBruceJia' and targets the 'openai:master' branch. The pull request is currently 'Open'. The interface includes a navigation bar with tabs for Code, Issues (18), Pull requests (2), Actions, Projects, Security, and Insights. Below the title, there are statistics for Conversation (2), Commits (2), Checks (0), and Files changed (1). The main content area shows a comment from 'SuperBruceJia' dated Nov 25, 2023. The comment discusses a numerical mistake in the 'train.jsonl' file, providing the original and corrected JSON snippets. The right sidebar contains sections for Reviewers, Assignees, Labels, Projects, Milestone, Development, and Notifications.

openai / grade-school-math

Search Type to search

<> Code Issues 18 Pull requests 2 Actions Projects Security Insights

Correct a minor numerical mistake in the `train.jsonl` #15

Edit <> Code

Open SuperBruceJia wants to merge 2 commits into openai:master from SuperBruceJia:master

Conversation 2 Commits 2 Checks 0 Files changed 1 +2 -2

SuperBruceJia commented on Nov 25, 2023 • edited

In the `train.jsonl` file:

The final numerical answer of one example is wrong:

Original:

```
{"question": "In a yard, the number of tanks is five times the number of trucks. If there are 20 trucks :"
```

Should be:

```
{"question": "In a yard, the number of tanks is five times the number of trucks. If there are 20 trucks :
```

Another example is:

Original:

```
{"question": "Carl is figuring out how much he'll need to spend on gas for his upcoming road trip to the"
```

According to the original answer, the `road trip` should be `round trip`:

```
{"question": "Carl is figuring out how much he'll need to spend on gas for his upcoming round trip to th"
```

Best regards,

Shuyue

Reviewers

No reviews

Still in progress? [Convert to draft](#)

Assignees

No one assigned

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

Successfully merging this pull request may close these issues.

None yet

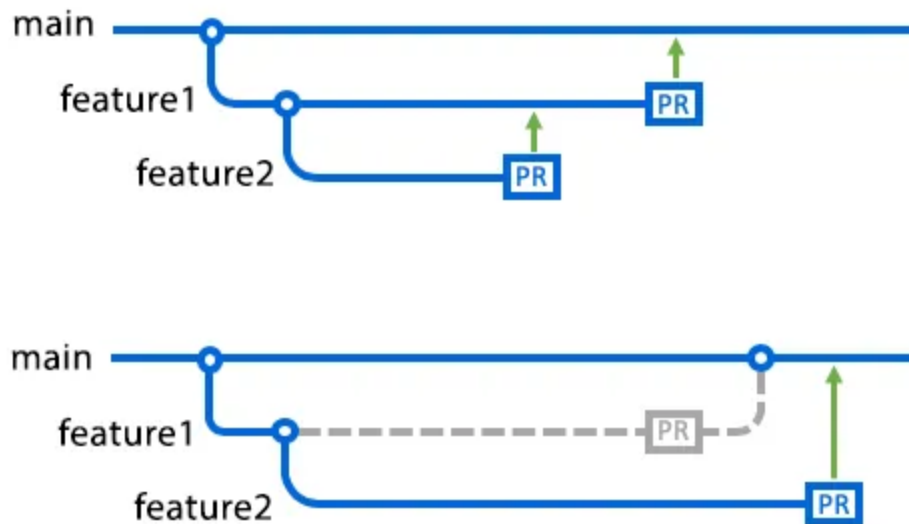
Notifications Customize

Unsubscribe

You're receiving notifications because you authored this thread

## Part 4 - Branches & Merging

### Potential conflict issue



**1:** `main` branch

**2:** `feature 1` branch

**3:** `feature 2` branch

Credit: <https://docs.github.com/en/pull-requests/collaborating-with-pull-requests/proposing-changes-to-your-work-with-pull-requests/about-branches>

## Part 4 - Branches & Merging

- **Create a new branch and Upload Codes**
- **Create a new branch called `new-feature`**
  - `git checkout -b new-feature`
- **Add changes to your new branch**
  - `git add .`
- **Commit your changes**
  - `git commit -m "Change method in lovely file."`
- **Push your branch to a remote**
  - `git push -u origin new-feature`



## Part 4 - Branches & Merging

- If you have made changes in `new-feature` branch
- Merge codes to the main branch
  - `git checkout main`
- Add `new-feature` branch changes to `main` branch
  - `git merge new-feature`
- Delete `new-feature` branch if you don't need it
  - `git branch -d new-feature`

# Part 5 - Actions and Automating Tests

## Get started with GitHub Actions

Build, test, and deploy your code. Make code reviews, branch management, and issue triaging work the way you want. Select a workflow to get started.

Skip this and [set up a workflow yourself](#) →

Q Search workflows

### Suggested for this repository

#### Python Package using Anaconda

By GitHub Actions

Create and test a Python package on multiple Python versions using Anaconda for package management.

Configure

Python

#### Publish Python Package

By GitHub Actions

Publish a Python Package to PyPI on release.

Configure

Python

#### Django

By GitHub Actions

Build and Test a Django Project

Configure

Python

#### Pylint

By GitHub Actions

Lint a Python application with pylint.

Configure

Python

#### Python application

By GitHub Actions

Create and test a Python application.

Configure

Python

#### Python package

By GitHub Actions

Create and test a Python package on multiple Python versions.

Configure

Python

### Deployment

[View all](#)

#### Deploy Python app to Azure Functions App

By Microsoft Azure

Build a Python app and deploy it to an Azure Functions App on Linux.

Configure

Deployment

#### Deploy a Python app to an Azure Web App

By Microsoft Azure

Build a Python app and deploy it to an Azure Web App.

Configure

Deployment

#### Deploy to Amazon ECS

By Amazon Web Services

Deploy a container to an Amazon ECS service powered by AWS Fargate or Amazon EC2.

Configure

Deployment

#### Build and Deploy to GKE

By Google Cloud

Build a docker container, publish it to Google Container Registry, and deploy to GKE.

Configure

Deployment

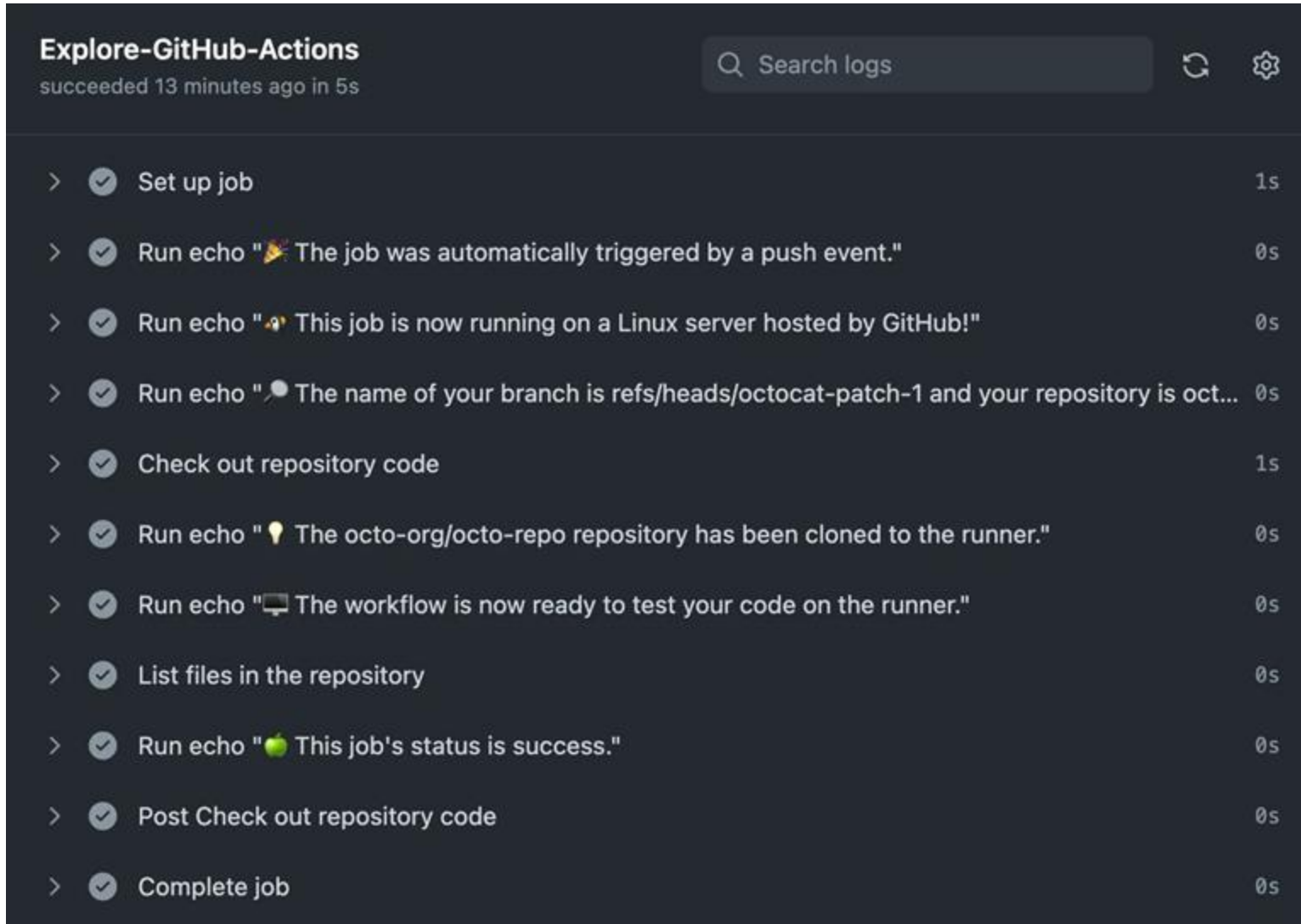
## Part 5 - Actions and Automating Tests

- Continuous integration and continuous delivery (CI/CD)
- Automate your build, test, and deployment pipeline
- Workflow
  - `.github/workflows/github-actions-demo.yml`
    1. Name
    2. Jobs
    3. Steps
    4. Actions/Runs
- Deploy your homepage using GitHub Action (GitHub Page)  
<https://pages.github.com>



```
name: GitHub Actions Demo
run-name: ${ github.actor } is testing out GitHub Actions 🚀
on: [push]
jobs:
  Explore-GitHub-Actions:
    runs-on: ubuntu-latest
    steps:
      - run: echo "🎉 The job was automatically triggered by a ${ github.event_name } event."
      - run: echo "🐙 This job is now running on a ${ runner.os } server hosted by GitHub!"
      - run: echo "🔍 The name of your branch is ${ github.ref } and your repository is ${ github.repository }."
      - name: Check out repository code
        uses: actions/checkout@v4
      - run: echo "💡 The ${ github.repository } repository has been cloned to the runner."
      - run: echo "🖨 The workflow is now ready to test your code on the runner."
      - name: List files in the repository
        run: |
          ls ${ github.workspace }
      - run: echo "🍏 This job's status is ${ job.status }."
```

## Part 5 - Actions and Automating Tests



The screenshot shows the GitHub Actions interface for a workflow named "Explore-GitHub-Actions". The status is "succeeded 13 minutes ago in 5s". At the top right, there is a "Search logs" input field, a refresh icon, and a settings icon. The workflow steps are listed below, each with a chevron icon, a status icon (a circle with a checkmark), the step name, and the duration.

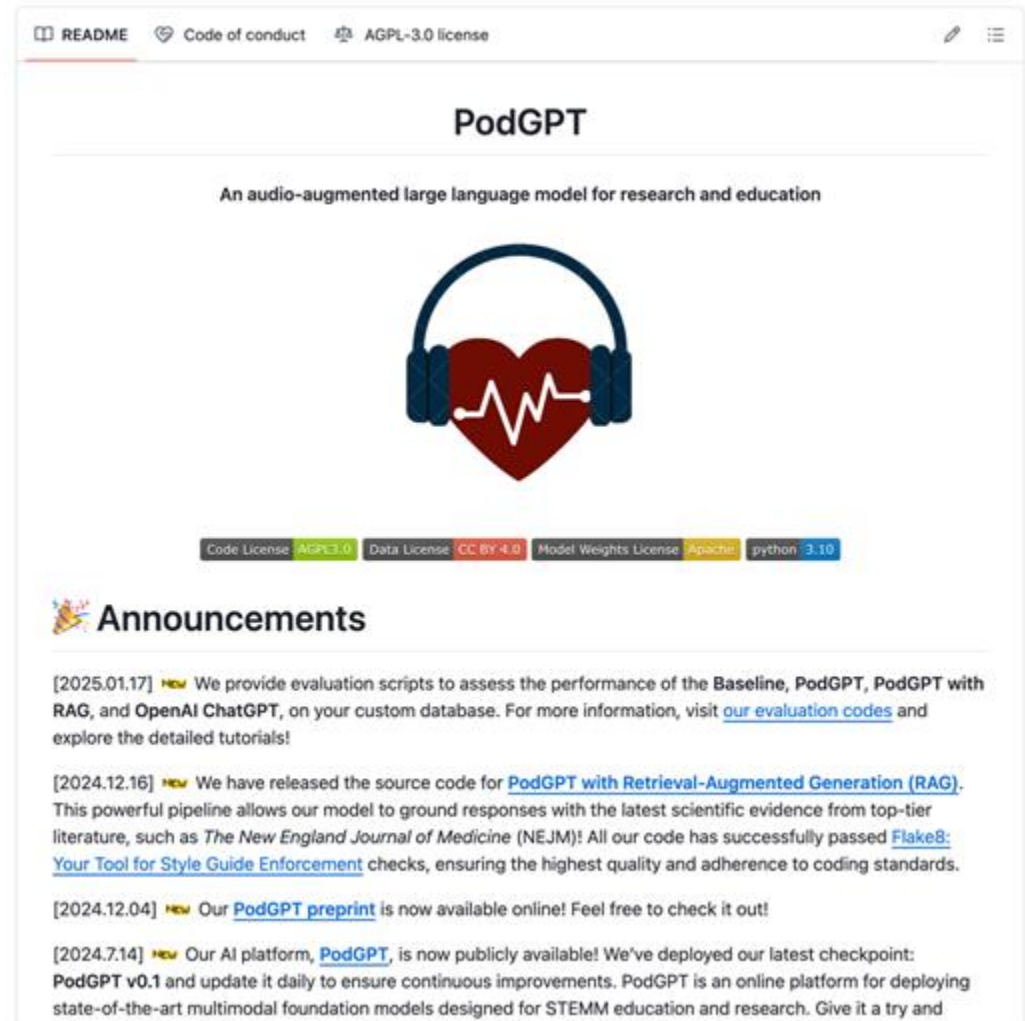
Step	Duration
> ✓ Set up job	1s
> ✓ Run echo "🚀 The job was automatically triggered by a push event."	0s
> ✓ Run echo "👤 This job is now running on a Linux server hosted by GitHub!"	0s
> ✓ Run echo "🗨️ The name of your branch is refs/heads/octocat-patch-1 and your repository is oct..."	0s
> ✓ Check out repository code	1s
> ✓ Run echo "💡 The octo-org/octo-repo repository has been cloned to the runner."	0s
> ✓ Run echo "💻 The workflow is now ready to test your code on the runner."	0s
> ✓ List files in the repository	0s
> ✓ Run echo "🍏 This job's status is success."	0s
> ✓ Post Check out repository code	0s
> ✓ Complete job	0s

Credit: <https://docs.github.com/en/actions/writing-workflows/quickstart>

## Part 6 - README Examples

**Demo:** <https://github.com/vkola-lab/PodGPT>

- Formatted Title
- Fancy Logo
- News & Announcements
- Table of Content
- Fancy Figures
- Codes Block
- Tables
- Structure of the Codes
- Citation
- Contact
- Contributions
- Acknowledgement
- Code of Conduct
- License







**GitHub**

***“collaborative, open sharing  
in the programming world”***

**Thank you very much for your attention!**