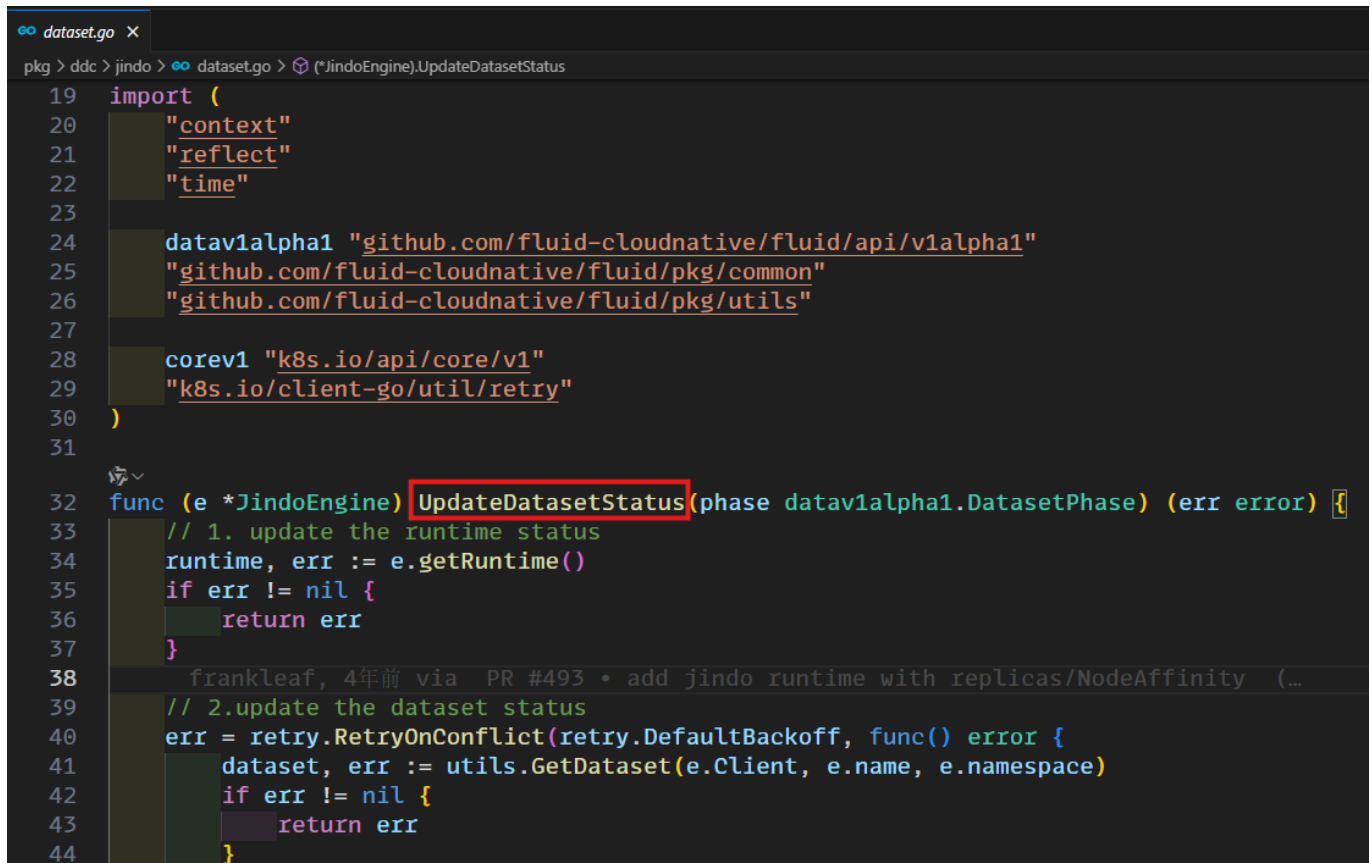


# Git 中 pull request 基本操作实验

## 任务：用大模型（如通义、DeepSeek等）生成函数注释

### 具体要求

在任务分配文档中按学号找到自己对应的文件及函数（文件均在 `fluid/pkg/ddc` 目录下）。例如 `fluid/pkg/ddc/jindo/dataset.go`，其中包含尚未被注释的函数 `UpdateDatasetStatus`。



```
dataset.go X
pkg > ddc > jindo > dataset.go > (*JindoEngine).UpdateDatasetStatus
19 import (
20     "context"
21     "reflect"
22     "time"
23
24     datav1alpha1 "github.com/fluid-cloudnative/fluid/api/v1alpha1"
25     "github.com/fluid-cloudnative/fluid/pkg/common"
26     "github.com/fluid-cloudnative/fluid/pkg/utils"
27
28     corev1 "k8s.io/api/core/v1"
29     "k8s.io/client-go/util/retry"
30 )
31
32 func (e *JindoEngine) UpdateDatasetStatus(phase datav1alpha1.DatasetPhase) (err error) {
33     // 1. update the runtime status
34     runtime, err := e.getRuntime()
35     if err != nil {
36         return err
37     }
38     // 2. update the dataset status
39     err = retry.RetryOnConflict(retry.DefaultBackoff, func() error {
40         dataset, err := utils.GetDataset(e.Client, e.name, e.namespace)
41         if err != nil {
42             return err
43         }
44     })
45 }
```

使用 **大模型** 为该方法生成注释（IDE插件生成注释或者复制给大模型提问都可以）。

### 注意：

- 你需要将函数的整体注释放在 **函数名之前**，函数 **内** 的注释 **不** 做要求。
- 注释的格式要求为 `//`

```

dataset.go X
pkg > ddc > jindo > dataset.go > (*JindoEngine).UpdateDatasetStatus
23
24     datav1alpha1 "github.com/fluid-cloudnative/fluid/api/v1alpha1"
25     "github.com/fluid-cloudnative/fluid/pkg/common"
26     "github.com/fluid-cloudnative/fluid/pkg/utils"
27
28     corev1 "k8s.io/api/core/v1"
29     "k8s.io/client-go/util/retry"
30 )
31
32 // UpdateDatasetStatus updates the status of a dataset in the JindoEngine.
33 // This function is primarily responsible for updating the phase and conditions of the dataset based on the given
34 // and updating the cache state based on the runtime status.
35 //
36 // Parameters:
37 //   - phase (datav1alpha1.DatasetPhase): The new phase to update the dataset to.
38 //
39 // Returns:
40 //   - err (error): Returns an error if the update process fails, otherwise returns nil.
41
42 func (e *JindoEngine) UpdateDatasetStatus(phase datav1alpha1.DatasetPhase) (err error) {
43     // 1. update the runtime status
44     runtime, err := e.getRuntime()
45     if err != nil {
46         return err
47     }
48
49     // 2. update the dataset status
50     err = retry.RetryOnConflict(retry.DefaultBackoff, func() error {
51         dataset, err := utils.GetDataset(e.Client, e.name, e.namespace)
52         if err != nil {
53             return err
54         }
55     })
56     if err != nil {
57         return err
58     }
59 }

```

## 操作步骤

### 1. 创建新分支

```

PS D:\fluid> git checkout -b new-branch master
M       pkg/ddc/jindo/dataset.go
Switched to a new branch 'new-branch'

```

### 2. 为对应方法添加注释

### 3. 提交和推送

注意：提交和推送的描述信息写实际的修改描述，不要写 作业/学号等不相关的个人信息。

建议格式为（其中 [function] 和 [path] 根据实际情况填写）

Add comments/notation to [function] in [path].

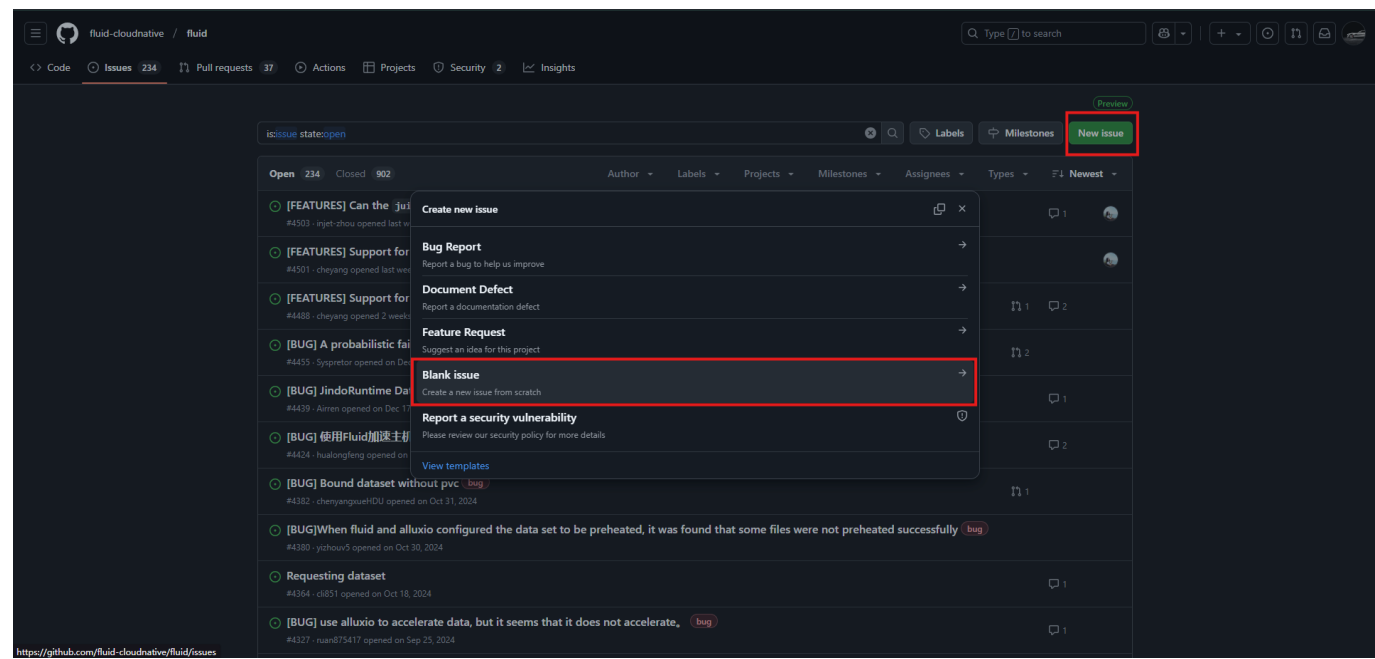
提交过程如下所示

```

PS D:\fluid> git add .
PS D:\fluid> git commit -s -m "Add Notation to UpdateDatasetStatus in pkg/ddc/jindo/dataset.go."
[new-branch 82f46cca] Add Notation to UpdateDatasetStatus in pkg/ddc/jindo/dataset.go.
1 file changed, 8 insertions(+)
PS D:\fluid> git push origin new-branch
Enumerating objects: 11, done.
Counting objects: 100% (11/11), done.
Delta compression using up to 24 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (6/6), 794 bytes | 794.00 KiB/s, done.
Total 6 (delta 5), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (5/5), completed with 5 local objects.
To github.com:JiGuoDing/fluid.git
5fee25d..82f46cca new-branch -> new-branch

```

4. 创建 issue



注意

- **issue title** 的格式为: `Add comments to [function] in [path]`.
- **issue description** 的格式为:

Which function do you want to add comments to?

[function] in [path]

What comments do you want to add?

[function comments]

Create new issue in fluid-cloudnative/fluid

Add a title \*

Add comments to UpdateDatasetStatus in pkg/ddc/jindo/dataset.go.

Add a description

WritePreview

Which function do you want to add comments to?

UpdateDatasetStatus in pkg/ddc/jindo/dataset.go.

What comments do you want to add?

```
// UpdateDatasetStatus updates the status of a dataset in the JindoEngine.
// This function is primarily responsible for updating the phase and conditions of the dataset based on the
// and updating the cache state based on the runtime status.
//
// Parameters:
//   - phase (datav1alpha1.DatasetPhase): The new phase to update the dataset to.
//
// Returns:
//   - err (error): Returns an error if the update process fails, otherwise returns nil.
```

Paste, drop, or click to add files

Remember, contributions to this repository should follow its [contributing guidelines](#), [security policy](#) and [code of conduct](#).

Create more

Cancel

Create

5. 创建 PR (pull request)

进入提交 PR 界面

JGuoDing / fluid

Type to search

Code

Pull requests

Actions

Projects

Wiki

Security

Insights

Settings

Filters ispr isopen

Labels 9

Milestones 0

New pull request

Welcome to pull requests!

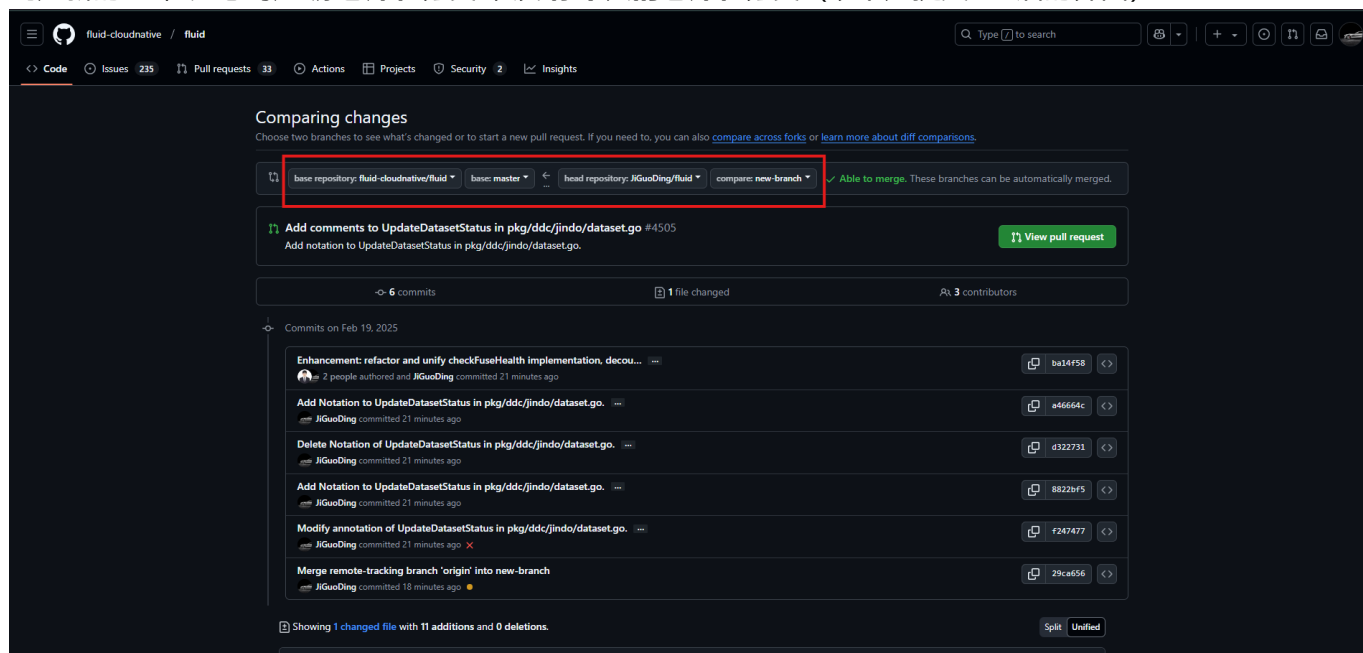
Pull requests help you collaborate on code with other people. As pull requests are created, they'll appear here in a searchable and filterable list. To get started, you should [create a pull request](#).

ProTip!

Filter pull requests by the default branch with [basemaster](#).

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创建新的 PR，注意对应 **源仓库和分支** 以及 **你个人的仓库和分支**（以下是提交 PR 后的界面）



## 注意

- **PR title** 格式为: This PR is to add comments to [function] in [path].
- **PR description** 格式为:

I. Describe what this PR does

[description]

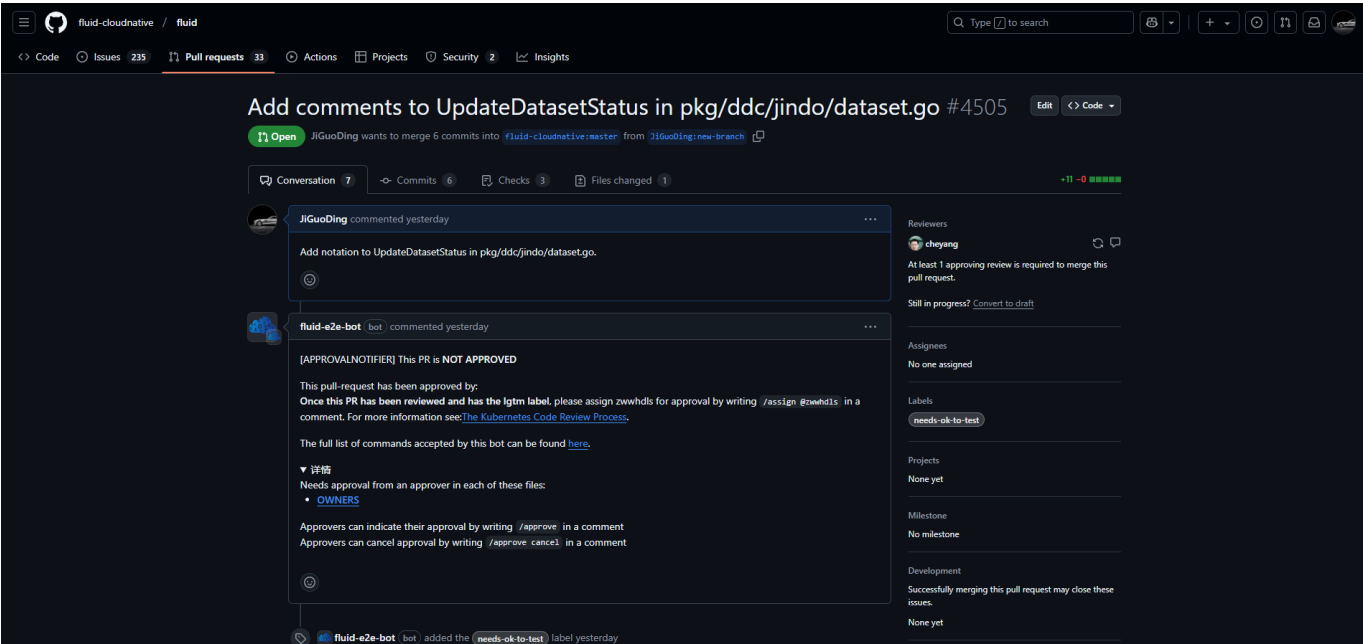
II. Does this pull request fix one issue?

fixes #[your issue id] (之前创建的issue的id)

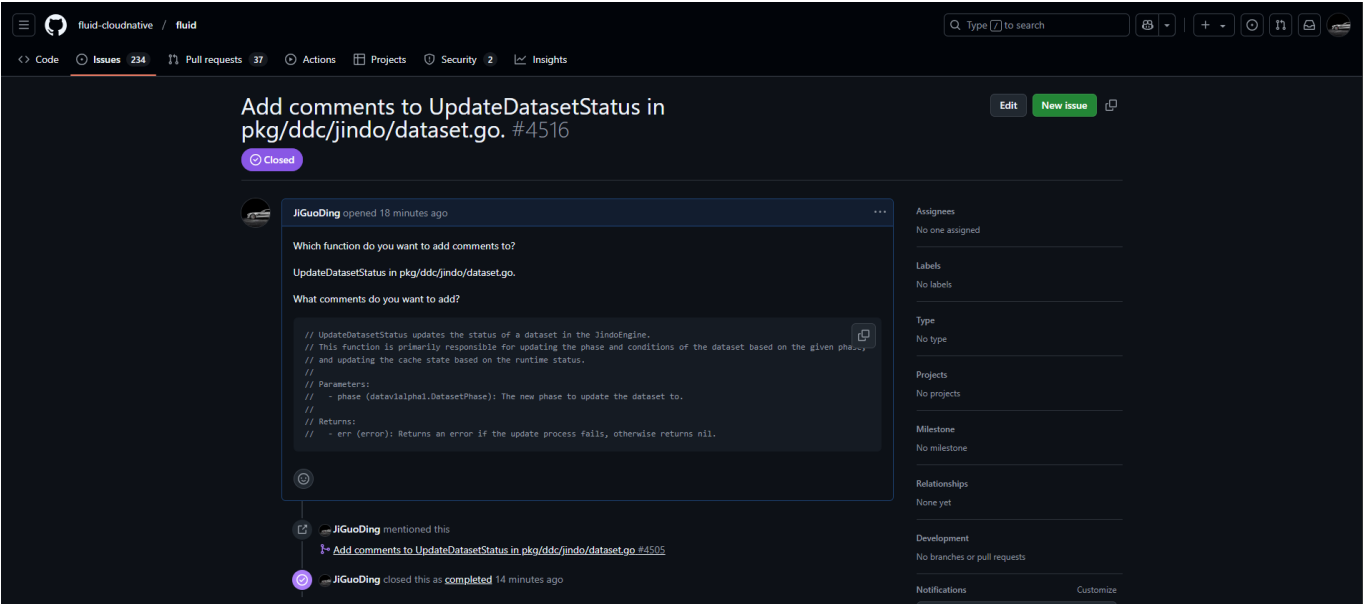
III. Special notes for reviews

- 可以通过 fixes #[your issue id] 来关闭issue

可以在源仓库看到自己提交的 PR



issue关闭后的样例



PR合并后的样例

