

ai-cicd-code-reviewer / .gitlab-ci.yml 

ugwun Encode file path and don't review .gitlab-ci.yml itself

50ea851 · last year

[History](#)

74 lines (57 loc) · 3.45 KB

Code

Blame

Raw



```
1  stages:
2    - lint
3
4  lint:
5    stage: lint
6    script:
7      - apk add jq
8      - |
9        #!/bin/bash
10
11       ### Part 1 - get the changes
12       # Get the commit SHA for the triggered pipeline
13       COMMIT_SHA=`curl -H "PRIVATE-TOKEN: $GITLAB_TOKEN" -X GET $GITLAB_API/projects/$CI_PROJECT_ID/commits/$CI_COMMIT_SHA`
14       echo "COMMIT_SHA: $COMMIT_SHA"
15
16       # Get the Merge Request ID for the commit
17       MR_ID=`curl -H "PRIVATE-TOKEN: $GITLAB_TOKEN" -X GET $GITLAB_API/projects/$CI_PROJECT_ID/merge_requests?ref=$CI_COMMIT_SHA`
18       echo "MR_ID: $MR_ID"
19
20       # Get the changed files in the Merge Request
21       MR_FILES=`curl -H "PRIVATE-TOKEN: $GITLAB_TOKEN" -X GET $GITLAB_API/projects/$CI_PROJECT_ID/merge_requests/$MR_ID/diffs`
22
23       # Iterate through the changed files
24       for FILE_PATH in $MR_FILES; do
25
26         # Skip if the file is ".gitlab-ci.yml"
27         if [ "$FILE_PATH" == ".gitlab-ci.yml" ]; then
28           continue
29         fi
30
31         echo "Changed file: $FILE_PATH"
32
33         # Encode the file path so that "/" => "%2F" and "." => "%2E" - Required by Gitlab API
34         ENCODED_FILE_PATH=$(echo "$FILE_PATH" | sed 's\/\//%2F/g' | sed 's\.\./%2E/g')
35
36         # Get the content of the changed file
```

```
37 echo "File path: $GITLAB_API/projects/$CI_PROJECT_ID/repository/files/$ENCODED_FILE_PATH
38 FILE_CONTENT=`curl -H "PRIVATE-TOKEN: $GITLAB_TOKEN" -X GET "$GITLAB_API/projects/$CI_PR
39 echo "File content: $FILE_CONTENT"
40
41 # Create a JSON payload
42 JSON_PAYLOAD=$(jq -n \
43     --arg file_path "$FILE_PATH" \
44     --arg file_content "$FILE_CONTENT" \
45     '{ messages: [ { role: "system", content: "You are an AI code reviewer that helps
46
47     # Debug: Print the JSON payload
48     echo "JSON_PAYLOAD:"
49     echo "$JSON_PAYLOAD"
50     echo "-----"
51
52 # Send the JSON payload to the OpenAI API for evaluation
53 API_RESPONSE=$(curl -X POST "https://cs-gpt3-research.openai.azure.com/openai/deployment
54     -H "Content-Type: application/json" \
55     -H "api-key: $AZURE_OPENAI_API_KEY" \
56     -d "$JSON_PAYLOAD")
57
58 # Debug: Print the API response
59 echo "API_RESPONSE:"
60 echo "$API_RESPONSE"
61 echo "-----"
62
63
64 # Get the suggestions from the API response
65 SUGGESTIONS=$(echo "$API_RESPONSE" | jq -r '.choices[0].message.content')
66
67 # Add the suggestions as a comment to the merge request
68 curl -H "PRIVATE-TOKEN: $GITLAB_TOKEN" "$GITLAB_API/projects/$CI_PROJECT_ID/merge_reques
69 --form "body=Review for file **$FILE_PATH**: $SUGGESTIONS"
70
71     echo "-----"
72 done
73 rules:
74 - if: $CI_PIPELINE_SOURCE == "merge_request_event"
```