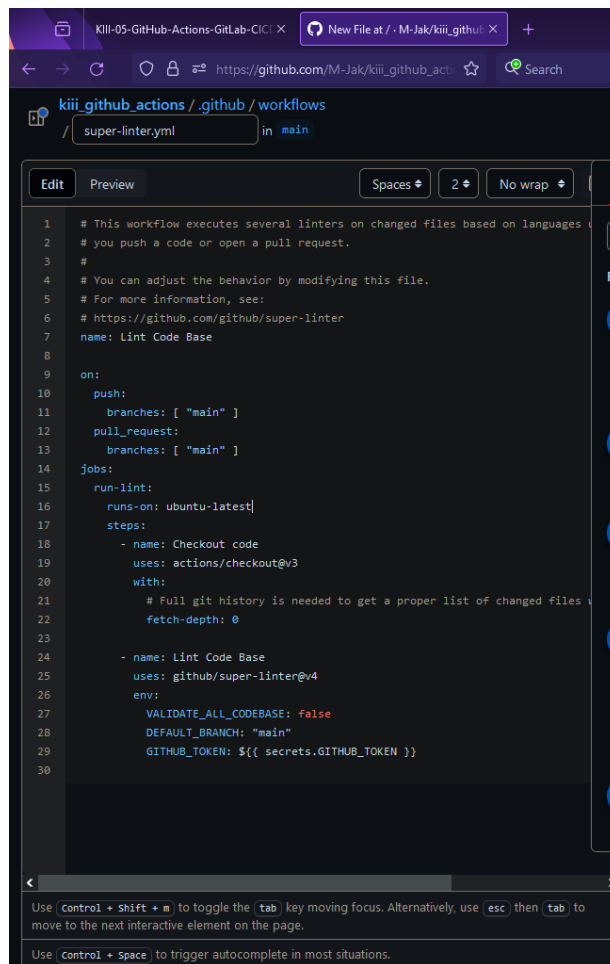


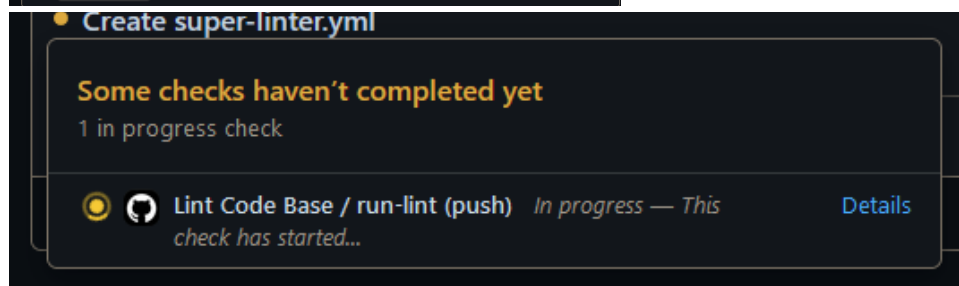
## 1. Github Actions



The screenshot shows a GitHub Actions workflow file named `super-linter.yml` located in the `.github/workflows` directory of the `kiii_github_actions` repository. The workflow is configured to run on the `main` branch. It includes a job named `run-lint` that runs on `ubuntu-latest`. The job has two steps: `Checkout code` and `Lint Code Base`. The `Lint Code Base` step uses the `github/super-linter@v4` action. The workflow is triggered on `push` to the `main` branch or on a `pull_request` to the `main` branch.

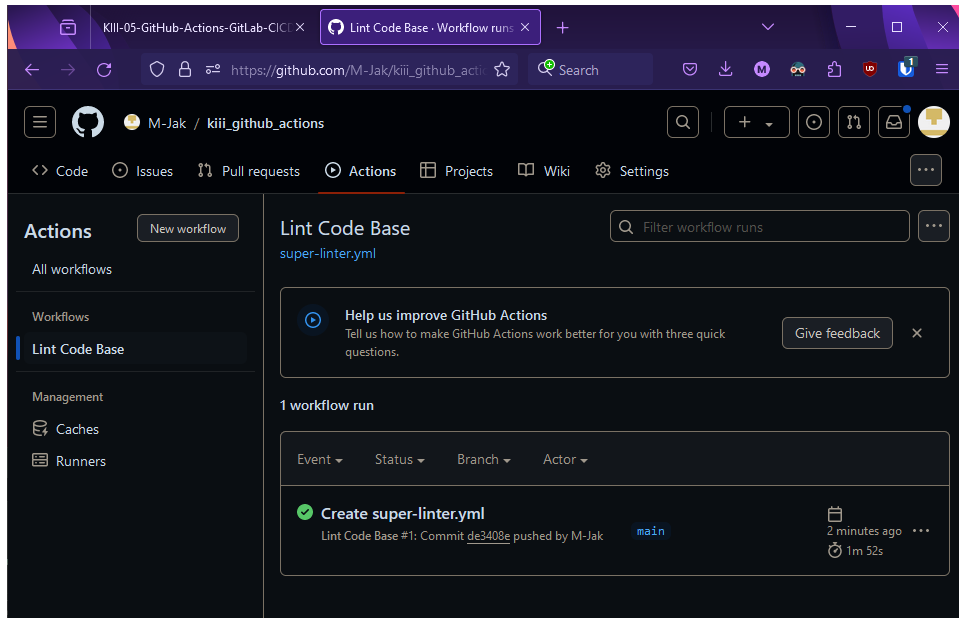
```
1 # This workflow executes several linters on changed files based on languages
2 # you push a code or open a pull request.
3 #
4 # You can adjust the behavior by modifying this file.
5 # For more information, see:
6 # https://github.com/github/super-linter
7 name: Lint Code Base
8
9 on:
10   push:
11     branches: [ "main" ]
12   pull_request:
13     branches: [ "main" ]
14 jobs:
15   run-lint:
16     runs-on: ubuntu-latest
17     steps:
18       - name: Checkout code
19         uses: actions/checkout@v3
20         with:
21           # Full git history is needed to get a proper list of changed files
22           fetch-depth: 0
23
24       - name: Lint Code Base
25         uses: github/super-linter@v4
26         env:
27           VALIDATE_ALL_CODEBASE: false
28           DEFAULT_BRANCH: "main"
29           GITHUB_TOKEN: ${ secrets.GITHUB_TOKEN }
```

a.

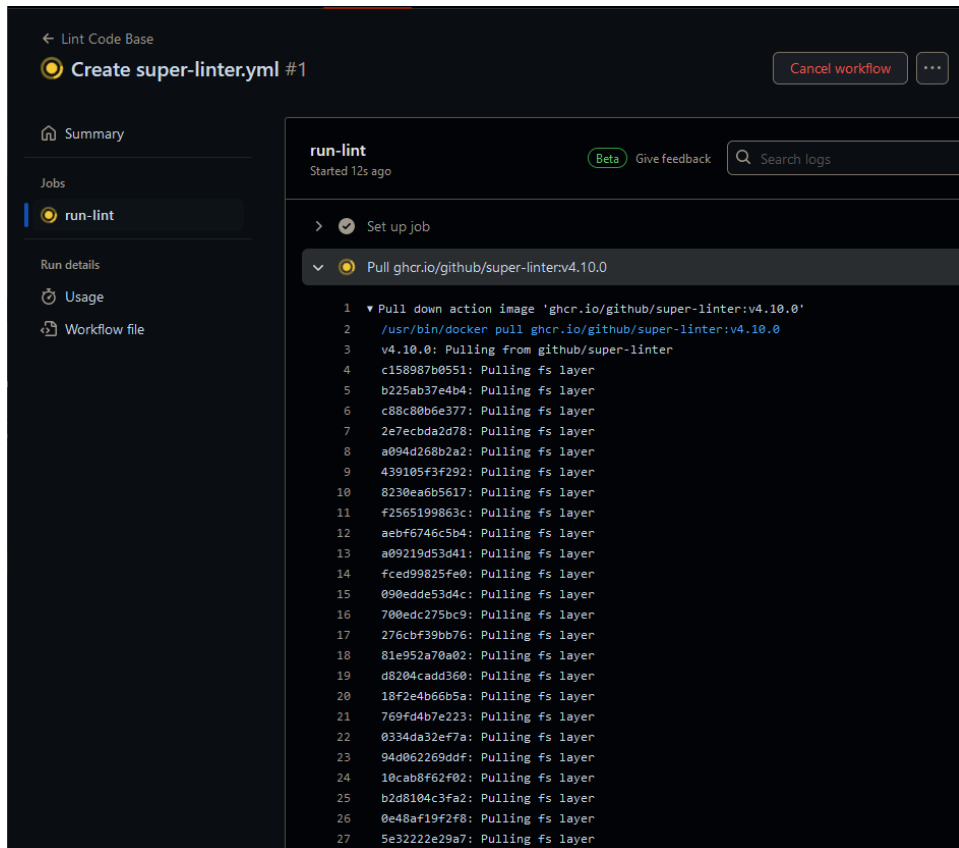


The screenshot shows the GitHub Actions interface for the `super-linter.yml` workflow. The status is `Some checks haven't completed yet` with `1 in progress check`. The workflow is named `Lint Code Base / run-lint (push)` and is currently `In progress`. A `Details` link is available to view the workflow details.

b.



C.



d.

```
Edit Preview Spaces 2 No wrap
16 runs-on: ubuntu-latest
17 steps:
18   - name: Checkout code
19     uses: actions/checkout@v3
20     with:
21       # Full git history is needed to get a proper list of changed files
22       fetch-depth: 0
23
24   - name: Lint Code Base
25     uses: github/super-linter@v4
26     env:
27       VALIDATE_ALL_CODEBASE: false
28       DEFAULT_BRANCH: "main"
29       GITHUB_TOKEN: ${ secrets.GITHUB_TOKEN }
30 docker-build-and-push:
31   runs-on: ubuntu-latest
32   steps:
33     -
34       name: Set up QEMU
35       uses: docker/setup-qemu-action@v2
36     -
37       name: Set up Docker Buildx
38       uses: docker/setup-buildx-action@v2
39     -
40       name: Login to Docker Hub
41       uses: docker/login-action@v2
42       with:
43         username: ${ secrets.DOCKERHUB_USERNAME }
44         password: ${ secrets.DOCKERHUB_TOKEN }
45     -
46       name: Build and push
47       uses: docker/build-push-action@v4
48       with:
49         push: true
50       tags: marinojak/kiii_github_actions:latest
```

e.

KIII-05-GitHub-Action X Fixed spelling mis: X Help us keep GitL... X Confirm your em... X

https://github.com/M-Jak/kiii\_github\_acti

Code Issues Pull requests Actions Projects Wiki Settings

Lint Code Base

Fixed spelling mistake #2

Summary

Jobs

- run-lint
- docker-build-and-pu...

Run details

- Usage
- Workflow file

Triggered via push 2 minutes ago

M-Jak pushed 69abe9b main

Status Success

Total duration 1m 48s

Artifacts -

super-linter-and-docker-build-push.yml

on: push

- run-lint 1m 40s
- docker-build-and-push 17s

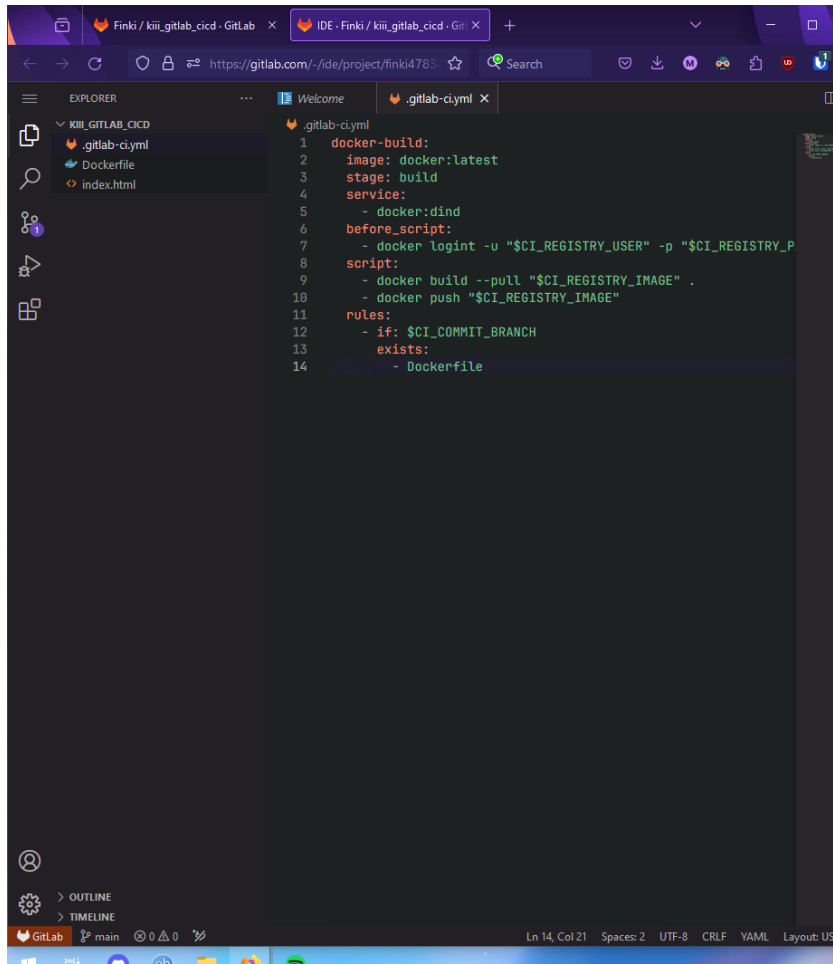
Annotations

2 warnings

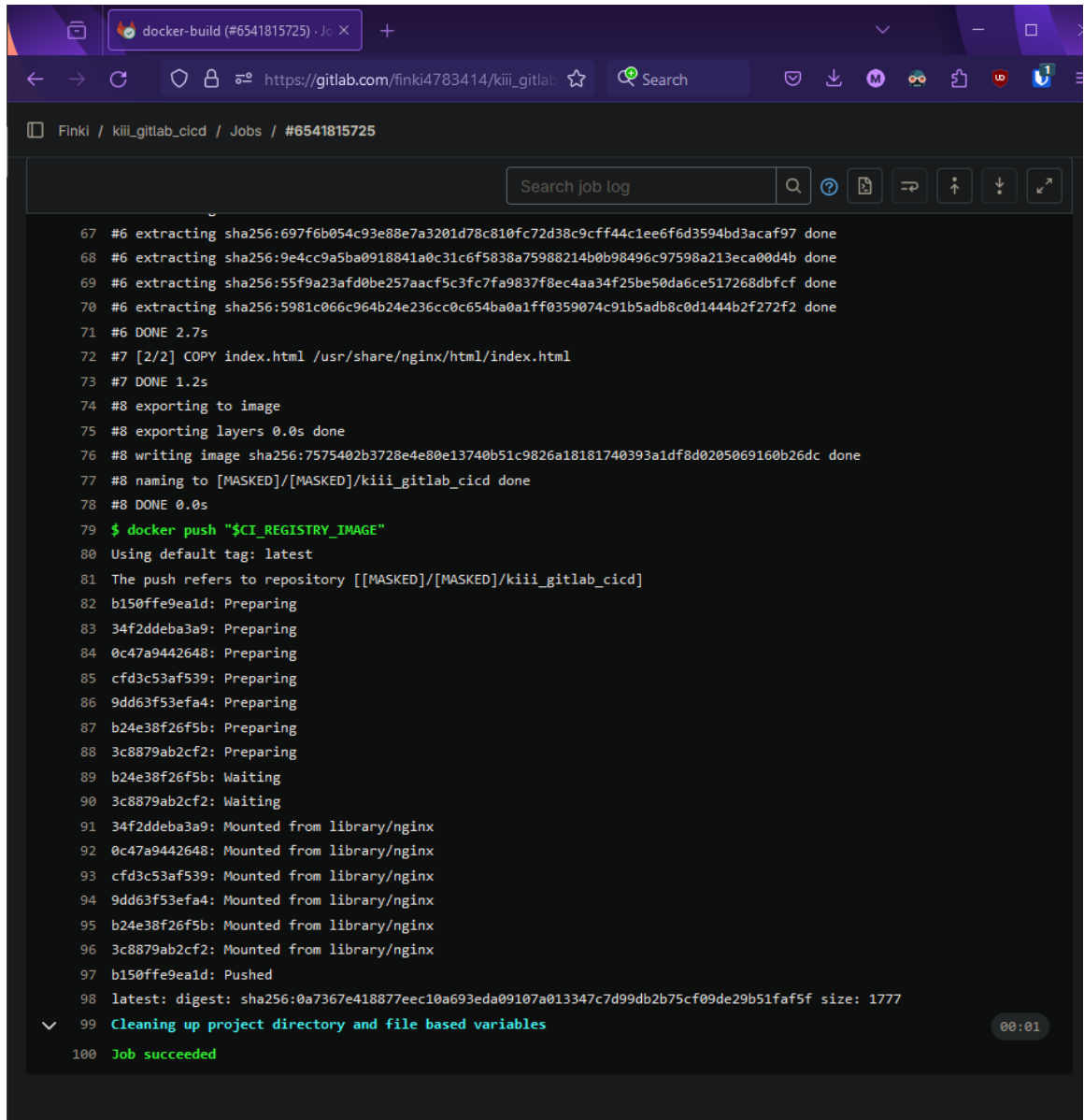
- docker-build-and-push  
Node.js 16 actions are deprecated. Please update the following actions to use Node.js.  
[Show more](#)
- run-lint  
Node.js 16 actions are deprecated. Please update the following actions to use Node.js.  
[Show more](#)

f.

## 2. GitLab CI/CD



a.

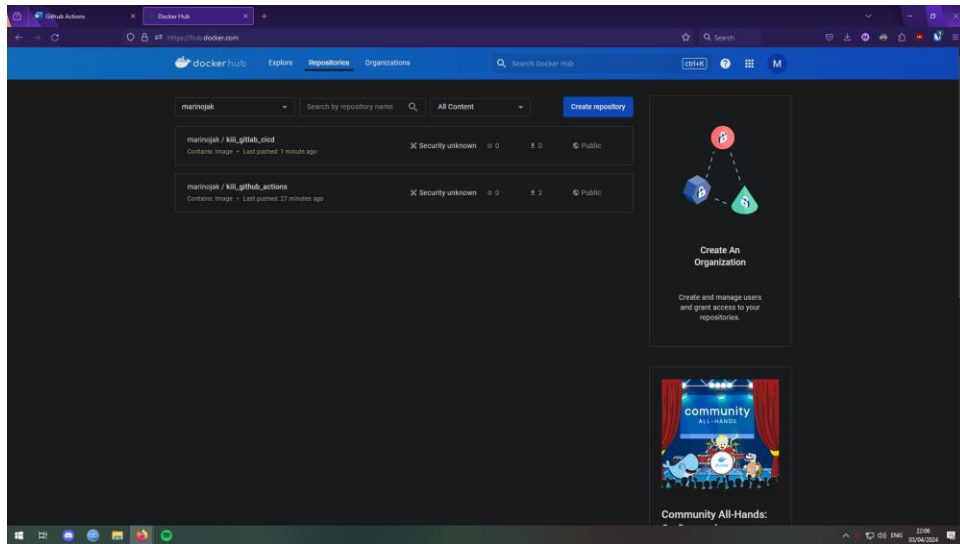


The screenshot shows a web browser window displaying a Docker build job log. The browser's address bar shows the URL `https://gitlab.com/finki4783414/kiii_gitlab`. The page title is `Finki / kiii_gitlab_cicd / Jobs / #6541815725`. The log content is as follows:

```
67 #6 extracting sha256:697f6b054c93e88e7a3201d78c810fc72d38c9cff44c1ee6f6d3594bd3acaf97 done
68 #6 extracting sha256:9e4cc9a5ba0918841a0c31c6f5838a75988214b0b98496c97598a213eca00d4b done
69 #6 extracting sha256:55f9a23afd0be257aacf5c3fc7fa9837f8ec4aa34f25be50da6ce517268dbfcf done
70 #6 extracting sha256:5981c066c964b24e236cc0c654ba0a1ff0359074c91b5adb8c0d1444b2f272f2 done
71 #6 DONE 2.7s
72 #7 [2/2] COPY index.html /usr/share/nginx/html/index.html
73 #7 DONE 1.2s
74 #8 exporting to image
75 #8 exporting layers 0.0s done
76 #8 writing image sha256:7575402b3728e4e80e13740b51c9826a18181740393a1df8d0205069160b26dc done
77 #8 naming to [MASKED]/[MASKED]/kiii_gitlab_cicd done
78 #8 DONE 0.0s
79 $ docker push "$CI_REGISTRY_IMAGE"
80 Using default tag: latest
81 The push refers to repository [[MASKED]/[MASKED]/kiii_gitlab_cicd]
82 b150ffe9ea1d: Preparing
83 34f2ddeba3a9: Preparing
84 0c47a9442648: Preparing
85 cfd3c53af539: Preparing
86 9dd63f53efa4: Preparing
87 b24e38f26f5b: Preparing
88 3c8879ab2cf2: Preparing
89 b24e38f26f5b: Waiting
90 3c8879ab2cf2: Waiting
91 34f2ddeba3a9: Mounted from library/nginx
92 0c47a9442648: Mounted from library/nginx
93 cfd3c53af539: Mounted from library/nginx
94 9dd63f53efa4: Mounted from library/nginx
95 b24e38f26f5b: Mounted from library/nginx
96 3c8879ab2cf2: Mounted from library/nginx
97 b150ffe9ea1d: Pushed
98 latest: digest: sha256:0a7367e418877eec10a693eda09107a013347c7d99db2b75cf09de29b51faf5f size: 1777
99 Cleaning up project directory and file based variables
100 Job succeeded
```

The log ends with a green `Job succeeded` message. A timer in the bottom right corner of the log area shows `00:01`.

b.



C.