

Relatório Continuous Integration 2

Criando o repositório e subindo o projeto anexado do exercício 2:

```
S C:\Users\Eduardo\Desktop\action\ex2_CI\GitHubActions_ex2> git add .
warning: in the working copy of '.gitignore', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'jest.config.js', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'package-lock.json', LF will be replaced by CRLF the next time Git touches it
S C:\Users\Eduardo\Desktop\action\ex2_CI\GitHubActions_ex2> git commit -m "primeiro commit"
main 5855546] primeiro commit
13 files changed, 9116 insertions(+), 1 deletion(-)
create mode 100644 .env
create mode 100644 .gitignore
create mode 100644 __tests__/routes.test.ts
create mode 100644 jest.config.js
create mode 100644 package-lock.json
create mode 100644 package.json
create mode 100644 public/index.html
create mode 100644 src/app.ts
create mode 100644 src/repositories.ts/tasks.ts
create mode 100644 src/routes/routes.ts
create mode 100644 src/server.ts
create mode 100644 tsconfig.json
S C:\Users\Eduardo\Desktop\action\ex2_CI\GitHubActions_ex2> git push
Enumerating objects: 22, done.
Counting objects: 100% (22/22), done.
Delta compression using up to 12 threads
Compressing objects: 100% (14/14), done.
Writing objects: 100% (20/20), 92.23 KiB | 4.19 MiB/s, done.
Total 20 (delta 0), reused 0 (delta 0), pack-reused 0
Pushing to https://github.com/rickEDU/GitHubActions_ex2
82c696e..5855546 main -> main
S C:\Users\Eduardo\Desktop\action\ex2_CI\GitHubActions_ex2>
```

Adicionando o segundo step “test”:

```
test:
  needs: build
  runs-on: ubuntu-latest

  steps:
    - name: Checkout code
      uses: actions/checkout@v2

    - name: Set up Node.js
      uses: actions/setup-node@v2
      with:
        node-version: '14'

    - name: Install dependencies
      run: npm install

    - name: Run tests
      run: npm run test
```

Verificando se deu tudo certo no action no github:

The screenshot shows a GitHub Actions workflow run titled "workflow 1.1 #2" with a green checkmark icon. The left sidebar contains a "Summary" tab and a "Jobs" section with two jobs: "build" and "test", both marked with green checkmarks. The main content area shows the workflow was triggered via push 2 minutes ago by user "rickEDU" on the "main" branch. The status is "Success", the total duration is "52s", and there are no artifacts. Below this, the workflow file "typescript-build.yml" is shown, triggered on "push". A visual timeline shows the "build" job taking 22s and the "test" job taking 15s, both with green checkmarks.

Criando a nova branch, adicionando o erro de tipagem e dando commit:

```
PS C:\Users\Eduardo\Desktop\action\ex2_CI\GitHubActions_ex2> git add .
PS C:\Users\Eduardo\Desktop\action\ex2_CI\GitHubActions_ex2> git fetch
Counting objects: 100% (15/15), done.
Delta compression using up to 12 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (8/8), 602 bytes | 301.00 KiB/s, done.
Total 8 (delta 4), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (4/4), completed with 4 local objects.
To https://github.com/rickEDU/GitHubActions_ex2
   2499cc6..9477325  build_errro -> build_errro
PS C:\Users\Eduardo\Desktop\action\ex2_CI\GitHubActions_ex2> git -P branch
* build_errro
  main
PS C:\Users\Eduardo\Desktop\action\ex2_CI\GitHubActions_ex2> |
nare
```

Verificando o resultado:

The screenshot shows a GitHub Actions workflow run titled "erro build #4" with a red 'x' icon. The left sidebar contains a "Summary" tab and a "Jobs" section with two jobs: "build" and "test". The "build" job is marked with a red 'x' and the "test" job with a green checkmark. The main content area shows the workflow was triggered via push 1 minute ago by user "rickEDU" on the "build_errro" branch. The status is "Failure", the total duration is "31s", and there are no artifacts. Below this, the workflow file "typescript-build.yml" is shown, triggered on "push". A visual timeline shows the "build" job taking 22s and the "test" job taking 0s. The "build" job has a red 'x' icon, while the "test" job has a green checkmark.

test job skipped:



Implementação dos testes pedidos no item I e II :

I:

```
it("Should return an error if the task description is not provided", async () => {
  const response = await request
    .post("/todo")
    .send({});

  expect(response.status).toBe(400);

  expect(response.body).toEqual({
    erro: `formato de requisição incorreto :(`,
  });
});
```

II:

```
it("Should return an error if there is no task with the provided ID", async () => {
  tarefas.push({ id: 1, descricao: "tarefa teste 1" });

  const response = await request.delete("/todo/10");

  expect(response.status).toBe(404);

  expect(response.body).toEqual({
    mensagem: `ID não encontrado!`,
  });
});
```

Verificando se os testes funcionaram corretamente:

```
Test Suites: 1 passed, 1 total
  ✓ should delete a task (5 ms)
  ✓ Should return an error if there is no task with the provided ID (4 ms)

Test Suites: 1 passed, 1 total
Tests: 5 passed, 5 total
Snapshots: 0 total
Time: 2.294 s, estimated 3 s
Ran all test suites.
PS C:\Users\Eduardo\Desktop\action\ex2_CI\GitHubActions_ex2> g
```

Subindo os testes para o repositório remoto:

```
PS C:\Users\Eduardo\Desktop\action\ex2_CI\GitHubActions_ex2> git add .
PS C:\Users\Eduardo\Desktop\action\ex2_CI\GitHubActions_ex2> git commit -m "implementação dos teste"
[build_erro 207a8d6] implementação dos teste
 2 files changed, 26 insertions(+), 1 deletion(-)
PS C:\Users\Eduardo\Desktop\action\ex2_CI\GitHubActions_ex2> git push
Enumerating objects: 13, done.
Counting objects: 100% (13/13), done.
Delta compression using up to 12 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (7/7), 772 bytes | 772.00 KiB/s, done.
Total 7 (delta 4), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (4/4), completed with 4 local objects.
To https://github.com/rickEDU/GitHubActions_ex2
 9477325..207a8d6  build_erro -> build_erro
PS C:\Users\Eduardo\Desktop\action\ex2_CI\GitHubActions_ex2> █
```

Resultado:

The screenshot displays the GitHub Actions interface for a workflow named "TypeScript Build". The workflow run is titled "implementação dos teste #5" and is marked as successful with a green checkmark. The left sidebar shows the workflow steps: "build" and "test", both of which are completed. The main area shows the workflow run details, including the trigger "on: push" and the workflow file "typescript-build.yml". A timeline at the bottom shows the "build" step taking 26s and the "test" step taking 16s.

← TypeScript Build

✓ implementação dos teste #5

Summary

Jobs

- ✓ build
- ✓ test

Run details

- Usage
- Workflow file

Triggered via push 1 minute ago

	Status	Total duration	Artifacts
rickEDU pushed -> 207a8d6 build_erro	Success	58s	—

typescript-build.yml

on: push

✓ build 26s — test 16s

PR:

The screenshot shows a GitHub Pull Request (PR) page for a repository named 'TypeScript Build'. The PR is titled 'PR com os testes #1' and is in the 'Merged' state. It was merged by 'rickEDU' 22 minutes ago, merging 2 commits from the 'build_erro' branch into the 'main' branch. The PR has 2 checks passed. The commit history shows two commits: 'erro build' and 'implementação dos teste'. A comment by 'rickEDU' is visible, stating 'No description provided.'.

Issues Pull requests Actions Projects Wiki Security Insights Settings

PR com os testes #1

Merged rickEDU merged 2 commits into `main` from `build_erro` now

Conversation 0 Commits 2 Checks 2 Files changed 2

rickEDU commented now

No description provided.

rickEDU added 2 commits 22 minutes ago

- erro build
- implementação dos teste

rickEDU merged commit 29c1537 into `main` now
2 checks passed

Verificando os actions:

The screenshot shows the GitHub Actions workflow run page for the 'TypeScript Build' workflow. The workflow is triggered by a push to the 'main' branch. The run is successful and completed 1 minute and 3 seconds ago. The workflow consists of two jobs: 'build' and 'test', both of which passed. The workflow file is named 'typescript-build.yml' and is triggered on push.

TypeScript Build

Merge pull request #1 from rickEDU/build_erro #6

Summary

Jobs

- build
- test

Run details

- Usage
- Workflow file

Triggered via push 1 minute ago

Status: Success

Total duration: 1m 3s

Artifacts: -

typescript-build.yml

on: push

build 22s test 22s