

Gutemberg Ferreira
Laboratório 03

```
~/Projetos/WebAcademy/CI-CD 23:25:07
npx tsc --init

Created a new tsconfig.json with:

  target: es2016
  module: commonjs
  strict: true
  esModuleInterop: true
  skipLibCheck: true
  forceConsistentCasingInFileNames: true

You can learn more at https://aka.ms/tsconfig
```

```
~/Projetos/WebAcademy/CI-CD 15s 23:29:19
npx jest --init

The following questions will help Jest to create a suitable configuration for your project

✓ Would you like to use Jest when running "test" script in "package.json"? ... yes
✓ Would you like to use Typescript for the configuration file? ... yes
✓ Choose the test environment that will be used for testing > node
✓ Do you want Jest to add coverage reports? ... yes
✓ Which provider should be used to instrument code for coverage? > v8
✓ Automatically clear mock calls, instances, contexts and results before every test? ... yes

Modified /home/gutemberg.bruto/Projetos/WebAcademy/CI-CD/package.json
Configuration file created at /home/gutemberg.bruto/Projetos/WebAcademy/CI-CD/jest.config.ts
```

```
~/Projetos/WebAcademy/CI-CD 11s 23:33:04
npx jest
PASS src/hello_world.test.ts
  test hello
    ✓ should return hello world (2 ms)

Test Suites: 1 passed, 1 total
Tests: 1 passed, 1 total
Snapshots: 0 total
Time: 0.81 s
Ran all test suites.
```

```
~/Projetos/WebAcademy/CI-CD
npm test

> lab03@1.0.0 test
> jest --coverage

PASS src/hello_world.test.ts
  test hello
    ✓ should return hello world (2 ms)

-----
File                | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s
-----
All files            |      80 |       50 |     100 |      80 |
hello_world.ts       |      80 |       50 |     100 |      80 | 6
-----

Test Suites: 1 passed, 1 total
Tests:       1 passed, 1 total
Snapshots:   0 total
Time:        0.887 s, estimated 1 s
Ran all test suites.
```

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Test Pipe

Laboratorio 03 #1

Summary

Jobs

- build (16.x)
- build (18.x)

Run details

- Usage
- Workflow file

Triggered via push now

gutenbergferreira pushed

edd9f3

main

Success

25s

teste_lab03.yml

on: push

Matrix: build

2 jobs completed

Show all jobs

Re-run all jobs

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Test Pipe

Laboratorio 03 #1

Summary

Jobs

- build (16.x)
- build (18.x)

Run details

- Usage
- Workflow file

build (16.x)

successful now in 13s

Search logs

Setup job

2s

1 Current runner version: '2.307.1'

2 Operating System

3 Runner Image

4 Runner Image Provisioner

5 GITHUB_TOKEN Permissions

6 Secret source: Actions

7 Prepare workflow directory

8 Prepare all required actions

9 Getting action download info

10 Download action repository 'actions/checkout@v3' (SHA:cd5c95e3d7251135a07d0ce3241c5835cc995a9)

11 Download action repository 'actions/setup-node@v3' (SHA:e3319677422957bea83e05376f0b150025ffc7bd)

12 Complete job name: build (16.x)

Checkout repository

1s

1 Run actions/checkout@v3

2 Syncing repository: gutenbergferreira/CI_CD-WebAcademy

3 Getting Git version info

4 Temporarily overriding HOME'/home/runner/work/_temp/774704be-d8e1-4916-b50b-8a2b17a248e3' before making global git config changes

5 Adding repository directory to the temporary git global config as a safe directory

6 /usr/bin/git config --global --add safe.directory /home/runner/work/CI_CD-WebAcademy/CI_CD-WebAcademy

7 Deleting the contents of '/home/runner/work/CI_CD-WebAcademy/CI_CD-WebAcademy'

8 Initializing the repository

9 Disabling automatic garbage collection

10 Setting up auth

11 Fetching the repository

12 Determining the checkout info

13 Checking out the ref

14 /usr/bin/git log -1 --format=%H

15 'edd9f3b732818cac738e094f16c11a798a9899'

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🟢 Laboratório 03 #1

Re-run all jobs

⋮

📄 Summary

🔍 Jobs

🟢 build (16.x)

🟢 build (18.x)

🔍 Run details

🔍 Usage

🔍 Workflow file

build (16.x)

succeeded 2 minutes ago in 13s

🔍 Search logs

🔄

⚙️

> 🟢 Set up job

2s

> 🟢 Checkout repository

1s

> 🟢 Set up Node.js 16.x

8s

> 🟢 Install dependencies

5s

> 🟢 Run the tests

4s

📄 🟢 Post Set up Node.js 16.x

0s

1 Post job cleanup.

📄 🟢 Post Checkout repository

0s

1 Post job cleanup.

2 /usr/bin/git version

3 git version 2.41.0

4 Temporarily overriding HOME='/home/runner/work/_temp/11d76c12-720f-4842-b20d-7a8833837f54' before making global git config changes

5 Adding repository directory to the temporary git global config as a safe directory

6 /usr/bin/git config --global --add safe.directory /home/runner/work/CI_CD-WebAcademy/CI_CD-WebAcademy

7 /usr/bin/git config --local --name-only --get-regexp core.sshCommand

8 /usr/bin/git submodule foreach --recursive sh -c "git config --local --name-only --get-regexp 'core.sshCommand' && git config --local --unset-all 'core.sshCommand' || :"

9 /usr/bin/git config --local --name-only --get-regexp http.https://VV/github.com/VV/extrahader

10 http.https://github.com/extrahader

11 /usr/bin/git config --local --name-only --get-regexp http.https://github.com/extrahader

12 /usr/bin/git submodule foreach --recursive sh -c "git config --local --name-only --get-regexp 'http.https://VV/github.com/VV/extrahader' && git config --local --unset-all 'http.https://github.com/extrahader' || :"

📄 🟢 Complete job

0s

1 Cleaning up orphan processes

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🟢 Laboratório 03 #1

Re-run all jobs

⋮

📄 Summary

🔍 Jobs

🟢 build (16.x)

🟢 build (18.x)

🔍 Run details

🔍 Usage

🔍 Workflow file

build (18.x)

succeeded 2 minutes ago in 15s

🔍 Search logs

🔄

⚙️

📄 🟢 Set up job

1s

1 Current runner version: '2.307.1'

2 Operating System

3 Runner Image

4 Runner Image Provisioner

5 GITHUB_TOKEN Permissions

6 Secret source: Actions

7 Prepare workflow directory

8 Prepare all required actions

9 Getting action download info

10 Download action repository 'actions/checkout@v3' (SHA:c85c9e3d7251135ab7dcce3241c5835cc595a8)

11 Download action repository 'actions/setup-node@v3' (SHA:e3319677422957bea09e45376fbb155025ffc7bd)

12 Complete job name: build (18.x)

📄 🟢 Checkout repository

1s

1 Run actions/checkout@v3

2 Syncing repository: gutenbergferreira/CI_CD-WebAcademy

3 Getting Git version info

4 Temporarily overriding HOME='/home/runner/work/_temp/d833ffa3-2405-4b6f-beef-eb0d481a135e' before making global git config changes

5 Adding repository directory to the temporary git global config as a safe directory

6 /usr/bin/git config --global --add safe.directory /home/runner/work/CI_CD-WebAcademy/CI_CD-WebAcademy

7 Deleting the contents of '/home/runner/work/CI_CD-WebAcademy/CI_CD-WebAcademy'

8 Initializing the repository

9 Disabling automatic garbage collection

10 Setting up auth

11 Fetching the repository

12 Determining the checkout info

13 Checking out the ref

14 /usr/bin/git log -1 --format=%H

15 'eadd92b722816cac73be9d4f1c6c1a7d8a9689'

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Test Pipe

Laboratorio 03 #1

Re-run all jobs

Summary

Jobs

build (16.x)

build (18.x)

Run details

Usage

Workflow file

build (18.x)

succeeded 2 minutes ago in 15s

Search logs

Set up job1s

Checkout repository1s

Set up Node.js 18.x3s

Install dependencies5s

Run the tests4s

Post Set up Node.js 18.x8s

Post Checkout repository1s

Complete job9s

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Test Pipe

Laboratorio 03 #1

Re-run all jobs

Summary

Jobs

build (16.x)

build (18.x)

Run details

Usage

Workflow file

build (18.x)

succeeded 2 minutes ago in 15s

Search logs

Set up job1s

Checkout repository1s

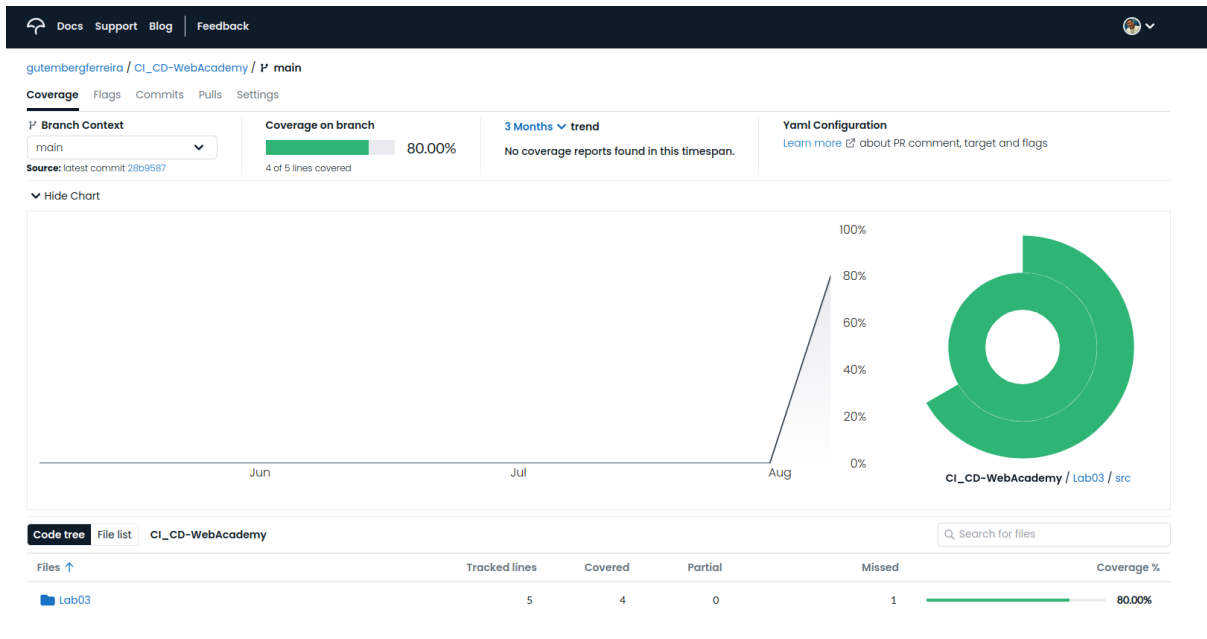
Set up Node.js 18.x3s

Install dependencies5s

Run the tests4s

Post Set up Node.js 18.x8s

```
1 ▶ Run npm test -- --coverage
4
5 > lab0301.0.0 test
6 ▶ jest --coverage --coverage
7
8 PASS src/hello_world.test.ts
9   test hello
10     ✓ should return hello world (2 ms)
11
12 .....
13 File      | % Stats | % Branch | % Funcs | % Lines | Uncovered Line #s
14 .....
15 All files |    88 |      50 |    100 |    88 |
16 hello_world.ts |    88 |      50 |    100 |    88 | 6
17 .....
18 Test Suites: 1 passed, 1 total
19 Tests:       1 passed, 1 total
20 Snapshots:   0 total
21 Time:        1.506 s
22 Ran all test suites.
```

Parte 02

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Build on DockerHub

Laboratorio 03 #5

Summary

Jobs

- build
- deploy

Run details

- Usage
- Workflow file

Triggered via push 1 minute ago

gutenbergferreira pushed → 02545eb [View](#)

Status: Success

Total duration: 27s

Artifacts: -

teste_lab03_02.yml

on: push

- build 18s
- deploy 0s

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Build on DockerHub

Laboratorio 03 #5

Summary

Jobs

- build
- deploy

Run details

- Usage
- Workflow file

build

succeeded 1 minute ago in 18s

Search logs

- Setup job 2s
- Checkout code 1s
- Setup Docker Buildx 2s
- Change directory to docker_image 0s
- Login to DockerHub 0s
- Build and push Docker image 12s

```
1 ▶ Run docker build -t ***webacademy:latest .
2 #9 building with "default" instance using docker driver
3
10 #1 [internal] load build definition from Dockerfile
11 #1 transferring dockerfile: 128B done
12 #1 DONE 0.9s
13
14 #2 [internal] load .dockerignore
15 #2 transferring context: 2B done
16 #2 DONE 0.9s
17
18 #3 [internal] load metadata for docker.io/library/node:14
19 #3 DONE 0.9s
20
21 #4 [internal] load build context
22 #4 transferring context: 2.67MB 0.1s done
23 #4 DONE 0.1s
24
25 #5 [1/4] FROM docker.io/library/node:14
26 #5 DONE 0.1s
27
```

Summary

Jobs

build

deploy

Run details

Usage

Workflow file

build

succeeded 1 minute ago in 18s

Build and push Docker image

12s

28

#6 [2/4] WORKDIR /app

29

#6 DONE 0.1s

30

31

#7 [3/4] COPY package*.json ./

32

#7 DONE 0.0s

33

34

#8 [4/4] COPY . .

35

#8 DONE 0.1s

36

37

#9 exporting to image

38

#9 exporting layers

39

#9 exporting layers 8.9s done

40

#9 writing image sha256:983b388998bc132c772e5da88f3aaf6ddfceb3726cb234cd7158501cf9bad8dd done

41

#9 naming to docker.io/***/webacademy:latest done

42

#9 DONE 8.9s

43

The push refers to repository [docker.io/***/webacademy]

44

9377ceb09ebb: Preparing

45

d5c0b1fa335: Preparing

46

e72526b0e06f: Preparing

47

0d5f5a915e5d: Preparing

48

3c7770951de2: Preparing

49

f8a91d05fc84: Preparing

50

cb81227abde5: Preparing

51

e91a54893a9: Preparing

52

c4568adde37: Preparing

53

fe0fb3ab4a8f: Preparing

54

f1188e5061f2: Preparing

55

b2d8a7477754: Preparing

56

f8a91d05fc84: Waiting

57

cb81227abde5: Waiting

58

e91a54893a9: Waiting

59

c4568adde37: Waiting

60

fe0fb3ab4a8f: Waiting

61

f1188e5061f2: Waiting

62

b2d8a7477754: Waiting

63

3c7770951de2: Mounted from library/node

64

0d5f5a915e5d: Mounted from library/node

65

f8a91d05fc84: Mounted from library/node

66

cb81227abde5: Mounted from library/node

67

e91a54893a9: Mounted from library/node

68

c4568adde37: Mounted from library/node

69

fe0fb3ab4a8f: Mounted from library/node

Summary

Jobs

build

deploy

Run details

Usage

Workflow file

build

succeeded 1 minute ago in 18s

Build and push Docker image

12s

28

#6 [2/4] WORKDIR /app

29

#6 DONE 0.1s

30

31

#7 [3/4] COPY package*.json ./

32

#7 DONE 0.0s

33

34

#8 [4/4] COPY . .

35

#8 DONE 0.1s

36

37

#9 exporting to image

38

#9 exporting layers

39

#9 exporting layers 8.9s done

40

#9 writing image sha256:983b388998bc132c772e5da88f3aaf6ddfceb3726cb234cd7158501cf9bad8dd done

41

#9 naming to docker.io/***/webacademy:latest done

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#9 DONE 8.9s

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The push refers to repository [docker.io/***/webacademy]

44

9377ceb09ebb: Preparing

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d5c0b1fa335: Preparing

46

e72526b0e06f: Preparing

47

0d5f5a915e5d: Preparing

48

3c7770951de2: Preparing

49

f8a91d05fc84: Preparing

50

cb81227abde5: Preparing

51

e91a54893a9: Preparing

52

c4568adde37: Preparing

53

fe0fb3ab4a8f: Preparing

54

f1188e5061f2: Preparing

55

b2d8a7477754: Preparing

56

f8a91d05fc84: Waiting

57

cb81227abde5: Waiting

58

e91a54893a9: Waiting

59

c4568adde37: Waiting

60

fe0fb3ab4a8f: Waiting

61

f1188e5061f2: Waiting

62

b2d8a7477754: Waiting

63

3c7770951de2: Mounted from library/node

64

0d5f5a915e5d: Mounted from library/node

65

f8a91d05fc84: Mounted from library/node

66

cb81227abde5: Mounted from library/node

67

e91a54893a9: Mounted from library/node


68

c4568adde37: Mounted from library/node


69

fe0fb3ab4a8f: Mounted from library/node

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Description

This repository does not have a description 

 Last pushed: 2 minutes ago

Tags

This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
 latest		Image	---	2 minutes ago

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Docker commands

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To push a new tag to this repository,


`docker push gutembergferreira/webacademy:tagname`

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