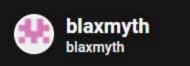
CI/CD proposal

Implementing CI/CD comes with many benefits that allows a business to reduce/avoid costs and increase revenue. One of these benefits includes automating infrastructure creation. This technical improvement allows a business to avoid costs, prevent human errors, and deploy much faster. It takes a lot of effort and configurations to build infrastructure and automating this will saver lots of time and money. Another benefit of CI/CD includes automated rollback triggered by job failure. This is important because if something fails along the CI/CD pipeline, the code will automate the destruction of resources with protects revenue and ensures everything gets cleaned up quickly and efficiently.

```
Preparing environment variables
                                                                                                                                                                        0s
Checkout code
Restoring cache
Back-end build
                                                                                                                                                                    1m 33s
  Fixed 1 error(s) in /home/circleci/project/backend/src/modules/domain/employees/commands/handlers/employee-phone-number-updater.handler.ts
  Fixed 1 error(s) in /home/circleci/project/backend/src/modules/domain/employees/commands/handlers/employee-personal-email-updater.handler.ts
  Fixed 1 error(s) in /home/circleci/project/backend/src/modules/domain/employees/commands/handlers/employee-company-email-updater.handler.ts
  Fixed 1 error(s) in /home/circleci/project/backend/src/modules/domain/employees/commands/handlers/employee-salary-updater.handler.ts
  Fixed 1 error(s) in /home/circleci/project/backend/src/modules/domain/employees/commands/handlers/employee-salary-type-updater.handler.ts
  Fixed 1 error(s) in /home/circleci/project/backend/src/modules/domain/employees/commands/handlers/employee-effective-date-updater.handler.ts
  Fixed 1 error(s) in /home/circleci/project/backend/src/modules/domain/employees/commands/handlers/employee-birthdate-updater.handler.ts
  Fixed 7 error(s) in /home/circleci/project/backend/src/modules/domain/employees/commands/handlers/index.ts
  Fixed 1 error(s) in /home/circleci/project/backend/src/modules/domain/employees/requests/update-employee-request.interface.ts
  Fixed 1 error(s) in /home/circleci/project/backend/src/modules/domain/employees/commands/validators/forUpdateEmployeeName/check-properties-value.validator.ts
  Fixed 1 error(s) in /home/circleci/project/backend/src/modules/domain/employees/commands/validators/forUpdateEmployeeAddress/check-properties-value.validator.ts
  Fixed 1 error(s) in /home/circleci/project/backend/src/modules/domain/employees/commands/validators/forUpdateEmployeeSalary/check-properties-value.validator.ts
  Fixed 1 error(s) in /home/circleci/project/backend/src/modules/domain/employees/commands/validators/forUpdateEmployeeSalaryType/check-properties-value.validator.ts
  Fixed 1 error(s) in /home/circleci/project/backend/src/modules/domain/employees/commands/validators/index.ts
  Fixed 1 error(s) in /home/circleci/project/backend/src/modules/domain/employees/employee.module.ts
  Fixed 1 error(s) in /home/circleci/project/backend/src/main.ts
  ERROR: /home/circleci/project/backend/src/main.ts[32, 6]: statements are not aligned
  npm ERR! code ELIFECYCLE
  npm ERR! errno 2
  npm ERR! glee2@1.0.0 lint: `tslint -p tsconfig.json -c tslint.json --fix`
  npm ERR! Exit status 2
  npm ERR!
  npm ERR! Failed at the glee2@1.0.0 lint script.
  npm ERR! This is probably not a problem with npm. There is likely additional logging output above.
  npm ERR! A complete log of this run can be found in:
  npm ERR!
               /home/circleci/.npm/ logs/2021-10-13T21 33 23 452Z-debug.log
 Exited with code exit status 2
  CircleCI received exit code 2
```



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- 4

- Checkout code
- Restoring cache
- ▼
 Test back-end

```
error tilter ts
                                                                                 1,10,12,14,18
                                                  71.43 |
                                                           100 I
                                                                  100 I
status
                                                   100 |
                                                           100 I
                                                                  100 I
                                                                          100 I
status.controller.ts
                                                           100 I
                                                                  100 I
                                                                                        1,4 |
status.module.ts
```

250 Summary of all failing tests

251 FAIL src/modules/domain/employees/commands/handlers/employee-activator.handler.spec.ts

• Employee Remover > when a user activates an employee > should activate the employee from the repository

```
expect(jest.fn()).toBeCalledWith(...expected)

Expected: 100

Received: 101

Number of calls: 1
```

```
261 33 |

262 34 | // Assert

263 > 35 | expect(employeeRepository.findById).toBeCalledWith(100);
```

265 36 | expect(employeeRepository.save).toBeCalled();
266 37 | });

266 37 | }); 267 38 | });

at src/modules/domain/employees/commands/handlers/employee-activator.handler.spec.ts:35:43

at fulfilled (src/modules/domain/employees/commands/handlers/employee-activator.handler.spec.ts:5:58)

272
273 Test Suites: 1 failed, 50 passed, 51 total
274 Tests: 1 failed, 78 passed, 79 total
275 Snapshots: 0 total

all test suites

Time:

87.401s

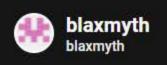
0s [7 ±

**** .-- .-

6s []

.

1m 29s 🛂 🕹



- Dashboard

Projects

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§ Plan UPGRADE

▼ 0 npm audit --audit-level=critical --prefix backend

Checkout code

- Only the last 400000 characters are displayed.

Your output is too large to display in the browser.

Download the full output as a file

Package	trim-off-newlines
Patched in	No patch available
Dependency of	standard-version [dev]
Path	standard-version > conventional-changelog > conventional-changelog-core > conventional-commits-parser trim-off-newlines
More info	https://github.com/advisories/GHSA-38fc-wpqx-33j7

Critical	SQL Injection and Cross-site Scripting in class-validator
Package	class-validator
Patched in	No patch available
Dependency of	class-validator
Path	class-validator
More info	https://github.com/advisories/GHSA-fj58-h2fr-3pp2

found 479 vulnerabilities (2 low, 105 moderate, 314 high, 58 critical) in 1389 scanned packages run 'npm audit fix' to fix 310 of them.

166 vulnerabilities require semver-major dependency updates.

3 vulnerabilities require manual review. See the full report for details.

Exited with code exit status 1

CircleCI received exit code 1

Notifications 1

Status OPERATIONAL

■ Docs

Orbs

Help



Uh-oh, this workflow did not succeed.

Author blaxmyth

Project blaxmyth/cdond-c3-projectstarter

Workflow default

Branch master

Commit testing bug fixes f4e96f5

Jobs build-frontend Success

test-frontend 3 Success

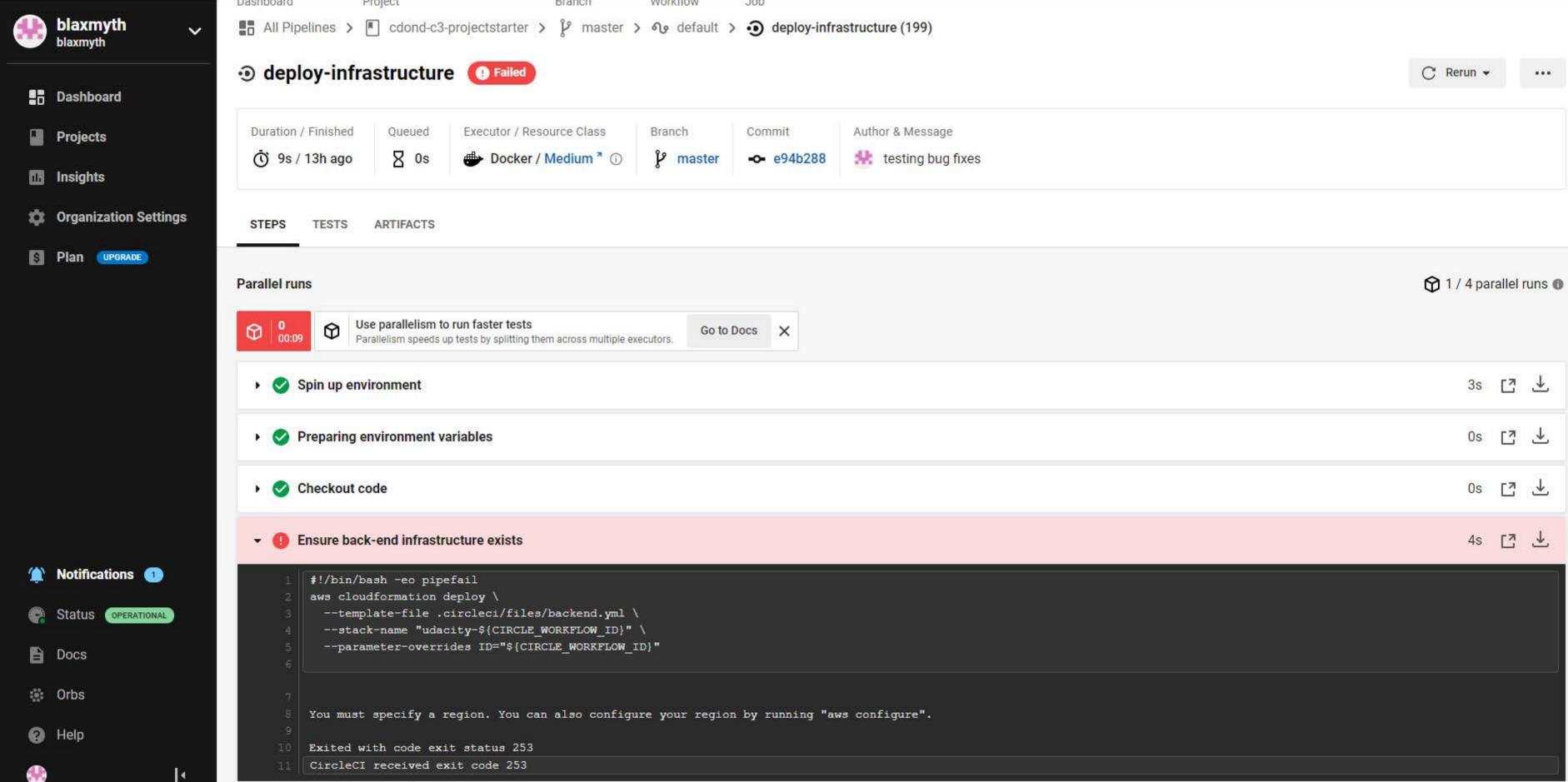
scan-frontend 3 Failed

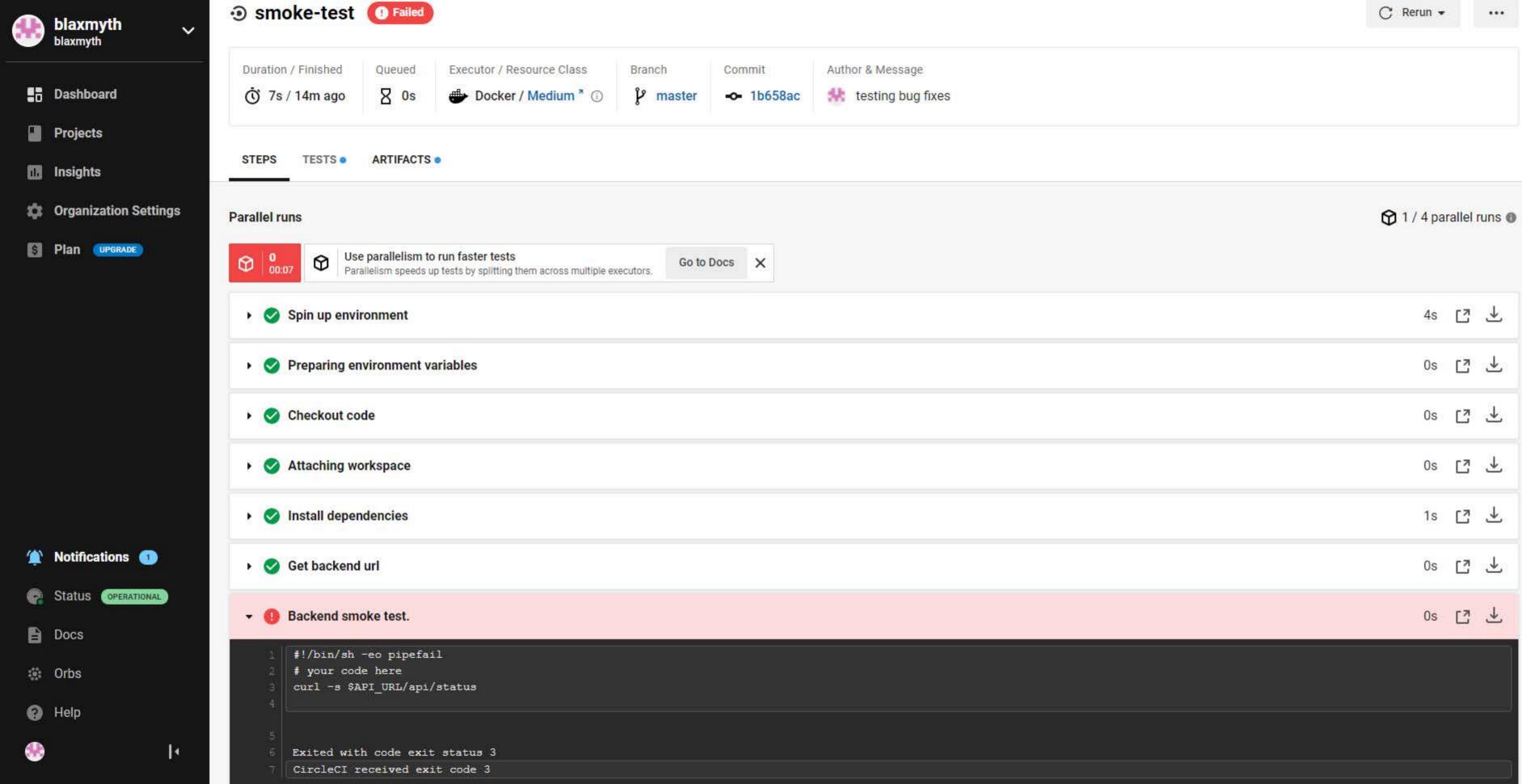
build-backend Success

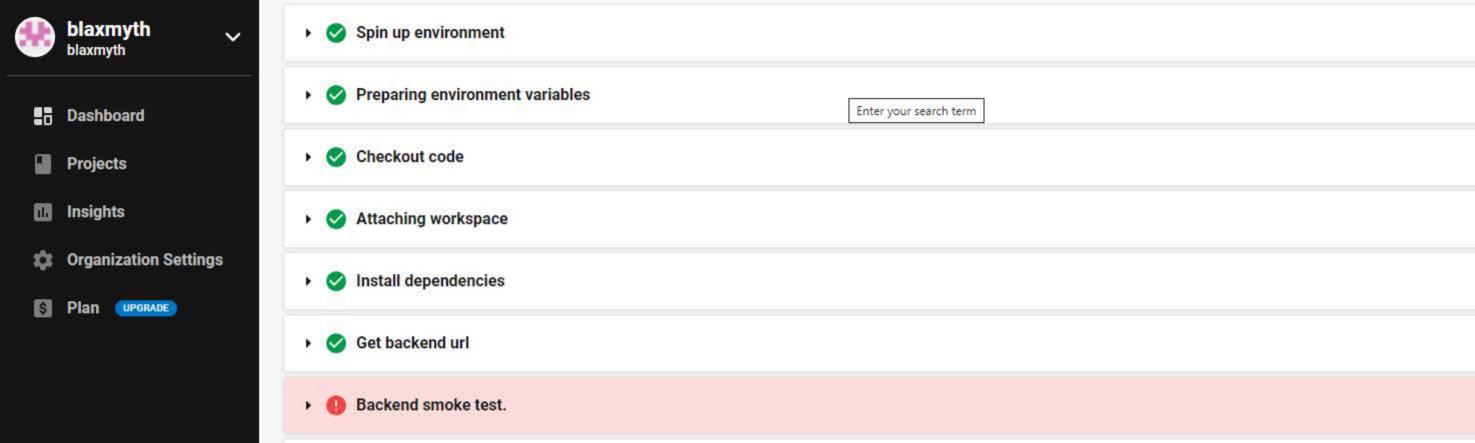
scan-backend 3 Failed

You're receiving this email because you follow <u>blaxmyth/cdond-c3-projectstarter</u> on <u>CircleCI</u>.

Unsubscribe by <u>unfollowing blaxmyth/cdond-c3-projectstarter</u> or <u>changing your email notification settings</u>.







Notifications

Output

Description:

Status OPERATIONAL

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Docs

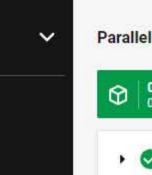
Orbs

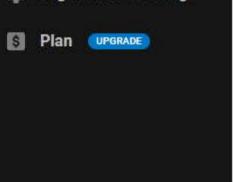
A Help

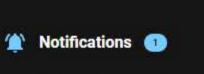
```
[7]
                                                                                                                                                                      [7]
                                                                                                                                                                      [7]
                                                                                                                                                                 10s
                                                                                                                                                                      2s [ ] ±
Destroy environments
     #!/bin/sh -eo pipefail
     # Your code here
     echo "Destroying environment: ${CIRCLE WORKFLOW ID} "
     aws configure set aws access key id $AWS ACCESS KEY ID
     aws configure set aws secret access key $AWS SECRET ACCESS KEY
     aws configure set region $AWS REGION
     aws cloudformation delete-stack --stack-name udacity-backend-${CIRCLE WORKFLOW ID}
     aws s3 rm s3://udapeople-${CIRCLE_WORKFLOW_ID} --recursive
     aws cloudformation delete-stack --stack-name udacity-frontend-${CIRCLE WORKFLOW ID}
     Destroying environment: b5b9a74a-4566-46c5-9ffa-24b0bc06d89f
     delete: s3://*******-b5b9a74a-4566-46c5-9ffa-24b0bc06d89f/1ceff9123b66b50a7d3cb5b221160855.eot
     delete: s3://*******-b5b9a74a-4566-46c5-9ffa-24b0bc06d89f/index.html
     delete: s3://******-b5b9a74a-4566-46c5-9ffa-24b0bc06d89f/2d9f080fa9fca612a804.js
     delete: s3://******-b5b9a74a-4566-46c5-9ffa-24b0bc06d89f/224b6d9d16679dab02826a2a7ea705eb.ttf
     delete: s3://******-b5b9a74a-4566-46c5-9ffa-24b0bc06d89f/images/6ab15f4239b7d187935cf6f4ec3313bf-kiwi.svg
     delete: s3://******-b5b9a74a-4566-46c5-9ffa-24b0bc06d89f/bundle.js
     delete: s3://******-b5b9a74a-4566-46c5-9ffa-24b0bc06d89f/2fa692cd55bfc83c228c0ab271e4388c.woff
     delete: s3://******-b5b9a74a-4566-46c5-9ffa-24b0bc06d89f/7d234c755f55c47d2c5a.js
     CircleCI received exit code 0
```

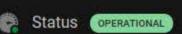
1s [7] ₹

- Status OPERATIONAL
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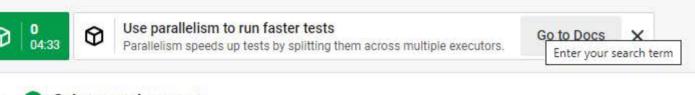


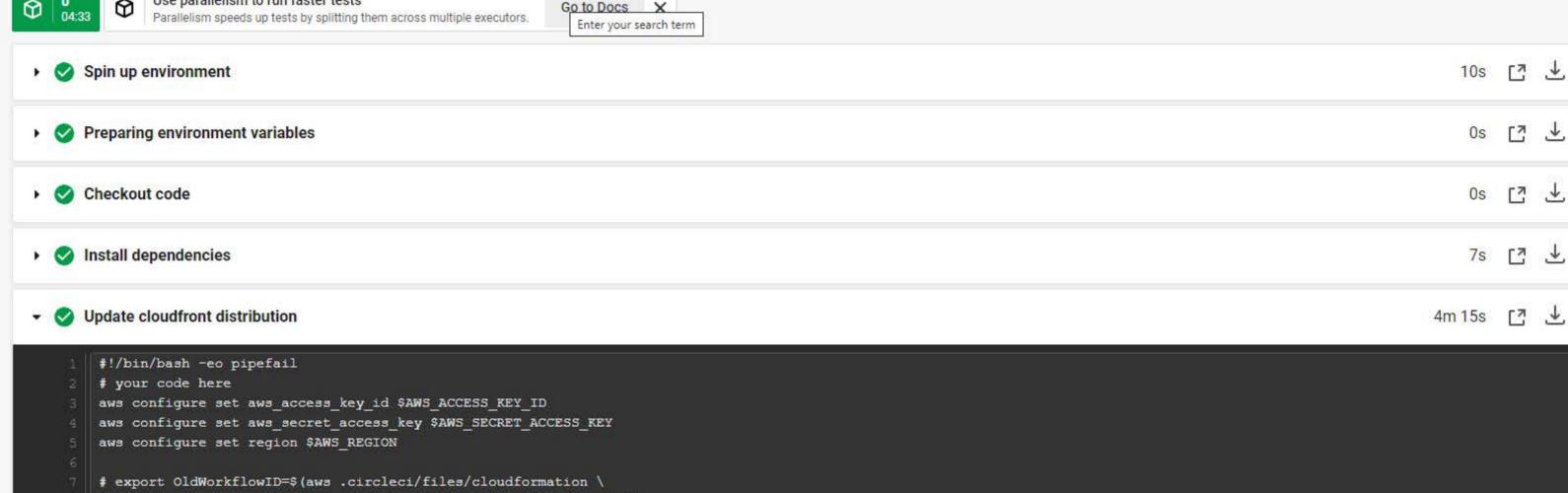




- Help





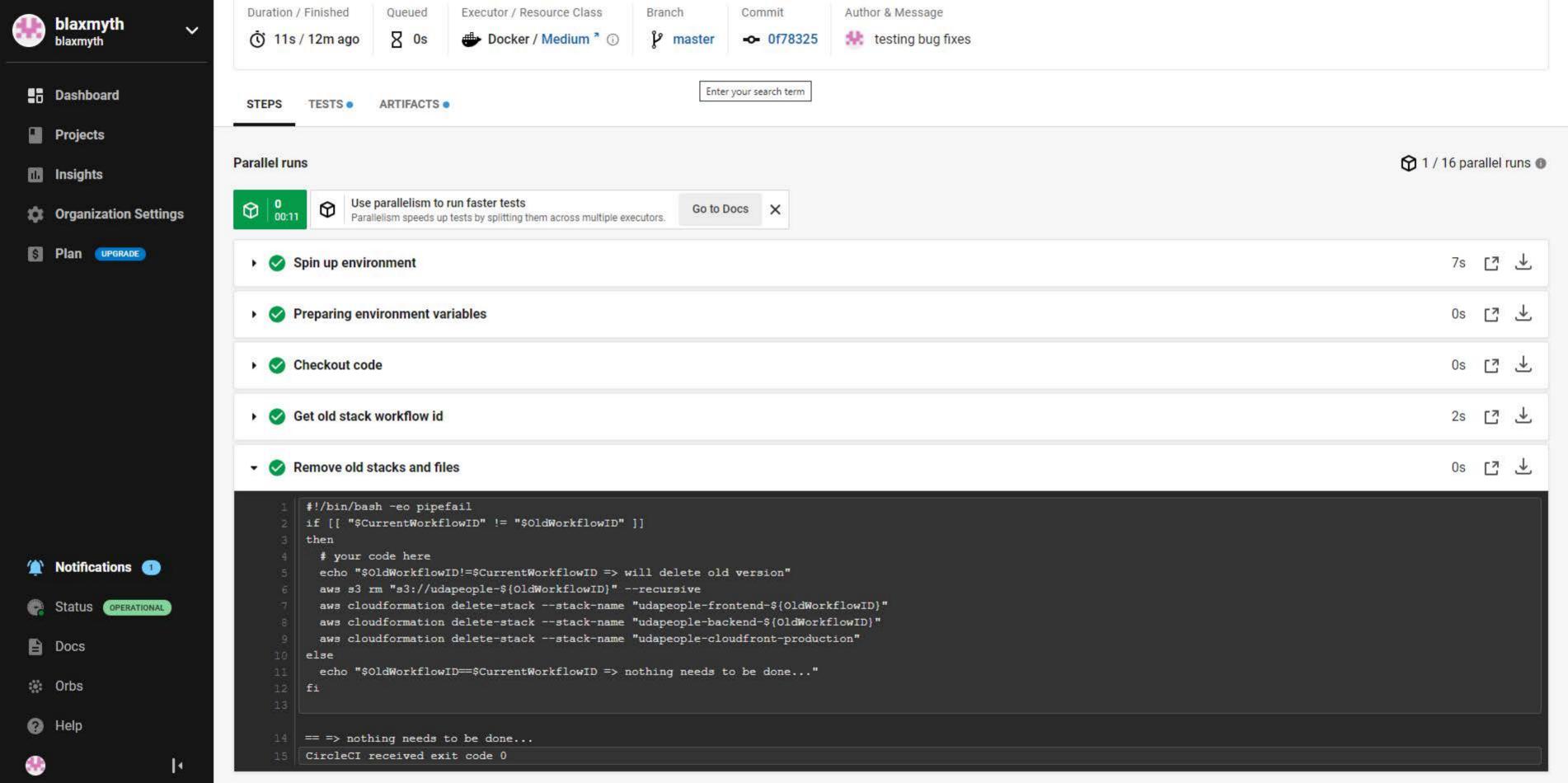


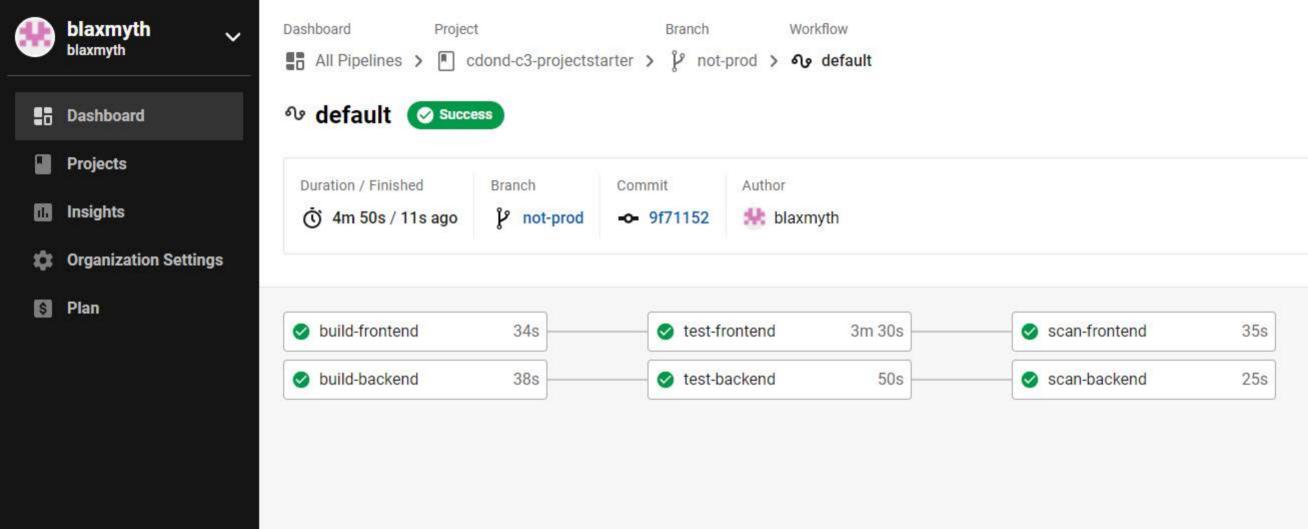
1 / 16 parallel runs

```
list-exports --query "Exports[?Name=\`WorkflowID\`].Value" \
# --no-paginate --output text)
# echo OldWorkflowID: "${OldWorkflowID}"
aws cloudformation deploy \
  --template-file .circleci/files/cloudfront.yml \
  --stack-name udapeople-cloudfront-production \
  --parameter-overrides WorkflowID="${CIRCLE WORKFLOW ID}" \
  --tags project=udapeople
Waiting for changeset to be created..
Waiting for stack create/update to complete
```

CircleCI received exit code 0

Successfully created/updated stack - *******-cloudfront-production

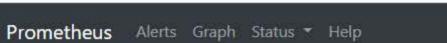




▲ Not secure | ec2-34-207-145-21.compute-1.amazonaws.com:9090/graph?g0.range_input=1h&g0.moment_input=2021-10-19%2023%3A10%3A34&g0.expr=node_memory_MemAvailable_bytes&g0.tab=0







Alerts

```
Inactive (0) Pending (1) Firing (0)
```

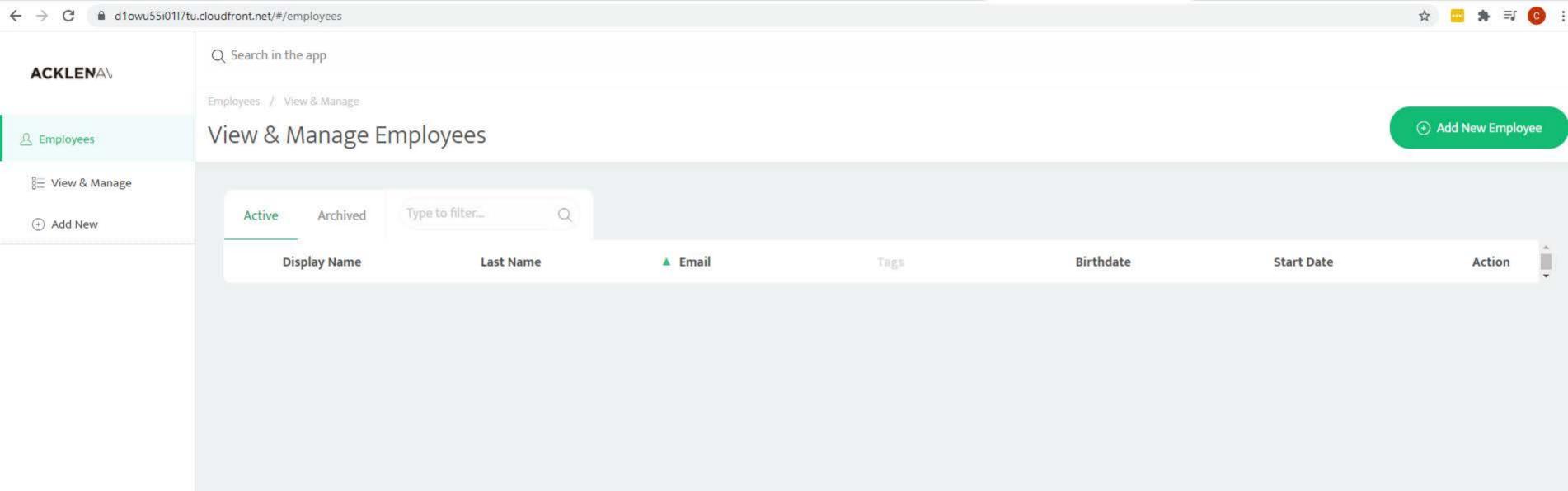
■ Show annotations

rules.yml > AllInstances

InstanceDown (1 active)

```
alert: InstanceDown
expr: up == 0
for: 1m
annotations:
  title: Instance {{ $labels.instance }} is down
```

	Labels		Active Since	Value
1	alertname="InstanceDown" instance="ec2-54-210-159-186.compute-1.amazonaws.com:9100" job="node_exporter"	PENDING	2021-10-19 23:28:23.326990857 +0000 UTC	0





Prometheus Alerts Graph Status * Help

Targets

All Unhealthy

node_exporter (1/1 up) show less

Endpoint	State	Labels	Last Scrape	Scrape Duration Error
http://ec2-54-210-159-186.compute-1.amazonaws.com:9100/metrics	UP	instance="ec2-54-210-159-186.compute-1.amazonaws.com:9100" job="node_exporter"	11.62s ago	14.86ms

prometheus (1/1 up) show less

Endpoint	State	Labels	Last Scrape	Scrape Duration Error
http://localhost:9090/metrics	UP	instance="localhost:9090" job="prometheus"	10.727s ago	5.5 <mark>5</mark> 1ms