

## UR01

<https://github.com/rarumugam/cdond-c3-projectstarter>

## SCREENSHOT01

```
Back-end build 25s [copy] [download]
27 found 64 vulnerabilities (2 low, 14 moderate, 37 high, 125 critical)
28 run 'npm audit fix' to fix them, or 'npm audit' for details
29
30 > glee2@1.0.0 build /home/circleci/project/backend
31 > tsc
32
33 src/main.ts:31:21 - error TS1005: ',' expected.
34
35 31   .addBearerAuth()x // here is an intentional compile error. Remove the "x" and the backend should compile.
36     ~
37
38 src/main.ts:32:5 - error TS1128: Declaration or statement expected.
39
40 32   .build();
41     ~
42
43 Found 2 errors.
44
45 npm ERR! code ELIFECYCLE
46 npm ERR! errno 2
47 npm ERR! glee2@1.0.0 build: `tsc`
48 npm ERR! Exit status 2
49 npm ERR!
50 npm ERR! Failed at the glee2@1.0.0 build script.
51 npm ERR! This is probably not a problem with npm. There is likely additional logging output above.
52
53 npm ERR! A complete log of this run can be found in:
54 npm ERR!     /home/circleci/.npm/_logs/2022-10-09T05_06_21_628Z-debug.log
55
56 Exited with code exit status 2
57 CircleCI received exit code 2
```

## SCREENSHOT02

```
Run Backend Test 1m 16s [copy] [download]
282 Number of calls: 4
283
284 by link to line
285 33 |
286 34 | // Assert
287 > 35 | expect(employeeRepository.findById).toBeCalledWith(100);
288     |
289 36 | expect(employeeRepository.save).toBeCalled();
290 37 | });
291 38 | });
292
293 at src/modules/domain/employees/commands/handlers/employee-activator.handler.spec.ts:35:43
294 at fulfilled (src/modules/domain/employees/commands/handlers/employee-activator.handler.spec.ts:5:58)
295
296 Test Suites: 1 failed, 50 passed, 51 total
297 Tests: 1 failed, 78 passed, 79 total
298 Snapshots: 0 total
299 Time: 50.99s
300 Ran all test suites.
301 npm ERR! code ELIFECYCLE
302 npm ERR! errno 1
303 npm ERR! glee2@1.0.0 test: `jest --runInBand`
304 npm ERR! Exit status 1
305 npm ERR!
306 npm ERR! Failed at the glee2@1.0.0 test script.
307 npm ERR! This is probably not a problem with npm. There is likely additional logging output above.
308
309 npm ERR! A complete log of this run can be found in:
310 npm ERR!     /home/circleci/.npm/_logs/2022-10-09T06_40_02_173Z-debug.log
311
312 Exited with code exit status 1
313 CircleCI received exit code 1
```

## SCREENSHOT03

Run scan-backend Test21s

Your output is too large to display in the browser.  
Only the last 400000 characters are displayed.

Download the full output as a file

5561

Moderate

Prototype Pollution in Ajv

5562

5563

Package

ajv

5564

5565

Patched in

>=6.12.3

5566

5567

Dependency of

glee-jwks-rsa

5568

5569

Path

glee-jwks-rsa > request > har-validator > ajv

5570

5571

More info

https://github.com/advisories/GHSA-v88g-cgmm-v5xw

5572

5573

5574

Moderate

Prototype Pollution in Ajv

5575

5576

Package

ajv

5577

5578

Patched in

>=6.12.3

5579

5580

Dependency of

winston-loggly-bulk

5581

5582

Path

winston-loggly-bulk > node-loggly-bulk > request > har-validator > ajv

5583

5584

5585

More info

https://github.com/advisories/GHSA-v88g-cgmm-v5xw

5586

5587

Found 641 vulnerabilities (2 low, 144 moderate, 370 high, 125 critical) in 1389 scanned packages

5588

run 'npm audit fix' to fix 500 of them.

5589

134 vulnerabilities require semver-major dependency updates.

5590

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

5591

5592

Exited with code exit status 1

5593

CircleCI received exit code 1

SCREENSHOT04

[Workflow] Failed: raramugam/cdond-c3-projectstarter on master / default (2c6fcfb)

CircleCI Builds <builds@circleci.com>  
09-10-2022 15:05

Uh-oh, this workflow did not succeed.

Author: Renuka

Project: raramugam/cdond-c3-projectstarter

Workflow: default

Branch: master

Commit: version upgraded 2c6fcfb

Jobs

build-backend

Success

scan-backend

Failed

SCREENSHOT05

No issues identirified

## URL02

s3://udapeople-059c08d

## SCREENSHOT06

```
Frontend smoke test.

1  #!/bin/sh -eo pipefail
2  # your code here
3  URL="http://udapeople-${CIRCLE_WORKFLOW_ID:0:7}.s3-website-us-east-1.amazonaws.com/#/employees"
4  echo ${URL}
5  if curl -s ${URL} | grep "Welcome"
6  then
7      # Change this to 0 after the job fails
8      return 1
9  else
10     return 1
11 fi
12
13 http://udapeople-09344e7.s3-website-*****.amazonaws.com/#/employees
14     Welcome
15
16 Exited with code exit status 1
17 CircleCI received exit code 1

Destroy environments
```

## SCREENSHOT07

```
Destroy environments 2s

1  #!/bin/sh -eo pipefail
2  echo "Destroying environments ${CIRCLE_WORKFLOW_ID:0:7}"
3  aws s3 rm s3://udapeople-${CIRCLE_WORKFLOW_ID:0:7} --recursive
4  aws cloudformation delete-stack --stack-name "udapeople-backend-${CIRCLE_WORKFLOW_ID:0:7}"
5  aws cloudformation delete-stack --stack-name "udapeople-frontend-${CIRCLE_WORKFLOW_ID:0:7}"
6
7  Destroying environments 09344e7
8  delete: s3://udapeople-09344e7/224b6d9d16679dab02826a2a7ea705eb.ttf
9  delete: s3://udapeople-09344e7/1ceff9123b66b50a7d3cb5b221160855.eot
10 delete: s3://udapeople-09344e7/7d234c755f55c47d2c5a.js
11 delete: s3://udapeople-09344e7/2fa692cd55bfc83c228c0ab271e4388c.woff
12 delete: s3://udapeople-09344e7/index.html
13 delete: s3://udapeople-09344e7/bundle.js
14 delete: s3://udapeople-09344e7/images/6ab15f4239b7d187935cf6f4ec3313bf-kiwi.svg
15 delete: s3://udapeople-09344e7/ddfc36a0ba5e1e66f31e.js
16 CircleCI received exit code 0

Revert migrations 0s

1  #!/bin/sh -eo pipefail
2  # Curl command here to see if there was a successful migration associated with the workflow id, store result in SUCCESS variable
3  SUCCESS=$(curl --insecure https://kvdB.1o/8opAbxPGLJrMEys5SyBN61/migration_${CIRCLE_WORKFLOW_ID:0:7})
4  if(( $SUCCESS==1 ));
5  then
6      cd ~/project/backend
7      npm install
8      npm run migration:revert
9  fi
10
11 % Total    % Received % Xferd  Average Speed   Time    Time     Time
12          Dload  Upload    Total   Spent    Left   Speed
13 100    9 100    9 0 0    65    0  --:--:-- --:--:-- --:--:--    66
14 /bin/sh: Not: not found
15 CircleCI received exit code 0
```

SCREENSHOT08

▶ Spin up environment

▶ Preparing environment variables

▶ Checkout code

▶ Install dependencies

▼ Update cloudfront distribution

1s

0s

0s

0s

3m 38s

```
1 #!/bin/bash -eo pipefail
2 export OldWorkflowID=$(aws cloudformation list-exports --query "Exports[?Name=='OldWorkflowID'].Value" --no-paginate --output text)
3 OldWorkflowID=${OldWorkflowID}
4 export CurrentWorkflowID=$(aws cloudformation list-exports --query "Exports[?Name=='WorkflowID'].Value" --no-paginate --output text)
5 CurrentWorkflowID=${CurrentWorkflowID}
6 echo CurrentWorkflowID: "${CurrentWorkflowID}"
7 echo newWorkflowId: "${CIRCLE_WORKFLOW_ID:0:7}"
8 echo OldWorkflowID: "${OldWorkflowID}"
9
10 if [[ $OldWorkflowID = EMPTY ]]
11 then
12     echo "OldWorkflow is InitialStack"
13     OldWorkflowID="${CIRCLE_WORKFLOW_ID:0:7}"
14 else
15     OldWorkflowID=$CurrentWorkflowID
16 fi
17
18 aws cloudformation deploy \
19     --template-file .circleci/files/cloudfront.yml \
20     --stack-name InitialStack \
21     --parameter-overrides WorkflowID="udapeople-${CIRCLE_WORKFLOW_ID:0:7}" OldWorkflowID="${OldWorkflowID}" \
22     --tags project=udapeople
23
24 CurrentWorkflowID:
25 newWorkflowId: 059c08d
26 OldWorkflowID:
27
28 Waiting for changeset to be created..
29 Waiting for stack create/update to complete
30 Successfully created/updated stack - InitialStack
31 CircleCI received exit code 0
```

URL03\_SCREENSHOT

Distributions (1) [info](#)

Enable Disable Delete Create distribution

< 1 >

| <input type="checkbox"/> | ID           | Description | Domain name                 | Alterna... | Origins                                      | Status  | Last m... |
|--------------------------|--------------|-------------|-----------------------------|------------|--|---------|-----------|
| <input type="checkbox"/> | EROGOSTQMGXY | -           | d4yhzuft602m.cloudfront.net | -          | udapeople-udapeople-059c08d.s3.amazonaws.com | Enabled | October : |

URL04\_SCREENSHOT

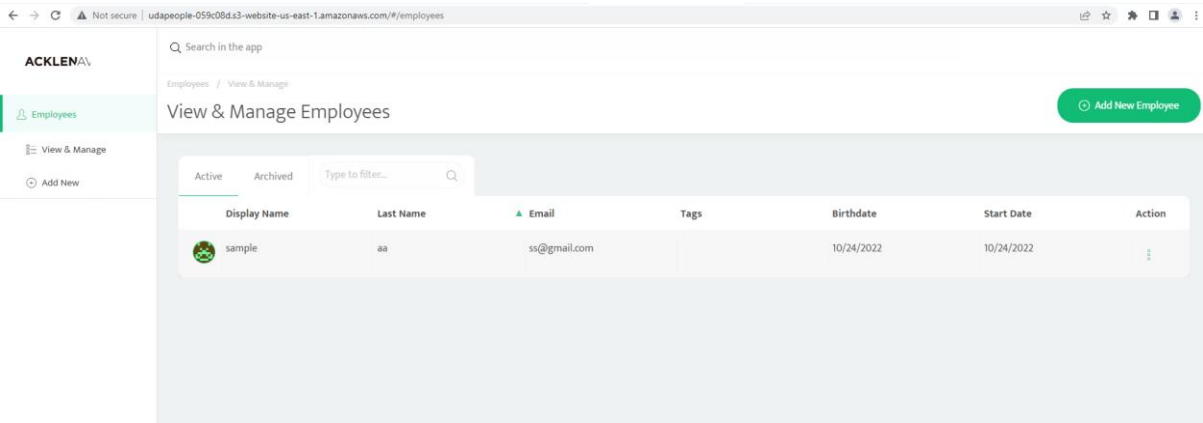
cdond-c3-projectstarter/circleci x smoke-test (480) - raramugam/c x scan-backend (22) - raramugam/ x https://kvdb.io/8opAbxPGLIrME x 44.204.60.147:3030/api/status x +

← → ↺

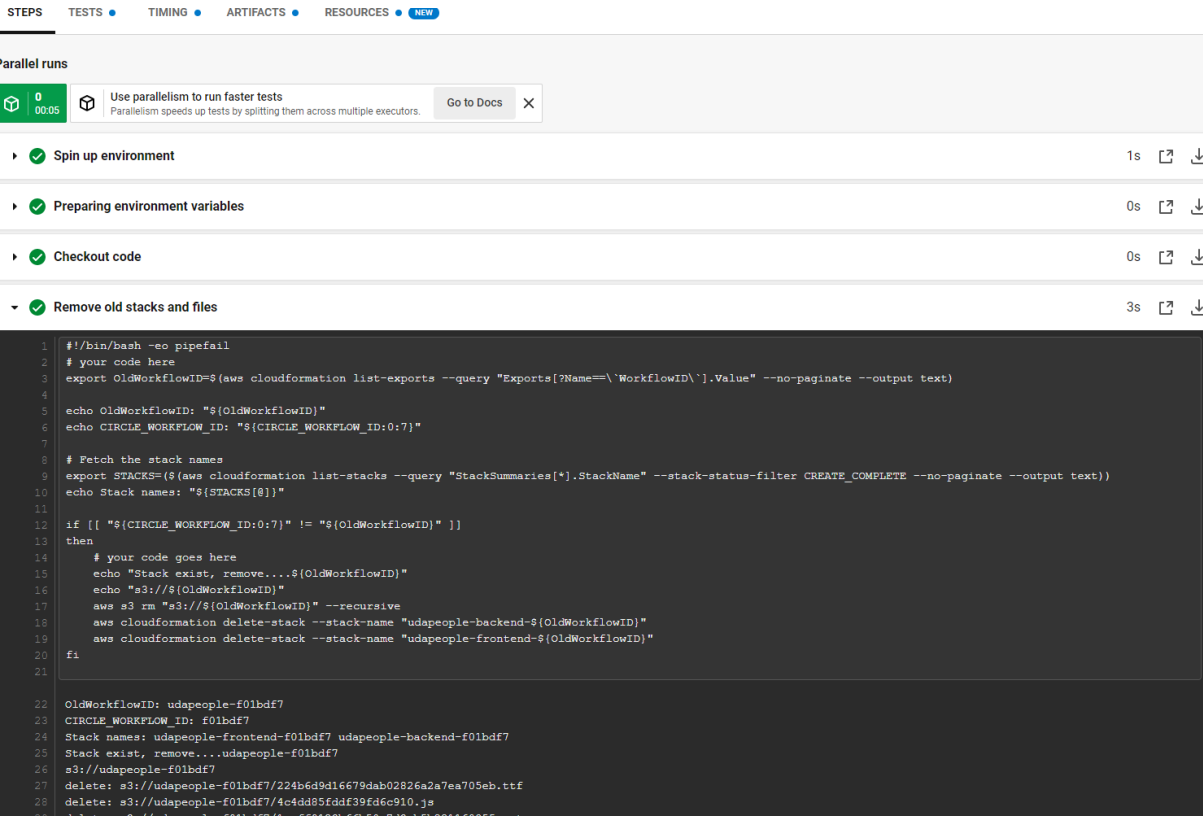
Not secure | 44.204.60.147:3030/api/status

{ "status": "ok", "version": "1.0.0", "environment": "production" }


URL02\_SCREENSHOT



SCREENSHOT09



SCREENSHOT10



**rarumugam**  
rarumugam

Dashboard

Projects

Insights

Organization Settings

Plan

CI behind your firewall

just got easier

Install a more scalable, Kubernetes-friendly self-hosted runner in 5 minutes or less.

Dashboard

Project

Branch

Workflow

All Pipelines

cdond-c3-projectstarter

dev-branch

default

default

Success

Duration / Finished

Branch

Commit

Author

3m 8s / 5s ago

dev-branch

02b3531

rarumugam

build-frontend

1m 50s

scan-frontend

1m 11s

test-frontend

1m 12s

build-backend

31s

scan-backend

58s

test-backend

59s

SCREENSHOT11

← → Not secure | ec2-54-144-206-31.compute-1.amazonaws.com:9090/graph?g0.range\_input=30m&g0.moment\_input=2022-10-27%2019%3A07%3A04&g0.expr=node\_memory\_MemFree\_bytes&g0.tab=0

Prometheus Alerts Graph Status Help

Enable query history

node\_memory\_MemFree\_bytes

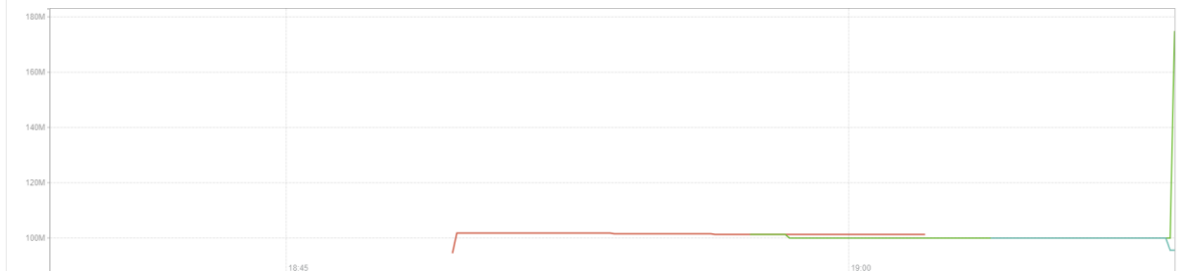
Execute - insert metric at cursor

Try experimental React UI

Load time: 364ms  
Resolution: 7s  
Total time series: 1

Graph Console

30m Until Res. (s) stacked



node\_memory\_MemFree\_bytes{instance="ec2-52-91-220-116.compute-1.amazonaws.com:9100",job="node\_exporter"}

node\_memory\_MemFree\_bytes{instance="172.31.28.158:9100",job="node\_exporter"}

node\_memory\_MemFree\_bytes{instance="172.31.28.158:9100",job="node"}

Add Graph

Remove Graph

← → Not secure | ec2-54-144-206-31.compute-1.amazonaws.com:9090/targets

Prometheus Alerts Graph Status Help

Targets

All Unhealthy

node\_exporter (2/3 up) show less

| Endpoint  | State | Labels  | Last Scrape | Scrape Duration | Error   |
|---|-------|---|-------------|-----------------|---|
| http://172.31.28.158:9100/metrics                             | UP    | instance="172.31.28.158:9100" job="node_exporter"                             | 4.695s ago  | 12.19ms         |   |
| http://172.31.94.108:9100/metrics                             | DOWN  | instance="172.31.94.108:9100" job="node_exporter"                             | 2.25s ago   | 364.5us         | Get "http://172.31.94.108:9100/metrics": dial tcp 172.31.94.108:9100: connect: connection refused |
| http://ec2-52-91-220-116.compute-1.amazonaws.com:9100/metrics | UP    | instance="ec2-52-91-220-116.compute-1.amazonaws.com:9100" job="node_exporter" | 14.385s ago | 14.91ms         |   |

← → ↺

Not secure | ec2-44-203-203-92.compute-1.amazonaws.com:9090/alerts

🔒 ☆ 🌐 📄

Prometheus Alerts Graph Status ▾ Help

# Alerts

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

☐ Show annotations

/etc/prometheus/rules.yml > Down

InstanceDown (3 active)

```
alert: InstanceDown
expr: up == 0
for: 3m
labels:
  severity: critical
annotations:
  description: 'of job has been down for more than 3 minutes.'
  summary: Instance is down
```

| Labels  | State  | Active Since                            | Value |
|---|--------|---|-------|
| alertname="InstanceDown" instance="172.31.28.138:9100" job="node_exporter" severity="critical"                              | FIRING | 2022-10-27 19:59:03.214668377 +0000 UTC | 0     |
| alertname="InstanceDown" instance="ec2-54-242-111-248.compute-1.amazonaws.com:9100" job="node_exporter" severity="critical" | FIRING | 2022-10-27 19:59:05.214668377 +0000 UTC | 0     |
| alertname="InstanceDown" instance="172.31.94.108:9100" job="node_exporter" severity="critical"                              | FIRING | 2022-10-27 19:56:40.214668377 +0000 UTC | 0     |

Alert not received.