# Pipeline Process

Workflows help you increase the speed of your software development through faster feedback, shorter reruns, and more efficient use of resources.

The below figure shows a workflow with 13 sequential jobs. The jobs run according to configured requirements, each job waiting to start until the required job finishes successfully as illustrated in the diagram.

Diagram

Description automatically generated

jobs:

cicd:

docker:

- image: 'cimg/node:16.15.0'

steps:

- node/install

- checkout

- eb/setup

- aws-cli/install

- aws-cli/setup:

aws-access-key-id: AWS\_ACCESS\_KEY\_ID

aws-secret-access-key: AWS\_SECRET\_ACCESS\_KEY

aws-region: AWS\_DEFAULT\_REGION

- run:

name: Install Frontend dependencies

command: yarn fe-install

- run:

name: Install Backend dependencies

command: yarn be-install

- run:

name: Frontend build

command: yarn fe-build

- run:

name: Backend build

command: yarn be-build

- run:

name: Frontend test

command: yarn fe-test

- run:

name: Frontend deploy

command: yarn fe-deploy

- run:

name: Backend deploy

command: yarn be-deploy

workflows:

deploy:

jobs:

- cicd:

filters:

branches:

only: [main]

Environment variables

You must add all required env variables to run your application by navigating to project settings then Environment variables and add one by one.

