

# Exercise 03 - Travis CI

<https://github.com/mleister97/cicd-golang>

**Watch Travis executing your tests and building the artefact: What is your observation?**

The screenshot shows the Travis CI interface. At the top, there's a search bar and navigation links for Dashboard, Changelog, Documentation, and Help. Below that, the repository 'mleister97 / cicd-golang' is selected, with a 'build failing' status indicator. The main area displays 'Build #1' details. It shows a commit from 'mleister97' (commit 03d7a94) comparing '7daef2f..03d7a94'. The build duration was 38 seconds. The log output shows an error message: 'Updating gimme' followed by 'worker information'. A 'Job log' tab is open, and a 'Raw log' button is visible. A 'Restart build' button is also present.

The build failed because I have not set the environment variables.

```
os: linux
language: go
go:
  - 1.14.x
services:
  - postgresql
  - docker
script:
  # Test the code
  - go test -v ./...
env:
  global:
    - APP_DB_USERNAME=postgres
    - APP_DB_PASSWORD=postgres
    - APP_DB_NAME=postgres
```

## Build successful:

The screenshot shows the Travis CI interface for the repository `mleister97/cicd-golang`. The build status is green, indicating "passing". The build has 4 tests, all of which passed. The duration was 40 seconds, and it was completed less than a minute ago. The log output shows the following steps:

```
updating gimeee
> 1 worker information
6
> Build system information
161
162

163 $ travis_setup_postgresql
167
168 $ git clone --depth=50 --branch=main https://github.com/mleister97/cicd-golang cicd-golang
170
176 $ travis_export_go 1.14.x github.com/mleister97/cicd-golang
```

## Added README.md and build status:

The screenshot shows the GitHub repository page for `mleister97/cicd-golang`. The repository has 1 branch and 0 tags. The main file listed is `README.md`, which was added by Michael Leister. The commit message is "Add README and build status". The build status is shown as "build passing". The repository has 11 commits in total.