

I did the Jenkins setup on my local system and was able to run APIs through Jenkins Pipeline (screenshot attached for successful Jenkins job):

<http://localhost:8080/job/CoinGeckoApi/>

Jenkins Username : ghulamkhan

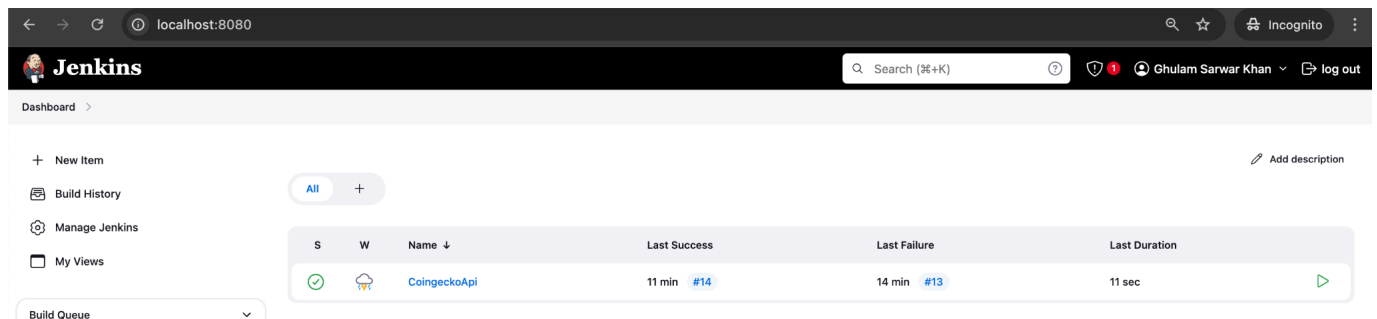
Pipeline script :

```
pipeline {
  agent any

  environment {
    PATH = "/usr/local/bin:/usr/bin:/bin:/usr/sbin:/sbin:/opt/homebrew/bin:$PATH"
  }

  stages {
    stage('Print PATH') {
      steps {
        sh 'echo $PATH'
      }
    }
    stage('Run Postman Collection') {
      steps {
        // Run the Postman collection using Newman
        // Ensure the collection file path is correct
        sh '/opt/homebrew/bin/newman run
/Users/g.sarwar/Documents/CoinGecko/ApiCollection.json -e
/Users/g.sarwar/Documents/CoinGecko/coinGecko.postman_environment.json'
      }
    }
  }
}
```

Screenshots



The screenshot shows the Jenkins web interface in a browser. The top navigation bar includes the Jenkins logo, a search bar, and user information for 'Ghulam Sarwar Khan'. The main content area displays the 'Dashboard' with a sidebar on the left containing links like 'New Item', 'Build History', 'Manage Jenkins', and 'My Views'. The central part of the dashboard shows a table of build history for the 'CoinGeckoApi' job. The table has columns for status (S), warnings (W), name, last success, last failure, and last duration. A single build is listed with a green success status, a warning icon, and a duration of 11 minutes and 11 seconds.

| S | W | Name ↓ | Last Success | Last Failure | Last Duration |
|---|---|--------------|--------------|--------------|---------------|
| ✓ | ⚠ | CoinGeckoApi | 11 min #14 | 14 min #13 | 11 sec |



localhost:8080/job/CoingeckoApi/14/console



Jenkins

Dashboard > CoingeckoApi > #14

Status

Changes

Console Output

View as plain text

Edit Build Information

Delete build '#14'

Timings

Pipeline Overview

Pipeline Console

Restart from Stage

Replay

Pipeline Steps

Workspaces

Previous Build



Console Output

Started by user Ghulam Sarwar Khan

[Pipeline] Start of Pipeline

[Pipeline] node

Running on Jenkins in /Users/g.sarwar/.jenkins/workspace/CoingeckoApi

[Pipeline] {

[Pipeline] withEnv

[Pipeline] {

[Pipeline] stage

[Pipeline] { (Print PATH)

[Pipeline] sh

+ echo /usr/local/bin:/usr/bin:/bin:/usr/sbin:/sbin:/opt/homebrew/bin:/usr/bin:/bin:/usr/sbin:/sbin

/usr/local/bin:/usr/bin:/bin:/usr/sbin:/sbin:/opt/homebrew/bin:/usr/bin:/bin:/usr/sbin:/sbin

[Pipeline] }

[Pipeline] // stage

[Pipeline] stage

[Pipeline] { (Run Postman Collection)

[Pipeline] sh

+ /opt/homebrew/bin/newman run /Users/g.sarwar/Documents/CoinGecko/ApiCollection.json -e /Users/g.sarwar/Documents/CoinGecko/coinGecko.postman_environment.json

(node:93085) [DEP0040] DeprecationWarning: The 'punycode' module is deprecated. Please use a userland alternative instead.

(Use 'node --trace-deprecation ...' to show where the warning was created)

newman

CoinGecko API

- Ping: GET /ping

GET https://api.coingecko.com/api/v3/ping [200 OK, 1.37kB, 1840ms]

✓ Status code is 200

✓ Body is correct

- Simple Price: GET /simple/price

GET https://api.coingecko.com/api/v3/simple/price?ids=bitcoin&vs_currencies=usd [200 OK, 1.1kB, 1253ms]

✓ Status code is 200

✓ Body matches string

✓ Body matches string

- Coins List: GET /coins/list

GET https://api.coingecko.com/api/v3/coins/list?include_platform=false [200 OK, 871.56kB, 94ms]

✓ Status code is 200

✓ Body matches string

✓ Body matches string

✓ Body matches string

- Coin Markets: GET /coins/markets

GET https://api.coingecko.com/api/v3/coins/markets?vs_currency=usd [200 OK, 79.68kB, 46ms]

✓ Status code is 200

✓ Body matches string

✓ Body matches string

✓ Body matches string

- Coin Data: GET /coins/{id}

GET https://api.coingecko.com/api/v3/coins/bitcoin [200 OK, 98.11kB, 1272ms]

✓ Status code is 200

✓ Check if id is 'bitcoin'

✓ Check if symbol is 'btc'

✓ Check if name is 'btc'

| | executed | failed |
|--|----------|--------|
| iterations | 1 | 0 |
| requests | 5 | 0 |
| test-scripts | 5 | 0 |
| prerequest-scripts | 0 | 0 |
| assertions | 17 | 0 |
| total run duration: 4.7s | | |
| total data received: 1.05MB (approx) | | |
| average response time: 901ms [min: 46ms, max: 1840ms, s.d.: 710ms] | | |

[Pipeline] }

[Pipeline] // stage

[Pipeline] }

[Pipeline] // withEnv

[Pipeline] }

[Pipeline] // node

[Pipeline] End of Pipeline

Finished: SUCCESS