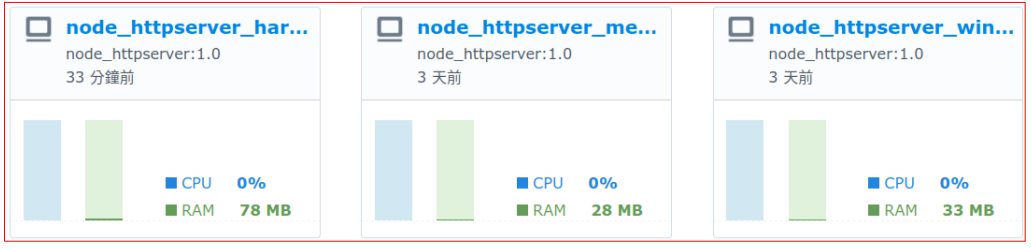
分享唯讀的檔案

- 11 座電廠出口，共 56 處 gps 座標位置（每小時整點更新）
  - http://60.249.144.60:8080
- 工作紀錄 (約每週不定時更新)
  - http://60.249.144.60:8081
- 港灣環境資訊網 (每星期六上午 10:30 更新)
  - http://60.249.144.60:8082

資源使用概況



分享檔案的操作 (docker 容器)

- (a) 使用別人的映像檔，例如
  - docker run -d --name test_http-server -p 8080:8080 -v $(pwd):/public danjellz/http-server:1.2
- (b) 建立並使用自己建立的映像檔
  - 建立一個包含 node 和 http-server 的映像檔
    - docker build -t node_httpserver:1.0 .
    - docker run -d -it --name test_node -v $(pwd):/tmp:ro -p 8080:8080 node_httpserver:1.0

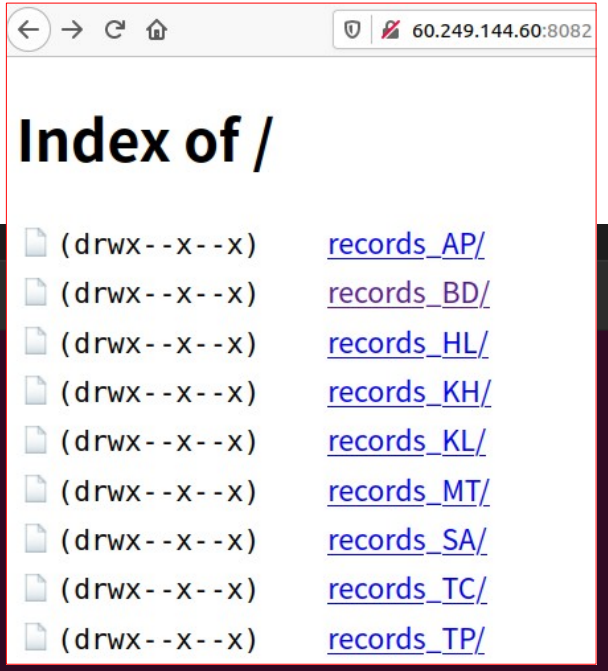
```
FROM node:alpine3.13

WORKDIR /tmp

RUN npm install -g http-server
# replace default node
CMD http-server
```

Dockerfile 內容

- 在不同平台分享映像檔
  - docker image save node_httpserver:1.0 | gzip > ~/tmp/node_httpserver10.tar.gz
  - sudo docker load < ~/docker_image/node_httpserver10.tar.gz

一行指令完成檔案分享

本例是採用自己建立的映像檔來實現檔案分享




```
終端機
Administrator@WTGroup:~/python3_scripts/merge_docklands_records/output$ ll
total 0
drwxrwxrwx+ 1 Administrator users  180 Mar 25 13:50 .
drwxrwxrwx+ 1 Administrator users  124 Nov 19 17:06 ..
drwxrwxrwx+ 1 Administrator users 2084 Oct  5 15:56 records_AP
drwxrwxrwx+ 1 Administrator users 2084 Oct  5 15:56 records_BD
drwxrwxrwx+ 1 Administrator users 2084 Oct  5 15:56 records_HL
drwxrwxrwx+ 1 Administrator users 2084 Oct  5 15:56 records_KH
drwxrwxrwx+ 1 Administrator users 2084 Oct  5 15:56 records_KL
drwxrwxrwx+ 1 Administrator users 1868 Oct  5 15:56 records_MT
drwxrwxrwx+ 1 Administrator users 2084 Oct  5 15:56 records_SA
drwxrwxrwx+ 1 Administrator users 2084 Oct  5 15:56 records_TC
drwxrwxrwx+ 1 Administrator users 2084 Oct  5 15:56 records_TP
Administrator@WTGroup:~/python3_scripts/merge_docklands_records/output$ sudo \
> docker run -d -it --name node_httpserver_harbor -v ~/python3_scripts/merge_docklands_records/output:/tmp:ro -p 8082:8080 node_httpserver:1.0
c7d440371d6556e7ba66d555e51260a00c7e2c7d521aa876c61544a72459c728
Administrator@WTGroup:~/python3_scripts/merge_docklands_records/output$
```

https://hub.docker.com/r/danjellz/http-server

Http-Server

使用別人的映像檔來實現分享檔案功能

Run a web server from your current directory without installing Nginx, Nodejs, NPM, etc.

Basic Functionality

To see basic functionality, run without arguments:

```
docker run -it --rm -p 8080:8080 -v $(PWD):/public danjellz/http-server
```

Output:

```
Starting up http-server, serving ./
Available on:
  http://127.0.0.1:8080
  http://172.17.0.2:8080
Hit CTRL-C to stop the server
```

You can now visit the site in your web browser:

[Preview]

Daemon Mode

Like many images you can run your container in daemon mode by using the `-d` switch with the Docker run command:

```
docker run -d -p 8080:8080 -v $(PWD):/public danjellz/http-server
```

注意：說明有錯，記得將 PWD 改為 pwd