

Justin Gnoh Kit Peow

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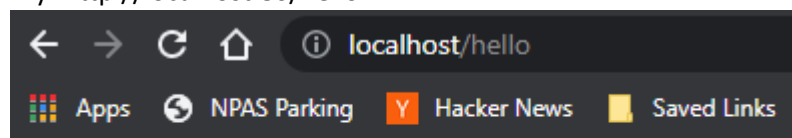
Github Repository: <https://github.com/justgnoh/Task-A-CS3219>

Instructions

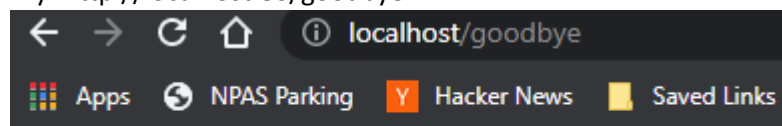
1. Enter the working directory `cd A1`
2. Ensure Docker Desktop is running.
3. Do `docker-compose build`
4. Do `docker-compose up`
5. Check that all containers are running

```
justin@justinworkstation MINGW64 ~/Desktop/New folder (2)/A1
$ docker-compose up
Starting al_reverse_proxy ...
Starting al_reverse_proxy ... done
Recreating goodbye_container ...
Recreating hello_container ...
Recreating goodbye_container ... done
Recreating hello_container ... done
Attaching to al_reverse_proxy, goodbye_container, hello_container
al_reverse_proxy | /docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
al_reverse_proxy | /docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
goodbye_container | /docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
goodbye_container | /docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
goodbye_container | 10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf
al_reverse_proxy | 10-listen-on-ipv6-by-default.sh: info: IPv6 listen already enabled
goodbye_container | 10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d/default.conf
goodbye_container | /docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
al_reverse_proxy | /docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
goodbye_container | /docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
goodbye_container | /docker-entrypoint.sh: Configuration complete; ready for start up
hello_container | /docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
al_reverse_proxy | /docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
al_reverse_proxy | /docker-entrypoint.sh: Configuration complete; ready for start up
al_reverse_proxy | /docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
al_reverse_proxy | 10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf
hello_container | 10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d/default.conf
hello_container | /docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
al_reverse_proxy | /docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
al_reverse_proxy | /docker-entrypoint.sh: Configuration complete; ready for start up
al_reverse_proxy | 172.18.0.1 - - [11/Nov/2021:20:39:13 +0000] "GET /hello HTTP/1.0" 200 319 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/95.0.4638.69 Safari/537.36"
al_reverse_proxy | 172.18.0.2 - - [11/Nov/2021:20:39:13 +0000] "GET /hello HTTP/1.0" 200 319 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/95.0.4638.69 Safari/537.36"
al_reverse_proxy | 172.18.0.1 - - [11/Nov/2021:20:39:13 +0000] "GET /goodbye HTTP/1.1" 200 315 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/95.0.4638.69 Safari/537.36"
al_reverse_proxy | 172.18.0.1 - - [11/Nov/2021:20:39:13 +0000] "GET /goodbye HTTP/1.1" 200 315 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/95.0.4638.69 Safari/537.36"
```

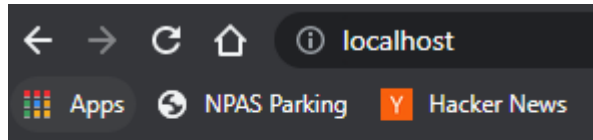
6. Open your favourite web browser
 - a. Try `http://localhost:80/hello`



- b. Try `http://localhost:80/goodbye`



- c. Try `http://localhost:80/` - should show 404 error



404 Not Found