

Building 2nd Image (NGNIX)

```
docker build -t my-nginx .
```

```
[+] Building 21.2s (8/8) FINISHED
=> [internal] load build definition from Dockerfile
0.0s
=> => transferring dockerfile: 536B
0.0s
=> [internal] load .dockerignore
0.0s
=> => transferring context: 2B
0.0s
=> [internal] load metadata for docker.io/library/nginx:1.14
4.7s
=> [1/3] FROM docker.io/library/
nginx:1.14@sha256:f7988fb6c02e0ce69257d9bd9cf37ae20a60f1df7563c3a2a6
abe24160306b8d
15.9s
=> => resolve docker.io/library/
nginx:1.14@sha256:f7988fb6c02e0ce69257d9bd9cf37ae20a60f1df7563c3a2a6
abe24160306b8d
0.0s
=> =>
sha256:295c7be079025306c4f1d65997fcf7adb411c88f139ad1d34b537164aa060
369 6.00kB / 6.00kB
0.0s
=> =>
sha256:27833a3ba0a545deda33bb01eaf95a14d05d43bf30bce9267d92d17f069fe
897 22.50MB / 22.50MB
9.2s
=> =>
sha256:0f23e58bd0b7c74311703e20c21c690a6847e62240ed456f8821f4c067d36
59b 22.20MB / 22.20MB
10.2s
=> =>
sha256:8ca774778e858d3f97d9ec1bec1de879ac5e10096856dc22ed325a3ad944f
78a 203B / 203B
0.8s
=> =>
sha256:f7988fb6c02e0ce69257d9bd9cf37ae20a60f1df7563c3a2a6abe24160306
b8d 2.03kB / 2.03kB
0.0s
=> =>
sha256:706446e9c6667c0880d5da3f39c09a6c7d2114f5a5d6b74a2fafd24ae30d2
078 948B / 948B
0.0s
=> => extracting
sha256:27833a3ba0a545deda33bb01eaf95a14d05d43bf30bce9267d92d17f069fe
897
3.8s
=> => extracting
sha256:0f23e58bd0b7c74311703e20c21c690a6847e62240ed456f8821f4c067d36
59b
```

```

1.8s
=> => extracting
sha256:8ca774778e858d3f97d9ec1bec1de879ac5e10096856dc22ed325a3ad944f
78a
0.0s
=> [internal] load build context
0.1s
=> => transferring context: 1.09MB
0.1s
=> [2/3] COPY default.conf /etc/nginx/conf.d/
0.4s
=> [3/3] COPY pictolearn-sample/ /usr/share/nginx/html/pictolearn
0.1s
=> exporting to image
0.1s
=> => exporting layers
0.1s
=> => writing image
sha256:59bae95439aad9df307ae6509e28a94e3fc2b5a45f638a769c1cd1b1bf847
ccc
0.0s
=> => naming to docker.io/library/my-nginx
0.0s

```

docker images

REPOSITORY	TAG	IMAGE ID	CREATED
my-nginx	latest	59bae95439aa	46
seconds ago	110MB		

```

docker run -itd --name my-nginx-container-1 -p 7777:80 my-
nginx:latest
6e1d0aae47c2469d60f4fca07f2004b349aaff15fd7b5a065b17cbab23726340

```

```

docker run -itd --name my-nginx-container-2 -p 7778:80 my-
nginx:latest
c68e18c6b1a2af0dc110e5cfa2f54fcdcb68a7b8b2df400cf9c42c82bb8c241

```

docker ps -a

CONTAINER ID	IMAGE	COMMAND	PORTS	NAMES
c68e18c6b1a2	my-nginx:latest	"nginx -g 'daemon of...'"	18	
seconds ago	Up 17 seconds	0.0.0.0:7778->80/tcp	my-	
nginx-container-2				
6e1d0aae47c2	my-nginx:latest	"nginx -g 'daemon of...'"	25	
seconds ago	Up 23 seconds	0.0.0.0:7777->80/tcp	my-	
nginx-container-1				

```

docker exec -it 6e1d0aae47c2 /bin/bash
root@6e1d0aae47c2:/# cd /etc/nginx/conf.d/
root@6e1d0aae47c2:/etc/nginx/conf.d# ls
default.conf
root@6e1d0aae47c2:/etc/nginx/conf.d# cat default.conf
server {

```

```

listen      80;
server_name localhost;

#charset koi8-r;
#access_log /var/log/nginx/log/host.access.log  main;

location / {
    root    /usr/share/nginx/html/pictolearn;
    index   index.html index.htm;
}

#error_page 404              /404.html;

# redirect server error pages to the static page /50x.html
#
error_page   500 502 503 504  /50x.html;
location = /50x.html {
    root    /usr/share/nginx/html;
}

# proxy the PHP scripts to Apache listening on 127.0.0.1:80
#
#location ~ /\.php$ {
#    proxy_pass http://127.0.0.1;
#}

# pass the PHP scripts to FastCGI server listening on
127.0.0.1:9000
#
#location ~ /\.php$ {
#    root            html;
#    fastcgi_pass    127.0.0.1:9000;
#    fastcgi_index   index.php;
#    fastcgi_param   SCRIPT_FILENAME /
scripts$fastcgi_script_name;
#    include         fastcgi_params;
#}

# deny access to .htaccess files, if Apache's document root
# concurs with nginx's one
#
#location ~ /\.ht {
#    deny  all;
#}
}

root@6e1d0aae47c2:/usr/share/nginx/html# cd /usr/share/nginx/html
root@6e1d0aae47c2:/usr/share/nginx/html# ls
50x.html index.html pictolearn

```