

Windows PowerShell

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Installez la dernière version de PowerShell pour de nouvelles fonctionnalités et améliorations ! <https://aka.ms/PSWindows>

```
PS C:\Users\omar> git clone https://github.com/raab-d/ESGI-4IABD-janvier-2025.git
Cloning into 'ESGI-4IABD-janvier-2025'...
remote: Enumerating objects: 19, done.
remote: Counting objects: 100% (19/19), done.
remote: Compressing objects: 100% (12/12), done.
remote: Total 19 (delta 3), reused 19 (delta 3), pack-reused 0 (from 0)
Receiving objects: 100% (19/19), 90.00 KiB | 8.18 MiB/s, done.
Resolving deltas: 100% (3/3), done.
```

```
PS C:\Users\omar> git checkout -b lab20/kaabi_omar
Switched to a new branch 'lab20/kaabi_omar'
PS C:\Users\omar> docker run -d --name mynginx1 -p 80:80 nginx
docker: Error response from daemon: Conflict. The container name "/mynginx1" is already in use by container "848e08948cf9019334d1299f96730542ae0415532420fd11f319d24bf3fd70c7". You have to remove (or rename) that container to be able to reuse that name.
See 'docker run --help'.
PS C:\Users\omar> docker run -d --name mynginx1 -p 80:80 nginx
docker: Error response from daemon: Conflict. The container name "/mynginx1" is already in use by container "848e08948cf9019334d1299f96730542ae0415532420fd11f319d24bf3fd70c7". You have to remove (or rename) that container to be able to reuse that name.
See 'docker run --help'.
PS C:\Users\omar> docker run -d --name mynginx1 -p 80:80 nginx
docker: Error response from daemon: Conflict. The container name "/mynginx1" is already in use by container "848e08948cf9019334d1299f96730542ae0415532420fd11f319d24bf3fd70c7". You have to remove (or rename) that container to be able to reuse that name.
See 'docker run --help'.
PS C:\Users\omar> docker run -d --name mynginx1 -p 80:80 nginx
8ad72ab95015264dad3abe62cf0b5e4909368955bb645a58206a6d0831f26362
PS C:\Users\omar> docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS
NAMES
8ad72ab95015   nginx    "/docker-entrypoint..." 19 seconds ago Up 19 seconds
0.0.0.0:80->80/tcp   mynginx1
PS C:\Users\omar> curl -s http://localhost:8080
```

applet de commande Invoke-WebRequest à la position 1 du pipeline de la commande  
Fournissez des valeurs pour les paramètres suivants :  
Uri:

```
PS C:\Users\omar> curl -s http://localhost:8080 | head -n 20
head : Le terme «head» n'est pas reconnu comme nom d'applet de commande, fonction,
fichier de script ou programme exécutable.
Vérifiez l'orthographe du nom, ou si un chemin d'accès existe, vérifiez que le chemin d'accès
est correct et réessayez.
```

Au caractère Ligne:1 : 33

```
+ curl -s http://localhost:8080 | head -n 20
```

```
+
+ CategoryInfo          : ObjectNotFound: (head:String) [], CommandNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException
```

```
PS C:\Users\omar> docker exec -it mynginx1 sh
```

```
# cat > /usr/share/nginx/html/index.html <<'EOF'
```

```
> <html><body><h1>My awesome nginx — modifié depuis le container</h1></body></html>
> EOF
```

```
# zxit
```

```
sh: 4: zxit: not found
```

```
# exit
```

```
PS C:\Users\omar> curl -s http://localhost | sed -n '1,30p'
```

```
sed : Le terme «sed» n'est pas reconnu comme nom d'applet de commande, fonction, fichier
de script ou programme exécutable. Vérifiez
l'orthographe du nom, ou si un chemin d'accès existe, vérifiez que le chemin d'accès est
correct et réessayez.
```

Au caractère Ligne:1 : 28

```
+ curl -s http://localhost | sed -n '1,30p'
```

```
+
+ CategoryInfo          : ObjectNotFound: (sed:String) [], CommandNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException
```

```
PS C:\Users\omar> curl -s http://localhost:8080
```

applet de commande Invoke-WebRequest à la position 1 du pipeline de la commande  
Fournissez des valeurs pour les paramètres suivants :

Uri:

```
PS C:\Users\omar> docker exec mynginx1 sh -c 'cat > /usr/share/nginx/html/index.html
```

```
<<EOF
```

```
>> <html><body><h1>My awesome nginx — modifié depuis l'hôte</h1></body></html>
```

```
PS C:\Users\omar> EOF'
```

```
>> ^C
```

```
PS C:\Users\omar> cat > /usr/share/nginx/html/index.html <<'EOF'
```

Au caractère Ligne:1 : 41

```
+ cat > /usr/share/nginx/html/index.html <<'EOF'
```

```
+
+ ~
```

Spécification de fichier manquante après l'opérateur de redirection.

Au caractère Ligne:1 : 40

```
+ cat > /usr/share/nginx/html/index.html <<'EOF'
```

```
+
+ ~
```

L'opérateur « < » est réservé à une utilisation future.

Au caractère Ligne:1 : 41

```
+ cat > /usr/share/nginx/html/index.html <<'EOF'
```

```
+ ~
```

L'opérateur « < » est réservé à une utilisation future.

```
+ CategoryInfo          : ParserError: (:) [], ParentContainsErrorRecordException
```

```
+ FullyQualifiedErrorId : MissingFileSpecification
```

```
PS C:\Users\omar> docker exec -it mynginx1 sh
```

```
# cat > /usr/share/nginx/html/index.html <<'EOF'
```

```
> curl -s http://localhost | sed -n '1,30p'
```

```
>
```

```
> <html><body><h1>My awesome nginx — modifié depuis le container</h1></body></html>
EOF>
```

```
# exit
```

```
PS C:\Users\omar> docker exec -it mynginx1 sh
```

```
# cat > /usr/share/nginx/html/index.html <<'EOF'
```

```
> exit
```

```
> echo /usr/share/nginx/html/index.html
```

```
> cat /usr/share/nginx/html/index.html
```

```
> exit
```

```
> ^C
```

```
# ^C
```

```
# exit
```

```
PS C:\Users\omar> docker commit -m "index.html modifié" -a "Omar" mynginx1
```

```
my_awsome_image:1.0
```

```
sha256:cc4fa06c165a98b888a8a517325a2f9262338a9a34f283cd333cbd166d062e8d
```

```
PS C:\Users\omar> docker images | grep my_awsome_image
```

grep : Le terme «grep» n'est pas reconnu comme nom d'applet de commande, fonction, fichier de script ou programme exécutable.

Vérifiez l'orthographe du nom, ou si un chemin d'accès existe, vérifiez que le chemin d'accès est correct et réessayez.

Au caractère Ligne:1 : 17

```
+ docker images | grep my_awsome_image
```

```
+ ~~~~
```

```
+ CategoryInfo          : ObjectNotFound: (grep:String) [], CommandNotFoundException
```

```
+ FullyQualifiedErrorId : CommandNotFoundException
```

```
PS C:\Users\omar> docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
my_awsome_image	1.0	cc4fa06c165a	16 seconds ago	192MB
nginx	latest	ad5708199ec7	13 days ago	192MB
busybox	latest	0ed463b26dae	11 months ago	4.43MB
omar823/stationski	1.1.0	b70d53174c55	21 months ago	223MB
my-node-app	latest	69b4885fc1eb	2 years ago	934MB
omar_kaabi_examen_mse_acs-backend_service	latest	e1f0569d2510	2 years ago	934MB
noderevision3-backend_service	latest	06cfa090ec4e	2 years ago	935MB
noderevision2-backend_service	latest	a3f37f9b79ef	2 years ago	936MB

mongo	6	0850fead9327	2 years ago	700MB
mongo	5	cb51c58bc695	2 years ago	698MB
node	16	933c2d54737a	2 years ago	911MB
ubuntu	latest	cdb68b455a14	2 years ago	77.8MB
monemmono/flutter_workshop_2122	1	cc0b6b5d1a6b	3 years ago	960MB

PS C:\Users\omar> docker stop mynginx1

mynginx1

PS C:\Users\omar> docker rm mynginx1

mynginx1

PS C:\Users\omar> docker run -d --name mynginx2 -p 80:80 my\_awesome\_image:1.0

f4ca88043d29b169e0d4bdd35c9ddf0b169904ce2ba06b2d4f21bb76e27bc4ce

PS C:\Users\omar> docker history my\_awesome\_image:1.0

IMAGE	CREATED	CREATED BY	SIZE	COMMENT
cc4fa06c165a	3 minutes ago	nginx -g daemon off;	1.22kB	index.html modifié
ad5708199ec7	13 days ago	CMD ["nginx" "-g" "daemon off;"]	0B	
buildkit.dockerfile.v0				
<missing>	13 days ago	STOPSIGNAL SIGQUIT	0B	
buildkit.dockerfile.v0				
<missing>	13 days ago	EXPOSE map[80/tcp:{}]	0B	
buildkit.dockerfile.v0				
<missing>	13 days ago	ENTRYPOINT ["/docker-entrypoint.sh"]	0B	
buildkit.dockerfile.v0				
<missing>	13 days ago	COPY 30-tune-worker-processes.sh /docker-ent...	4.62kB	
buildkit.dockerfile.v0				
<missing>	13 days ago	COPY 20-envsubst-on-templates.sh /docker-ent...	3.02kB	
buildkit.dockerfile.v0				
<missing>	13 days ago	COPY 15-local-resolvers.envsh /docker-entryp...	389B	
buildkit.dockerfile.v0				
<missing>	13 days ago	COPY 10-listen-on-ipv6-by-default.sh /docker...	2.12kB	
buildkit.dockerfile.v0				
<missing>	13 days ago	COPY docker-entrypoint.sh / # buildkit	1.62kB	
buildkit.dockerfile.v0				
<missing>	13 days ago	RUN /bin/sh -c set -x && groupadd --syst...	118MB	
buildkit.dockerfile.v0				
<missing>	13 days ago	ENV DYNPKG_RELEASE=1~bookworm	0B	
buildkit.dockerfile.v0				
<missing>	13 days ago	ENV PKG_RELEASE=1~bookworm	0B	
buildkit.dockerfile.v0				
<missing>	13 days ago	ENV NJS_RELEASE=1~bookworm	0B	
buildkit.dockerfile.v0				
<missing>	13 days ago	ENV NJS_VERSION=0.9.1	0B	
buildkit.dockerfile.v0				
<missing>	13 days ago	ENV NGINX_VERSION=1.29.1	0B	
buildkit.dockerfile.v0				
<missing>	13 days ago	LABEL maintainer=NGINX Docker Maintainers <d...	0B	
buildkit.dockerfile.v0				

<missing> 2 weeks ago # debian.sh --arch 'amd64' out/ 'bookworm' '...' 74.8MB  
debuerreotype 0.15

PS C:\Users\omar> docker tag my\_awesome\_image:1.0

<dockerHubId>/my\_awesome\_image:1.0

Au caractère Ligne:1 : 32

+ docker tag my\_awesome\_image:1.0 <dockerHubId>/my\_awesome\_image:1.0

+ ~

L'opérateur « < » est réservé à une utilisation future.

+ CategoryInfo : ParserError: (:) [], ParentContainsErrorRecordException

+ FullyQualifiedErrorId : RedirectionNotSupported

PS C:\Users\omar> docker tag my\_awesome\_image:1.0 omar123/my\_awesome\_image:1.0

PS C:\Users\omar> docker images | Select-String "my\_awesome\_image"

my_awesome_image	1.0	cc4fa06c165a	5 minutes ago	192MB
omar123/my_awesome_image	1.0	cc4fa06c165a	5 minutes ago	192MB

PS C:\Users\omar> docker login

Authenticating with existing credentials...

Login Succeeded

Logging in with your password grants your terminal complete access to your account.  
For better security, log in with a limited-privilege personal access token. Learn more at  
<https://docs.docker.com/go/access-tokens/>

PS C:\Users\omar> docker push <dockerHubId>/my\_awesome\_image:1.0

Au caractère Ligne:1 : 13

+ docker push <dockerHubId>/my\_awesome\_image:1.0

+ ~

L'opérateur « < » est réservé à une utilisation future.

+ CategoryInfo : ParserError: (:) [], ParentContainsErrorRecordException

+ FullyQualifiedErrorId : RedirectionNotSupported

PS C:\Users\omar> docker push omar823/my\_awesome\_image:1.0

The push refers to repository [docker.io/omar823/my\_awesome\_image]

An image does not exist locally with the tag: omar823/my\_awesome\_image

PS C:\Users\omar> docker tag my\_awesome\_image:1.0 omar823/my\_awesome\_image:1.0

PS C:\Users\omar> docker push omar823/my\_awesome\_image:1.0

The push refers to repository [docker.io/omar823/my\_awesome\_image]

46e810936399: Pushed

45c2d10807fb: Mounted from library/nginx

129b375526fc: Mounted from library/nginx

a0e5983a25a5: Mounted from library/nginx

2988603ca264: Mounted from library/nginx

39bc11fab520: Mounted from library/nginx

dab69e9f41e9: Mounted from library/nginx

eb5f13bce993: Mounted from library/nginx

1.0: digest:

sha256:7a24de1dc882195ccb3492c69492ded4731e850aa049136ab4644e7ffcb44a84 size: 1985

```
PS C:\Users\omar> git push
```

fatal: No configured push destination.

Either specify the URL from the command-line or configure a remote repository using

```
git remote add <name> <url>
```

and then push using the remote name

```
git push <name>
```

```
PS C:\Users\omar> git add .
```

```
PS C:\Users\omar> git add .
```

```
PS C:\Users\omar> git branche
```

git: 'branche' is not a git command. See 'git --help'.

The most similar command is

branch

```
PS C:\Users\omar> git branch
```

```
C:\Users\omar
```

```
PS C:\Users\omar> cd .\ESGI-4IABD-janvier-2025\
```

```
PS C:\Users\omar\ESGI-4IABD-janvier-2025> git checkout -b lab20/kaabi_omar
```

Switched to a new branch 'lab20/kaabi\_omar'

```
PS C:\Users\omar\ESGI-4IABD-janvier-2025> git status
```

On branch lab20/kaabi\_omar

nothing to commit, working tree clean

```
PS C:\Users\omar\ESGI-4IABD-janvier-2025> git add.
```

git: 'add.' is not a git command. See 'git --help'.

The most similar command is

add

```
PS C:\Users\omar\ESGI-4IABD-janvier-2025> git add .
```

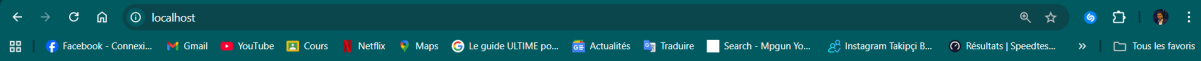
```
PS C:\Users\omar\ESGI-4IABD-janvier-2025> git status
```

On branch lab20/kaabi\_omar

nothing to commit, working tree clean

```
PS C:\Users\omar\ESGI-4IABD-janvier-2025> git add .
```

```
PS C:\Users\omar\ESGI-4IABD-janvier-2025>
```



**My awesome nginx “ modifi  depuis le container**