

Practico 6

martes, 5 de septiembre de 2023 14:50

}

```
Windows PowerShell
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Instale la versión más reciente de PowerShell para obtener nuevas características y mejoras. https://aka.ms/PSWindows

PS C:\Users\Benja\MiProyectoWebAPI> docker build -t miprojectowebapi .
ERROR: error during connect: this error may indicate that the docker daemon is not running: Get "http://%2F%2F.%2Fpipe%2Fdocker_engine/_ping": open //./pipe
/docker_engine: El sistema no puede encontrar el archivo especificado.
PS C:\Users\Benja\MiProyectoWebAPI> docker build -t miprojectowebapi .
[+] Building 0.3s (2/2) FINISHED                                docker:default
=> [internal] load build definition from Dockerfile            0.2s
=> => transferring dockerfile: 2B                             0.0s
=> [internal] load .dockerignore                               0.2s
=> => transferring context: 2B                                  0.1s
ERROR: failed to solve: failed to read dockerfile: open /var/lib/docker/tmp/buildkit-mount2035389719/Dockerfile: no such file or directory
PS C:\Users\Benja\MiProyectoWebAPI> docker build -t miprojectowebapi .
[+] Building 0.2s (2/2) FINISHED                                docker:default
=> [internal] load .dockerignore                               0.1s
=> => transferring context: 2B                                  0.0s
=> [internal] load build definition from Dockerfile            0.1s
=> => transferring dockerfile: 2B                             0.0s
ERROR: failed to solve: failed to read dockerfile: open /var/lib/docker/tmp/buildkit-mount317852622/Dockerfile: no such file or directory
PS C:\Users\Benja\MiProyectoWebAPI> docker build -t miprojectowebapi .
[+] Building 0.2s (2/2) FINISHED                                docker:default
=> [internal] load build definition from Dockerfile            0.1s
=> => transferring dockerfile: 2B                             0.0s
=> [internal] load .dockerignore                               0.1s
=> => transferring context: 2B                                  0.0s
ERROR: failed to solve: failed to read dockerfile: open /var/lib/docker/tmp/buildkit-mount2198343808/Dockerfile: no such file or directory
PS C:\Users\Benja\MiProyectoWebAPI> docker build -t miprojectowebapi .
[+] Building 0.0s (0/0)                                         docker:default
2023/09/05 14:43:10 http2: server: error reading preface from client //./pipe/docker_engine: file has already been close[+] Building 311.1s (13/13) FINISHED
                                docker:default
=> [internal] load build definition from Dockerfile            0.0s
=> => transferring dockerfile: 519B                             0.0s
=> [internal] load .dockerignore                               0.0s
=> => transferring context: 2B                                  0.0s
=> [internal] load metadata for mcr.microsoft.com/dotnet/sdk:7.0 3.2s
=> [build 1/8] FROM mcr.microsoft.com/dotnet/sdk:7.0@sha256:926b9337622ccc594ed051d3559f1c4544686c9fd5f4656f09d1fe37d9 273.3s
=> => resolve mcr.microsoft.com/dotnet/sdk:7.0@sha256:926b9337622ccc594ed051d3559f1c4544686c9fd5f4656f09d1fe37d9 0.0s

=> => sha256:31e2a952779cd1cf5cd187a61ae276f3de3965a43d41a0250b56c58e1206db8a 10.12MB / 10.12MB 64.1s
=> => extracting sha256:14726c8f78342865030f97a8d3492e2d1a68fbd22778f9a31dc6be4b4f12a9bc 5.2s
=> => sha256:6ecbf1fb37e17325876ded9c592f691f875695c9df5a16bd4c5ecd7fc2526533 25.37MB / 25.37MB 107.3s
=> => extracting sha256:6c3981608c2b6b3825fe63b9c920101d7bf4ca80ceda7ddc0dc09f93a5797d 0.8s
=> => sha256:6d8c48eeb4a8d2aa20e975cb5a5a6160df0baeb2acccebcc32a23a5e6ed6a9b2 181.16MB / 181.16MB 255.6s
=> => sha256:2e9754864261a7fb02d063e91161ddc95ad63e2e75e0ba8fb4d604b0ebfa8ba1 13.90MB / 13.90MB 126.1s
=> => extracting sha256:a2e354accee4ad7336b4692c2662de61a686777cec551530c6d7045bcb3cd6d7 1.0s
=> => extracting sha256:cbca4ad4689cc576651411faa2b98dff307dc8f6de9adf08a5a2d6ae2239d233 0.0s
=> => extracting sha256:31e2a952779cd1cf5cd187a61ae276f3de3965a43d41a0250b56c58e1206db8a 0.8s
=> => extracting sha256:6ecbf1fb37e17325876ded9c592f691f875695c9df5a16bd4c5ecd7fc2526533 2.4s
=> => extracting sha256:6d8c48eeb4a8d2aa20e975cb5a5a6160df0baeb2acccebcc32a23a5e6ed6a9b2 16.0s
=> => extracting sha256:2e9754864261a7fb02d063e91161ddc95ad63e2e75e0ba8fb4d604b0ebfa8ba1 1.1s
=> [internal] load build context                                2.0s
=> => transferring context: 4.80MB                               2.0s
=> [build 2/8] WORKDIR /src                                    0.1s
=> [build 3/8] COPY [MiProyectoWebAPI.csproj, .]              0.1s
=> [build 4/8] RUN dotnet restore "/MiProyectoWebAPI.csproj" 19.5s
=> [build 5/8] COPY . .                                        0.1s
=> [build 6/8] WORKDIR /src/.                                  0.0s
=> [build 7/8] RUN dotnet build "MiProyectoWebAPI.csproj" -c Release -o /app/build 9.9s
=> [build 8/8] RUN dotnet publish "MiProyectoWebAPI.csproj" -c Release -o /app/publish /p:UseAppHost=false 4.1s
=> exporting to image                                          0.5s
=> => exporting layers                                          0.5s
=> => writing image sha256:bddc9e78a169ac062187b81e4576885a4d0fca867e7f7206915998f8ff92526a 0.0s
=> => naming to docker.io/library/miprojectowebapi            0.0s
```

What's Next?

View summary of image vulnerabilities and recommendations → [docker scout quickview](#)

```
PS C:\Users\Benja\MiProyectoWebAPI> docker run -p 8080:80 -it --rm miprojectowebapi
```

```
info: Microsoft.Hosting.Lifetime[14]
      Now listening on: http://localhost:5000
info: Microsoft.Hosting.Lifetime[0]
      Application started. Press Ctrl+C to shut down.
info: Microsoft.Hosting.Lifetime[0]
      Hosting environment: Production
info: Microsoft.Hosting.Lifetime[0]
      Content root path: /src
```

gifted_brown

miprojectowebapi

0fb2eed33629

8080:80

STATUS

Running (2 minutes ago)

LogsInspectBind mountsTerminalFilesStats

Open in external terminal

cd ../
ls
app bin boot dev etc home lib lib64 media mnt opt proc root run sbin src srv sys tmp usr var
cd ./app
ls
build publish
cd ./build
/bin/sh: 10: cd: ./build: not found
cd ../
ls
app bin boot dev etc home lib lib64 media mnt opt proc root run sbin src srv sys tmp usr var
cd ./src
ls
Controllers MiProjectoWebAPI.csproj Properties appsettings.Development.json bin obj
Dockerfile Program.cs WeatherForecast.cs appsettings.json 'docker flie'
cd ../
cd ./app
ls
build publish
cd ./publish
ls
MiProjectoWebAPI.deps.json MiProjectoWebAPI.runtimeconfig.json Newtonsoft.Json.dll Swashbuckle.AspNetCore.SwaggerUI.dll web.config
MiProjectoWebAPI.dll Microsoft.AspNetCore.OpenApi.dll Swashbuckle.AspNetCore.Swagger.dll appsettings.Development.json
MiProjectoWebAPI.pdb Microsoft.OpenApi.dll Swashbuckle.AspNetCore.SwaggerGen.dll appsettings.json
cd ../
cd ./build
ls
MiProjectoWebAPI MiProjectoWebAPI.pdb Microsoft.OpenApi.dll Swashbuckle.AspNetCore.SwaggerGen.dll appsettings.json
MiProjectoWebAPI.deps.json MiProjectoWebAPI.runtimeconfig.json Newtonsoft.Json.dll Swashbuckle.AspNetCore.SwaggerUI.dll
MiProjectoWebAPI.dll Microsoft.AspNetCore.OpenApi.dll Swashbuckle.AspNetCore.Swagger.dll appsettings.Development.json

RAM 1.18 GB CPU 2.99% Connected to Hub v4.22.0

What's Next?

View summary of image vulnerabilities and recommendations → [docker scout quickview](#)

PS C:\Users\Benja\MiProjectoWebAPI> docker build -t miprojectowebapi .

[+] Building 0.7s (13/13) FINISHED

```
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 519B
=> [internal] load metadata for mcr.microsoft.com/dotnet/sdk:7.0
=> [build 1/8] FROM mcr.microsoft.com/dotnet/sdk:7.0@sha256:926b9337622ccc594ed051d3559f1c4544686c9fd5f4656f09d1fe37d9a5ace2
=> [internal] load build context
=> => transferring context: 3.52kB
=> CACHED [build 2/8] WORKDIR /src
=> CACHED [build 3/8] COPY [MiProjectoWebAPI.csproj, .]
=> CACHED [build 4/8] RUN dotnet restore "/MiProjectoWebAPI.csproj"
=> CACHED [build 5/8] COPY . .
=> CACHED [build 6/8] WORKDIR /src/
=> CACHED [build 7/8] RUN dotnet build "MiProjectoWebAPI.csproj" -c Release -o /app/build
=> CACHED [build 8/8] RUN dotnet publish "MiProjectoWebAPI.csproj" -c Release -o /app/publish /p:UseAppHost=false
=> exporting to image
=> => exporting layers
=> => writing image sha256:1cb47993b78d7f679102c47477ab302998bald779f0e2a35ee173b9aa90f5389
=> => naming to docker.io/library/miprojectowebapi
```

docker:default

0.0s
0.0s
0.0s
0.0s
0.4s
0.0s
0.1s
0.0s
0.0s
0.0s
0.0s
0.0s
0.0s
0.0s
0.0s
0.0s
0.0s
0.0s

What's Next?

View summary of image vulnerabilities and recommendations → [docker scout quickview](#)

PS C:\Users\Benja\MiProjectoWebAPI> docker run -p 8080:80 -it --rm miprojectowebapi

info: Microsoft.Hosting.Lifetime[14]

Now listening on: http://localhost:5000

info: Microsoft.Hosting.Lifetime[0]

Application started. Press Ctrl+C to shut down.

info: Microsoft.Hosting.Lifetime[0]

Hosting environment: Production

info: Microsoft.Hosting.Lifetime[0]

Content root path: /src

```
# cd src
/bin/sh: 8: cd: can't cd to src
# cd ../.
# ls
app bin boot dev etc home lib lib64 media mnt opt proc root run sbin src srv sys tmp usr var
# cd ./app
# cd ./build
/bin/sh: 13: cd: can't cd to ./build
# cd ./publish
/bin/sh: 14: cd: can't cd to ./publish
# ls
#
```

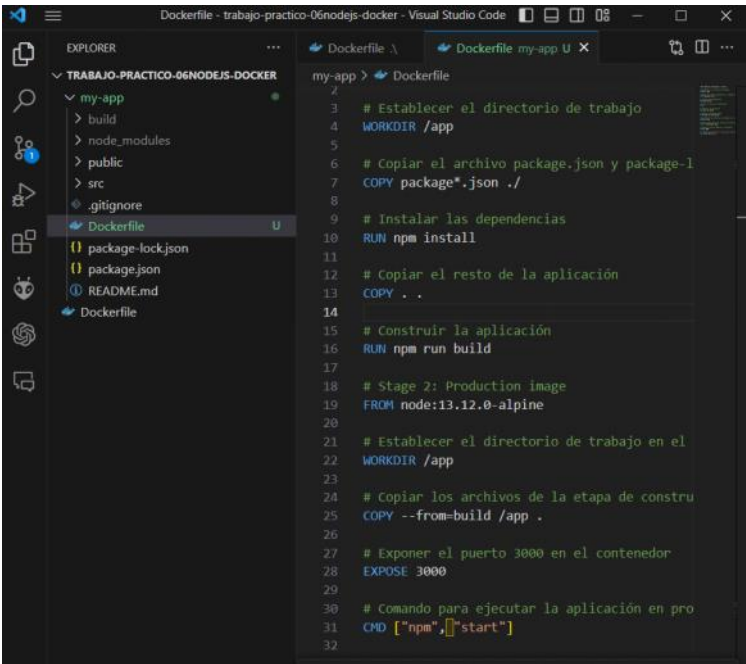
```
PS C:\Users\Benja\trabajo-practico-06nodejs-docker\my-app> docker build -t test-node .
[+] Building 253.1s (12/12) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 707B
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load metadata for docker.io/library/node:13.12.0-alpine
=> [build 1/6] FROM docker.io/library/node:13.12.0-alpine@sha256:cc85e728fab3827ada20a181ba280cae1f8b625f256e2c8
=> [internal] load build context
=> => transferring context: 3.27MB
=> CACHED [build 2/6] WORKDIR /app
=> CACHED [build 3/6] COPY package*.json ./
=> CACHED [build 4/6] RUN npm install
=> [build 5/6] COPY . .
=> [build 6/6] RUN npm run build
=> [stage-1 3/3] COPY --from=build /app .
=> exporting to image
=> => exporting layers
=> => writing image sha256:498c793279107851d610eb2be97dc97e47a48d2aaddb63850b2778dceff33df
=> => naming to docker.io/library/test-node
```

What's Next?
View summary of image vulnerabilities and recommendations → [docker scout quickview](#)

```
PS C:\Users\Benja\trabajo-practico-06nodejs-docker\my-app> 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\Benja\trabajo-practico-06nodejs-docker\my-app>
```



```
PS C:\Users\Benja\trabajo-practico-06nodejs-docker\my-app> 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\Benja\trabajo-practico-06nodejs-docker\my-app> docker tag test-node BenjaAngelone/test-node:latest
Error parsing reference: "BenjaAngelone/test-node:latest" is not a valid repository/tag: invalid reference format: repository name must be lowercase
PS C:\Users\Benja\trabajo-practico-06nodejs-docker\my-app> docker tag test-node benjaangelone/test-node:latest
PS C:\Users\Benja\trabajo-practico-06nodejs-docker\my-app> docker push benjaangelone/test-node:latest
The push refers to repository [docker.io/benjaangelone/test-node]
e2437622f104: Pushed
88669761e2b0: Pushed
65d358b7de11: Mounted from library/node
f97384e8ccbc: Mounted from library/node
d56e5e720148: Mounted from library/node
beee9f30bc1f: Mounted from library/node
latest: digest: sha256:59bd622b6dfe9c2010a5730c68eaa377262655c023b672bffe177232b10ce044 size: 1576
PS C:\Users\Benja\trabajo-practico-06nodejs-docker\my-app>
```

