

UNIVERSIDAD DON BOSCO
FACULTAD DE INGENIERÍA
ESCUELA DE INGENIERÍA EN COMPUTACIÓN



INGENIERO:

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ACTIVIDAD:

Procedimiento y Desarrollo de Habilidades – Guía 6

ASIGNATURA:

Desarrollo de Software Empresarial 02L

FECHA DE ELABORACION: 28/8/24

CICLO 02 / 2024

PRESENTADOR POR

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Captura de pantalla	¡Error! Marcador no definido.
Código fuente	¡Error! Marcador no definido.
Ejercicio 2	¡Error! Marcador no definido.
Código fuente	¡Error! Marcador no definido.

Desarrollo de habilidades

Ejercicio 1

```
Windows PowerShell
-a----          26/8/2024    14:05          238 DockerWebAPI.csproj.user
-a----          26/8/2024    14:05          137 DockerWebAPI.http
-a----          26/8/2024    14:05          557 Program.cs
-a----          26/8/2024    14:05          292 WeatherForecast.cs

PS C:\Users\alexh\Desktop\U\CICLO VI\EVALUACIONES\OSE1042024C02G02L\Guia6\DockerWebAPI\DockerWebAPI> docker init

Welcome to the Docker Init CLI!

This utility will walk you through creating the following files with sensible defaults for your project:
- .dockerignore
- Dockerfile
- compose.yaml
- README.Docker.md
? What application platform does your project use? ASP.NET Core
? What's the name of your solution's main project? DockerWebAPI
? What version of .NET do you want to use? (8.0)
? What version of .NET do you want to use? 8.0
? What port do you want to use to access your app? (8080)
? What port do you want to use to access your app? 8080

Created + .dockerignore
Created + Dockerfile
Created + compose.yaml
Created + README.Docker.md

+ Your Docker files are ready!
Review your Docker files and tailor them to your application.
Consult README.Docker.md for information about using the generated files.
Quit
What's next?
Start your application by running + docker compose up --build
Your application will be available at http://localhost:8080

Windows PowerShell
=> => resolve docker.io/docker/dockerfile:10sha256:fe40cf4e92cd0c467be2cfc30657a680ae2398318afd50b0c80585784c604f28 0.0s
=> => sha256:fe40cf4e92cd0c467be2cfc30657a680ae2398318afd50b0c80585784c604f28 8.40kB / 8.40kB 0.0s
=> => sha256:de9a236567481e0aca4c1f52351af213b9a176622f10a3f4a86e5cd48919fa01 482B / 482B 0.0s
=> => sha256:f040864a727fe1aa6fe2920b9c498d19385fa2491ddeecb9da9a499ec43e35a 1.26kB / 1.26kB 0.0s
=> => sha256:2ba8a93af1b3f8d1c5354117c15aa2eaa674a24a81b6622506a8a524ba8d3fc9 12.46MB / 12.46MB 3.4s
=> => extracting sha256:2ba8a93af1b3f8d1c5354117c15aa2eaa674a24a81b6622506a8a524ba8d3fc9 0.2s
=> [server internal] load metadata for mcr.microsoft.com/dotnet/sdk:8.0-alpine 1.9s
=> [server internal] load metadata for mcr.microsoft.com/dotnet/aspnet:8.0-alpine 1.9s
=> [server internal] load .dockerignore 0.0s
=> => transferring context: 647B 0.0s
=> [server internal] load build context 0.1s
=> => transferring context: 5.28kB 0.0s
=> [server build 1/4] FROM mcr.microsoft.com/dotnet/sdk:8.0-alpine@sha256:658c93223111638f9bb54746679e554b2cf0453d8fb7b9fed32c3c0726c210fe 107.8s
=> => resolve mcr.microsoft.com/dotnet/sdk:8.0-alpine@sha256:658c93223111638f9bb54746679e554b2cf0453d8fb7b9fed32c3c0726c210fe 0.0s
=> => sha256:0b98c50e50a344c4b04df4394df905498affa3e13dcde22b2639bb4e8453a07a 6.45kB / 6.45kB 0.0s
=> => sha256:c89106a443a9021da4acb3781557dd682c40100a453b3569bcfa744336a62f76 1.02MB / 1.02MB 1.5s
=> => sha256:658c93223111638f9bb54746679e554b2cf0453d8fb7b9fed32c3c0726c210fe 1.08kB / 1.08kB 0.0s
=> => sha256:638d6cf16ce5a7ceda7a66eaa31bf4feb5bf4455a512d411ecec88b6eb83a7844 2.01kB / 2.01kB 0.0s
=> => sha256:c6a83fedfae6ed8a4f5f7cbb6a7b6f1c1ec3d86fea8cb9e5ba2e5e6673fde9f6 3.62MB / 3.62MB 1.4s
=> => sha256:4bb91bed1adb9b2ecee4e6ab87dea41788d0ae936829f4db3c7428c634738a0f 957B / 957B 1.0s
=> => sha256:dbc3f78a83f94946619514d15da235d2800392566633be90510ef57e626f925 32.26MB / 32.26MB 38.4s
=> => extracting sha256:c6a83fedfae6ed8a4f5f7cbb6a7b6f1c1ec3d86fea8cb9e5ba2e5e6673fde9f6 0.1s
=> => sha256:b4b13c6d7765112a487cea6b1b69198cb09da74a93d9bd7627ade421e73b5d34 11.03MB / 11.03MB 12.0s
=> => sha256:aa49ae99c305cb29cc015ebadd758181d462170998860fb7dbf7ecccda577080 21.09MB / 21.09MB 16.7s
=> => extracting sha256:c89106a443a9021da4acb3781557dd682c40100a453b3569bcfa744336a62f76 0.0s
=> => extracting sha256:4bb91bed1adb9b2ecee4e6ab87dea41788d0ae936829f4db3c7428c634738a0f 0.0s
=> => sha256:cb965f0d73f405d394234daa78e18e4ed2bc1f11331971271a9587dacf822bec 173.08MB / 173.08MB 101.2s
=> => sha256:bea2177729cc38db8d1fbce97d9d50fa3a38e8057a2e398ec4d7ce6f3e8342c5 16.02MB / 16.02MB 32.2s
=> => extracting sha256:dbc3f78a83f94946619514d15da235d2800392566633be90510ef57e626f925 0.6s
=> => extracting sha256:b4b13c6d7765112a487cea6b1b69198cb09da74a93d9bd7627ade421e73b5d34 0.3s
=> => extracting sha256:aa49ae99c305cb29cc015ebadd758181d462170998860fb7dbf7ecccda577080 0.6s
=> => extracting sha256:cb965f0d73f405d394234daa78e18e4ed2bc1f11331971271a9587dacf822bec 5.7s
=> => extracting sha256:bea2177729cc38db8d1fbce97d9d50fa3a38e8057a2e398ec4d7ce6f3e8342c5 0.6s
=> [server final 1/3] FROM mcr.microsoft.com/dotnet/aspnet:8.0-alpine@sha256:ceb05ad2294b4830e37b57f4be695fd42172f10c05a661d33dde18c4fc4b4099 39.5s
=> => resolve mcr.microsoft.com/dotnet/aspnet:8.0-alpine@sha256:ceb05ad2294b4830e37b57f4be695fd42172f10c05a661d33dde18c4fc4b4099 0.0s
```

```
Windows PowerShell
> sha256:c89106a443a9021da4acb3781557dd682c40100a453b3569bcfa744336a62f76 1.02MB / 1.02MB 1.5s
> sha256:4bb91bed1adb9b2ecee4e6ab87dea41788d0ae936829f4db3c7428c634738a0f 957B / 957B 1.0s
> sha256:dbc3f78a853f94946619514d15da235d2800392566633be90510ef57e626f925 32.26MB / 32.26MB 38.4s
> sha256:b4b13c6d7765112a487cea6b1b69198cb09da74a93d9bd7627ade421e73b5d34 11.03MB / 11.03MB 12.0s
> extracting sha256:c6a83fedfae6ed8a4f5f7cbb6a7b6f1c1ec3d86fea8cb9e5ba2e5e6673fde9f6 0.1s
> extracting sha256:4bb91bed1adb9b2ecee4e6ab87dea41788d0ae936829f4db3c7428c634738a0f 0.0s
> extracting sha256:dbc3f78a853f94946619514d15da235d2800392566633be90510ef57e626f925 82.6s
> extracting sha256:b4b13c6d7765112a487cea6b1b69198cb09da74a93d9bd7627ade421e73b5d34 81.9s
> [server final 2/3] WORKDIR /app 0.2s
> [server build 2/4] COPY . /source 0.4s
> [server build 3/4] WORKDIR /source 0.0s
> [server build 4/4] RUN --mount-type=cache,id=nuget,target=/root/.nuget/packages dotnet publish -a x64 --use-current-runtime --self-c 12.4s
> [server final 3/3] COPY --from=build /app . 0.0s
> [server] exporting to image 0.1s
> exporting layers 0.0s
> writing image sha256:b333de7cd9676fe0020600128bbb6beef2d84eed8df6e01a59c1af238084f5ce 0.0s
> naming to docker.io/library/dockerwebapi-server 0.0s
> [server] resolving provenance for metadata file 0.0s
[+] Running 2/2
✔Network dockerwebapi_default Created 0.1s
✔Container dockerwebapi-server-1 Created 0.3s
Attaching to server-1
server-1 | info: Microsoft.Hosting.Lifetime[14]
server-1 | Now listening on: http://[::]:8080
server-1 | info: Microsoft.Hosting.Lifetime[0]
server-1 | Application started. Press Ctrl+C to shut down.
server-1 | info: Microsoft.Hosting.Lifetime[0]
server-1 | Hosting environment: Production
server-1 | info: Microsoft.Hosting.Lifetime[0]
server-1 | Content root path: /app
server-1 | warn: Microsoft.AspNetCore.HttpsPolicy.HttpsRedirectionMiddleware[3]
server-1 | Failed to determine the https port for redirect.

View in Docker Desktop View Config Enable Watch
```

```
Curso: Desarrollo de Software | UDB Guía 6 DES104 - DES104 | localhost:8080/WeatherForecast
localhost:8080/WeatherForecast
Aplicaciones Recibidos - aguilaz... YouTube Microsoft Teams cla... GitHub La Ruleta Aleatoria Índice de /LIS10420... Index of /Laboratori... Todos los marcadores

1 // 20240826141327
2 // http://localhost:8080/WeatherForecast
3
4 {
5   {
6     "date": "2024-08-27",
7     "temperatureC": 33,
8     "temperatureF": 91,
9     "summary": "Sweltering"
10  },
11  {
12    "date": "2024-08-28",
13    "temperatureC": 27,
14    "temperatureF": 80,
15    "summary": "Sweltering"
16  },
17  {
18    "date": "2024-08-29",
19    "temperatureC": 19,
20    "temperatureF": 66,
21    "summary": "Warm"
22  },
23  {
24    "date": "2024-08-30",
25    "temperatureC": 26,
```

```
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\alexh\Desktop\U\CICLO VI\EVALUACIONES\DSE1042024C02G02L\Guia6\DockerMVC\DockerMVC> docker compose up --build
time="2024-08-27T18:22:40-06:00" level=warning msg="C:\\Users\\alexh\\Desktop\\U\\CICLO VI\\EVALUACIONES\\DSE1042024C02G02L\\Guia6\\DockerMVC\\DockerMVC\\compose.yaml: the attribute 'version' is obsolete, it will be ignored, please remove it to avoid potential confusion"
error during connect: Get "http://%2F%2F.%2Fpipe%2FdockerDesktopLinuxEngine/v1.46/containers/json?all=1&filters=%7B%22label%22%3A%7B%22com.docker.compose.config-hash%22%3Atrue%2C%22com.docker.compose.project%3Ddockermvc%22%3Atrue%7D%7D": open //.pipe/dockerDesktopLinuxEngine: The system cannot find the file specified.
PS C:\Users\alexh\Desktop\U\CICLO VI\EVALUACIONES\DSE1042024C02G02L\Guia6\DockerMVC\DockerMVC>
```

```
Windows PowerShell
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PS C:\Users\alexh\Desktop\U\CICLO VI\EVALUACIONES\DSE1042024C02G02L\Guia6\DockerMVC\DockerMVC> docker compose up --build
time="2024-08-27T18:22:40-06:00" level=warning msg="C:\\Users\\alexh\\Desktop\\U\\CICLO VI\\EVALUACIONES\\DSE1042024C02G02L\\Guia6\\DockerMVC\\DockerMVC\\compose.yaml: the attribute 'version' is obsolete, it will be ignored, please remove it to avoid potential confusion"
error during connect: Get "http://%2F%2F.%2Fpipe%2FdockerDesktopLinuxEngine/v1.46/containers/json?all=1&filters=%7B%22label%22%3A%7B%22com.docker.compose.config-hash%22%3Atrue%2C%22com.docker.compose.project%3Ddockermvc%22%3Atrue%7D%7D": open //.pipe/dockerDesktopLinuxEngine: The system cannot find the file specified.
PS C:\Users\alexh\Desktop\U\CICLO VI\EVALUACIONES\DSE1042024C02G02L\Guia6\DockerMVC\DockerMVC> docker compose up --build
time="2024-08-27T18:22:40-06:00" level=warning msg="C:\\Users\\alexh\\Desktop\\U\\CICLO VI\\EVALUACIONES\\DSE1042024C02G02L\\Guia6\\DockerMVC\\DockerMVC\\compose.yaml: the attribute 'version' is obsolete, it will be ignored, please remove it to avoid potential confusion"
error during connect: Get "http://%2F%2F.%2Fpipe%2FdockerDesktopLinuxEngine/v1.46/containers/json?all=1&filters=%7B%22label%22%3A%7B%22com.docker.compose.config-hash%22%3Atrue%2C%22com.docker.compose.project%3Ddockermvc%22%3Atrue%7D%7D": open //.pipe/dockerDesktopLinuxEngine: The system cannot find the file specified.
PS C:\Users\alexh\Desktop\U\CICLO VI\EVALUACIONES\DSE1042024C02G02L\Guia6\DockerMVC\DockerMVC>
```