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

PS C:\Users\regin> mkdir composetest

Directorio: C:\Users\regin

Mode                LastWriteTime         Length Name
----                -
d-----          29/08/2025   04:17 p. m.         composetest

PS C:\Users\regin> cd composetest
PS C:\Users\regin\composetest> notepad app.py
PS C:\Users\regin\composetest> cd composetest
cd : No se encuentra la ruta de acceso
'C:\Users\regin\composetest\composetest' porque no existe.
En línea: 1 Carácter: 1
+ cd composetest
~
+ CategoryInfo          : ObjectNotFound: (C:\Users\regin\composetest\
composetest:String) [Set-Location], ItemNotFoundException
+ FullyQualifiedErrorId : PathNotFound,Microsoft.PowerShell.Commands.S
etLocationCommand

PS C:\Users\regin\composetest> notepad requirements.txt
PS C:\Users\regin\composetest> notepad Dockerfile
PS C:\Users\regin\composetest> notepad compose.yaml
PS C:\Users\regin\composetest> docker compose up
empty compose file
PS C:\Users\regin\composetest> docker compose up
[+] Running 3/2
  ✔ redis Pulled                                9.4s
  ✔ 61cfb50e6ff2 Pull complete                  0.3s
  ✔ 1f79dac8d2d4 Pull complete                  0.9s
  ✔ 9880d81ff87a Pull complete                  3.3s
```

```
dir

Directorio: C:\Users\regin\composetest

Mode                LastWriteTime         Length Name
----                -
-a-----          29/08/2025   04:29 p. m.         527 app.py
-a-----          29/08/2025   04:29 p. m.         101 compose.yaml
-a-----          29/08/2025   04:29 p. m.         302 Dockerfile.txt
-a-----          29/08/2025   04:29 p. m.          12 requirements.txt

PS C:\Users\regin\composetest> ren Dockerfile.txt Dockerfile
PS C:\Users\regin\composetest> dir

Directorio: C:\Users\regin\composetest

Mode                LastWriteTime         Length Name
----                -
-a-----          29/08/2025   04:29 p. m.         527 app.py
-a-----          29/08/2025   04:29 p. m.         101 compose.yaml
-a-----          29/08/2025   04:29 p. m.         302 Dockerfile
-a-----          29/08/2025   04:29 p. m.          12 requirements.txt

PS C:\Users\regin\composetest> docker compose up
[+] Building 55.2s (17/17) FINISHED
=> [internal] load local bake definitions                                0.0s
=> => reading from stdin 508B                                           0.0s
=> [internal] load build definition from Dockerfile                     0.1s
=> => transferring dockerfile: 341B                                     0.1s
=> resolve image config for docker-image://docker.io/docker/dockerfi 2.7s
=> [auth] docker.io/dockerfile:pull token for registry-1.docker.io    0.0s
=> docker-image://docker.io/docker/dockerfile:18sha256:38387522653ef 2.5s
=> => resolve docker.io/docker/dockerfile:18sha256:38387522653efae083 0.1s
=> => sha256:fdbb657bc4fdee228c0c28080da3a4cc193ef 14.09MB / 14.09MB 2.1s
=> => extracting sha256:fdbb657bc4fdee228c0c28080da3a4cc193ef22c6637 0.3s
```

```
==> => unpacking to docker.io/library/composetest-web:latest          3.2s
==> resolving provenance for metadata file                             0.1s
[+] Running 4/4
  ✔ composetest-web                                0.0s
  ✔ Network composetest_default                    0.2s
  ✔ Container composetest-web-1                     0.7s
  ✔ Container composetest-redis-1                   0.7s
Attaching to redis-1, web-1
redis-1 | Starting Redis Server
redis-1 | 1:C 29 Aug 2025 21:33:25.024 * o00o000o000o Redis is starting o0
00o000o00o
redis-1 | 1:C 29 Aug 2025 21:33:25.024 * Redis version=8.2.1, bits=64, comm
it=00000000, modified=1, pid=1, just started
redis-1 | 1:C 29 Aug 2025 21:33:25.024 * Configuration loaded
redis-1 | 1:M 29 Aug 2025 21:33:25.026 * monotonic clock: POSIX clock_getti
me
redis-1 | 1:M 29 Aug 2025 21:33:25.032 * Running mode=standalone, port=6379
redis-1 | 1:M 29 Aug 2025 21:33:25.043 * <bf> RedisBloom version 8.2.0 (Git
=unknown)
redis-1 | 1:M 29 Aug 2025 21:33:25.043 * <bf> Registering configuration opt
ions: [
redis-1 | 0.01 }
redis-1 | 1:M 29 Aug 2025 21:33:25.043 * <bf> { bf-error-rate           :
100 }
redis-1 | 1:M 29 Aug 2025 21:33:25.043 * <bf> { bf-expansion-factor      :
2 }
redis-1 | 1:M 29 Aug 2025 21:33:25.043 * <bf> { cf-bucket-size          :
2 }
redis-1 | 1:M 29 Aug 2025 21:33:25.043 * <bf> { cf-initial-size         :
1024 }
redis-1 | 1:M 29 Aug 2025 21:33:25.043 * <bf> { cf-max-iterations       :
20 }
redis-1 | 1:M 29 Aug 2025 21:33:25.043 * <bf> { cf-expansion-factor     :
1 }
redis-1 | 1:M 29 Aug 2025 21:33:25.043 * <bf> { cf-max-expansions       :
32 }
redis-1 | 1:M 29 Aug 2025 21:33:25.043 * <bf> ]
redis-1 | 1:M 29 Aug 2025 21:33:25.048 * Module 'bf' loaded from /usr/local
/lib/redis/modules/redisbloom.so
```

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PS C:\Users\regin> cd C:\Users\regin\composetest
PS C:\Users\regin\composetest> docker compose up -d
[+] Running 2/2
  ✔ Container composetest-redis-1 R...          0.0s
  ✔ Container composetest-web-1 Run...          0.0s
PS C:\Users\regin\composetest> docker compose ps
NAME                IMAGE                COMMAND                SERVICE    C
REATED              STATUS
composetest-redis-1 redis:alpine         "docker-entrypoint.s..." redis      A
bout a minute ago  Up About a minute  6379/tcp
composetest-web-1   composetest-web      "flask run --debug"    web        A
bout a minute ago  Up About a minute  0.0.0.0:8000->5000/tcp, [::]:8000->5
000/tcp
PS C:\Users\regin\composetest> docker compose --help
Usage: docker compose [OPTIONS] COMMAND

Define and run multi-container applications with Docker

Options:
  --all-resources      Include all resources, even those not
                        used by services
  --ansi string        Control when to print ANSI control
                        characters ("never"|"always"|"auto")
                        (default "auto")
  --compatibility       Run compose in backward compatibility mod
e
  --dry-run            Execute command in dry run mode
  --env-file stringArray Specify an alternate environment file
  -f, --file stringArray Compose configuration files
  --parallel int       Control max parallelism, -1 for
                        unlimited (default -1)
  --profile stringArray Specify a profile to enable
  --progress string    Set type of progress output (auto,
                        tty, plain, json, quiet)
  --project-directory string Specify an alternate working directory
```

