ProyectoFoundry

Dirección del contrato: 0xe22eAF1A13524E4B4428428DC1E353ECA5Cb663d

Dirección de etherscan:
https://sepolia.etherscan.io/address/0xe22eAF1A13524E4B4428428DC1E353ECA5Cb663d#code

Foundry

Se refiere principalmente a un conjunto de herramientas "framework" extremadamente rápido y eficiente para desarrollar aplicaciones en la blockchain de **Ethereum**. Es el competidor principal de otras herramientas populares como Hardhat o Truffle, y ha ganado mucha tracción porque está diseñado para ser mucho más rápido y fácil de usar para quienes escriben contratos inteligentes.

https://book.getfoundry.sh/

Uso

Construir =

$ forge build

Prueba =

$ forge test

Formato =

$ forge fmt

Instantáneas De Gas =

$ forge snapshot

Yunque =

$ anvil

Desplegar =

$ forge script script/Counter.s.sol:CounterScript --rpc-url <your_rpc_url> --private-key <your_private_key>

Elenco =

$ cast <subcommand>

Ayuda =

$ forge --help

$ anvil --help

$ cast --help

Pasos on las construccion: Open Git Bash here

Terminal 1 (top-left): MINGW64:/c/Users/Personal/Desktop/mi-proyecto-foundry

```
Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$ forge build
[⠂] Compiling...
[⠊] Compiling 6 files with Solc 0.8.30
[⠒] Solc 0.8.30 finished in 1.11s
Compiler run successful!

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$ forge script script/Counter.s.sol --rpc-url http://127.0.0.1:8545 --broadcast
--private-key <TU_LLAVE>
bash: syntax error near unexpected token `newline'

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$ forge test
[⠂] Compiling...
No files changed, compilation skipped

Ran 2 tests for test/Counter.t.sol:CounterTest
[PASS] testFuzz_SetNumber(uint256) (runs: 256, μ: 27190, ~: 29289)
[PASS] test_Increment() (gas: 28783)
Suite result: ok. 2 passed; 0 failed; 0 skipped; finished in 22.98ms (14.00ms CP
U time)

Ran 1 test suite in 31.05ms (22.98ms CPU time): 2 tests passed, 0 failed, 0 skip
ped (2 total tests)

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$ ^C
Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$ forge script script/Counter.s.sol --rpc-url http://127.0.0.1:8545 --broadcast
--private-key 0xac0974bec39a17e36ba4a6b4d238ff944bacb478cbed5efcae784d7bf4f2ff80
Error: error sending request for url (http://127.0.0.1:8545/)

Context:
- Error #0: client error (Connect)
- Error #1: tcp connect error
- Error #2: No se puede establecer una conexión ya que el equipo de destino dene
gó expresamente dicha conexión. (os error 10061)

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$ ^C
Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$ Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$ forge script script/Counter.s.sol --rpc-url http://127.0.0.1:8545 --broadcast
--private-key 0xac0974bec39a17e36ba4a6b4d238ff944bacb478cbed5efcae784d7bf4f2ff80

Error: error sending request for url (http://127.0.0.1:8545/)

Context:
- Error #0: client error (Connect)
- Error #1: tcp connect error
- Error #2: No se puede establecer una conexión ya que el equipo de destino dene
gó expresamente dicha conexión. (os error 10061)

bash: syntax error near unexpected token `('
bash: $: command not found
bash: syntax error near unexpected token `('
bash: Context:: command not found
bash: -: command not found
bash: -: command not found
bash: -: command not found
bash: syntax error near unexpected token `('

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$ forge script script/Counter.s.sol --rpc-url http://127.0.0.1:8545 --broadcast
--private-key 0xac0974bec39a17e36ba4a6b4d238ff944bacb478cbed5efcae784d7bf4f2ff80
Error: error sending request for url (http://127.0.0.1:8545/)
```

Terminal 2 (top-right): MINGW64:/c/Users/Personal/Desktop/mi-proyecto-foundry

```
Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$ forge script script/Counter.s.sol --rpc-url http://127.0.0.1:8545 --broadcast
--private-key 0xac0974bec39a17e36ba4a6b4d238ff944bacb478cbed5efcae784d7bf4f2ff80
Error: error sending request for url (http://127.0.0.1:8545/)

Context:
- Error #0: client error (Connect)
- Error #1: tcp connect error
- Error #2: No se puede establecer una conexión ya que el equipo de destino dene
gó expresamente dicha conexión. (os error 10061)

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$ curl http://127.0.0.1:8545
curl: (7) Failed to connect to 127.0.0.1 port 8545 after 2032 ms: Could not conn
ect to server

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$ ^C
Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$ curl http://localhost:8545
Connection header did not include 'upgrade'
Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$ curl http://localhost:8545
Connection header did not include 'upgrade'
Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$ ^C
Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$ forge script script/Counter.s.sol --rpc-url http://127.0.0.1:8545 --broadcast
--private-key 0xac0974bec39a17e36ba4a6b4d238ff944bacb478cbed5efcae784d7bf4f2ff80
[⠂] Compiling...
No files changed, compilation skipped
Script ran successfully.

## Setting up 1 EVM.

==========================

Chain 31337

Estimated gas price: 2.000000001 gwei

Estimated total gas used for script: 203856

Estimated amount required: 0.000407712000203856 ETH

==========================

##### anvil-hardhat
✅  [Success] Hash: 0x08eeb0d3f4493b48b6ac41dcb9bab8322ad9850760f9938e27f0b8b2c8
db657
Contract Address: 0x5FbDB2315678afecb367f032d93F642f64180aa3
Block: 1
Paid: 0.000156813000156813 ETH (156813 gas * 1.000000001 gwei)

✅ Sequence #1 on anvil-hardhat | Total Paid: 0.000156813000156813 ETH (156813 g
a * avg 1.000000001 gwei)
s * avg 1.000000001 gwei)

==========================

ONCHAIN EXECUTION COMPLETE & SUCCESSFUL.

Transactions saved to: C:/Users/Personal/Desktop/mi-proyecto-foundry/broadcast/C
ounter.s.sol/31337/run-latest.json

Sensitive values saved to: C:/Users/Personal/Desktop/mi-proyecto-foundry/cache/C
```

Terminal 3 (bottom-left): MINGW64:/c/Users/Personal/Desktop/mi-proyecto-foundry

```
✅ Sequence #1 on anvil-hardhat | Total Paid: 0.000156813000156813 ETH (156813 g
a * avg 1.000000001 gwei)
s * avg 1.000000001 gwei)

==========================

ONCHAIN EXECUTION COMPLETE & SUCCESSFUL.

Transactions saved to: C:/Users/Personal/Desktop/mi-proyecto-foundry/broadcast/C
ounter.s.sol/31337/run-latest.json

Sensitive values saved to: C:/Users/Personal/Desktop/mi-proyecto-foundry/cache/C
ounter.s.sol/31337/run-latest.json

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$ ^C
Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$ cast call 0x5FbDB2315678afecb367f032d93F642f64180aa3 "number()" --rpc-url http
://127.0.0.1:8545
0x0000000000000000000000000000000000000000000000000000000000000000

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$ cast send 0x5FbDB2315678afecb367f032d93F642f64180aa3 "increment()" --rpc-url h
ttp://127.0.0.1:8545 --private-key 0xac0974bec39a17e36ba4a6b4d238ff944bacb478cbe
d5efcae784d7bf4f2ff80

blockHash               0x06b3a08763ea44c0b52c21c16b7b91ce258eef2e7f7d77507cb6f64e2
0cc7c14
blockNumber             2
contractAddress
cumulativeGasUsed       43482
effectiveGasPrice       876306776
from                    0xf39Fd6e51aad88F6F4ce6aB8827279cffFb92266
gasUsed                 43482
logs                    []
logsBloom               0x00000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000
root
status                  1 (success)
transactionHash         0x3fbfbe28a96a0d896e88256592af6f2c34292fdf9086a5d09da8ec689
0d27ef9
transactionIndex        0
type                    2
blobGasPrice            1
blobGasUsed
to                      0x5FbDB2315678afecb367f032d93F642f64180aa3

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$ forge snapshot
[⠂] Compiling...
No files changed, compilation skipped

Ran 2 tests for test/Counter.t.sol:CounterTest
[PASS] testFuzz_SetNumber(uint256) (runs: 256, μ: 27112, ~: 29289)
[PASS] test_Increment() (gas: 28783)
Suite result: ok. 2 passed; 0 failed; 0 skipped; finished in 9.09ms (8.27ms CPU
time)

Ran 1 test suite in 12.09ms (9.09ms CPU time): 2 tests passed, 0 failed, 0 skipp
ed (2 total tests)

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$ |
```

Terminal 4 (bottom-right): MINGW64:/c/Users/Personal/Desktop/mi-proyecto-foundry

```
transactionHash         0x3fbfbe28a96a0d896e88256592af6f2c34292fdf9086a5d09da8ec689
0d27ef9
transactionIndex        0
type                    2
blobGasPrice            1
blobGasUsed
to                      0x5FbDB2315678afecb367f032d93F642f64180aa3

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$ forge snapshot
[⠂] Compiling...
No files changed, compilation skipped

Ran 2 tests for test/Counter.t.sol:CounterTest
[PASS] testFuzz_SetNumber(uint256) (runs: 256, μ: 27112, ~: 29289)
[PASS] test_Increment() (gas: 28783)
Suite result: ok. 2 passed; 0 failed; 0 skipped; finished in 9.09ms (8.27ms CPU
time)

Ran 1 test suite in 12.09ms (9.09ms CPU time): 2 tests passed, 0 failed, 0 skipp
ed (2 total tests)

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$ cast call 0x5FbDB2315678afecb367f032d93F642f64180aa3 "number()" --rpc-url http://127.0.0.1:8545
0x0000000000000000000000000000000000000000000000000000000000000001

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$ cast send 0x5FbDB2315678afecb367f032d93F642f64180aa3 "increment()" --rpc-url http://127.0.0.1:8545 --private-key 0xac0974bec39a17e36
ba4a6b4d238ff944bacb478cbed5efcae784d7bf4f2ff80

blockHash               0xf00402ca3c29c39567bd299c31884751e75a77df0c478f32670036175a8ca257
blockNumber             3
contractAddress
cumulativeGasUsed       26382
effectiveGasPrice       767085959
from                    0xf39Fd6e51aad88F6F4ce6aB8827279cffFb92266
gasUsed                 26382
logs                    []
logsBloom               0x00000000000000000000000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
root
status                  1 (success)
transactionHash         0xbd92c1dfb164e9386dc487d94859d6c6ea956aba10b21b7d9ef132e4c6c4e7
transactionIndex        0
type                    2
blobGasPrice            1
blobGasUsed
to                      0x5FbDB2315678afecb367f032d93F642f64180aa3
$ ^C

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$ forge snapshot
[⠂] Compiling...
No files changed, compilation skipped

Ran 2 tests for test/Counter.t.sol:CounterTest
[PASS] testFuzz_SetNumber(uint256) (runs: 256, μ: 27112, ~: 29289)
[PASS] test_Increment() (gas: 28783)
Suite result: ok. 2 passed; 0 failed; 0 skipped; finished in 11.10ms (10.54ms CPU time)

Ran 1 test suite in 13.47ms (11.10ms CPU time): 2 tests passed, 0 failed, 0 skipped (2 total tests)

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$ ^C
Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/mi-proyecto-foundry (master)
$
```

proyectofoundry

```
MINGW64:/c/Users/Personal/Desktop/el que viy a cambiar/proyecto-foundry

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/el que viy a cambiar/proyecto-foundry
(master)
$ forge clean

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/el que viy a cambiar/proyecto-foundry
(master)
$ forge build
[⠂] Compiling...
[⠒] Unable to resolve imports:
      "../src/Counter.sol" in "C:/Users/Personal/Desktop/el que viy a cambiar/pr
oyecto-foundry/script/ProyectoFoundry.s.sol"
      "../src/Counter.sol" in "C:/Users/Personal/Desktop/el que viy a cambiar/pr
oyecto-foundry/test/ProyectoFoundry.t.sol"
with remappings:
      forge-std/=C:/Users/Personal/Desktop/el que viy a cambiar/proyecto-foundry
/lib/forge-std/src/
[⠢] Compiling 23 files with Solc 0.8.30
[⠆] Solc 0.8.30 finished in 303.10ms
Error: Compiler run failed:
Error (6275): Source "src/Counter.sol" not found: File not found. Searched the f
ollowing locations: "/Users/Personal/Desktop/el que viy a cambiar/proyecto-found
ry".
ParserError: Source "src/Counter.sol" not found: File not found. Searched the fo
llowing locations: "/Users/Personal/Desktop/el que viy a cambiar/proyecto-foundr
y".
 --> script/ProyectoFoundry.s.sol:5:1:
  |
5 |  import {Counter} from "../src/Counter.sol";
  |  ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

Error (6275): Source "src/Counter.sol" not found: File not found. Searched the f
ollowing locations: "/Users/Personal/Desktop/el que viy a cambiar/proyecto-found
ry".
ParserError: Source "src/Counter.sol" not found: File not found. Searched the fo
llowing locations: "/Users/Personal/Desktop/el que viy a cambiar/proyecto-foundr
y".
 --> test/ProyectoFoundry.t.sol:5:1:
  |
5 |  import {Counter} from "../src/Counter.sol";
  |  ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/el que viy a cambiar/proyecto-foundry
(master)
$ forge test
[⠂] Compiling...
[⠒] Unable to resolve imports:
      "../src/Counter.sol" in "C:/Users/Personal/Desktop/el que viy a cambiar/pr
oyecto-foundry/test/ProyectoFoundry.t.sol"
with remappings:
      forge-std/=C:/Users/Personal/Desktop/el que viy a cambiar/proyecto-foundry
/lib/forge-std/src/
[⠢] Compiling 21 files with Solc 0.8.30
[⠆] Solc 0.8.30 finished in 190.09ms
Error: Compiler run failed:
Error (6275): Source "src/Counter.sol" not found: File not found. Searched the f
ollowing locations: "/Users/Personal/Desktop/el que viy a cambiar/proyecto-found
ry".
ParserError: Source "src/Counter.sol" not found: File not found. Searched the fo
llowing locations: "/Users/Personal/Desktop/el que viy a cambiar/proyecto-foundr
y".
 --> test/ProyectoFoundry.t.sol:5:1:
  |
5 |  import {Counter} from "../src/Counter.sol";
  |  ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/el que viy a cambiar/proyecto-foundry
(master)
$ ^C

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/el que viy a cambiar/proyecto-foundry
```

```
MINGW64:/c/Users/Personal/Desktop/el que viy a cambiar/proyecto-foundry

[⠂] Compiling...
[⠒] Unable to resolve imports:
      "../src/Counter.sol" in "C:/Users/Personal/Desktop/el que viy a cambiar/pr
oyecto-foundry/test/ProyectoFoundry.t.sol"
with remappings:
      forge-std/=C:/Users/Personal/Desktop/el que viy a cambiar/proyecto-foundry
/lib/forge-std/src/
[⠢] Compiling 21 files with Solc 0.8.30
[⠆] Solc 0.8.30 finished in 180.65ms
Error: Compiler run failed:
Error (6275): Source "src/Counter.sol" not found: File not found. Searched the f
ollowing locations: "/Users/Personal/Desktop/el que viy a cambiar/proyecto-found
ry".
ParserError: Source "src/Counter.sol" not found: File not found. Searched the fo
llowing locations: "/Users/Personal/Desktop/el que viy a cambiar/proyecto-foundr
y".
 --> test/ProyectoFoundry.t.sol:5:1:
  |
5 |  import {Counter} from "../src/Counter.sol";
  |  ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/el que viy a cambiar/proyecto-foundry
(master)
$ ^C

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/el que viy a cambiar/proyecto-foundry
(master)
$ forge clean

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/el que viy a cambiar/proyecto-foundry
(master)
$ forge test
[⠂] Compiling...
[⠒] Compiling 21 files with Solc 0.8.30
[⠆] Solc 0.8.30 finished in 178.32ms
Error: Compiler run failed:
Error (9182): Function, variable, struct or modifier declaration expected.
 --> test/ProyectoFoundry.t.sol:12:4:
    |
12 |    contract ProyectoFoundryTest is Test {
    |    ^^^^^^^^

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/el que viy a cambiar/proyecto-foundry
(master)
$ forge clean

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/el que viy a cambiar/proyecto-foundry
(master)
$ forge test
[⠂] Compiling...
[⠒] Compiling 21 files with Solc 0.8.30
[⠆] Solc 0.8.30 finished in 266.76ms
Error: Compiler run failed:
Error (2904): Declaration "ProyectoFoundry" not found in "src/ProyectoFoundry.so
l" (referenced as "../src/ProyectoFoundry.sol").
 --> test/ProyectoFoundry.t.sol:5:1:
  |
5 |  import {ProyectoFoundry} from "../src/ProyectoFoundry.sol";
  |  ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/el que viy a cambiar/proyecto-foundry
(master)
$ ^C

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/el que viy a cambiar/proyecto-foundry
(master)
$ forge clean

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/el que viy a cambiar/proyecto-foundry
(master)
$ forge test
```

```
MINGW64:/c/Users/Personal/Desktop/el que viy a cambiar/proyecto-foundry

(master)
$ forge test
[⠂] Compiling...
[⠒] Compiling 21 files with Solc 0.8.30
[⠆] Solc 0.8.30 finished in 1.25s
Compiler run successful!

Ran 2 tests for test/ProyectoFoundry.t.sol:ProyectoFoundryTest
[PASS] testFuzz_SetNumber(uint256) (runs: 256, µ: 26879, ~: 29289)
[PASS] test_Increment() (gas: 28783)
Suite result: ok. 2 passed; 0 failed; 0 skipped; finished in 10.29ms (9.43ms CPU
time)

Ran 1 test suite in 27.18ms (10.29ms CPU time): 2 tests passed, 0 failed, 0 skip
ped (2 total tests)

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/el que viy a cambiar/proyecto-foundry
(master)
$ ^C

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/el que viy a cambiar/proyecto-foundry
(master)
$ forge script script/ProyectoFoundry.s.sol --rpc-url https://eth-sepolia.g.alch
emy.com/v2/yBuBDyxKiJM6lC9guBYzjW6EQdoPvAIQ --broadcast --private-key 91e8666e70
aac0670a686a609f6522470dc945ed629f4d734f0a8b808c9819e9 --verify --etherscan-api-
key YB4ATFQXA9X4QM9KTWPAY7G92SX8NBB1ZI --legacy -vvvv
[⠂] Compiling...
[⠒] Unable to resolve imports:
      "../src/Counter.sol" in "C:\Users\Personal\Desktop\el que viy a cambiar\pr
oyecto-foundry\script\ProyectoFoundry.s.sol"
with remappings:
      forge-std/=C:/Users/Personal/Desktop/el que viy a cambiar/proyecto-foundry
/lib/forge-std/src/
[⠢] Compiling 17 files with Solc 0.8.30
[⠆] Solc 0.8.30 finished in 175.83ms
Error: Compiler run failed:
Error (6275): Source "src/Counter.sol" not found: File not found. Searched the f
ollowing locations: "/Users/Personal/Desktop/el que viy a cambiar/proyecto-found
ry".
ParserError: Source "src/Counter.sol" not found: File not found. Searched the fo
llowing locations: "/Users/Personal/Desktop/el que viy a cambiar/proyecto-foundr
y".
 --> script/ProyectoFoundry.s.sol:5:1:
  |
5 |  import {Counter} from "../src/Counter.sol";
  |  ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/el que viy a cambiar/proyecto-foundry
(master)
$ ^C

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/el que viy a cambiar/proyecto-foundry
(master)
$ forge clean

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/el que viy a cambiar/proyecto-foundry
(master)
$ forge script script/ProyectoFoundry.s.sol --rpc-url https://eth-sepolia.g.alch
emy.com/v2/yBuBDyxKiJM6lC9guBYzjW6EQdoPvAIQ --broadcast --private-key 91e8666e70
aac0670a686a609f6522470dc945ed629f4d734f0a8b808c9819e9 --verify --etherscan-api-
key YB4ATFQXA9X4QM9KTWPAY7G92SX8NBB1ZI --legacy -vvvv
[⠂] Compiling...
[⠒] Unable to resolve imports:
      "../src/Counter.sol" in "C:\Users\Personal\Desktop\el que viy a cambiar\pr
oyecto-foundry\script\ProyectoFoundry.s.sol"
with remappings:
      forge-std/=C:/Users/Personal/Desktop/el que viy a cambiar/proyecto-foundry
/lib/forge-std/src/
[⠢] Compiling 17 files with Solc 0.8.30
[⠆] Solc 0.8.30 finished in 176.69ms
Error: Compiler run failed:
```

```
MINGW64:/c/Users/Personal/Desktop/el que viy a cambiar/proyecto-foundry

[⠆] Solc 0.8.30 finished in 176.69ms
Error: Compiler run failed:
Error (6275): Source "src/Counter.sol" not found: File not found. Searched the f
ollowing locations: "/Users/Personal/Desktop/el que viy a cambiar/proyecto-found
ry".
ParserError: Source "src/Counter.sol" not found: File not found. Searched the fo
llowing locations: "/Users/Personal/Desktop/el que viy a cambiar/proyecto-foundr
y".
 --> script/ProyectoFoundry.s.sol:5:1:
  |
5 |  import {Counter} from "../src/Counter.sol";
  |  ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/el que viy a cambiar/proyecto-foundry
(master)
$ ^C

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/el que viy a cambiar/proyecto-foundry
(master)
$ forge clean

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/el que viy a cambiar/proyecto-foundry
(master)
$ forge script
error: the following required arguments were not provided:
  <PATH>

Usage: forge.exe script <PATH> [ARGS]...

For more information, try '--help'.

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/el que viy a cambiar/proyecto-foundry
(master)
$ forge script script/ProyectoFoundry.s.sol --rpc-url https://eth-sepolia.g.alch
emy.com/v2/yBuBDyxKiJM6lC9guBYzjW6EQdoPvAIQ --broadcast --private-key 91e8666e70
aac0670a686a609f6522470dc945ed629f4d734f0a8b808c9819e9 --verify --etherscan-api-
key YB4ATFQXA9X4QM9KTWPAY7G92SX8NBB1ZI --legacy -vvvv
[⠂] Compiling...
[⠒] Compiling 17 files with Solc 0.8.30
[⠆] Solc 0.8.30 finished in 1.14s
Compiler run successful!
Traces:
  [131885] ProyectoFoundryScript::run()

#### sepolia

✅ [Success] Hash: 0x9f56b314320 6e9d0b700b9bd0910fd47148aecdc46828886bd6b323805c1a87c
Contract Address: 0xe22eAF1A13524E4B4428428DC1E353ECA5Cb663d
Block: 9894998
Paid: 0.000000156815038569 ETH (156813 gas * 0.001000013 gwei)

✅ Sequence #1 on sepolia | Total Paid: 0.000000156815038569 ETH (156813 gas * avg 0.001000013 gwei)

==========================

ONCHAIN EXECUTION COMPLETE & SUCCESSFUL.
##
Start verification for (1) contracts
Start verifying contract `0xe22eAF1A13524E4B4428428DC1E353ECA5Cb663d` deployed on sepolia
EVM version: prague
Compiler version: 0.8.30

Submitting verification for [src/ProyectoFoundry.sol:ProyectoFoundry] 0xe22eAF1A13524E4B4428428DC1E353ECA5Cb663d.
Warning: Could not detect deployment: Unable to locate ContractCode at 0xe22eaf1a13524e4b4428428dc1e353eca5cb663d; waiting 5 seconds before trying a
gain (4 tries remaining)

Submitting verification for [src/ProyectoFoundry.sol:ProyectoFoundry] 0xe22eAF1A13524E4B4428428DC1E353ECA5Cb663d.
Warning: Could not detect deployment: Unable to locate ContractCode at 0xe22eaf1a13524e4b4428428dc1e353eca5cb663d; waiting 5 seconds before trying a
gain (3 tries remaining)

Submitting verification for [src/ProyectoFoundry.sol:ProyectoFoundry] 0xe22eAF1A13524E4B4428428DC1E353ECA5Cb663d.
```

```
MINGW64:/c/Users/Personal/Desktop/el que viy a cambiar/proyecto-foundry
 (master)
$ forge script script/ProyectoFoundry.s.sol --rpc-url https://eth-sepolia.g.alch
emy.com/v2/yBuBDyxKiJM6lC9guBYzjW6EQdoPvAIQ --broadcast --private-key 91e8666e70
aac0670a686a609f6522470dc945ed629f4d734f0a8b808c9819e9 --verify --etherscan-api-
key YB4ATFQXA9X4QM9KTWPAY7G925X8NBB1ZI --legacy -vvvv
[⠂] Compiling...
[⠆] Compiling 17 files with Solc 0.8.30
[⠊] Solc 0.8.30 finished in 1.14s
Compiler run successful!
Traces:
  [131885] ProyectoFoundryScript::run()
[
##### sepolia
✅  [Success] Hash: 0x9f56b3143206e9d0b700b9bd0910fd47148aecdc46828886bd6b323805c1a87c
Contract Address: 0xe22eAF1A13524E4B4428428DC1E353ECA5Cb663d
Block: 9894998
Paid: 0.000000156815038569 ETH (156813 gas * 0.001000013 gwei)

✅  Sequence #1 on sepolia | Total Paid: 0.000000156815038569 ETH (156813 gas * avg 0.001000013 gwei)


==========================
ONCHAIN EXECUTION COMPLETE & SUCCESSFUL.
##
Start verification for (1) contracts
Start verifying contract `0xe22eAF1A13524E4B4428428DC1E353ECA5Cb663d` deployed on sepolia
EVM version: prague
Compiler version: 0.8.30

Submitting verification for [src/ProyectoFoundry.sol:ProyectoFoundry] 0xe22eAF1A13524E4B4428428DC1E353ECA5Cb663d.
Warning: Could not detect deployment: Unable to locate ContractCode at 0xe22eaf1a13524e4b4428428dc1e353eca5cb663d; waiting 5 seconds before trying a
gain (4 tries remaining)

Submitting verification for [src/ProyectoFoundry.sol:ProyectoFoundry] 0xe22eAF1A13524E4B4428428DC1E353ECA5Cb663d.
Warning: Could not detect deployment: Unable to locate ContractCode at 0xe22eaf1a13524e4b4428428dc1e353eca5cb663d; waiting 5 seconds before trying a
gain (3 tries remaining)

Submitting verification for [src/ProyectoFoundry.sol:ProyectoFoundry] 0xe22eAF1A13524E4B4428428DC1E353ECA5Cb663d.
Warning: Could not detect deployment: Unable to locate ContractCode at 0xe22eaf1a13524e4b4428428dc1e353eca5cb663d; waiting 5 seconds before trying a
gain (2 tries remaining)

Submitting verification for [src/ProyectoFoundry.sol:ProyectoFoundry] 0xe22eAF1A13524E4B4428428DC1E353ECA5Cb663d.
Submitted contract for verification:
        Response: `OK`
        GUID: `rjvttxaw8dgxk6kptpzqsqg2rh66bhk5kavwkxdzxxhfcrtbuc`
        URL: https://sepolia.etherscan.io/address/0xe22eaf1a13524e4b4428428dc1e353eca5cb663d
Contract verification status:
Response: `NOTOK`
Details: `Pending in queue`
Warning: Verification is still pending...; waiting 15 seconds before trying again (7 tries remaining)
Contract verification status:
Response: `OK`
Details: `Pass - Verified`
Contract successfully verified
All (1) contracts were verified!

Transactions saved to: C:/Users/Personal/Desktop/el que viy a cambiar/proyecto-foundry/broadcast\ProyectoFoundry.s.sol\11155111\run-latest.json

Sensitive values saved to: C:/Users/Personal/Desktop/el que viy a cambiar/proyecto-foundry/cache\ProyectoFoundry.s.sol\11155111\run-latest.json


Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/el que viy a cambiar/proyecto-foundry (master)
$ forge verify-contract 0xe22eAF1A13524E4B4428428DC1E353ECA5Cb663d src/ProyectoFoundry.sol:ProyectoFoundry --etherscan-api-key YB4ATFQXA9X4QM9KTWPAY
7G925X8NBB1ZI --rpc-url https://eth-sepolia.g.alchemy.com/v2/yBuBDyxKiJM6lC9guBYzjW6EQdoPvAIQ --chain-id 11155111
Start verifying contract `0xe22eAF1A13524E4B4428428DC1E353ECA5Cb663d` deployed on sepolia

Contract [src/ProyectoFoundry.sol:ProyectoFoundry] "0xe22eAF1A13524E4B4428428DC1E353ECA5Cb663d" is already verified. Skipping verification.

Personal@DESKTOP-RTFG6NC MINGW64 ~/Desktop/el que viy a cambiar/proyecto-foundry (master)
$ |
```

Seguridad Importante

- ✅ Este es un contrato de ejemplo para propósitos educativos.
- ✅ Solo funciona en la red de prueba Sepolia
- ✅ El propietario tiene control total sobre los fondos.
- ✘ Nunca compartas tu clave privada
- ✘ Nunca subas tu archivo .env a GitHub
- ✘ No utiliza este contrato en mainnet sin una auditoría de seguridad profesional

Buenas practices Consejo

1. **Usa .gitignore** : Asegúrate de que .env esté en tu .gitignore
2. **Variables de entorno** : Nunca codificar claves privadas en el código
3. **Pruebas** : Siempre prueba en testnet antes de mainnet
4. **Auditorías** : Para producción, siempre audita tu código
5.
6. # Material adicional de referencia

- [Contratos de OpenZeppelin](#)
- [Documentación de Foundry](#)
- [Contratos de OpenZeppelin](#)
- [Documentación de Solidity](#)

- [Tutorial de desarrollo de Ethereum](#)
- [Grifo Sepolia](#)

Licencia

Licencia MIT

Contacto

- **Desarrollador** : Miguel Mejías
- **Correo electrónico** : [javierbgsupta@gmail.com]
- **GitHub** : [@javierb369](#)

Agradecimientos

- [OpenZeppelin](#) - Inspiración en patrones de seguridad
- [Fundación Ethereum](#) - Documentación y recursos
- [Fundición](#) - Framework de desarrollo.