TP 1: Blockchain

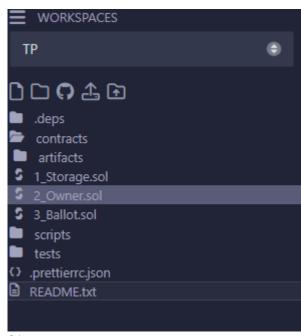
> 1/6 ▶ **Q Q** 🛱 Home X S 2_Owner.sol **≈** ≡ REMIX 🦖 □ X 🖬 🖦 🛱 Intro to the Interface BETA TESTING Remix is composed of four panels. Our community supports us. on Side Main Panel Terminal Sign up Start Coding Open File Access File System •••• MULTISIG ERC20 ERC20 ER decouverte default workspace Gnosis Safe 🗘 0x Project **Z** Ope ů Panel.

Editing code happens in tabs in the Main Panel.

The results of transactions and other actions are visible in the Terminal. < SOLIDITY SOLIDITY ANALYZERS Switching between plugins happens in the Icons Panel. Get Started

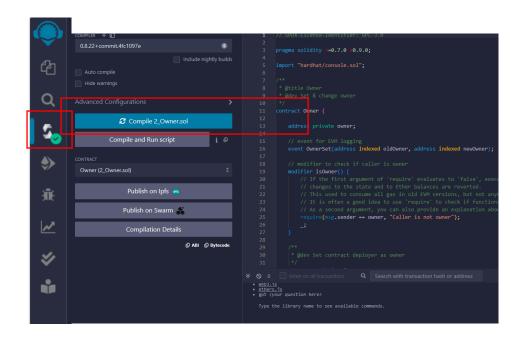
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Try clicking an icon in the Icons
 Panel to go to another plugin. Click
the Solidity Compiler icon and then
the Deploy & Run icon. Then come
back LearnEth.



Deploying with Libraries

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What happens ?: il y a de nouveaux éléments qui apparaissent ABI et Bytecode

ABI

```
[
       {
               "inputs": [],
               "stateMutability": "nonpayable",
               "type": "constructor"
       },
       {
               "anonymous": false,
               "inputs": [
                      {
                              "indexed": true,
                              "internalType": "address",
                              "name": "oldOwner",
                              "type": "address"
                      },
                              "indexed": true,
                              "internalType": "address",
                              "name": "newOwner",
                              "type": "address"
               "name": "OwnerSet",
               "type": "event"
       },
               "inputs": [
                      {
```

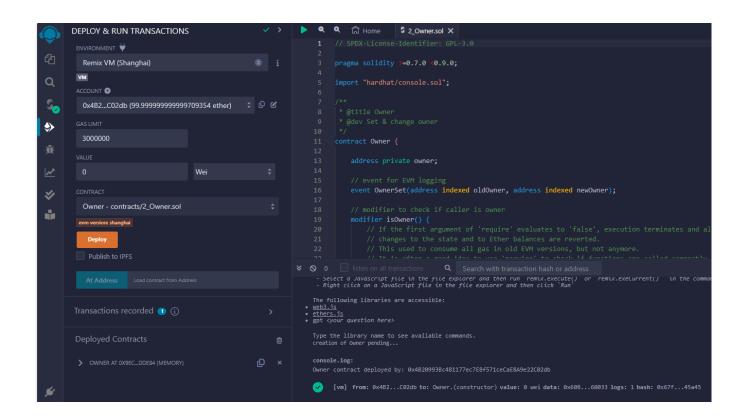
```
"internalType": "address",
                              "name": "newOwner",
                              "type": "address"
               "name": "changeOwner",
               "outputs": [],
               "stateMutability": "nonpayable",
               "type": "function"
        },
               "inputs": [],
               "name": "getOwner",
               "outputs": [
                              "internalType": "address",
                              "name": ""
                              "type": "address"
                       }
               "stateMutability": "view",
               "type": "function"
        }
]
```

Bytecode

608060405234801561000f575f80fd5b506100556040518060400160405280601b81526020017f4f776 e657220636f6e7472616374206465706c6f7965642062793a0000000008152503361011260201b602 2f1de95f02eb95f0a73560405160405180910390a3610337565b6101b0828260405160240161012892 5b6101d5816101d06101d860201b6101e1176101f760201b60201c565b60201c565b50565b5f6a636f 6e736f6c652e6c6f6790505f80835160208501845afa505050565b61020960201b61020017819050919 050565b61021161030a565b565b5f81519050919050565b5f82825260208201905092915050565b5f5 b8381101561024a57808201518184015260208101905061022f565b5f8484015250505050565b5f601 f19601f8301169050919050565b5f61026f82610213565b610279818561021d565b935061028981856 ffff82169050919050565b5f6102c68261029d565b9050919050565b6102d6816102bc565b82525050565b5f6040820190508181035f8301526102f48185610265565b905061030360208301846102cd565b 52605160045260245ffd5b610396806103445f395ff3fe608060405234801561000f575f80fd5b5060043 610610034575f3560e01c8063893d20e814610038578063a6f9dae114610056575b5f80fd5b61004061 0072565b60405161004d9190610249565b60405180910390f35b610070600480360381019061006b9

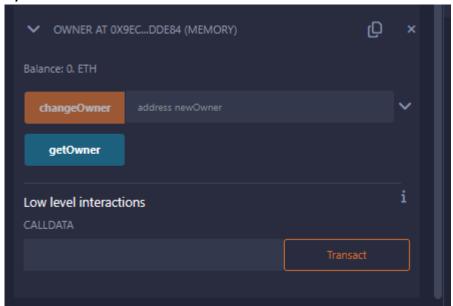
000000000000000000000000000815260040161011d90610315565b60405180910390fd5b8073ffffffff ffffffffffffffff167f342827c97908e5e2f71151c08502a66d44b6f758e3ac2f1de95f02eb95f0a735604051 38261020a565b9050919050565b61024381610229565b82525050565b5f60208201905061025c5f830 18461023a565b92915050565b5f80fd5b61026f81610229565b8114610279575f80fd5b50565b5f8135 905061028a81610266565b92915050565b5f602082840312156102a5576102a4610262565b5b5f6102 b28482850161027c565b91505092915050565b5f82825260208201905092915050565b7f43616c6c65 72206973206e6f74206f776e657200000000000000000000005f82015250565b5f6102ff6013836 102bb565b915061030a826102cb565b602082019050919050565b5f6020820190508181035f8301526 000000000000005f52605160045260245ffdfea264697066735822122087b3b3c15bdfdf0d17ce740c9 8b35ffcbba4aa2d5e0684eb1a683eeef8c0c8d864736f6c63430008160033

> 4/6

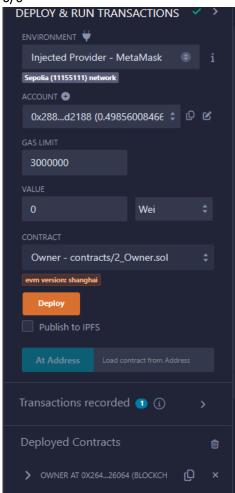


Contrat: Owner 0x9ecEA68DE55F316B702f27eE389D10C2EE0dde84

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▶ 6/6



Resultat : la transaction a été réalisée

