ECHIDNA

Installation

1. Pull docker image

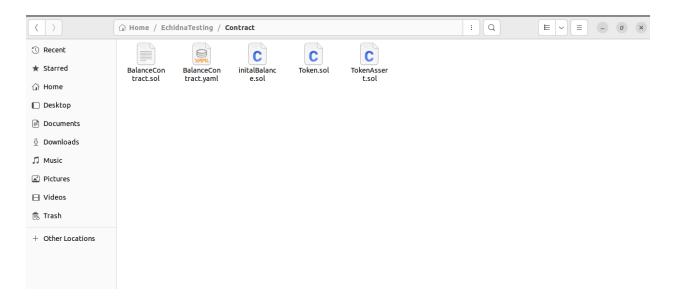
docker pull trailofbits/eth-security-toolbox

2. Run the image

```
docker run -it -v "$PWD":/home/training trailofbits/eth-security-toolbox
```

Here the contract should be present on the current working directory and the exact copy of things present in the working directory is present in /home/training folder in docker container.

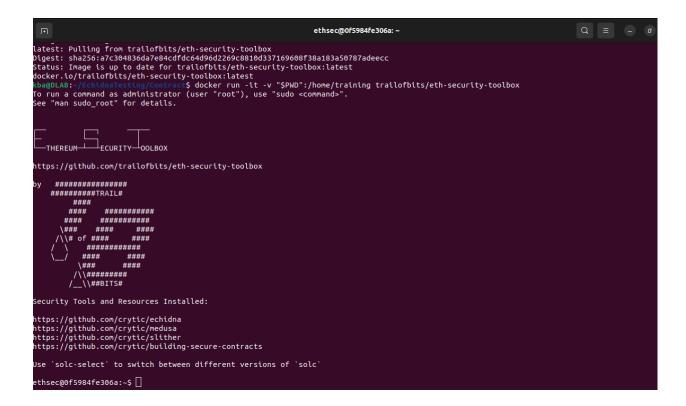
I have created a folder "EchidnaTesting" and inside the folder i created another folder called contracts.



I open the folder in a terminal. Then i pulled echidna docker image. Then i run the docker

```
Using default tag: latest
latest: Pulling from trailofbits/eth-security-toolbox
Digest: sha256:a7c304836da7e84cdfdc64d96d2269c8810d337169608f38a183a50787adeecc
Status: Image is up to date for trailofbits/eth-security-toolbox:latest
docker.io/trailofbits/eth-security-toolbox:latest
kba@DLAB:~/EchidnaTesting/Contract$ docker run -it -v "$PWD":/home/training trailofbits/eth-security-toolbox
```

Then the container started

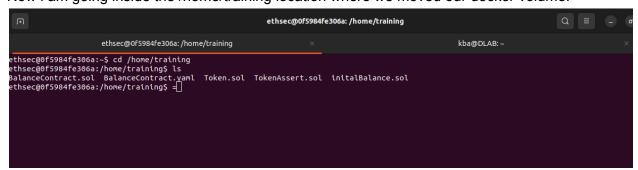


I am opening another terminal and want to run docker ps to show the running docker



Here our docker is vibrant lalande

Now i am going inside the /home/training location where we moved our docker volume.



Now you can see whatever files present inside the contracts folder is present in /home/training in Docker container.

Now i am going to test the Token.sol file with echidna using the command

echidna contract.sol echidna Token.sol

Or

echidna contract.sol –contract Test-contract-name echidna Token.sol –contract TestToken The output will be

