How to deploy contracts

Once you have successfully compiled your contracts, you need to make sure to fill out the necessary instantiation message information under theinit field in thejenesis.toml file.

ℹ jenesis deploy currently requires that each contract's directory name matches the.wasm file name under theartifacts directory**. You candeploy all the contracts inside a profile , by follwoing one of these two options:

1. You can fill thedeployer_key
2. field for each contract inside thejenesis.toml
3. file (keys can be different for each contract) and run the following command:
4. jenesis deploy [--profile profile_name]
5. Each contract inside the specified profile will be deployed with the specified key.
6. You can simply specify a certain key as an argument of the deploy command:
7. jenesis deploy key_name [--profile profile_name]
8. Thedeployer_key
9. field will be ignored in this case and all contracts inside the specified profile will be deployed using the keykey_name
10. .

After running either of the commands mentioned above, all the deployment information will be saved in thejenesis.lock file inside your project's directory and depicted as follows:

[profile.testing.my_first_contract] checksum =

"ecf640a7512be3777c72ec42aff01fdb22897b71953011af3c41ee5dbf3d3bc5" digest =

"be4a4bdfeb4ed8f504c7b7ac84e31ad3876627398a6586b49cac586633af8b85" address =

"fetch16l239ggyr4z7pvsxec0ervlyw03mn6pz62l9ss6la94cf06awv0q36cq7u" code_id =

2594

Deploy contracts depending on other deployments

You can point to other contract addresses in any contract's instantiation message if required.

For instance, if you have contractsA ,B , andC within our project, but contractA requires contract'sB deployment address in its instantiation message and contractB requires contract'sC deployment address, these will need to be deployed in the following order:C ,B ,A .

In order to provide this information toJenesis you will need to specify where exactly these contract addresses need to be inserted inside the instantiation messages. You can do this by writing the symbol followed by the contract name in the corresponding field in the init parameters:

[profile.testing.contracts.A.init] name =

"A" token_contract_address =

"B"

[profile.testing.contracts.B.init] token_name =

"my_token" liquidity_contract_address =

"C"

[profile.testing.contracts.C.init] count =

5 Finally,Jenesis will detect this information and deploy the contracts in the correct order:C ,B ,A .

Was this page helpful?

How to compile contracts Contract interaction