

1. Setting up Environment

- 1) Node.js version 14.6.0
- 2) Install hardhat framework
npm -g install hardhat
- 3) Install packages using "npm install"

2. Project File Structure

- contracts / catoshi.sol
Main solidity file for this project.
- deploy / deploy.js
Set up custom deploying names, symbol in this script.
- hardhat.config.js
hardhat framework config values.
- package.json
Describe project's dependencies and packages.

3. Deploy smart contract

- Change token name, symbol
Visit deploy / deploy.js
var name = "Catoshi"
var symbol = "CATS"
- Change owner address
You need to copy example.env file as .env file and need to put several keys



- Deploy the contract on Ethereum mainnet
 - A. Compile this project
npx hardhat compile
 - B. Deploy the contract on main net
npx hardhat run --network mainnet deploy/deploy.js

4. Verify smart contract on ether scan and receive tokens

After deploying token contract successfully, we could import custom token on wallet such as metamask.