# Uniswap\_Fork:

Fork Uniswap V2 from Ethereum mainnet, compile them and deploy it to polygon testnet.

Write test case covering all core functionalities and execute them by directly deploying them in testnet

## Prerequisites

* Connect to Polygon Testnet in Metamask and have some matic token(Get it from from https://mumbaifaucet.com/)
* Have Truffle, NodeJS , VSCode installed and configured
* Create a .secret file and copy paste the Mnemonics of Metamask in to it
* Configure the truffle-config.js to matic network

## Truffle Commands

### Compile

* Truffle compile

### Migrate

* Truffle migrate –network matic –reset

### Run Test

Testing on Polygon Network

* Truffle test D:\directory\subdirectory\uniswap\_fork\core\test\UniswapV2Pair.testnet.js
* Truffle test D:\directory\subdirectory\uniswap\_fork\core\test\UniswapV2Factory.testnet.js
* Truffle test D:\directory\subdirectory\uniswap\_fork\core\test\UniswapV2ERC20.testnet.js

\*Replace the path with the path on your system