

# Soroswap Aggregator

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The aggregator currently aggregates the pools from soroswap protocol and phoenix protocol

**For standalone development read #Development section**

## 1. Setup

### 1.1. Clone this repo

```
git clone --recurse-submodules http://github.com/soroswap/aggregator.git
```

### 1.2 In one terminal: (choose standalone, futurenet or testnet)

```
bash scripts/quickstart.sh standalone # or futurenet or testnet
```

### 1.3. In another terminal, to enter the docker container

```
bash scripts/run.sh
```

### 1.4 yarn install

```
yarn
```

after you have the enviroment setted up and inside the docker container you have to build the smart contracts with

```
cd /workspace/contracts  
make build
```

this could take a while since is building all the protocols smart contracts  
after everything is built you can now follow the following instructions

## Run Tests and Scout Audit

```
make test
```

For Scout Audits (tool created by CoinFabrik), you should enter in each of the sub projects, for example

```
cd /workspace/contracts/aggregator  
cargo scout-audit
```

## Deployment

To deploy the smart contracts you first would need to build the source with

```
yarn build
```

after the scripts are built you can run this to deploy, networks can be 'testnet', 'standalone', 'futurenet', 'mainnet'

```
yarn deploy <network>
```

when deployment is completed you can find the addresses in `./sosorban` directory

## Development

When deploying to any network other than mainnet the script will also deploy Phoenix Protocol for testing purposes

**For development in standalone you should deploy soroswap smart contracts from the soroswap submodule, to do so there is a script you can run... You will need to set the `.env` inside the submodule**

```
bash scripts/deploySoroswap.sh <network>
```