

Instruction

- I. You should install Exonum on your PC with help of this guide (<https://exonum.com/doc/get-started/install/>) and don't forget to install protocol buffers (<https://github.com/protocolbuffers/protobuf/releases/tag/v3.6.1>)
Check that it works with command

```
>>> cargo test --manifest-path exonum/Cargo.toml
```
- II. After that
 - i. Move our directory(my2) to the next path exonum/examples/
 - ii. Move directory with Shamir library here (exonum/)
 - iii. add next members of workspace Cargo.toml in directory *exonum*:
 - a) *"shamir"*
 - b) *"examples/my2"*
- III. Go to our directory (*/exonum/examples/my2*) in terminal and start

```
>>> cargo built
```
- IV. Start single node for blockchain

```
>>> cargo run
```
- V. Now go to examples in our directory (*/exonum/examples/my2/examples*) and you can try
 - i. to create users with next response:

```
>>> curl -H "Content-Type: application/json" -X POST -d @create-user-1.json http://127.0.0.1:8000/api/explorer/v1/transactions 2>/dev/null
```
 - ii. make change_document_tx

```
>>> curl -H "Content-Type: application/json" -X POST -d @change_doc.json http://127.0.0.1:8000/api/explorer/v1/transactions 2>/dev/null
```
 - iii. make valid_tx

```
>>> curl -H "Content-Type: application/json" -X POST -d @valid_tx.json http://127.0.0.1:8000/api/explorer/v1/transactions 2>/dev/null
```

We faced with problem that developers change format of .json files for tx that's why change_document_tx, and valid_tx work incorrect =(((

(If you want to make few nodes then launch nodes on different addresses.)

If you have any questions about the launch please contact andrey.v.vlasov@phystech.edu
(+7-977-409-16-15)