How to verify that the VirtualBox image has been downloaded and configured correctly?

1) After downloading both the .vdi and .vbox files from the cloud storage, add the .vdi file to the list of drives in VirtualBox:
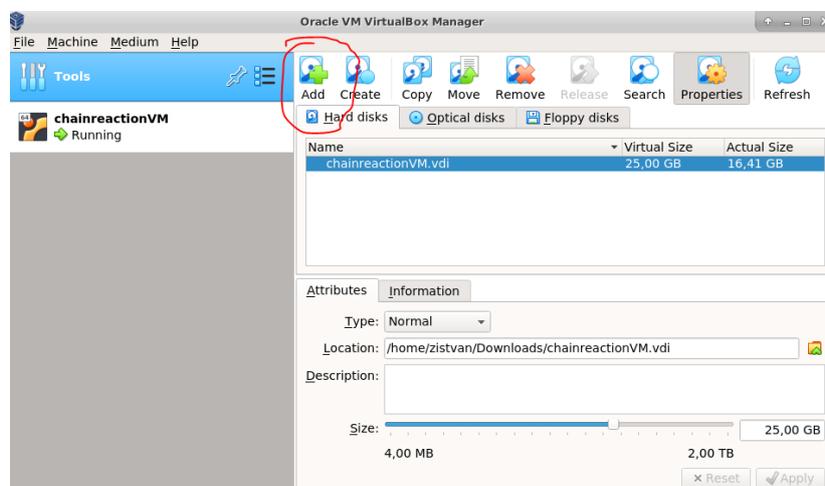
Then, by using Machine/Add, add the .vbox file so that a new virtual machine is created using the disk above.

2) Start the virtual machine and log in into the VM, then start a terminal.

3) Clone the first tutorial repository into the VM home:

```
cd /home/vmuser/
git clone https://gitlab.software.imdea.org/zistvan-events/fabric-example-
supplychain
```

4) In the tutorial folder, run `./startFabric.sh` . This will start up Fabric and install smart contracts, etc., in the background and exit when everything has been started. This can take up to 5-10 minutes on the first run!

Once finished, you should see something similar to:

5) In the tutorial folder, run `./runWebApp.sh` . This will launch a web server that connects to the blockchain. Do not run this command in the background (&) because it will have to be stopped manually before we tear down the blockchain instance. Once started it will output:

```
vmuser@vmachine:~/fabric-example-supplychain$ ./runWebApp.sh
 * Serving Flask app "client.py"
 * Environment: production
   WARNING: This is a development server. Do not use it in a production deployment.
   Use a production WSGI server instead.
 * Debug mode: off
CWD: /home/vmuser/fabric-example-supplychain/supplychain
 * Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```

6) Open Firefox and navigate to the address and port provided in the script output. You should see:
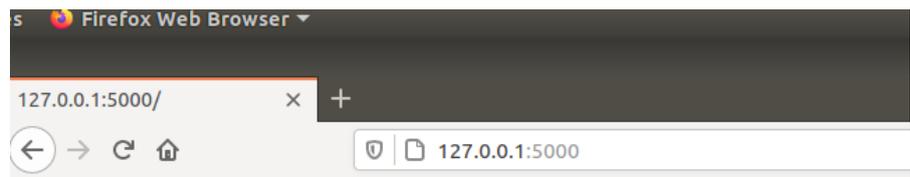
Click on Farmer and if you see the following screen, the VM is correct and you shall have no issues following the tutorial!
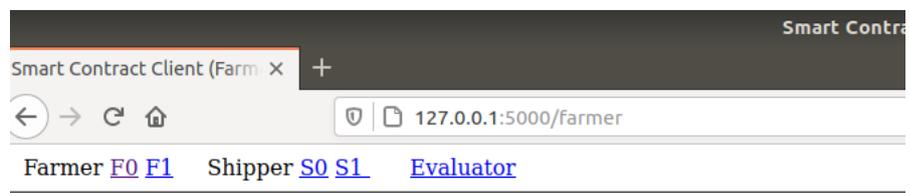
IMPORTANT LAST STEP

7) Once you are done, stop the web server (CTRL+C in the terminal window) and execute `./tearDownAll.sh` . This will stop Fabric and clean up docker images, etc. It can take several minutes to finish and it is important to run it *before* starting the blockchain again.