Nucypher setup steps

git clone https://github.com/nucypher/nucypher.git # clone NuCypher repository cd nucypher git checkout federated # We need a federated branch which isn't using blockchain pipenv install --dev --three --skip-lock pipenv shell pip3 install -e . # ok, now you have nucypher installed in virtual environment # prepare to run several nodes locally cd examples mkdir examples-runtime-cruft # run the following in several terminals python3 run\_ursula\_with\_rest\_and\_dht\_but\_no\_mining.py 3500 # <- seed node python3 run\_ursula\_with\_rest\_and\_dht\_but\_no\_mining.py 3501 3500 python3 run\_ursula\_with\_rest\_and\_dht\_but\_no\_mining.py 3502 3500 # now get some text to re-encrypt and run the demo wget https://www.gutenberg.org/files/2701/old/moby10b.txt python3 finnegans-wake-federated.py moby10b.txt 3501

Reference - <https://github.com/nucypher/ethindia-2018>

Demonstration - https://www.youtube.com/watch?v=0-AiUsoNZNQ&feature=youtu.be