A great environment setup will enable you to run all my demo today.

When you run into some errors, see ERROR at the bottom of this page.

Instructions:

clone my Github Repository:

$ git clone<https://github.com/taoluwork/gitLab.git>

run ganache-cli:

$ ganache-cli --networkid 512

(this networkid is needed, it identified our specific testnet)

keep ganache running , in another terminal, deploy the smart contract:

*$ cd gitLab/bcai\_v0.9/*

$ truffle migrate --reset

(you would see 2 deployment)

Do unit test:

$ truffle test ./test/artTest.js

( you will see no error)

Try the .js script:

$ cd test

$ node client.js --user

$ node showStatus.js

Try the react Front-end

$ cd gitLab/bcai\_v2.0

$ truffle migrate --reset

$ cd client

$ npm start

ERROR: there could be some dependency issue due to the difference between each device local settings. The npm tool is supposed to deal with this. All the dependency and relied packages should be listed a file named : package.json or package-lock.json. And when you run “npm install”, it should install all the packages for you in a local “module” folder.

If you have dependency issue run this demo, remove the module folder anywhere you see it and try npm install in that folder. (e.g. npm install in **bcai\_v0.9** and **bcai\_1.9**, but **bcai\_2.0/client** for react)