1. Install Node.js. version == v8.15.1 (<https://websiteforstudents.com/install-the-latest-node-js-and-nmp-packages-on-ubuntu-16-04-18-04-lts/>)

curl -sL https://deb.nodesource.com/setup\_8.x | sudo bash -

sudo apt install nodejs

1. Ubuntu 16 11.4.0
2. Install packages via npm (NodeJS Packages Management).

Dictionary: musite

删掉node\_modules

Command: npm install

有时会需要npm audit fix

Dictionary: musite/web

删掉node\_modules

Command: npm install

每次删掉node\_modules 系统会自动生成一个 之后每次都要改这些。

1. Enable CSS Modules (Or you can only see plain HTML without CSS).

Dictionary: musite\web\node\_modules\react-scripts\config\webpack.config.dev.js

Find these lines:

{

loader: require.resolve('css-loader'),

options: {

importLoaders: 1,

},

},

Change to:

{

loader: require.resolve('css-loader'),

options: {

importLoaders: 1,

modules: true,

localIdentName: "[name]\_\_[local]\_\_\_[hash:base64:5]"

},

},

Dictionary: musite\web\node\_modules\react-scripts\config\webpack.config.prod.js

Find these lines:

{

loader: require.resolve('css-loader'),

options: {

importLoaders: 1,

minimize: true,

sourceMap: true,

},

},

Change to:

{

loader: require.resolve('css-loader'),

options: {

importLoaders: 1,

modules: true,

minimize: true,

sourceMap: true,

},

},

1. Go to musite/web/package.json  
   Change proxy to <http://127.0.0.1:5000> or server’s IP

http://18.223.55.81:5000

1. Open two terminals

First one (start node.js):

Dictionary: musite

Command: node app.js

Another one (start react):

Dictionary: musite/web

Command: npm start

1. Go to localhost:3000

musite/web/public/index.html需要删掉一行

the line contain: ‘bundle.js’

keras:

<https://www.pyimagesearch.com/2016/07/18/installing-keras-for-deep-learning/>

keras 2.1.5

tensorflow 1.11.0

pip install numpy scipy && pip install scikit-learn && pip install pillow && pip install h5py

pip install pandas

added files:  
~/musite/views/display3d.html

~/musite/controllers/display3d.js

Modified files:

~/musite/web/src/components/super/output/output.js