

IPOP Visualizer Running Guild line

1. Download IPOP Visualizer from Git Repository and you will see files like figure 1.

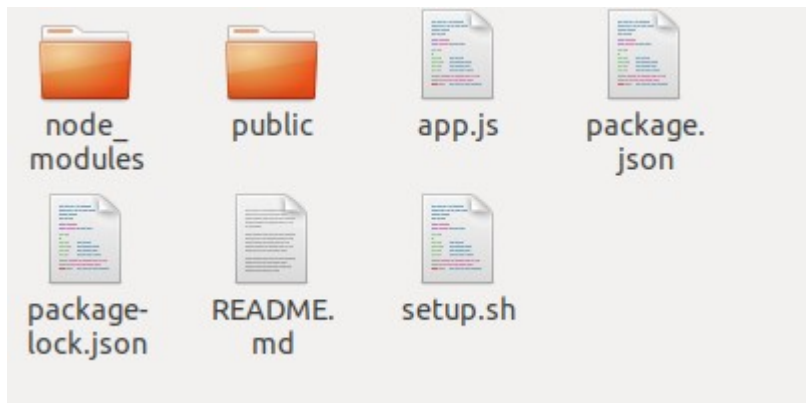


Figure 1 Files in IPOP Visualizer

2. Running IPOP Visualizer

If you never have Node.js in your system before, please install.

Run the command below to install nodejs (Command for Ubuntu)

```
sudo apt update  
sudo apt install nodejs
```

If you already have Node.js in your system, You can just run app.js by the command below

```
node app.js
```

the result after run the command is going to be like figure 2

```
oat@Neo_Amelia:~/UF_PROJECT/ipop$ node app.js  
*****  
IPOP Visualizer starts at port: 3000  
To stop the IPOP Visualizer just enter ctrl + c  
*****
```

Figure 2 Result after run app.js

Default port of IPOP Visualizer will be 3000. You can access to IPOP Visualizer by enter <http://localhost:3000> on your browser (red square in figure 3).

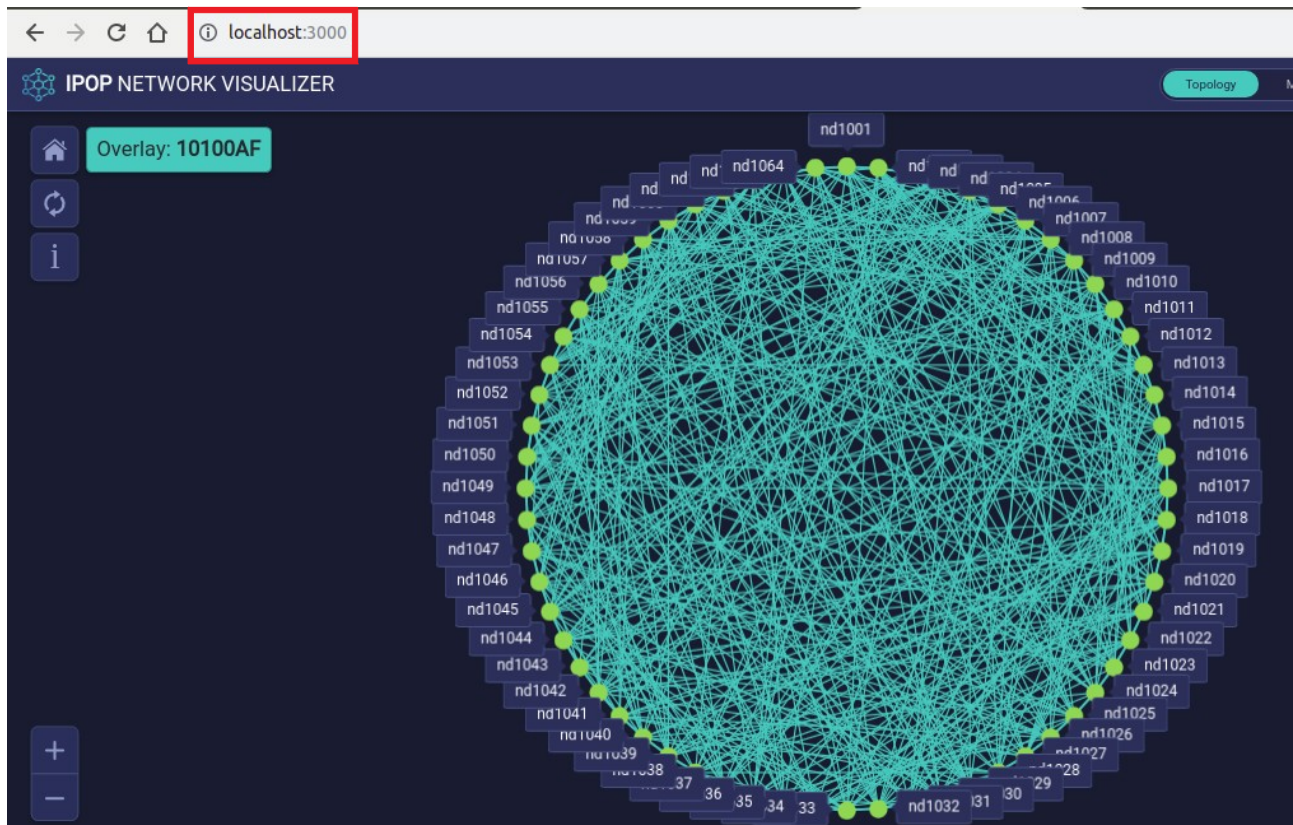


Figure 3 IPOP Visualizer on port 3000

You can change port by edit line 10 in app.js file and run `node app.js` (figure 4) again

```
1  const express = require('express');
2  const parser = require('body-parser');
3  const path = require('path');
4  const app = express();
5
6  app.use(parser.urlencoded({extended:false}));
7  app.use(parser.json());
8  app.use('/static', express.static(path.join(__dirname, 'public')));
9  app.use('/min', express.static(path.join(__dirname, 'node_modules')));
10 var port = 3000;
```

Figure 4 First 10 line of app.js