User's manual | cs601_lol_muti-chat (app.js + index.html)

/*Install **NodeJS** first, there is a tutorial below*/

How to run socket.io in local host?

Step1.

Open your terminals(run as Administrator), then point to the "app.js" Ex: cd .\cs601 lol muti-chat\workspace



Step2.

Enter command: node app.js

Then you will see that "Chat server listening at 0.0.0.0:3000", and it means server is running successfully.

```
Administrator: C:\Windows\system32\cmd.exe - node app.js

Microsoft Windows [Version 6.1.7601]
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C:\Users\Ted Tseng\cd Desktop

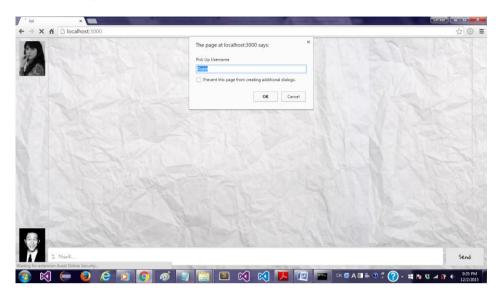
C:\Users\Ted Tseng\Desktop\cd cs601_final_Lin-Kei Tseng\cs601_lol__muti-chat\workspace

C:\Users\Ted Tseng\Desktop\cs601_final_Lin-Kei Tseng\cs601_lol__muti-chat\workspace\node app.js

Chat server listening at 0.0.0.3000
```

Step3.

Then opening your 2 browsers to enter url: "http://localhost:3000/",then enter your name.



The server will show who is online.(logged/left)

```
Administrator: C:\Windows\system32\cmd.exe - node app.js

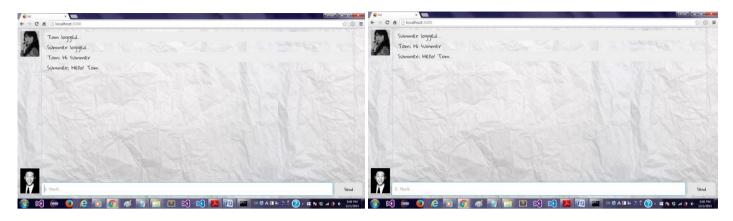
Microsoft Windows [Version 6.1.7601]
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C:\Users\Ted Tseng\Desktop
C:\Users\Ted Tseng\Desktop\cd cs601_final_Lin-Kei Tseng\cs601_lol__muti-chat\workspace

C:\Users\Ted Tseng\Desktop\cs601_final_Lin-Kei Tseng\cs601_lol__muti-chat\workspace\node app.js
Chat server listening at 0.0.0:3000
New user:Tom logged.
New user:Summer logged.
Tom:??
Summer:hi
Summer:hi
Summer:
```

Step4.

Enter your user name EX: Tom and Summer, then you can chat with yourself.



If you could not run node.js file, please install NodeJS on your cmd.exe(terminals)

Installation: (http://nodeguide.com/beginner.html)

```
$ wget http://nodejs.org/dist/node-v0.4.4.tar.gz
$ tar -xzf node-v0.4.4.tar.gz
$ cd node-v0.4.4.tar.gz
$ ./configure
$ sudo make install
```

Download link for Windows (x64): https://nodejs.org/en/

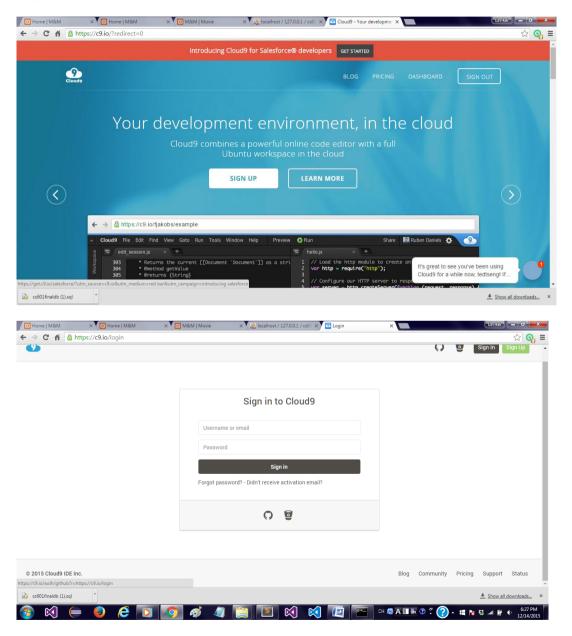
Online version: LOL chat room-Link

http://lol-tedtseng.c9users.io:8080/

step1.

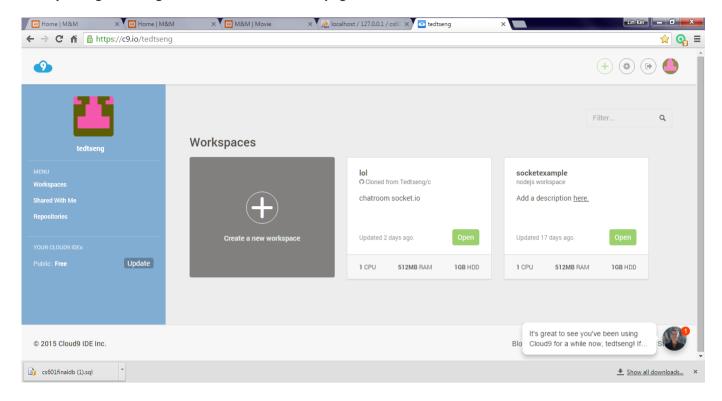
Register Cloud9 website, sign in with your Github account

https://c9.io/?redirect=0

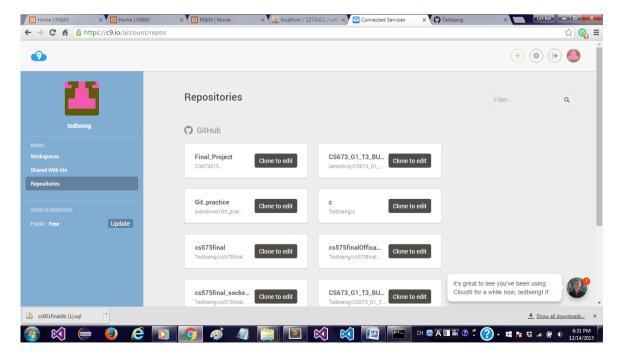


step2.

after your signin with github account will see this page



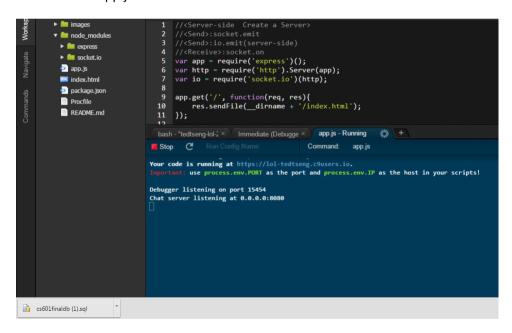
upload my folder "cs601_lol__muti-chat" into your Github, and go to "**Repositories**" to choose the file you want to "**clone to edit**" for example: if I choose "Final_Project", it will create a online IDE space for you to coding.



Now I can edit code in this IDE

```
| Max | Home | Max | X | Home | Max | X | Max | Max | Max | Movie | X 
                 → C A https://ide.c9.io/tedtseng/lol
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               Cloud9 File Edit Find View Goto Run Tools Window Support Preview D Run
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                                  ▼ 🛅 node_modules
                                      ▶ 🛅 socket.io
                                      app.is
                                        package.json
                                       Procfile
                                       README.md
                                                                                                                                                         //<Read>Add New User|socket.on to tell server someone join chat room
socket.on('add user',function(msg){
    socket.username = msg;
    console.log("New user:" + msg + " logged.");
    io.emit('add user',{username: socket.username});//<send>io.emit sends message to other users
                                                                                                                                                          //<Read>Create a server monitor, to catch every message socket.on('chat message', function(msg){}
                                                                                                                                                                                                                                                                                                                                                                                                                                                            It's great to see you've been using
                                                                                                                           bash - "tedtseng-lol-2 × Immediate (Debugge × +
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Cloud9 for a while now, tedtseng! If
                                                                                                                     tedtseng:~/workspace (master) $
    cs601finaldb (1).sql
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ♣ Show all downloads...
```

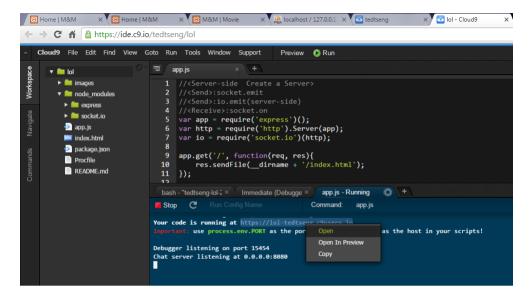
click "Run" in app.js



you cam see "Your code is running at https://lol-tedtseng.c9users.io."

And then, click "https://lol-tedtseng.c9users.io." on the below window, it will pop out "open".

Press "Open", it will open the application you build in new tab. the chat Room is working



Enter the user name, login and begin chat with other users.

