

Chat Application using NODE.js/HTML/CSS

SETUP:

- 1) Install node.js from <https://nodejs.org/en/>
- 2) We also need to install websocket run command: “ *npm install websocket* ”
- 3) You will need to have npm (Node Package Manager) installed
- 4) Run server using command : “ *node server.js* ”
- 5) Open *frontend.html*, type your name, create group using “create” button or by sending “*create <GroupName>*” message
- 6) You can join existing groups using “join” button or by sending message “*join <GroupName>*” message
- 7) You cannot start chatting without creating a group and you cannot create group before setting your name

Screenshots:

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node-chat
Microsoft Windows [Version 10.0.10586]
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C:\Users\ADDB>cd Desktop

C:\Users\ADDB\Desktop>node server.js
Thu Jun 02 2016 13:23:48 GMT-0700 (Pacific Daylight Time) Server is listening on port 1337
Thu Jun 02 2016 13:23:51 GMT-0700 (Pacific Daylight Time) Connection from origin file://.
Thu Jun 02 2016 13:23:51 GMT-0700 (Pacific Daylight Time) Connection accepted.
Thu Jun 02 2016 13:23:52 GMT-0700 (Pacific Daylight Time) Connection from origin file://.
Thu Jun 02 2016 13:23:52 GMT-0700 (Pacific Daylight Time) Connection accepted.
Thu Jun 02 2016 13:23:54 GMT-0700 (Pacific Daylight Time) Connection from origin file://.
Thu Jun 02 2016 13:23:54 GMT-0700 (Pacific Daylight Time) Connection accepted.
Thu Jun 02 2016 13:34:30 GMT-0700 (Pacific Daylight Time) User is known as: Arjun with green color.
Thu Jun 02 2016 13:34:34 GMT-0700 (Pacific Daylight Time)Error 100 Sent: Please create a room to chat first
Thu Jun 02 2016 13:34:42 GMT-0700 (Pacific Daylight Time)Create group command received! name: g1
Thu Jun 02 2016 13:34:42 GMT-0700 (Pacific Daylight Time) "g1" group created
you are here whats the value of parsedMes[0] create !!!!!!!!!!!!!!!!!!!!!!!
Thu Jun 02 2016 13:34:49 GMT-0700 (Pacific Daylight Time)Create group command received! name: g2
Thu Jun 02 2016 13:34:49 GMT-0700 (Pacific Daylight Time) "g2" group created
sent to: g2 client: [object Object]
sent to: g2 client: [object Object]
sent to: g2 client: [object Object]
group name is: g2!
you are here whats the value of parsedMes[0] hi !!!!!!!!!!!!!!!!!!!!!!!
Thu Jun 02 2016 13:35:05 GMT-0700 (Pacific Daylight Time) Received Message from Arjun: hi hello
logged history of group: g2
sent to: g2 client: [object Object]
sent to: g2 client: [object Object]
sent to: g2 client: [object Object]
Thu Jun 02 2016 13:35:22 GMT-0700 (Pacific Daylight Time) User is known as: 2 with purple color.
Thu Jun 02 2016 13:35:29 GMT-0700 (Pacific Daylight Time)join group request received! Groupname: g2
group found!
Thu Jun 02 2016 13:35:29 GMT-0700 (Pacific Daylight Time) "g2" group joined
sent history to all participants of group: g2
Thu Jun 02 2016 13:35:29 GMT-0700 (Pacific Daylight Time) "g2" history of this group sent
group name is: g2!
you are here whats the value of parsedMes[0] hi !!!!!!!!!!!!!!!!!!!!!!!
Thu Jun 02 2016 13:35:33 GMT-0700 (Pacific Daylight Time) Received Message from 2: hi
logged history of group: g2
```

Choose name:

Enter your message here

asd

Please Enter your name first!

Arjun:

Error 100: Please create a room to chat first!

Group1

User 3@ 22:41: hellooooo

User 2@ 22:40: Hi

User 1@ 22:39: Wassup

User 1@ 22:39: Hello Group 1

User 1:

Group1 ● Group2

User 3@ 22:41: hellooooo

User 2@ 22:40: Hi

User 1@ 22:39: Wassup

User 1@ 22:39: Hello Group 1

User 2:

Enter your message here

Enter the group name here

Create Group

Join Group

User 2@ 22:43: Hi User 3! How are you?

User 3@ 22:43: Welcome to group 2

User 3: