

3780 Networking Project

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Lukas Grasse and Tyler Churchill

About

This client-server model allows for messages to be sent between clients using multiple servers. The server implements the flooding routing algorithm. Each server can communicate with server ± 1 in the networks topology.

How to install/run

1. Install Node [Linux](#) [Mac/Windows](#)
2. Install project dependencies

(while inside your project directory)

```
npm install
```

Running the server

(while inside your project directory)

```
npm server.js 1
```

Where 1 is the first server (replace with 2, 3, 4, 5 depending on the server you want to create)

You can also set the host address. eg:

```
npm server.js 127.0.0.1 1
```

Running the client

(while inside your project directory)

```
npm client.js 1
```

Where 1 is the server number the client will connect to (replace with 2, 3, 4, 5 depending on the server you want to connect to)

friendId: the id of the client you wish to communicate with id: your id.

You can also set the host address. eg:

```
npm client.js 127.0.0.1 1
```