

Description: This project is about...

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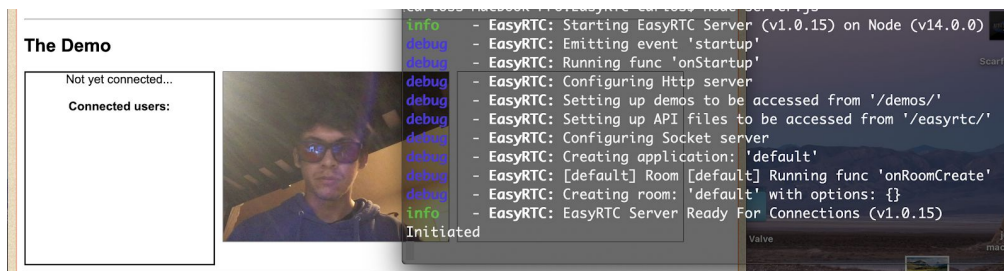
Course: CS591 (Q1)

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1. About the project:

By doing a Real Time Communication (RTC) web application we save local memory over native applications and avoid installing add-ons but still getting quality of service. **As long as the device runs a web browser you would be able to access right the way.**



Built With:

- Node .js modules (EasyRTC product).

2. Getting Started::

Prerequisites:

- WebCam and microphone for testing.
- WebBrowser
- Install Node.js [<https://nodejs.org/en/>]
-



Download for Windows (x64)

12.16.2 LTS

Recommended For Most Users

14.0.0 Current

Latest Features

[Other Downloads](#) | [Changelog](#) | [API Docs](#)

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Installation:

- Clone the repo

```
git clone https://github.com/CarlosFlo123/WebAppRTC.git  
webRTC
```

- Once in `\webRTC\`

```
npm init
```

```
npm install
```

- Inside `webRTC\node_modules\`

```
npm install
```

- Back at `\webRTC\`

```
node server.js
```

- Now in the browser we go for `[https://localhost:8080]`

You have installed EasyRTC!

This is your server's Web Root

This is the easiest location to put your own static html files for developing WebRTC applications.

In the meantime we'll forward you to [the EasyRTC Demo page...](#)



- f. Once in the Demo page we select the service that we would like to use.

EasyRTC Landing Page

Congratulations! With EasyRTC installed you are on the road to creating your own WebRTC enabled applications.

The easiest way to run these demos to create two browser windows and open an instance of a particular demo in each window. Please make sure that Skype or other programs aren't using your webcam before starting the video chat demos.

Local EasyRTC Demos

These are the easy very basic demos.

Demo							
Instant Messaging	✓	✓	✓	✓	✓	✓	✓
Data Channel Messaging	✓	✓	✓	✓	✓	✓	✗
Simple Video+Audio	✓	✓	✓	✓	✓	✓	✗
Multiparty Chatroom	✓	✓	✓	✓	✓	✓	✗

More technical demos that illustrate particular capabilities.

Demo							
Instant Messaging + Rooms	✓	✓	✓	✓	✓	✓	✓
User Supplied Socket.io	✓	✓	✓	✓	✓	✓	✓
Video+Audio HD 720p	✓	✓	✗	✗	✗	✓	✗
Video Only	✓	✓	✓	✓	✓	✓	✗
Audio Only	✓	✓	✓	✓	✓	✓	✗
Video+Audio	✓	✓	✓	✓	✓	✓	✗
Multistream calls	✓	✓	✗	✗	✗	✓	✗
Desktop capture with iframe	✓	✓	✗	✗	✗	✗	✗

Activate Windows
Go to Settings to activate Windows.

3. Usage:

- Video and/or Audio connections
- Multi-party video chat
- Text Messaging with or without Data Channels
- Screen and tab sharing
- File transfer
- Client side video recording

4. Amazon Web Services:

<https://github.com/othneildrew/Best-README-Template>