
RTSPtoWebRTC

RTSP Stream to WebBrowser over WebRTC based on Pion (full native! not using ffmpeg or gstreamer).

Note: RTSPtoWeb is an improved service that provides the same functionality, an improved API, and supports even more protocols. *RTSPtoWeb is recommended over using this service.*

if you need RTSPtoWSMP4f use <https://github.com/deepch/RTSPtoWSMP4f>



Download Source

1. Download source

```
1 $ git clone https://github.com/deepch/RTSPtoWebRTC
```

2. CD to Directory

```
1 $ cd RTSPtoWebRTC/
```

3. Test Run

```
1 $ GO111MODULE=on go run *.go
```

4. Open Browser `bash open web browser http://127.0.0.1:8083` work chrome, safari, firefox

Configuration

Edit file config.json

format:

```
1 {
2   "server": {
3     "http_port": ":8083"
4   },
5   "streams": {
6     "demo1": {
7       "on_demand" : false,
8       "url": "rtsp://170.93.143.139/rtplive/470011
          e600ef003a004ee33696235daa"
9     },
10    "demo2": {
11      "on_demand" : true,
12      "url": "rtsp://admin:admin123@10.128.18.224/mpeg4"
13    },
14    "demo3": {
15      "on_demand" : false,
16      "url": "rtsp://170.93.143.139/rtplive/470011
          e600ef003a004ee33696235daa"
17    }
18  }
19 }
```

Livestreams

Use option `"on_demand": false` otherwise you will get choppy jerky streams and performance issues when multiple clients connect.

Limitations

Video Codecs Supported: H264

Audio Codecs Supported: pcm alaw and pcm mulaw

Team

Deepch - <https://github.com/deepch> streaming developer

Dmitry - <https://github.com/vdalex25> web developer

Now test work on (chrome, safari, firefox) no MAC OS

Other Example

Examples of working with video on golang

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- RTSPtoWeb
 - RTSPtoWebRTC
 - RTSPtoWSMP4f
 - RTSPtoImage
 - RTSPtoHLS
 - RTSPtoHLSLL



- You can make one-time donations via PayPal. I'll probably buy a coffee tea. :tea: