

STREAMING

«class»

port: int
title: String
hostUser: int
public: Boolean
reqs: Requirement[]
timeCreated: Time
viewers: Dest[]

- buffer: Buffer

- connection: RTCPeerConnection

- channel: RTCDataChannel

+ addViewer(v: Dest): void + addReq(r: Requirement): void

+ send(d: IData): void + startTransmission(): void

- The Requirements could be: "to be registered in X class", "to be teaching at least one course", etc. There is no need for requirements if the streaming is public.

- The video transmission is sent directly to the viewers. It does not go through the server.

VIEWER

«class»

hostPort: intconnected: boolhostAddr: String

– connection: RTCPeerConnection

- channel: RTCDataChannel

+ connect(): bool + startVideo(): void + stopVideo(): void + disconnect(): bool