

Recording a Jitsi Meet conference



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Institution

Department

Name

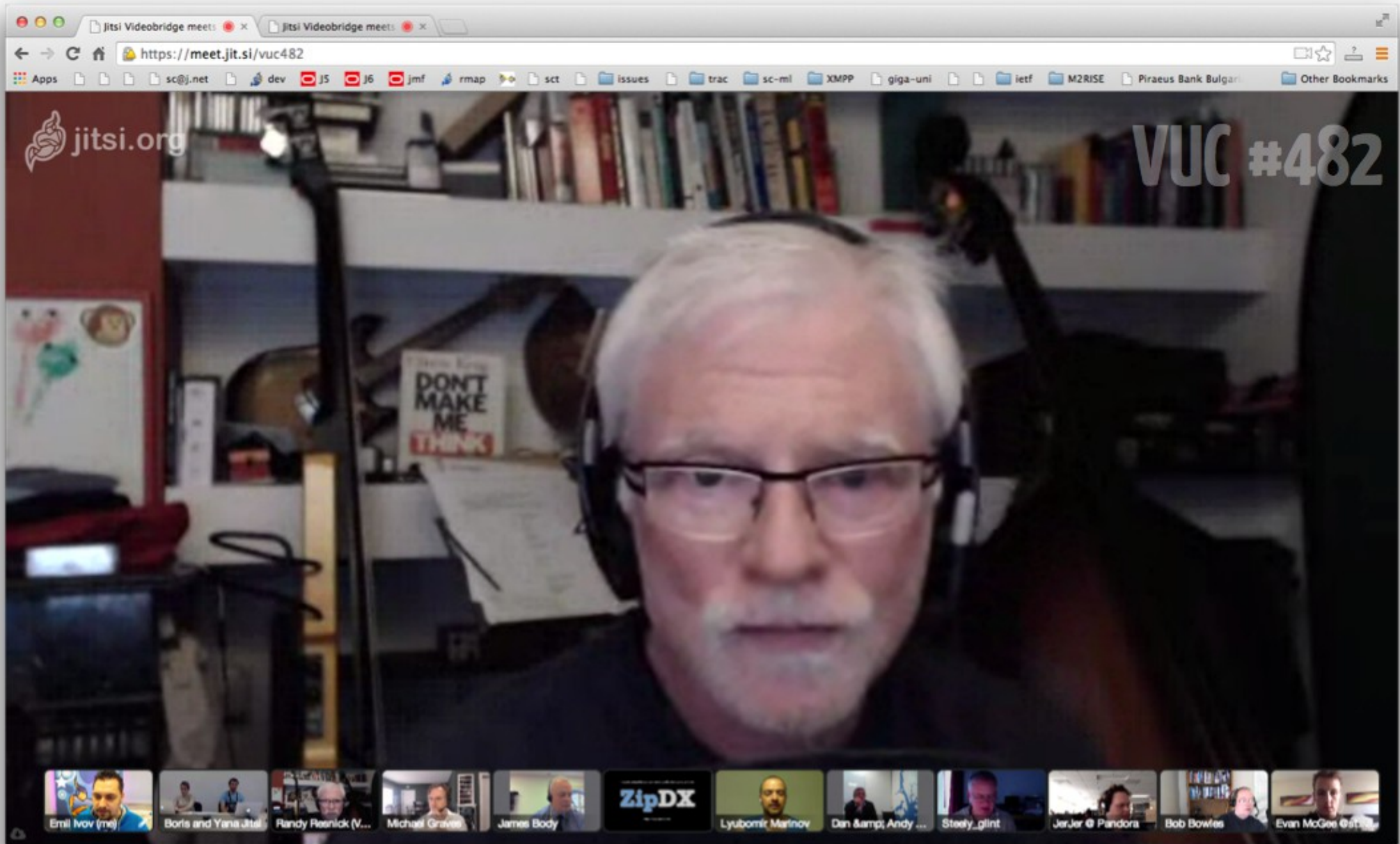
Date

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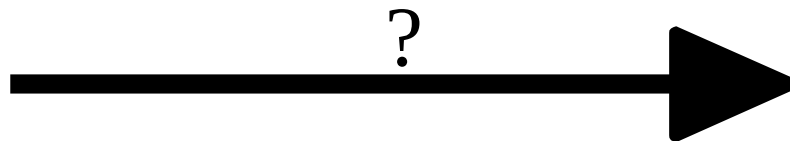
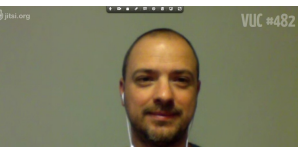
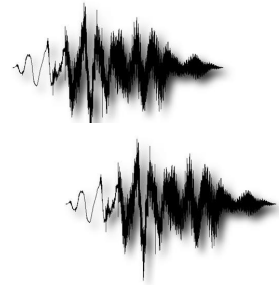
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Something about BJ

1.2 Jitsi Meet



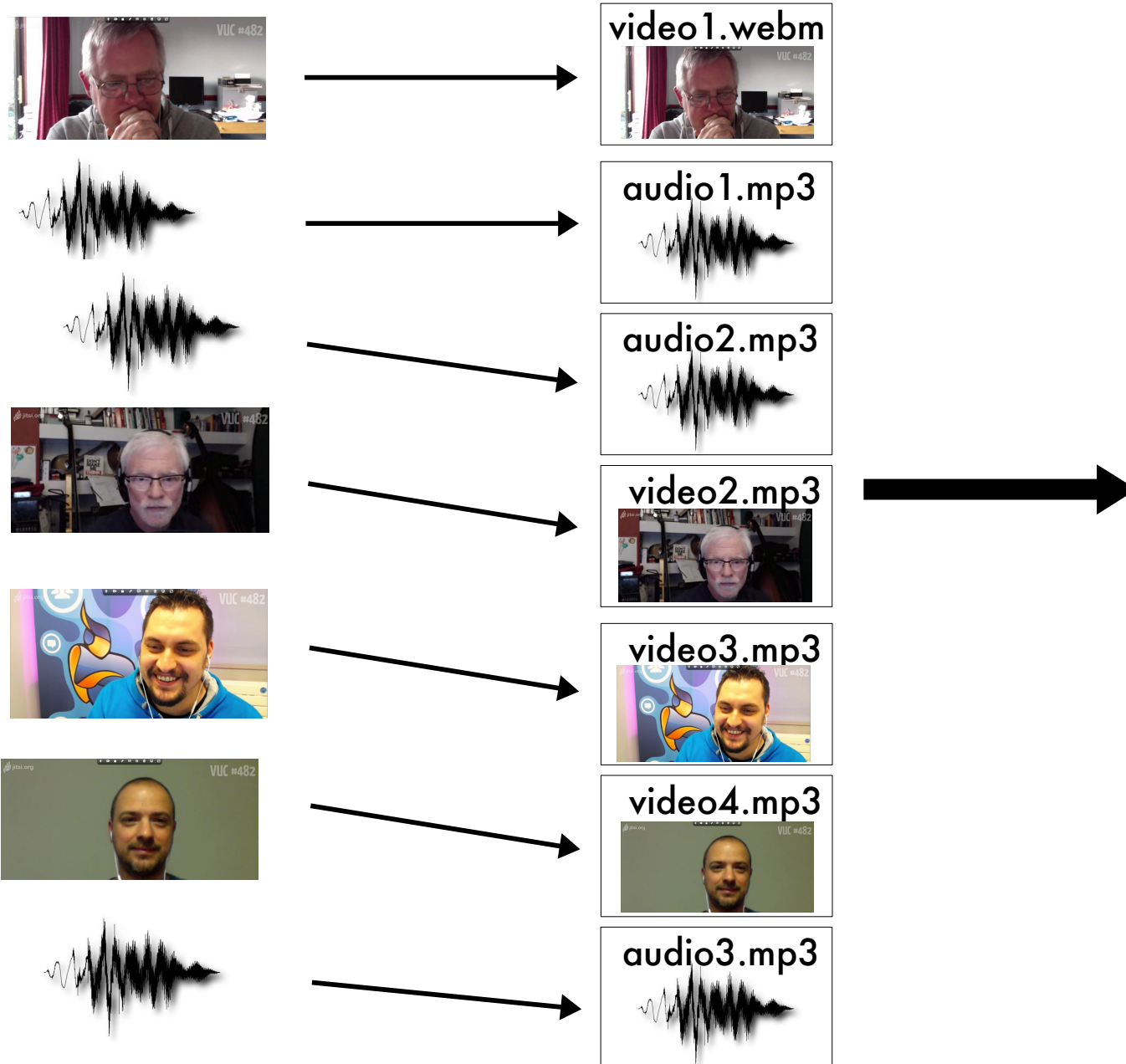
1.2 Jitsi Meet



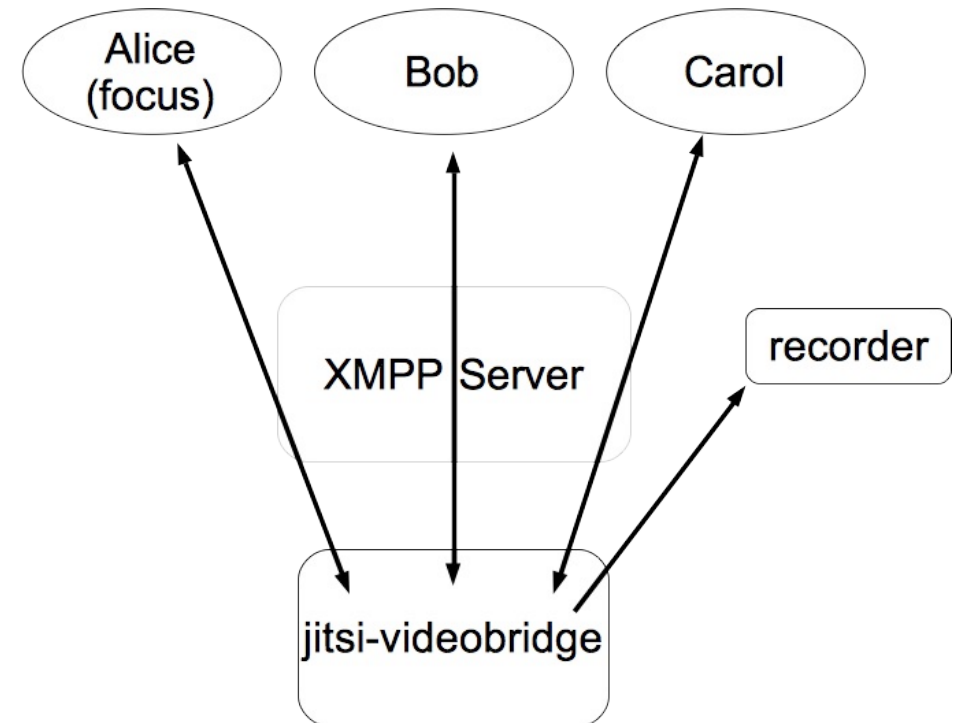
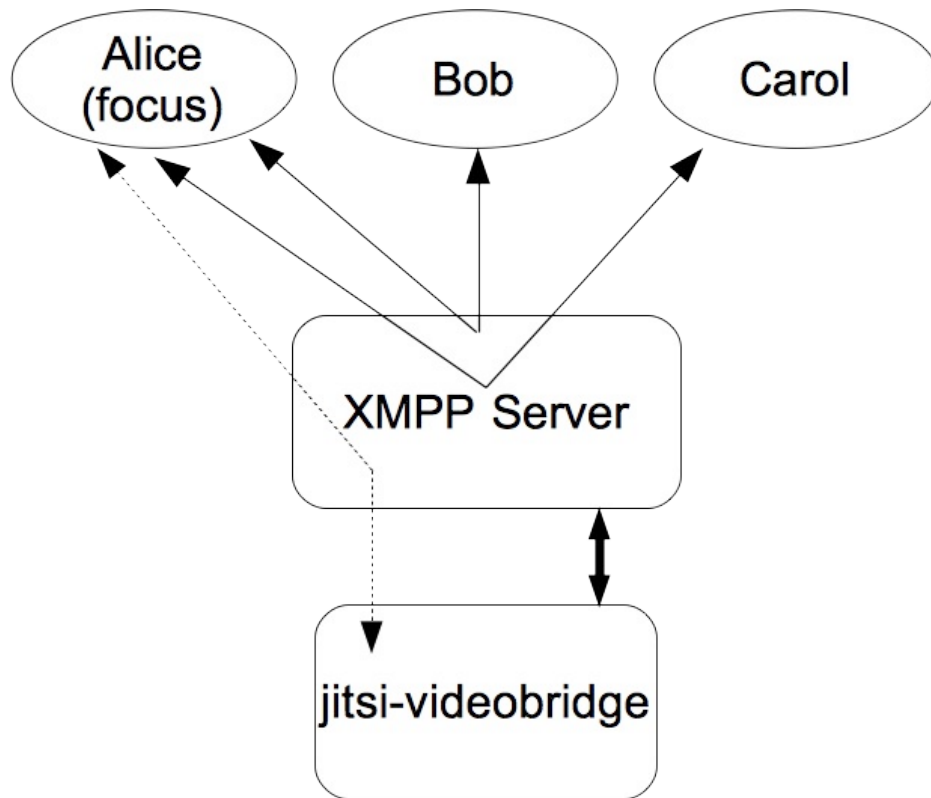
1.2 Jitsi Meet

1. Record

2. Post-process



1.2 Jitsi Meet



1. media and signalling
2. where recording happens

1. VP8 and depacketization

2. Webm and timestamping frames That should be a quickie

2.3 Video: FEC and RTX

1 FEC and implementation

3 RTX

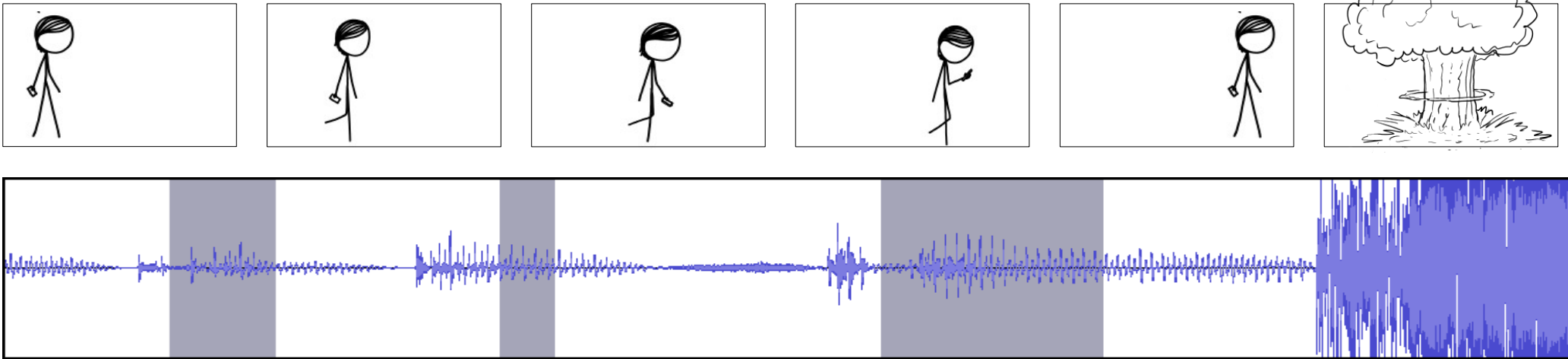
4 Because of FEC and RTX we need a big JB

Probably split in 2-3 slides

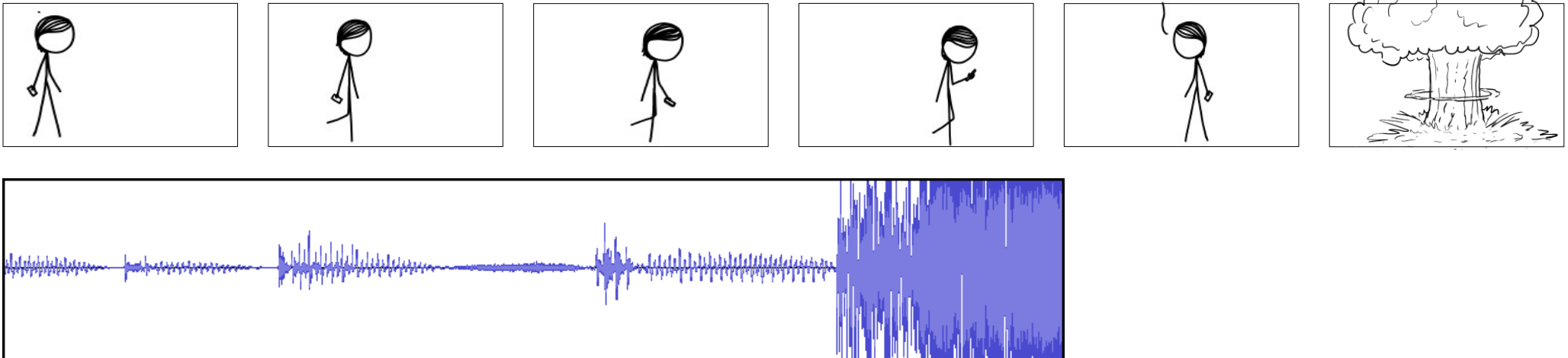
3.1 Audio: recording a mix

1. Diagram?
2. Problem with sync
3. Efficiency
4. Record separately

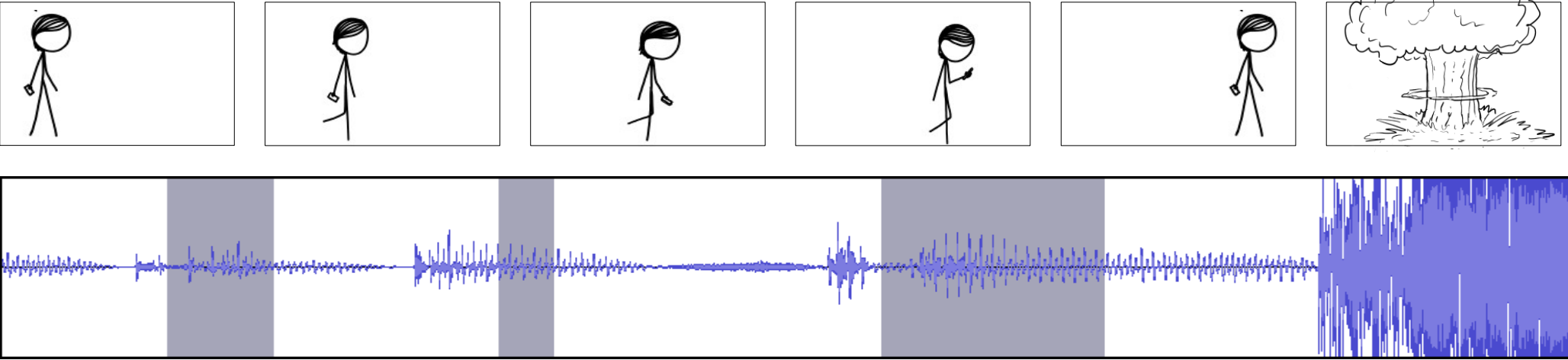
3.3 Audio: repairing gaps



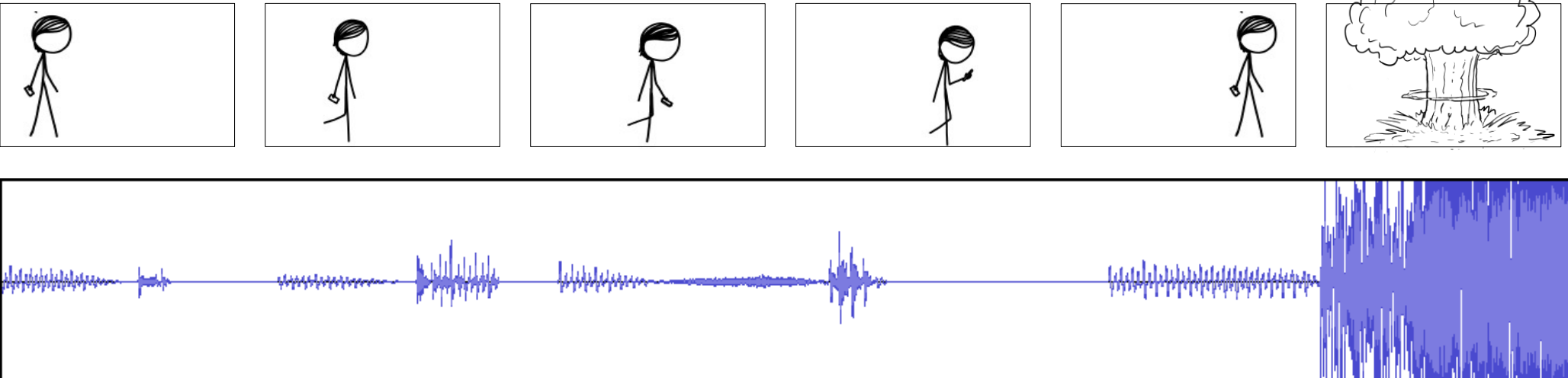
Ignore lost audio?



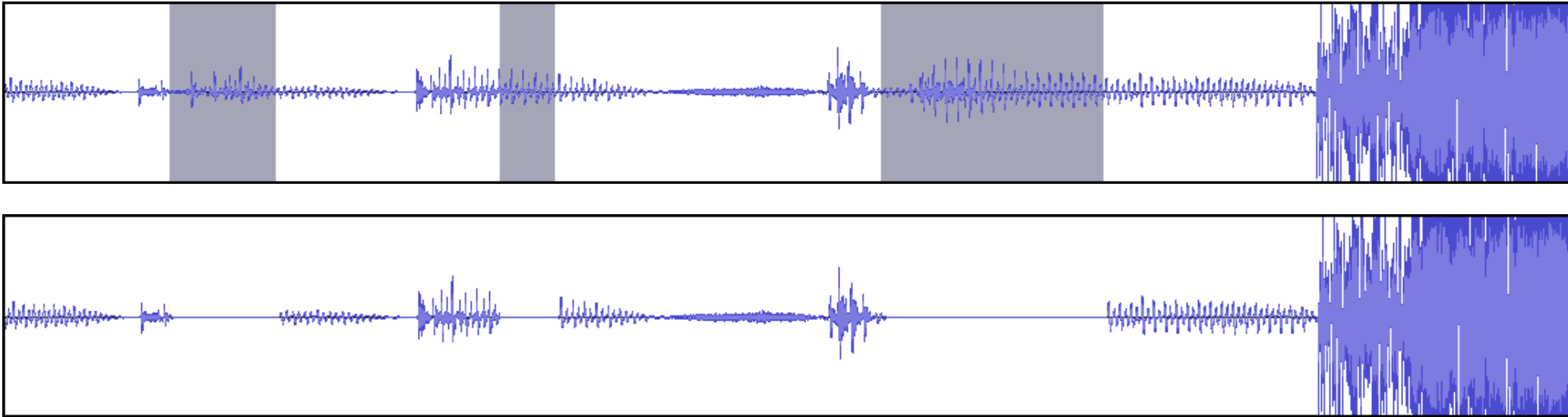
3.3 Audio: repairing gaps



Repair gaps:



3.3 Audio: repairing gaps



- Opus' FEC
- Opus' PLC
- Actual silence

4. Metadata

1. purpose
2. example JSON

5. Synchronization

1. purpose

(note: mention multiple audio files from the same source)

2. diagram

Maybe split in 2 slides

6.1. Post-processing

1. read metadata
2. process audio
3. process video
4. merge

6.1. Post-processing : audio

1. diagram
2. easier than “live” mix
3. relatively quick for the postprocessing (but not necessarily for the recorder)

1. “decode” to MJPEG, constant framerate
2. sections: diagram
3. concatenate + encode

1. RFC4588
2. Requesting RTX (for the participant-recorder)

7.2. Future work: ogg/opus

1. Diagram
2. Avoids a re-encoding step
- 3.

Respected Sir, kindly provide master. thanx