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# Taking SLP-Jibri to Production

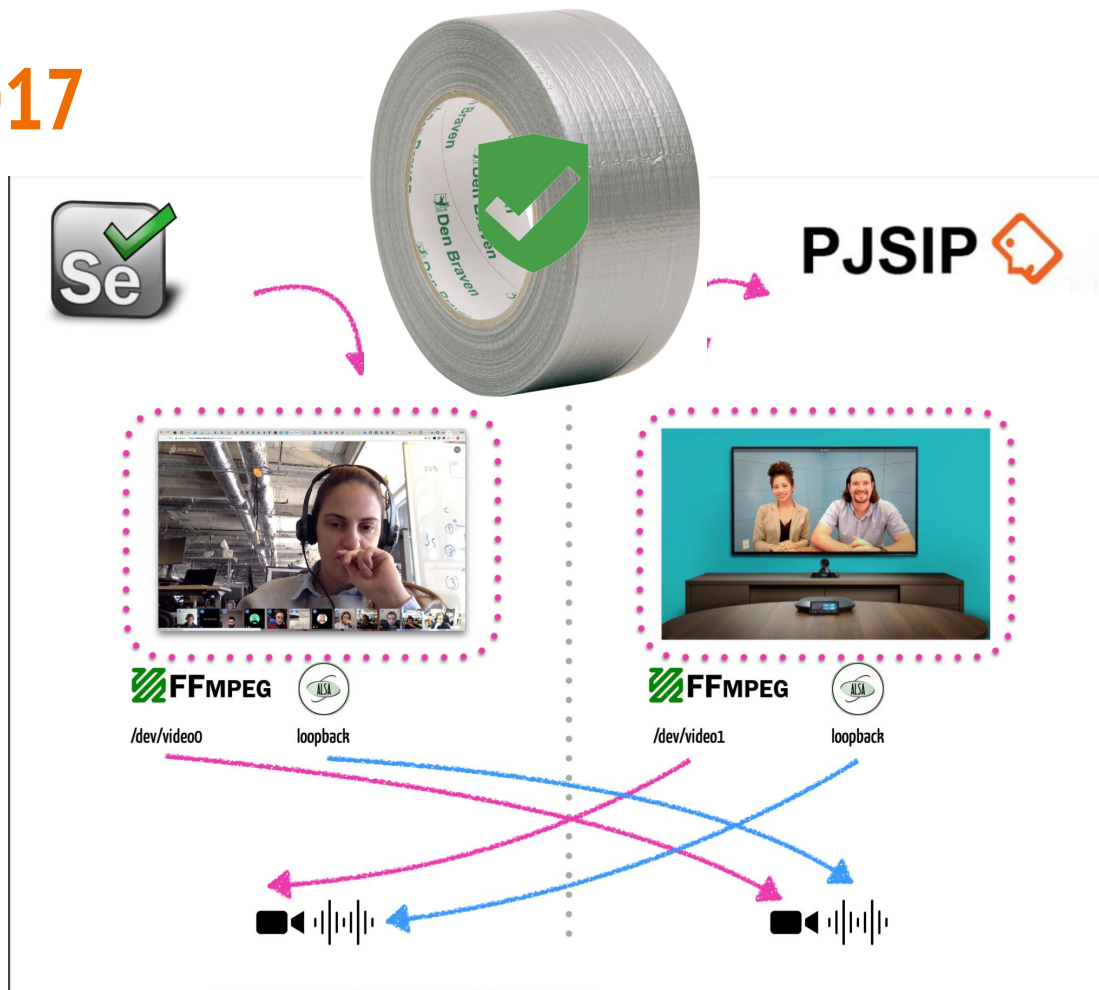
— In the Jitsi Wonderland —

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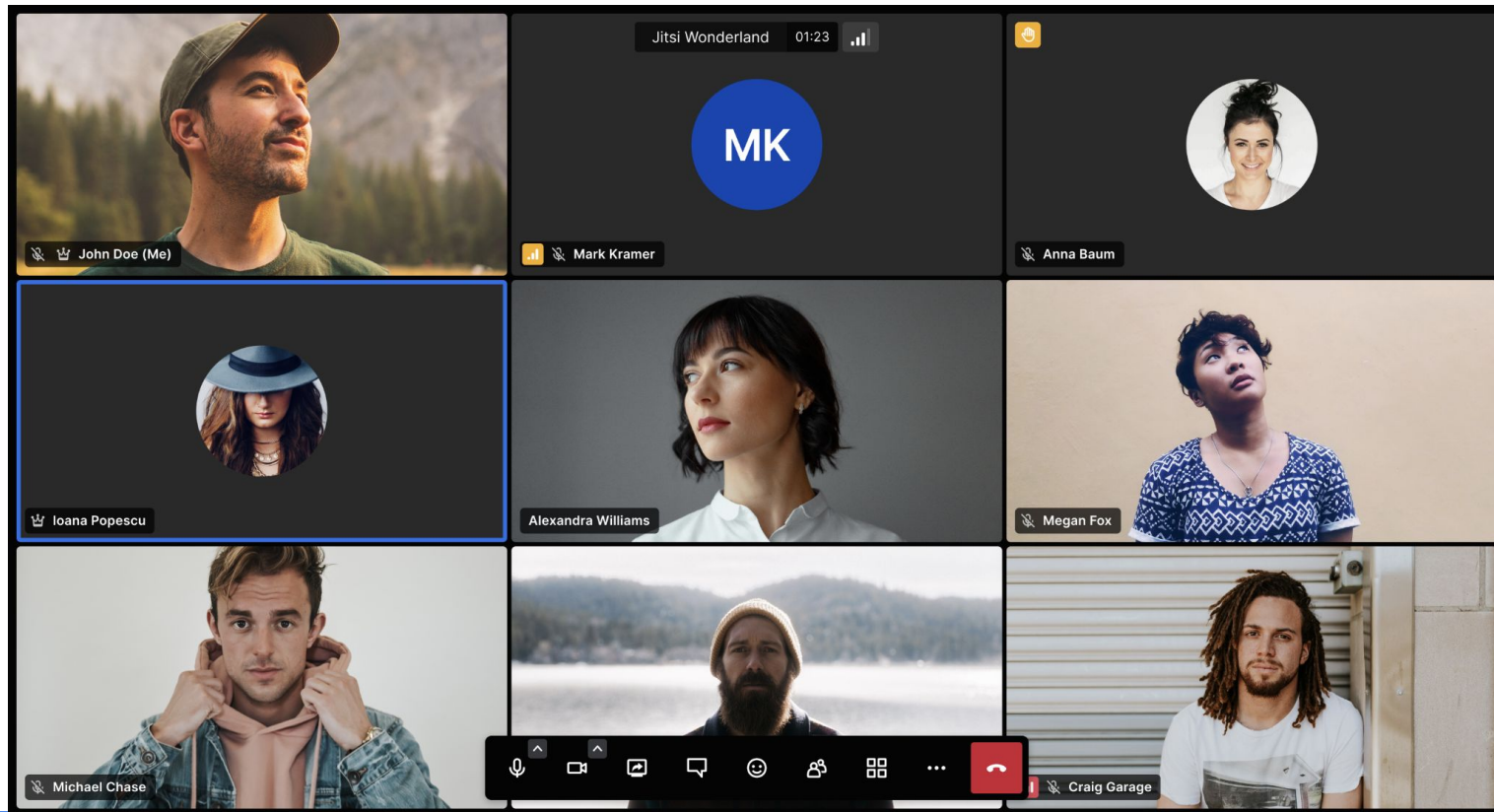
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Oana Emilia Ianc, Raluca Toth, Saúl Ibarra Corretgé

# Back in 2017

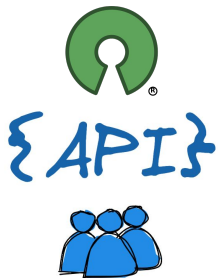


# Jitsi Meet





# Jitsi Meet - The ecosystem

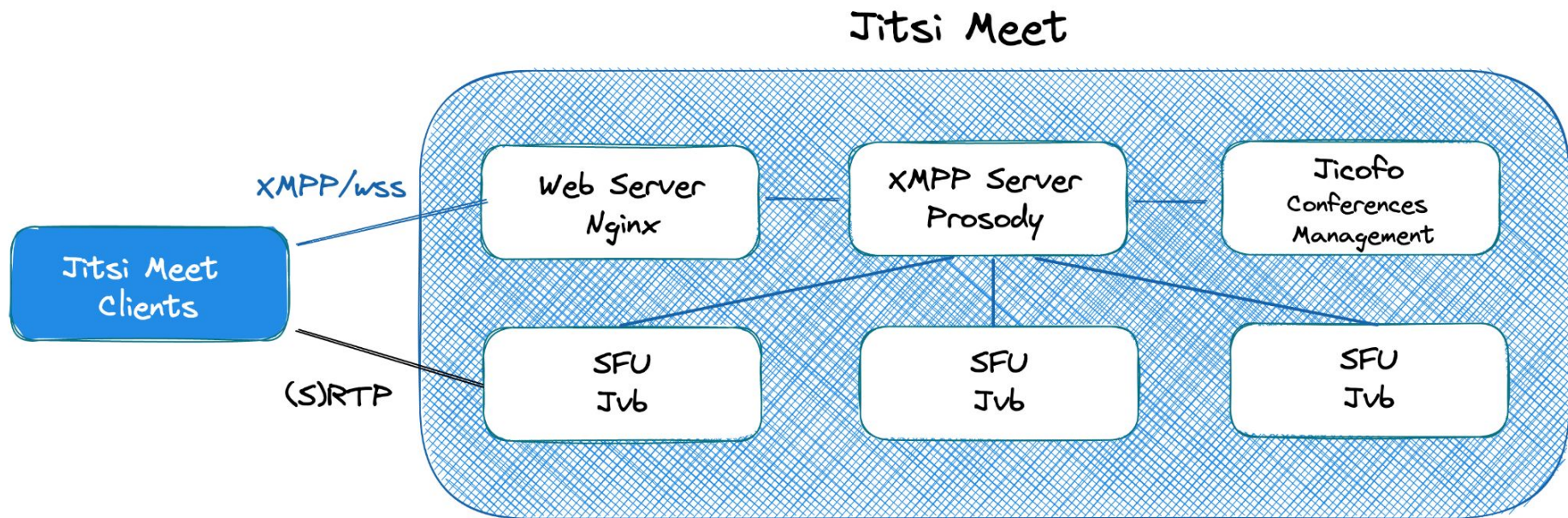


Set of Open Source Projects

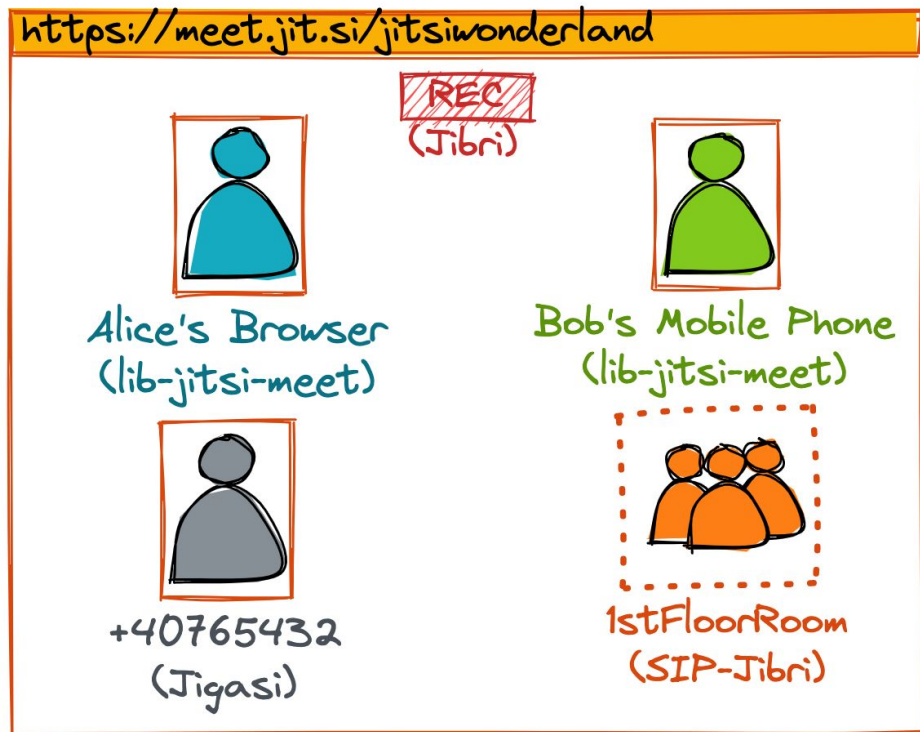
Set of Embedding APIs

Community

# Jitsi Meet - The core



# Jitsi Meet - The participants



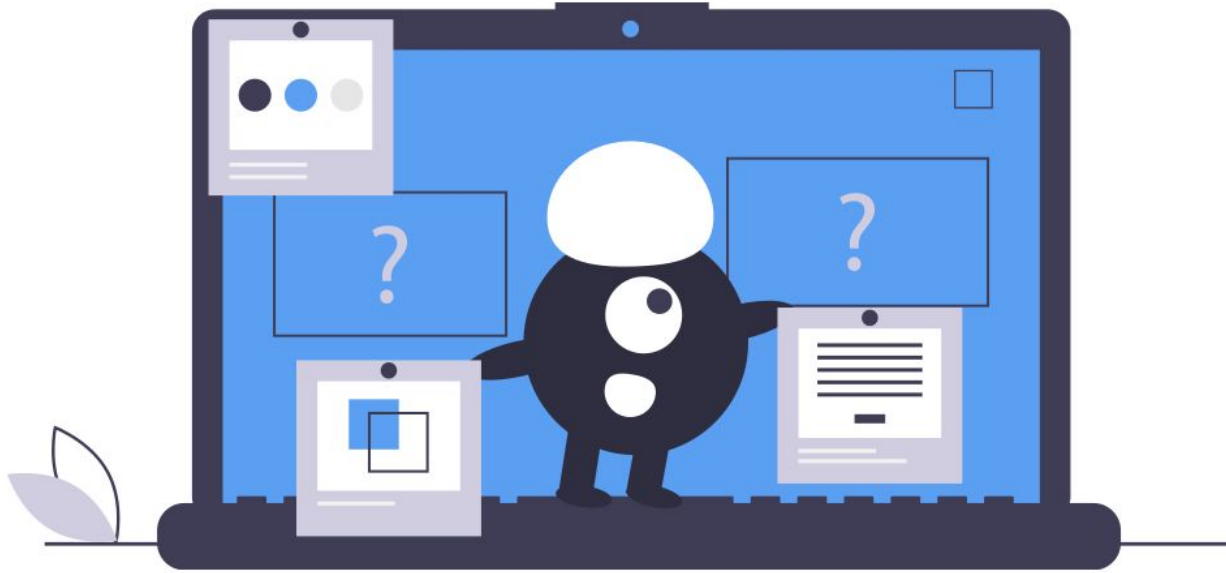


A group of people are seated around a conference table in a dimly lit room, looking at a large screen displaying a video conference. The screen shows a woman with blonde hair. The room has a modern, professional feel with warm lighting and a geometric pattern overlay on the right side.

## Why Video SIP in Jitsi Meetings?

In room video conferences

# How does SIP-Jibri work?



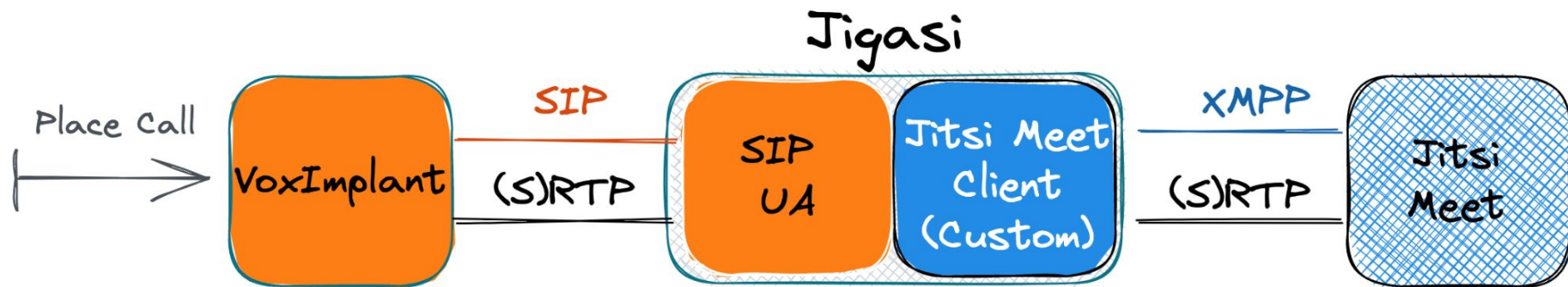


# Before SIP-Jibri

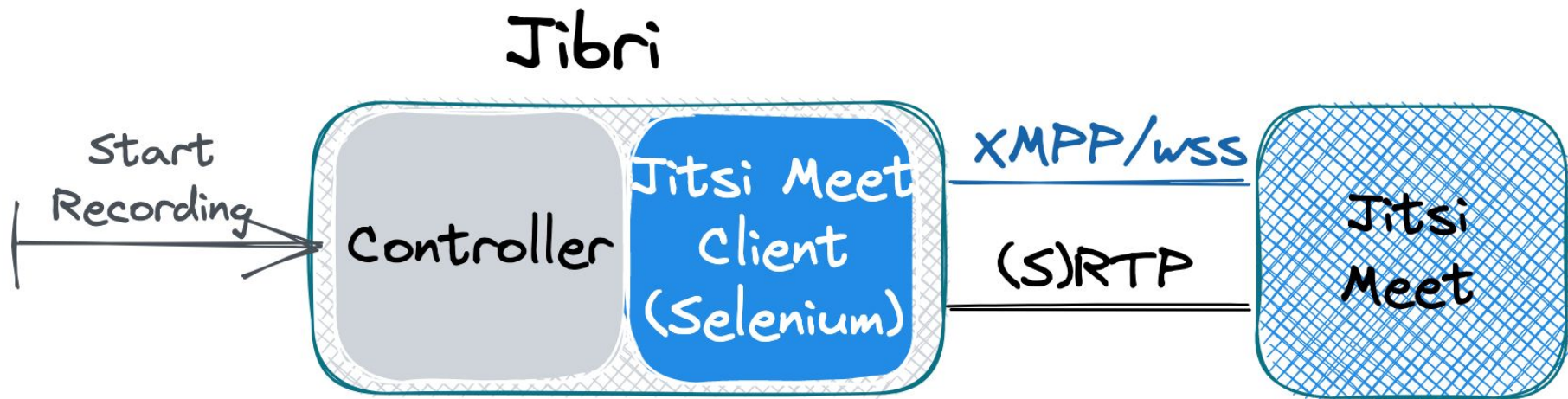


**"Those who don't study history are doomed to repeat it.  
Yet those who *do* study history are doomed to stand by  
helplessly while everyone else repeats it."**

# SIP - Phone participant



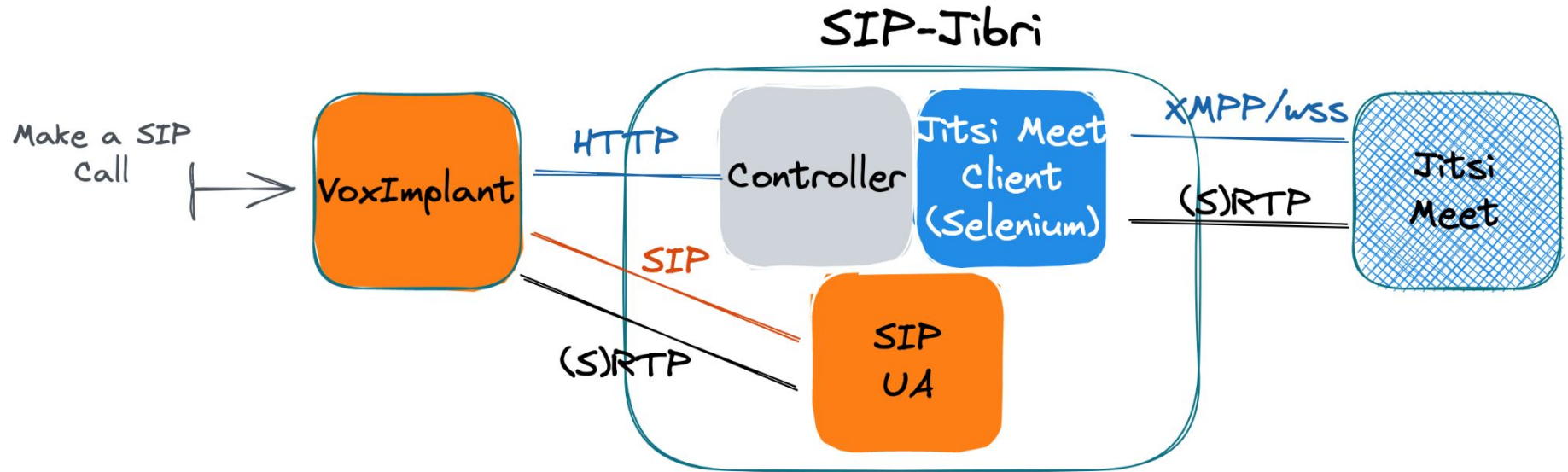
# Jibri - Recorder



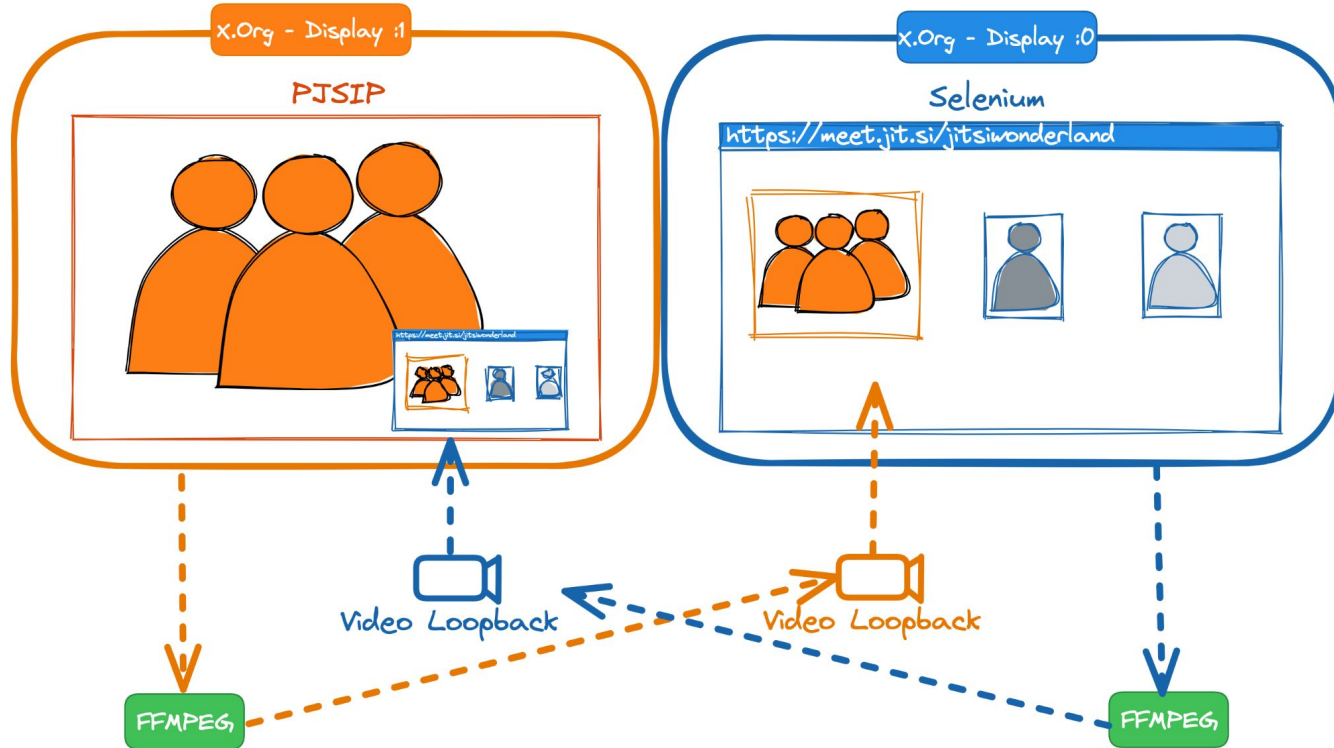
# All powers combined: SIP-Jibri



# SIP-Jibri

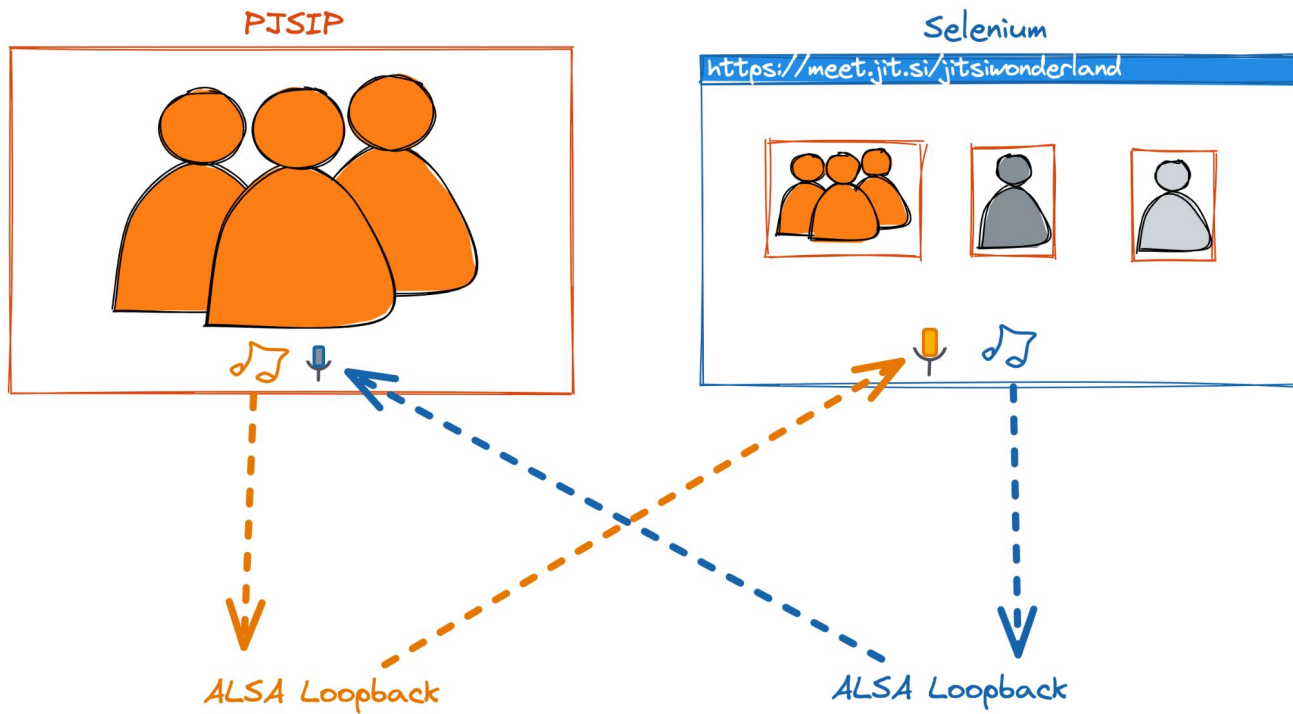


# SIP-Jibri - Video glue





# SIP-Jibri - Audio glue



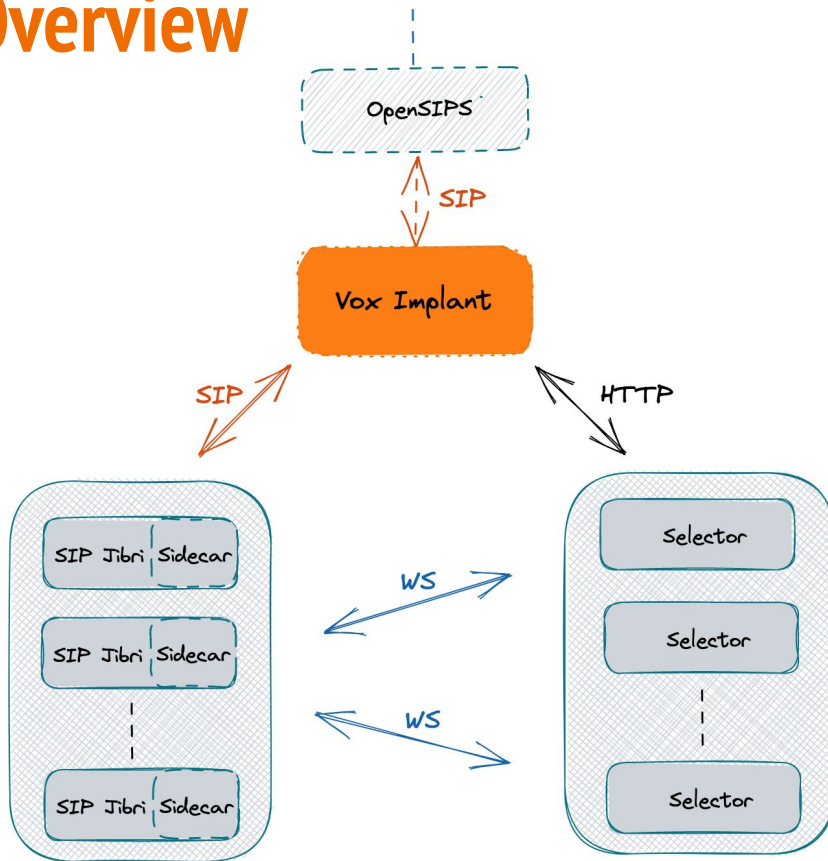
# Why we built it this way



PJSIP



# Going to prod - Overview



# Going to prod - Challenges



# SIP Delayed Media Calls

2021-08-11 09:47:50 Received:

INVITE sip:162.221.192.178:5090;transport=UDP SIP/2.0

i: 844a0ad3-be5e-400e-ab6c-4e84ae7b1b59

CSeq: 1 INVITE

f: <[sip:99480@poly-prod-dm.us](mailto:sip:99480@poly-prod-dm.us)>;tag=fac27ae0

t: <[sip:2137922211@8x8.vc](mailto:sip:2137922211@8x8.vc)>

k: timer

Plcm-Call-ID: e3b1f4df-1b7c-4330-8cd3-e4f156f527da

v: SIP/2.0/UDP 69.167.178.6:5060;rport;branch=z9hG4bKPjdcb32257c5a844058339599205d18a10

v: SIP/2.0/UDP 65.61.53.57:5060;rport=5060;received=65.61.53.57;branch=z9hG4bK-383637-620f242ae521db32efbffe9ec34aadf8

m: <sip:65.61.53.57:5060;transport=udp>

Max-Forwards: 67

Session-Expires: 1800;refresher=uac

Plcm-DMA-Subordinate-Call-Auth: new

VI-Client-IP: 65.61.53.57

VI-Client-Device: SIP

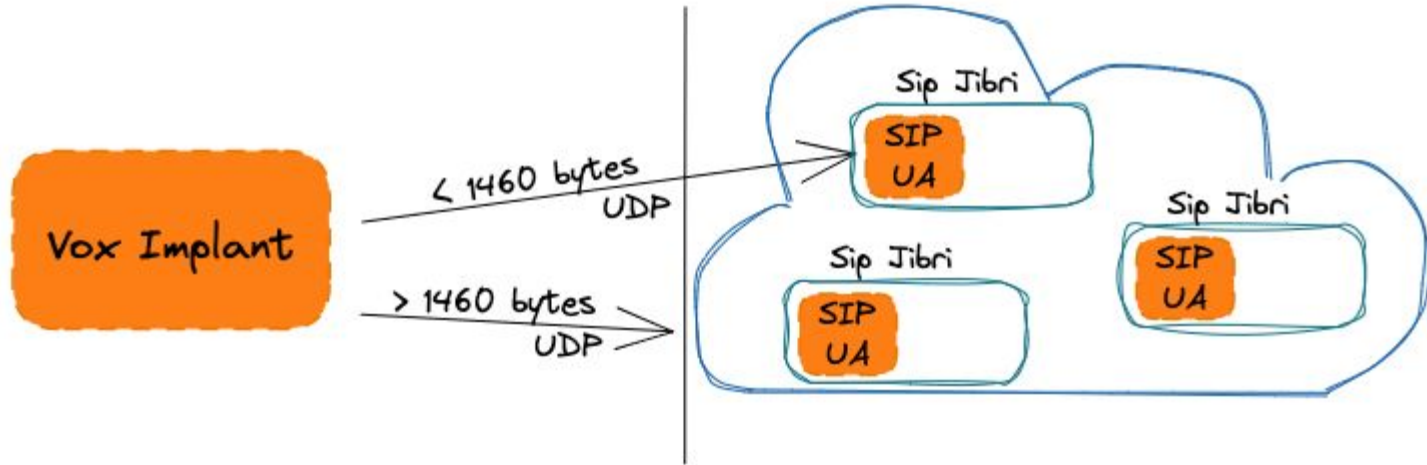
VI-Client-Type: other

Record-Route: <sip:69.167.178.6:5060;transport=UDP;lr>

l: 0



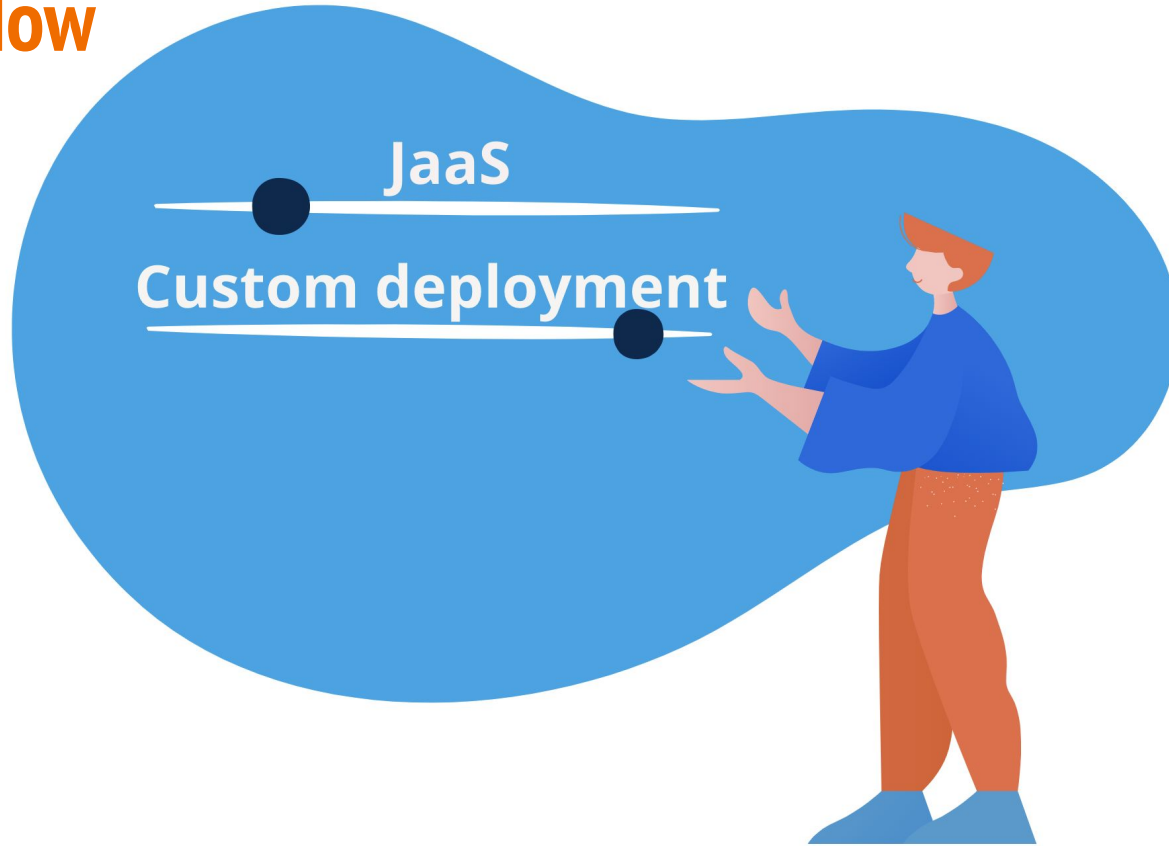
# MTU Size too large



# Packet Loss



# SIP-Jibri Now



# Q&A



@jitsinews

@JaaSOfficial

Oana Emilia Ianc

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