

## **Set up the Video Demo React App on your laptop.**

-Done, it is under Downloads - twilio-video-app-react

### **Task:**

Start with a Group Room. While in the rooms be sure to have the Javascript Console and the Request Inspector Output from the Status Callbacks.

As with the Quickstart, **take note of the Room SIDs, and take many screenshots showing various actions with the Demo App.** Be sure to smile when on camera! **Upload the screenshots into GH and create a file in GH that has descriptions for the screenshot file names and their respective SIDs.**

While in the various rooms, each of you should toggle mute both video and audio tracks, toggle recording on and off. Send some chats to one another. If possible, quickly disconnect your network and reconnect to see how the room handles the reconnect. Test the device input dropdowns, bonus points for adding krisp.ai to the audio input selector. Test the virtual background feature.

Create at minimum two Group Rooms with two or more participants to generate logs and recordings.

#### **Room Details:**

Slainte

RM3755723ffceae451ae3d126214078491

**Share the Demo App URL and passcode with a friend and create a Group room.**

#### **Demo App URL/Password**

Web App URL: <https://video-app-1655-9083-dev.twilio.com?passcode=36090016559083>

Passcode: 36090016559083

Expires: Tue Oct 05 2021 11:00:21 GMT+0100

Room Type: group

## Request Inspector-Status CallBack

<https://webhook.site/#!/3398e65a-a7a5-4ee3-85da-7153b9a3634b/fdb4232b-6352-4a33-889c-4fc671c61886/1>

## Composition Started Event

The screenshot shows the Twilio Request Inspector interface. At the top, there's a header bar with various icons and links like 'Twilio - My Applic...', 'CSV Export', 'XHR Redirect Settings...', 'Redirect Now', 'CORS Headers', 'Auto Navigate', 'Hide Details', and 'More'. Below the header is a navigation bar with links for 'Webhook.site', 'Docs & API', 'Custom Actions', 'WebhookScript', 'Terms & Privacy', and 'Support'. On the left, a sidebar lists 'REQUESTS (131/500) Newest First' with a list of recent requests. One request is highlighted in blue: 'POST #da28d 35.171.182.175 08/25/2021 8:36:15 PM'. The main content area is titled 'Request Details' and shows the following information for the selected request:

	Value
Method	POST
URL	<a href="https://webhook.site/3398e65a-a7a5-4ee3-85da-7153b9a3634b/da28d613-a2d8-491d-b7ae-226b2c01ca3a/1">https://webhook.site/3398e65a-a7a5-4ee3-85da-7153b9a3634b/da28d613-a2d8-491d-b7ae-226b2c01ca3a/1</a>
Host	35.171.182.175 whois
Date	08/25/2021 8:36:15 PM (a few seconds ago)
Size	290 bytes
ID	da28d613-a2d8-491d-b7ae-226b2c01ca3a

Below the URL section, there are tabs for 'Headers', 'Query strings', and 'Raw Content'. The 'Headers' tab displays the following key-value pairs:

Header	Value
connection	close
user-agent	TwilioProxy/1.1
content-length	290
accept	/*
x-twilio-signature	3T2IYFKE5b729fP2w61c7ix0MwC=
i-twilio-idempotency-token	ebb8c24c-61cd-45ff-973b-bfd82b1619d
content-type	application/x-www-form-urlencoded; charset=utf-8
host	webhook.site

The 'Query strings' tab shows '(empty)'. The 'Raw Content' tab contains a JSON-formatted string:

```
RoomSid: RM3755723ffcae451ae3d126214078491&CompositionSid:CJa85c08c270d7c97152486fa05ee34213&statusCallbackEvent=composition-started&t&timestamp=2021-08-25T19:36:15.005Z&AccountSid:ACa1e4170bb0eb44a0c5709d44602df0&compositionUrl=%2Fv1%2Fcompositions%2FCJa85c08c270d7c97152486fa05ee34213
```

At the bottom of the main content area, there are checkboxes for 'Format JSON', 'Word-Wrap', and 'Copy', along with a 'Copy' button. Navigation links at the bottom include 'First', 'Prev', 'Next', and 'Last'.

## Composition Progress Event

<https://webhook.site/3398e65a-a7a5-4ee3-85da-7153b9a3634b/9bbfd39c-370b-4e46-a311-211de717690a1>

POST #9bbfd 3.80.235.34  
08/25/2021 8:37:05 PM

POST #135e5 35.153.207.135  
08/25/2021 8:36:56 PM

POST #af70f 54.89.93.26  
08/25/2021 8:36:49 PM

POST #5e27c 35.153.69.232  
08/25/2021 8:36:42 PM

POST #7a247 35.173.254.251  
08/25/2021 8:36:37 PM

POST #6935a 204.236.205.142  
08/25/2021 8:36:29 PM

POST #f4b74 54.92.141.132  
08/25/2021 8:36:21 PM

POST #da28d 35.171.182.175  
08/25/2021 8:36:15 PM

GET #e9fcc  
2a02:8084:001:d600:cd07:fc3e:801:aac  
08/25/2021 8:31:22 PM

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**Request Details**

	Value
Method	POST
URL	https://webhook.site/3398e65a-a7a5-4ee3-85da-7153b9a3634b/9bbfd39c-370b-4e46-a311-211de717690a1
Host	3.80.235.34 whois
Date	08/25/2021 8:37:05 PM (a few seconds ago)
Size	329 bytes
ID	9bbfd39c-370b-4e46-a311-211de717690a1

**Headers**

connection	close
user-agent	TwilioProxy/1.1
content-length	329
accept	/*/*
x-twilio-signature	5978URF6BdykhA9aPu4P/yVtw=
i-twilio-idempotency-token	e1a91c4da-43fe-4e44-b22-946270cc369f
content-type	application/x-www-form-urlencoded; charset=utf-8
host	webhook.site

**Form values**

SecondsRemaining	20
RoomSid	RM3755723ffccae451ae3d126214078491
CompositionSid	Cja85c08c270d7c97152486fa05ee34213
PercentageDone	78
StatusCallbackEvent	composition-progress
Timestamp	2021-08-25T19:37:05.007Z
AccountId	ACaa14170bb0eb44a0c5709d44602df0
CompositionUri	/v1/Compositions/Cja85c08c270d7c97152486fa05ee34213

**Raw Content**

```
SecondsRemaining=20&RoomSid=RM3755723ffccae451ae3d126214078491&CompositionSid=Cja85c08c270d7c97152486fa05ee34213&PercentageDone=78&StatusCallbackEvent=composition-progress&Timestamp=2021-08-25T19%3A37%3A05.007Z&AccountId=ACaa14170bb0eb44a0c5709d44602df0&CompositionUri=%2Fv1%2FCompositions%2FCja85c08c270d7c97152486fa05ee34213
```

Format JSON  Word-Wrap

## Recording Completed Event

<https://webhook.site/3398e65a-a7a5-4ee3-85da-7153b9a3634b/4421d429-1d36-4168-ac25-f7ea4867c03d1>

POST #aa0f1 3.84.19.139  
08/25/2021 7:57:47 PM

POST #95b9 34.235.139.178  
08/25/2021 7:39:45 PM

POST #70c8b 54.80.127.249  
08/25/2021 7:34:34 PM

POST #634e1 54.89.255.99  
08/25/2021 7:34:33 PM

POST #555de 35.175.139.75  
08/25/2021 7:34:30 PM

POST #1f8ee 35.173.231.126  
08/25/2021 7:34:27 PM

POST #4421d 18.212.93.189  
08/25/2021 7:34:27 PM

POST #a7361 18.213.0.58  
08/25/2021 7:34:27 PM

POST #c207b 52.91.8.128  
08/25/2021 7:34:25 PM

POST #96e86 18.205.234.233  
08/25/2021 7:34:24 PM

POST #a208b 9E-175.094.406  
08/25/2021 7:34:24 PM

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**Request Details**

	Value
Method	POST
URL	https://webhook.site/3398e65a-a7a5-4ee3-85da-7153b9a3634b/4421d429-1d36-4168-ac25-f7ea4867c03d1
Host	18.212.93.189 whois
Date	08/25/2021 7:34:27 PM (41 minutes ago)
Size	661 bytes
ID	4421d429-1d36-4168-ac25-f7ea4867c03d1

**Headers**

connection	close
user-agent	TwilioProxy/1.1
content-length	661
accept	/*/*
x-twilio-signature	H1J5SXHjz5e1pmz+XhA8XAhho=
i-twilio-idempotency-token	3b777c28-0c2d-4e3-92ca-e1f16aebbcf2
content-type	application/x-www-form-urlencoded; charset=utf-8
host	webhook.site

**Form values**

MediaUrl	/v1/Recordings/RT67a93aa9211714fdc57c65d08a928c8a/Media
RoomSid	RM3755723ffccae451ae3d126214078491
RoomName	Slainte
SourceSid	MTd387t296e4fef5049c8a7f08738b0
Size	1668631
ParticipantId	Efes
RecordingId	RT67a93aa9211714fdc57c65d08a928c8a
Duration	978
StatusCallbackEvent	recording-completed
Timestamp	2021-08-25T18:34:27.236536Z
AccountId	ACaa14170bb0eb44a0c5709d44602df0
RecordingUri	/v1/Recordings/RT67a93aa9211714fdc57c65d08a928c8a
Code	opus
Container	mka
Type	audio
RoomType	group
OffsetFromTwilioVideoEpoch	1871650826315
TrackName	26674ab-e-dc49-4158-83a5-e8ff9c16559b
ParticipantSid	PAd13526519d2e4d8d6dc8f0ed8113fcfa

**Raw Content**

```
MediaUrl=/v1/Recordings/RT67a93aa9211714fdc57c65d08a928c8a/Media
RoomSid=RM3755723ffccae451ae3d126214078491
RoomName=Slainte
SourceSid=MTd387t296e4fef5049c8a7f08738b0
Size=1668631
ParticipantId=Efes
RecordingId=RT67a93aa9211714fdc57c65d08a928c8a
Duration=978
StatusCallbackEvent=recording-completed
Timestamp=2021-08-25T18:34:27.236536Z
AccountId=ACaa14170bb0eb44a0c5709d44602df0
RecordingUri=/v1/Recordings/RT67a93aa9211714fdc57c65d08a928c8a
Code=opus
Container=mka
Type=audio
RoomType=group
OffsetFromTwilioVideoEpoch=1871650826315
TrackName=26674ab-e-dc49-4158-83a5-e8ff9c16559b
ParticipantSid=PAd13526519d2e4d8d6dc8f0ed8113fcfa
```

Format JSON  Word-Wrap

## Participant connected event

[←](#) [→](#) [Home](#) [Webhook.site](#) [#/!/3398e65a-a7a5-4ee3-85da-7153b9a3634b/696175d1-f2c0-43e3-a8c3-720478b21958/1](#)

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Request Details Permalink Raw content Export as Headers

**POST** https://webhook.site/3398e65a-a7a5-4ee3-85da-7153b9a3634b 08/25/2021 7:33:36 PM

Host: 184.72.64.8 whois Date: 08/25/2021 7:31:28 PM (an hour ago) Size: 354 bytes ID: 696175d1-f2c0-43e3-a8c3-720478b21958

Files

Headers

connection: close  
user-agent: TwilioProxy/1.1  
content-length: 354  
accept: \*/\*  
x-twilio-signature: Yh1n+BG1qnuZu2eKtJdMqDzFpMII=

i-twilio-idempotency-token: 1b50#0f3-fb1b-4d7d-b14e-592c9ff875aa  
content-type: application/x-www-form-urlencoded; charset=utf-8  
host: webhook.site

Form values

RoomStatus: in-progress  
RoomType: group  
RoomSid: RM3755723ffceae451ae3d126214078491  
RoomName: Slainte  
ParticipantStatus: connected  
ParticipantIdentity: Dilek Demir  
SequenceNumber: 41  
StatusCallbackEvent: participant-connected  
Timestamp: 2021-08-25T18:31:27.991Z  
ParticipantSid: PAfc5c105f7113260a88b6571c7c5abf5s  
AccountSid: ACale4170bbd0eb44aa8c5709d44682df0

Raw Content

Format JSON Word Wrap Copy

RoomStatus=in-progress&RoomType=group&RoomSid=RM3755723ffceae451ae3d126214078491&RoomName=Slainte&ParticipantStatus=connected&ParticipantIdentity=Dilek%20Demir&SequenceNumber=41&StatusCallbackEvent=participant-connected&Timestamp=2021-08-25T18:31:27.991Z&ParticipantSid=PAfc5c105f7113260a88b6571c7c5abf5s&AccountSid=ACale4170bbd0eb44aa8c5709d44682df0

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## Participant Audio track enabled event;

[←](#) [→](#) [Home](#) [Webhook.site](#) [#/!/3398e65a-a7a5-4ee3-85da-7153b9a3634b/07e61a60-93b6-4a2f-9790-30d352d2354e/1](#)

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Request Details Permalink Raw content Export as Headers

**POST** https://webhook.site/3398e65a-a7a5-4ee3-85da-7153b9a3634b 08/25/2021 7:33:36 PM

Host: 54.159.39.93 whois Date: 08/25/2021 7:31:19 PM (an hour ago) Size: 445 bytes ID: 07e61a60-93b6-4a2f-9790-30d352d2354e

Files

Headers

connection: close  
user-agent: TwilioProxy/1.1  
content-length: 445  
accept: \*/\*  
x-twilio-signature: CSqYxs/WjWevYPc2re6Pyhb/Nc=

i-twilio-idempotency-token: b4f24e5b-0436-452d-982c-a528bd088a2d  
content-type: application/x-www-form-urlencoded; charset=utf-8  
host: webhook.site

Form values

RoomStatus: in-progress  
RoomSid: RM3755723ffceae451ae3d126214078491  
RoomName: Slainte  
ParticipantStatus: connected  
ParticipantIdentity: Dilay  
StatusCallbackEvent: track-enabled  
Timestamp: 2021-08-25T18:31:18.705Z  
AccountSid: ACale4170bbd0eb44aa8c5709d44682df0  
TrackKind: audio  
RoomType: group  
TrackSid: MT9ce7c7432199097c3016e38bc88ff78a  
SequenceNumber: 48  
TrackName: 616a3bfe-7baf-4357-b8cb-84f8e2a7c214  
ParticipantSid: PA25fae5cf4dc9c8028961809c805491cb

Raw Content

Format JSON Word Wrap Copy

RoomStatus=in-progress&RoomSid=RM3755723ffceae451ae3d126214078491&RoomName=Slainte&ParticipantStatus=connected&ParticipantIdentity=Dilay&StatusCallbackEvent=track-enabled&Timestamp=2021-08-25T18:31:18.705Z&AccountSid=ACale4170bbd0eb44aa8c5709d44682df0&TrackKind=audio&RoomType=group&TrackSid=MT9ce7c7432199097c3016e38bc88ff78a&SequenceNumber=48&TrackName=616a3bfe-7baf-4357-b8cb-84f8e2a7c214&ParticipantSid=PA25fae5cf4dc9c8028961809c805491cb

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## Participant disconnected Event

[←](#) [→](#) [C](#) [S](#)  [webhook.site/#/3398e65a-a7a5-4ee3-85da-7153b9a3634b/cbe7a02f-6ccb-45b5-a4a1-79f7b34885a2/1](#) [Update](#)

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Request Details		Permalink	Raw content	Export as	Headers
<b>POST</b>	#def6c 18.212.123.136	<a href="#">https://webhook.site/3398e65a-a7a5-4ee3-85da-7153b9a3634b</a>			connection: close user-agent: TwilioProxy/1.1 content-length: 374 accept: */* x-twilio-signature: 162k2dGAn6jW630w0hndqHgDAl= i-twilio-idempotency-token: bb774fc2-9dab-4e64-ba66-7f17f072c514 content-type: application/x-www-form-urlencoded; charset=utf-8 host: webhook.site
<b>POST</b>	#fc3e4 34.235.139.178				RoomStatus: in-progress RoomType: group RoomSid: RM3755723ffcae451ae3d1262140784916 RoomName: Slainte ParticipantDuration: 121 ParticipantStatus: disconnected ParticipantIdentity: Dee SequenceNumber: 39 StatusCallbackEvent: participant-disconnected Timestamp: 2021-08-25T18:30:52.406Z ParticipantSid: PA4c81ff843bcd67d5edb6be18d1a2 AccountSid: ACale4170bbd0ebb44a0c5709d44602df0
<b>POST</b>	#da17d 3.83.149.248				Raw Content
<b>POST</b>	#58651 54.90.102.201				RoomStatus=in-progress&RoomType=group&RoomSid=RM3755723ffcae451ae3d1262140784916&RoomName=Slainte&ParticipantDuration=121&ParticipantStatus=disconnected&ParticipantIdentity=Dee&SequenceNumber=39&StatusCallbackEvent=participant-disconnected&Timestamp=2021-08-25T18:30:52.406Z&ParticipantSid=PA4c81ff843bcd67d5edb6be18d1a2&AccountSid=dACale4170bbd0ebb44a0c5709d44602df0
<b>POST</b>	#69617 184.72.64.8				<a href="#">Format JSON</a> <a href="#">Word-Wrap</a> <a href="#">Copy</a>
<b>POST</b>	#07e61 54.159.39.93				
<b>POST</b>	#b0b59 54.90.103.155				
<b>POST</b>	#cb074 54.91.18.230				
<b>POST</b>	#1d9c0 184.72.64.8				
<b>POST</b>	#501dc 35.171.182.175				
<b>POST</b>	#9a071 35.171.182.175				
<b>POST</b>	#9f6c1 3.93.23.232				
<b>POST</b>	#d56db 18.212.134.93				
<b>POST</b>	#ff68 52.90.196.54				
<b>POST</b>	#3b9 3.84.25.156				
<b>POST</b>	#354ef 34.238.126.132				
<b>POST</b>	#a4e47 18.212.93.189				
<b>POST</b>	#3d4df 54.83.142.104				
<b>POST</b>	#56739 3.91.99.208				
<b>POST</b>	#2145e 52.91.44.246				
<b>POST</b>	#501dc 35.170.182.68				

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## Recording Started Event

[←](#) [→](#) [C](#) [S](#)  [webhook.site/#/3398e65a-a7a5-4ee3-85da-7153b9a3634b/cbe7a02f-6ccb-45b5-a4a1-79f7b34885a2/1](#) [Update](#)

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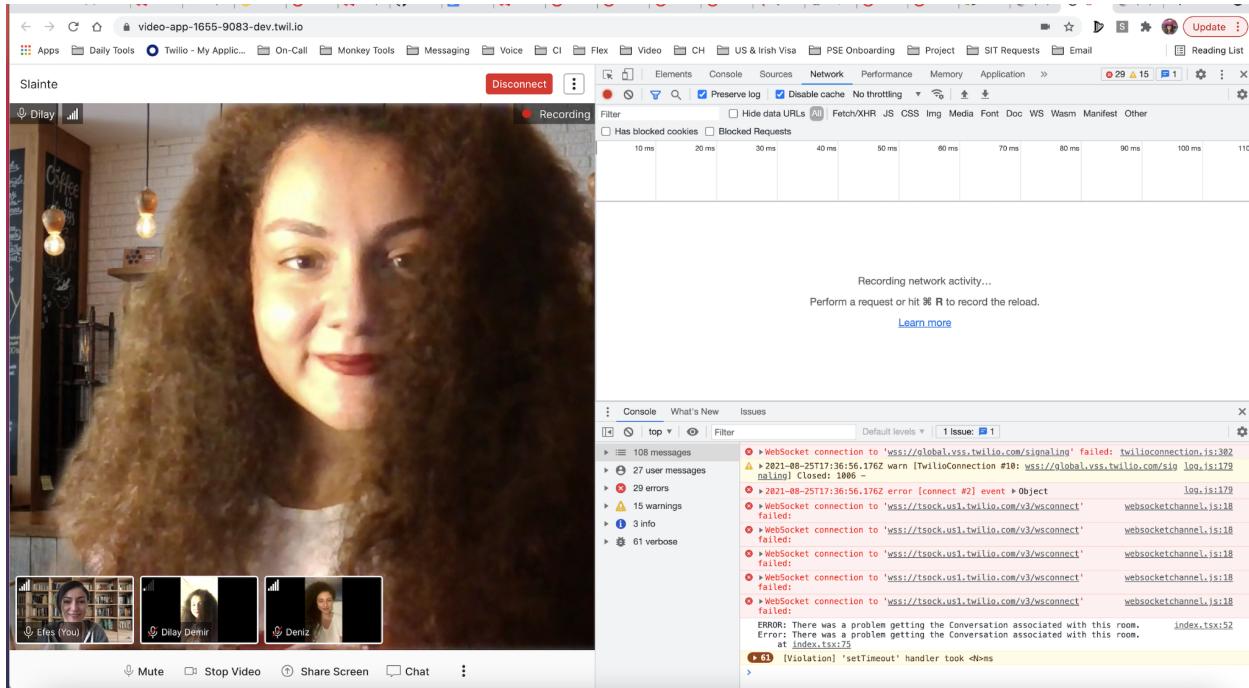
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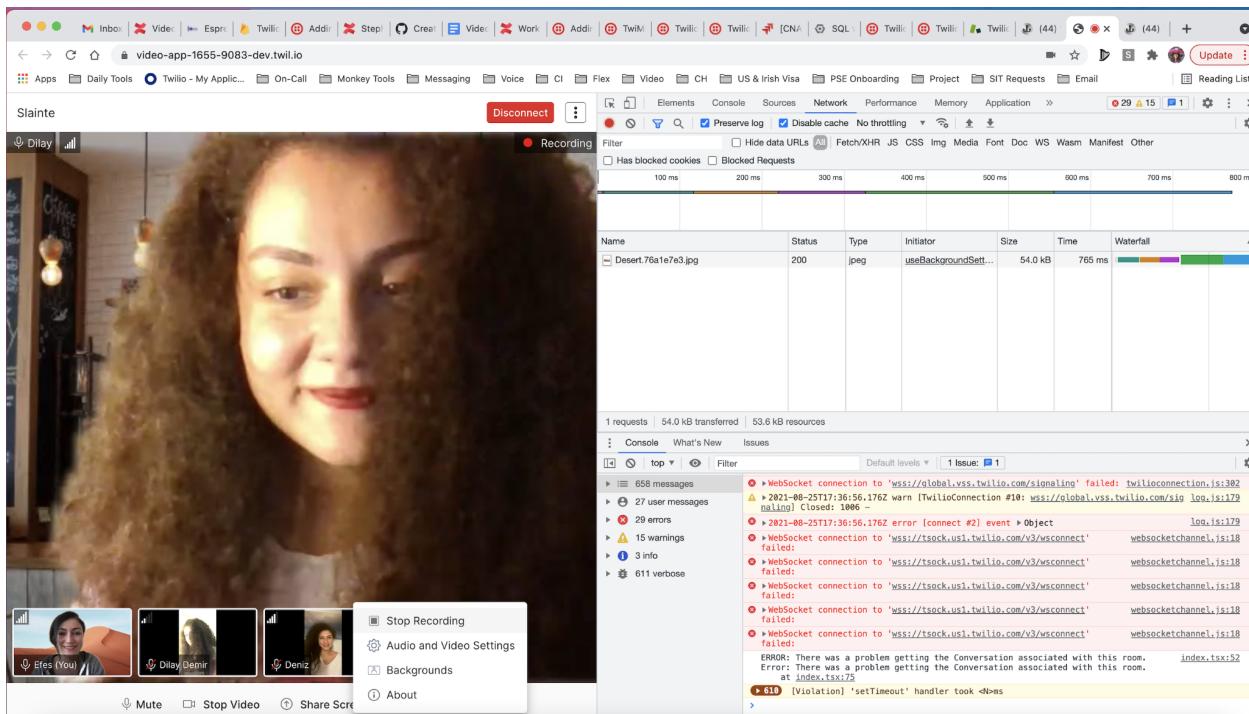
Request Details		Permalink	Raw content	Export as	Headers
<b>POST</b>	#9a071 35.171.182.175	<a href="#">https://webhook.site/3398e65a-a7a5-4ee3-85da-7153b9a3634b</a>			connection: close user-agent: TwilioProxy/1.1 content-length: 552 accept: */* x-twilio-signature: 419pxZRFnKmUPr+pj2VmJ17p2E= i-twilio-idempotency-token: f183d859-1808-4819-b910-9014eac84cd4 content-type: application/x-www-form-urlencoded; charset=utf-8 host: webhook.site
<b>POST</b>	#3b9 3.84.25.156				RoomSid: RMcaffBea3d407c31fce0df9b371d4006c RoomName: Slainte SourceSid: MT32b9535ecd19e278a2d1caf1c1e32a ParticipantIdentity: Dilay Demir RecordingSid: RTbad9a4af8bcf7b3440d295014e5e47d8 StatusCallbackEvent: recording-started Timestamp: 2021-08-25T18:59:13.964323Z AccountId: ACale4170bbd0ebb44a0c5709d44602df0 RecordingUri: /v1/Recordings/RTbad9a4af8bcf7b3440d295014e5e47d8 Codec: vp8 Container: mkv Type: video RoomType: group OffsetFromTwilioVideoEpoch: 187167468502 TrackName: camera-1629917946153 ParticipantSid: PAabdc6e5551ab09885629a633165433034
<b>POST</b>	#501dc 35.170.182.68				Raw Content
<b>POST</b>	#2145e 52.91.44.246				RoomSid=RmcaffBea3d407c31fce0df9b371d4006c&RoomName=Slainte&SourceSid=MT32b9535ecd19e278a2d1caf1c1e32a&ParticipantIdentity=Dilay%20Demir&RecordingSid=RTbad9a4af8bcf7b3440d295014e5e47d8&StatusCallbackEvent=recording-started&Timestamp=2021-08-25T18:59:13.964323Z&AccountId=ACale4170bbd0ebb44a0c5709d44602df0&RecordingUri=/v1/Recordings/RTbad9a4af8bcf7b3440d295014e5e47d8&Codec=vp8&Container=mkv&Type=video&RoomType=group&OffsetFromTwilioVideoEpoch=187167468502&TrackName=camera-1629917946153&ParticipantSid=PAabdc6e5551ab09885629a633165433034
<b>POST</b>	#501dc 35.171.182.175				<a href="#">Format JSON</a> <a href="#">Word-Wrap</a> <a href="#">Copy</a>
<b>POST</b>	#9a071 35.171.182.175				
<b>POST</b>	#9f6c1 3.93.23.232				
<b>POST</b>	#d56db 18.212.134.93				
<b>POST</b>	#ff68 52.90.196.54				
<b>POST</b>	#3b9 3.84.25.156				
<b>POST</b>	#354ef 34.238.126.132				
<b>POST</b>	#a4e47 18.212.93.189				
<b>POST</b>	#3d4df 54.83.142.104				
<b>POST</b>	#56739 3.91.99.208				
<b>POST</b>	#2145e 52.91.44.246				
<b>POST</b>	#501dc 35.170.182.68				

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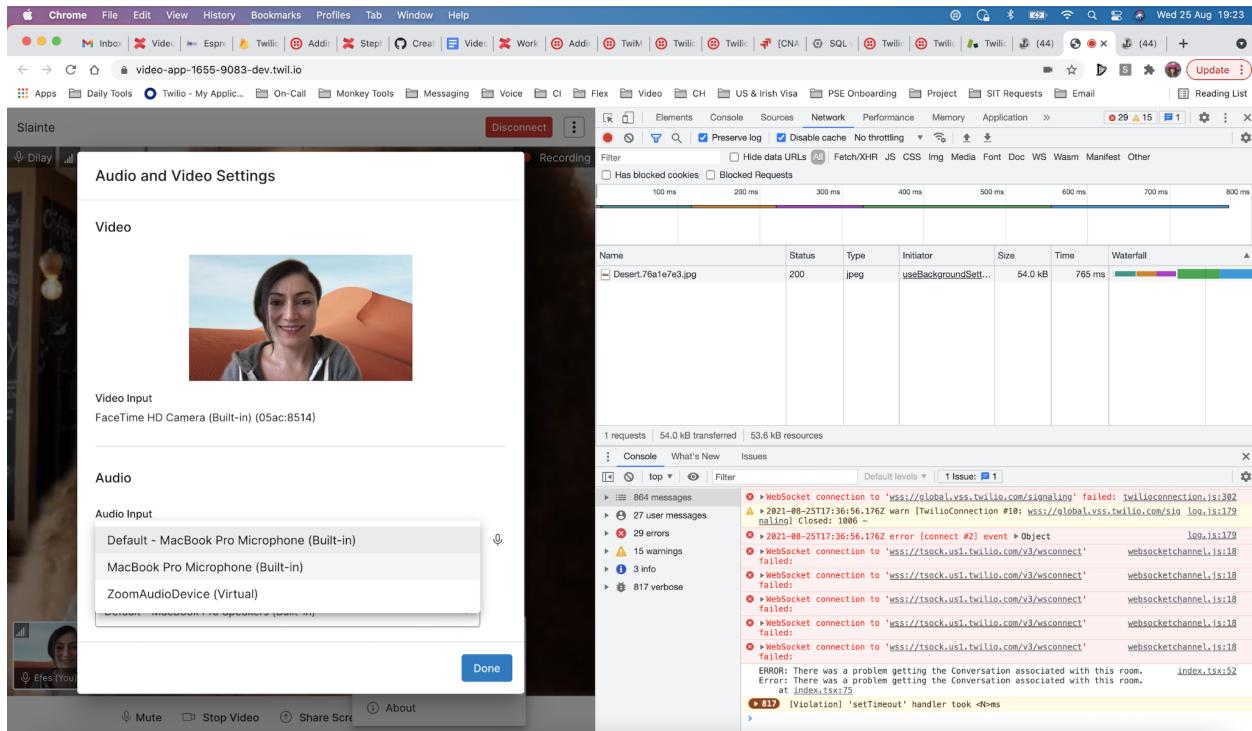
## Toggling Mute:



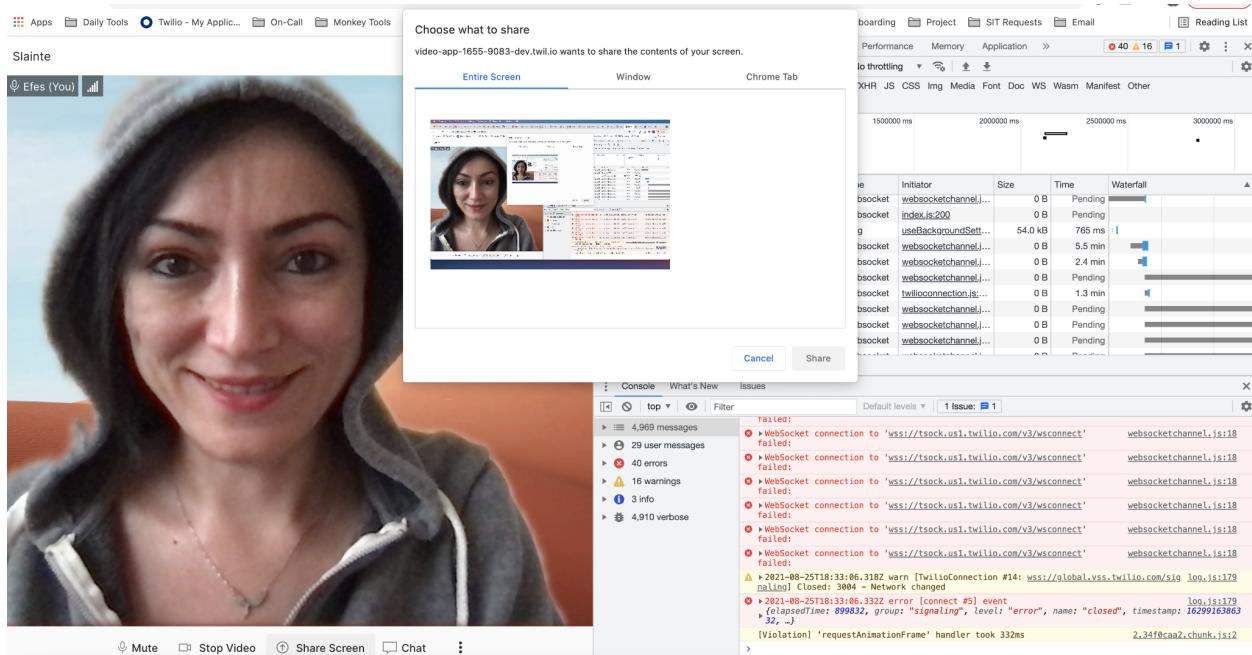
## Toggling Recording:



## Toggling Audio Input:

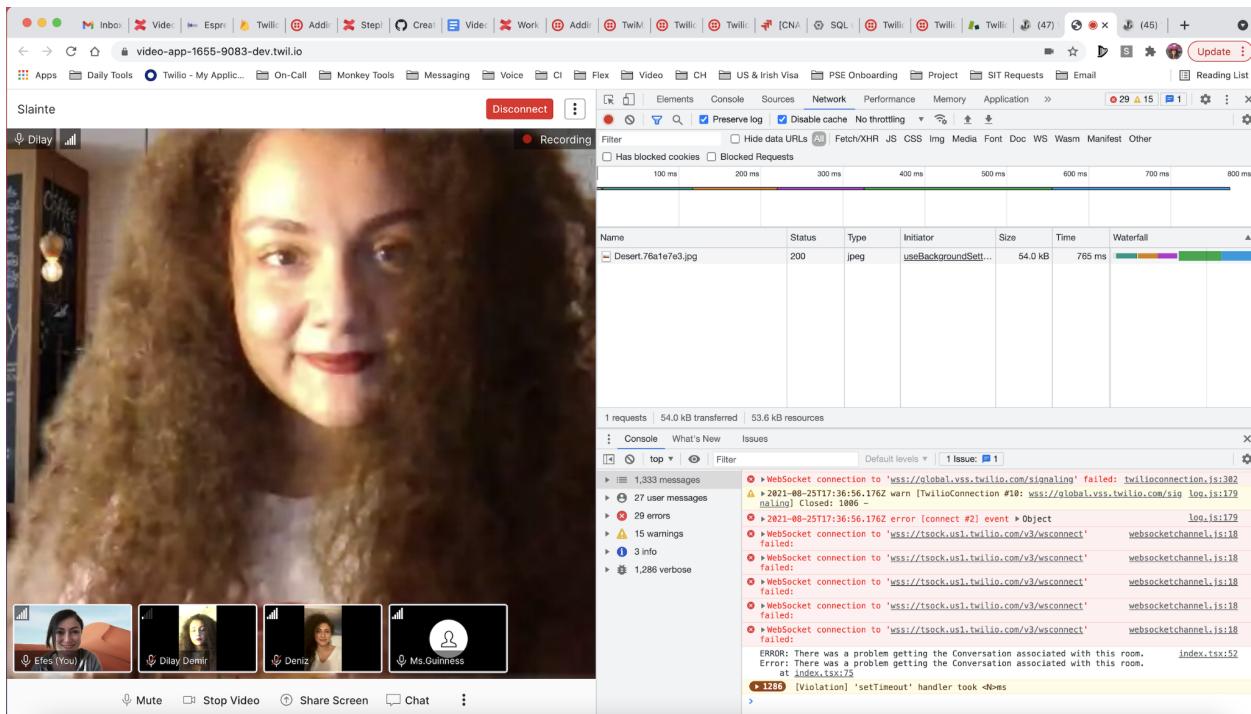


## Screenshare

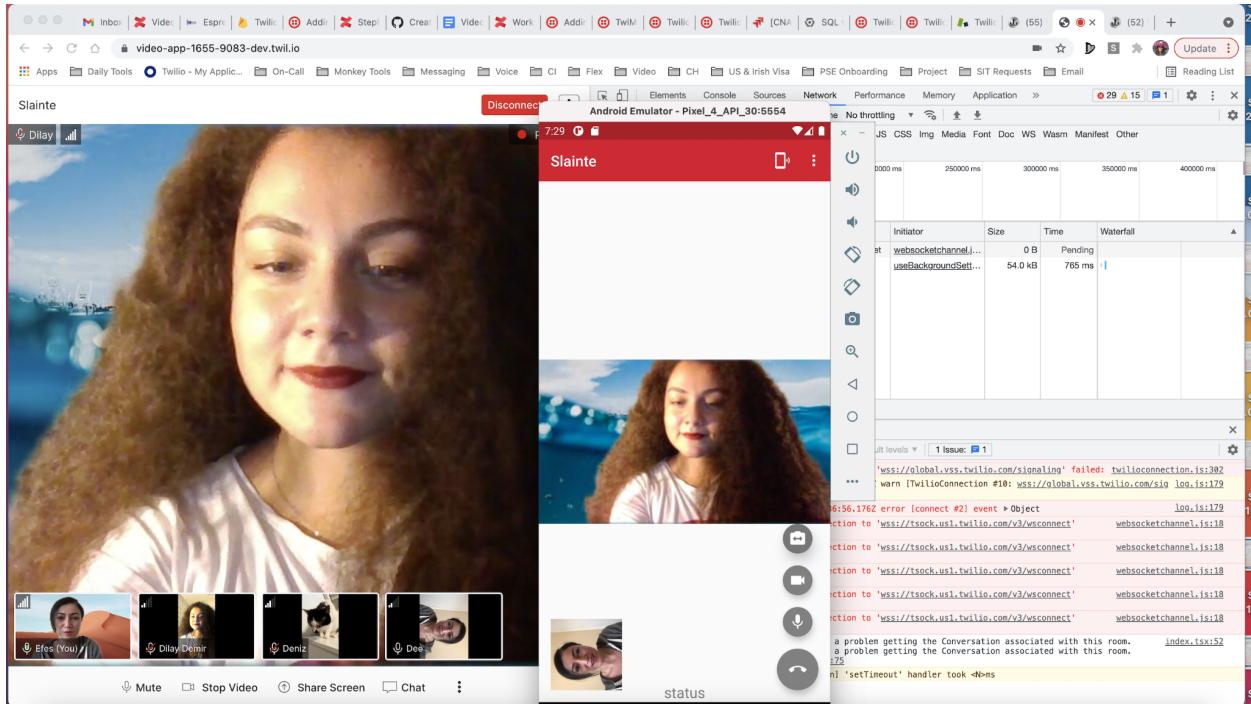


## Added a PSTN User to the Room

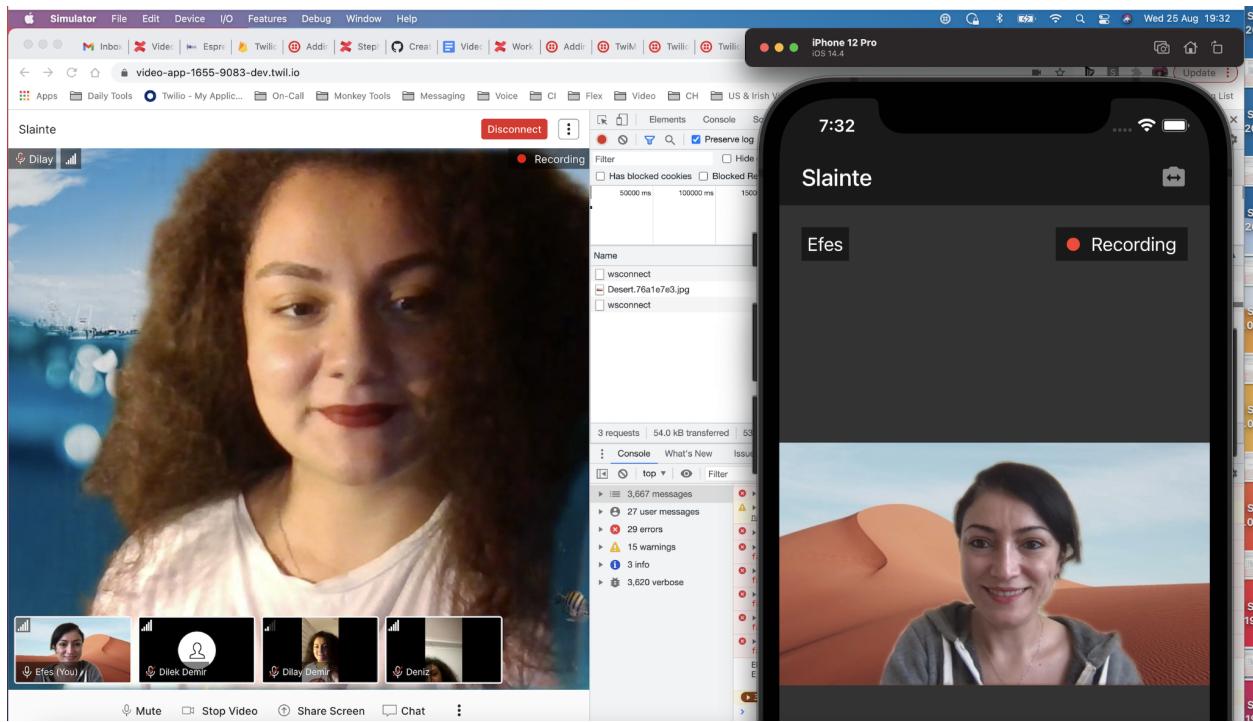
Ms.Guinness



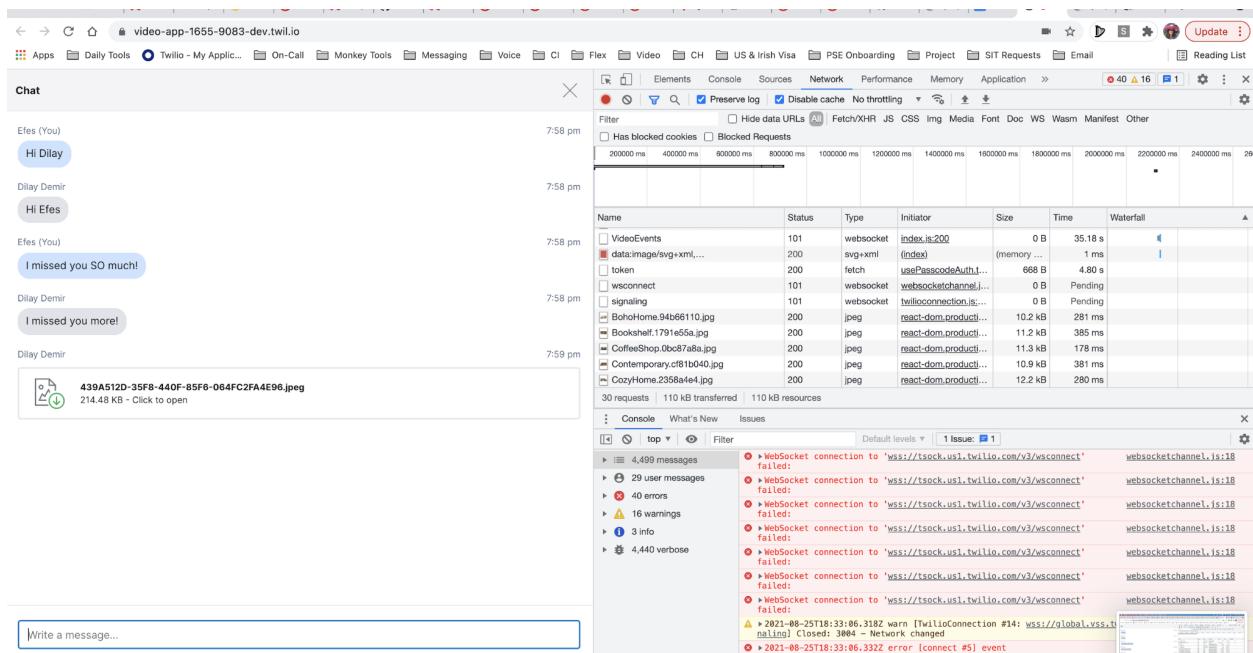
## Connected with Android Simulator



## Connected with iOS Simulator



## Chat Messages;(plus attachment)



## Add one PSTN participant to a room following [Adding Programmable Voice participants to Video Rooms](#)

PSTN User Identity: "Ms. Guinness"

Connected to the Room - Slainte - RM3755723ffceae451ae3d126214078491

Number configured with this TwiML is +1 888 501 1942

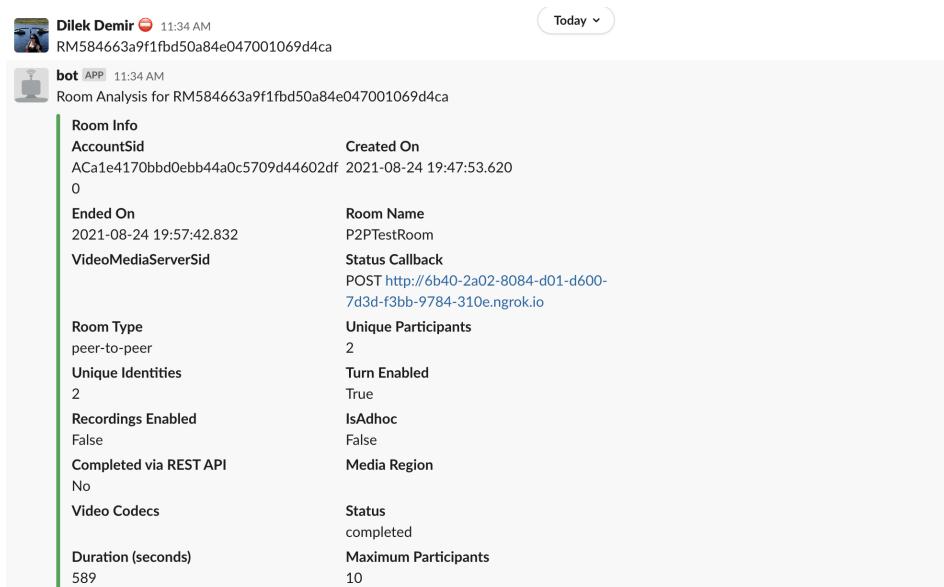
TwiML;

<https://handler.twilio.com/twiml/EH5effc874796fa36cf83c4d450389e884>

```
<?xml version="1.0" encoding="UTF-8"?>
<Response>
<Connect>
<Room participantIdentity='Ms.Guinness'>Slainte</Room>
</Connect>
</Response>
```

## Create one Peer-to-Peer room

P2PTestRoom: RM584663a9f1fdb50a84e047001069d4ca



The screenshot shows a messaging interface with a list of messages and a detailed room analysis card.

Messages:

- Dilek Demir 11:34 AM RM584663a9f1fdb50a84e047001069d4ca
- bot 11:34 AM Room Analysis for RM584663a9f1fdb50a84e047001069d4ca

Room Analysis Card:

Room Info	
AccountSid	ACa1e4170bbd0ebb44a0c5709d44602df
Created On	2021-08-24 19:47:53.620
0	
Ended On	2021-08-24 19:57:42.832
VideoMediaServerId	
Room Type	
peer-to-peer	Room Name
2	Status Callback
Recordings Enabled	POST <a href="http://6b40-2a02-8084-d01-d600-7d3d-f3bb-9784-310e.ngrok.io">http://6b40-2a02-8084-d01-d600-7d3d-f3bb-9784-310e.ngrok.io</a>
False	Unique Participants
Completed via REST API	2
No	Turn Enabled
Video Codecs	True
Duration (seconds)	IsAdhoc
589	False
	Media Region
	Status
	completed
	Maximum Participants
	10

## Review what was captured in Console Logs

<https://www.twilio.com/console/video/logs/rooms>

The screenshot shows the Twilio Video Room Details page. On the left, there's a sidebar with navigation links like Overview, Rooms, Logs (which is selected), Recordings, Compositions, Network Traversal, Tools, Usage, and Getting Started. The main content area has tabs for 'Details' and 'Participants'. Under 'Room Properties', it shows:

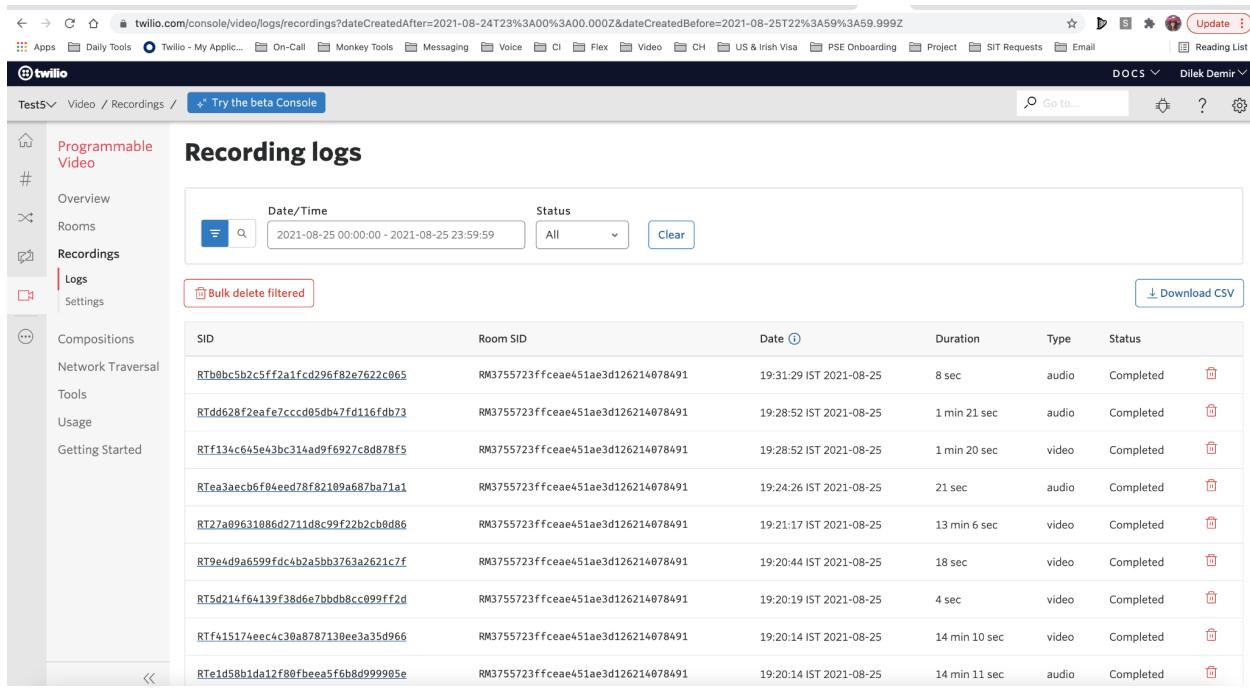
Room SID:	Max Participants Allowed:	Total Participant Duration:
RM3755723ffceae451ae3d126214078491	50	-
Unique Name:	Participant Count:	Total Recording Duration:
Slainte	8	-
Date Created:	Max Concurrent Participants:	Media Region :
19:17:03 IST 2021-08-25	5	us1
Date Completed:	Room Created Method:	
19:39:45 IST 2021-08-25	api	
Room Type:	Room Completed Reason:	
group	-	

The screenshot shows the Twilio Video Room Details page with the 'Participants' tab selected. It lists participants with their SID, identity, duration, tracks published, end reason, and join time.

PARTICIPANT SID	PARTICIPANT IDENTITY	DURATION	PUBLISHED TRACKS	END REASON	JOIN TIME
PAffcc5c105f7113260a88b6571c7c5abf5	Dilek Demir	00:01:26	0	disconnected_via_api	19:31:27 IST 2021-08-25
PA4c81ff843bcd67d5edbdeb1e8d1a2	Dee	00:02:01	2	disconnected_via_api	19:28:50 IST 2021-08-25
PA6fc74df616c10133fd10acb1439af0	Ms.Guinness	00:00:21	1	disconnected_via_api	19:24:25 IST 2021-08-25
PA25fae5cf4dc9c8028961809c805491cb	Dilay	00:14:12	2	disconnected_via_api	19:20:12 IST 2021-08-25
PAd13526519d2ed8d6dc8f0ed8113fcdf	Efes	00:16:19	2	disconnected_via_api	19:18:07 IST 2021-08-25
PAd6fc28afecc3d72a1c6141caddd44d29b	Deniz	00:16:25	1	disconnected_via_api	19:17:59 IST 2021-08-25
PA432c646870174183d8e84bea2b50543a	Dilay Demir	00:16:25	2	disconnected_via_api	19:17:09 IST 2021-08-25
PA86a16b38e440fe1a41c348e161c04db3	Deniz Demir	00:00:26	1	disconnected_via_api	19:17:06 IST 2021-08-25

## Review what was captured in Recording logs/Console

<https://www.twilio.com/console/video/logs/recordings>



The screenshot shows the Twilio Video Recording logs interface. On the left, there's a sidebar with navigation links for Programmable Video, Overview, Rooms, Recordings, Logs (which is selected), and Settings. The main area is titled "Recording logs". It features a search/filter bar with "Date/Time" set to "2021-08-25 00:00:00 - 2021-08-25 23:59:59", "Status" set to "All", and a "Clear" button. Below this is a red "Bulk delete filtered" button and a "Download CSV" button. A table lists recording details:

SID	Room SID	Date	Duration	Type	Status
<a href="#">RTb0bc5b2c5ff2a1fc...065</a>	RM3755723ffceae451ae3d126214078491	19:31:29 IST 2021-08-25	8 sec	audio	Completed
<a href="#">RTdd628f2eafe7cccd05db47fd116fdb73</a>	RM3755723ffceae451ae3d126214078491	19:28:52 IST 2021-08-25	1 min 21 sec	audio	Completed
<a href="#">RTf134c645e43bc314ad9f6927c8d878f5</a>	RM3755723ffceae451ae3d126214078491	19:28:52 IST 2021-08-25	1 min 20 sec	video	Completed
<a href="#">RTea3aecb6f04eed78f82189a687ba71a1</a>	RM3755723ffceae451ae3d126214078491	19:24:26 IST 2021-08-25	21 sec	audio	Completed
<a href="#">RT27a09631086d2711d8c99f22b2cb8d86</a>	RM3755723ffceae451ae3d126214078491	19:21:17 IST 2021-08-25	13 min 6 sec	video	Completed
<a href="#">RT9e4d9a6599fdcc4b2a5bb3763a2621c7f</a>	RM3755723ffceae451ae3d126214078491	19:20:44 IST 2021-08-25	18 sec	video	Completed
<a href="#">RT5d214f64139f38d6e7bbdb8cc099ff2d</a>	RM3755723ffceae451ae3d126214078491	19:20:19 IST 2021-08-25	4 sec	video	Completed
<a href="#">RTf415174eec4c30a8787138ee3a35d966</a>	RM3755723ffceae451ae3d126214078491	19:20:14 IST 2021-08-25	14 min 10 sec	video	Completed
<a href="#">RTe1d58b1da12f80fbeaa5f6b8d999985e</a>	RM3755723ffceae451ae3d126214078491	19:20:14 IST 2021-08-25	14 min 11 sec	audio	Completed

Be sure to click on the hyperlinked date to review the details.

Review video usage under <https://www.twilio.com/console/usage>.

The screenshot shows the Twilio Programmable Video Usage page. On the left, there's a sidebar with navigation links like Overview, Rooms, Recordings, Compositions, Network Traversal, Tools, Usage (which is selected), and Summary. The main area is titled "Programmable Video Usage" and shows a breakdown of usage for August 2021. A note at the top states: "Note: All usage dates and times are in UTC. Storage and taxes are charged at the end of each month." Below this, a table lists usage details:

PRODUCT	QUANTITY	AMOUNT
<b>P2P ROOMS</b>		
P2P Rooms Participant Minutes	60 minutes	\$0.0096
<b>GROUP ROOMS</b>		
Group Rooms Participant Minutes	614 minutes	\$2.456
<b>RECORDINGS</b>		
Composition Minutes	15 minutes	\$0.15
Media Download	0.08905 GB	\$0.00
Recording Minutes	381.00000 minutes	\$1.524
<b>TURN MEGABYTES</b>		
Video - Rooms - TURN Megabyte	0.00463 megabytes	\$0.00
	0.00463 megabytes	\$0.00

Total this month: **\$4.1396**

[View All Product Usage](#)

## Review what is captured in Monkey Video Log Analyzer

<https://monkey.twilio.com/accounts/ACa1e4170bbd0ebb44a0c5709d44602df0/video/logs/rooms>

The screenshot shows the Monkey Video Log Analyzer interface. At the top, there are filters for "Date & Time Range", "Room Type", "Codecs", and a "Filter" button. Below these, a table lists video room logs:

ROOM SID	UNIQUE NAME	ROOM TYPE	PARTICIPANT COUNT	VIDEO CODECS	DATE
RM3755723fceae451ae3d126214078491	Sainte	group	8	H264, VP8	18:17:03 UTC 2021-08-25
RMaef8fe749501db7190c691ba36226bf	UpTheDubs	group	1	VP8, H264	17:48:24 UTC 2021-08-25
RMbfa615642f8e61c1232b4382bead8349	ddd	group	3	H264, VP8	17:25:10 UTC 2021-08-25
RM584663a9f1fbfd50a84e047001069d4ca	P2PTestRoom	peer_to_peer	2	VP8	19:47:53 UTC 2021-08-24
RMd829c002cb175ed413c3fd8e2dbbad	UpTheDubs	group	2	H264, VP8	19:39:37 UTC 2021-08-24
RM03394bcdb2d82bc26facb2e59faa14a0	UpTheDubs	group	2	H264, VP8	19:30:12 UTC 2021-08-24

6 Per Page [Export to CSV](#)

monkey.twilio.com/accounts/ACa1e4170bbd0ebb44a0c5709d44602df0/video/logs/rooms/RM3755723ffceae451ae3d126214078491

Apps Daily Tools Twilio - My Application On-Call Monkey Tools Messaging Voice CI Flex Video CH US & Irish Visa PSE Onboarding Project SIT Requests Email Reading List

Video Rooms

## Room Details

Details Participants

### Room Properties

Room SID:	Max Participants Allowed:	Total Participant Duration:
RM3755723ffceae451ae3d126214078491	50	01:07:35
Unique Name:	Participant Count:	Total Recording Duration:
Slainte	8	01:05:16
Date Created:	Max Concurrent Participants:	Media Region ⓘ :
18:17:03 UTC 2021-08-25	5	us1
Date Completed:	Room Created Method:	
18:39:45 UTC 2021-08-25	api	
Room Type:	Room Completed Reason:	
group	timeout	

monkey.twilio.com/accounts/ACa1e4170bbd0ebb44a0c5709d44602df0/video/logs/rooms/RM3755723ffceae451ae3d126214078491

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Video Rooms

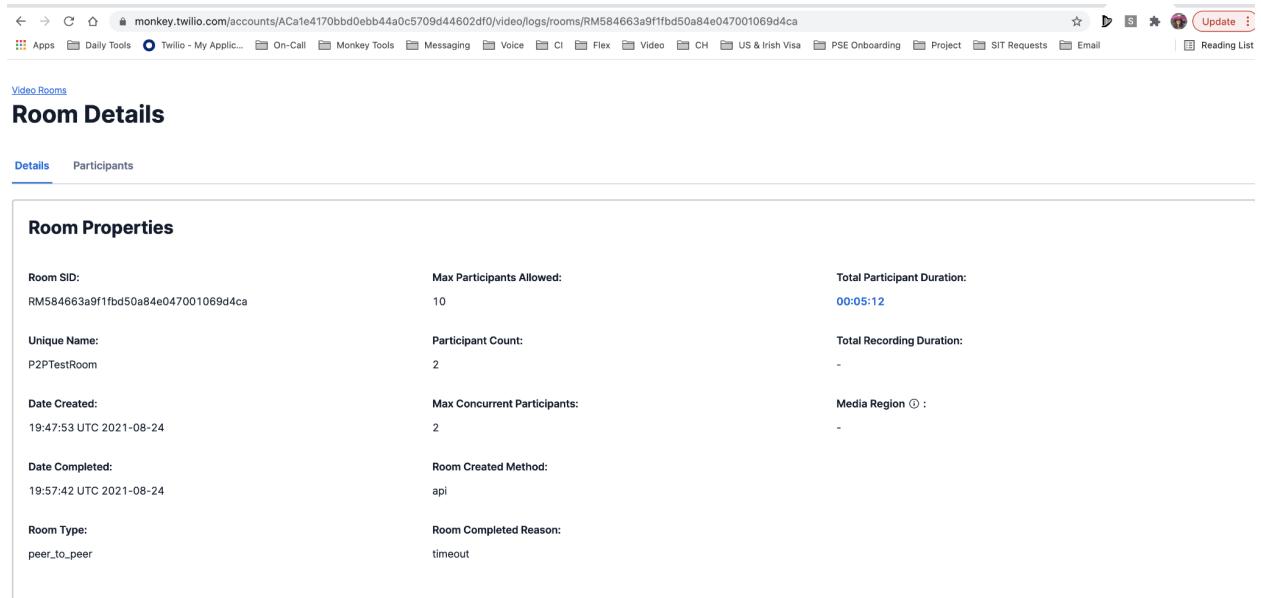
## Room Details

Details Participants

PARTICIPANT SID	PARTICIPANT IDENTITY	DURATION	PUBLISHED TRACKS	END REASON	JOIN TIME
PAf5c105f7113260a88b6571c7c5abf5	Dilek Demir	00:01:26	0	disconnected_via_api	18:31:27 UTC 2021-08-25
PA4c81ff843bcbbc67d5edbdeb1e8d1a2	Dee	00:02:01	2	disconnected_via_api	18:28:50 UTC 2021-08-25
PAfc74df616ca10133fd10acbcb1439af0	Ms.Guinness	00:00:21	1	disconnected_via_api	18:24:25 UTC 2021-08-25
PA25fae5cfdd4cc8028961809c805491cb	Dilay	00:14:12	2	disconnected_via_api	18:20:12 UTC 2021-08-25
PA013526519d2e4d8d6dc80ed8113caf	Efes	00:16:19	2	disconnected_via_api	18:18:07 UTC 2021-08-25
PA60c28aefc3d72a1c6141cacdd44d29b	Deniz	00:16:25	1	disconnected_via_api	18:17:59 UTC 2021-08-25
PA432c646870174183d8e84bea2b50543a	Dilay Demir	00:16:25	2	disconnected_via_api	18:17:09 UTC 2021-08-25
PA86a16b38e440fe1a41c348e161c04db3	Deniz Demir	00:00:26	1	disconnected_via_api	18:17:06 UTC 2021-08-25

## Explain the differences in output in a document in GH between Group rooms and P2P rooms

### Peer-To-Peer Room;

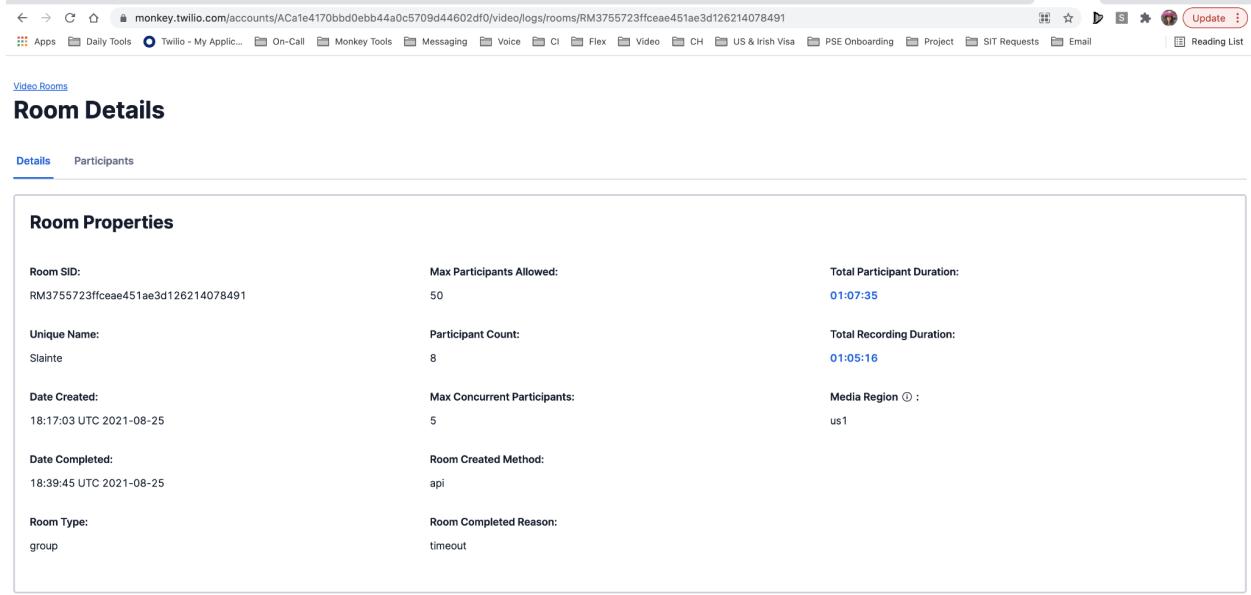


The screenshot shows the Twilio Video Rooms interface. At the top, there's a navigation bar with links like Apps, Daily Tools, Twilio - My Applic..., On-Call, Monkey Tools, Messaging, Voice, CI, Flex, Video, CH, US & Irish Visa, PSE Onboarding, Project, SIT Requests, Email, and Reading List. Below the navigation bar, the URL is monkey.twilio.com/accounts/ACa1e4170bbd0ebb44a0c5709d44602df0/video/logs/rooms/RM584663a9f1fb50a84e047001069d4ca. The main content area is titled "Room Details". There are two tabs: "Details" (which is selected) and "Participants". Under the "Details" tab, there's a section titled "Room Properties" with the following data:

Room SID:	Max Participants Allowed:	Total Participant Duration:
RM584663a9f1fb50a84e047001069d4ca	10	00:05:12
Unique Name:	Participant Count:	Total Recording Duration:
P2PTestRoom	2	-
Date Created:	Max Concurrent Participants:	Media Region :
19:47:53 UTC 2021-08-24	2	-
Date Completed:	Room Created Method:	
19:57:42 UTC 2021-08-24	api	
Room Type:	Room Completed Reason:	
peer_to_peer	timeout	

- The media is not intercepted in P2P Rooms.
- Recording is not supported
- PSTN dialing is not supported
- Track subscription is not supported
- Twilio only manages signalling in P2P rooms
- Participants are connected to each other directly
- Media traverse between participants (not through media server)
- End-To-End encrypted.
- Maximum participants can connect to P2P room is 10

## Group Room;



The screenshot shows the Twilio Video Rooms details page for a specific room. The URL in the address bar is `monkey.twilio.com/accounts/ACa1e4170bbd0ebb44a0c5709d44602df0/video/logs/rooms/RM3755723ffceae451ae3d126214078491`. The page title is "Room Details". There are two tabs at the top: "Details" (which is selected) and "Participants".

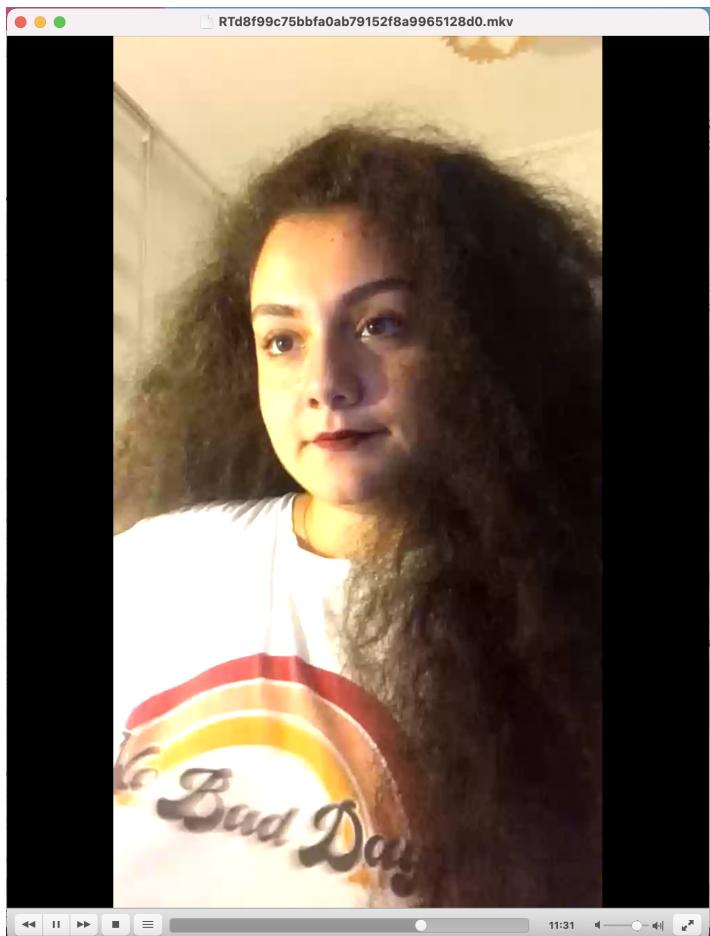
**Room Properties**

Room SID:	Max Participants Allowed:	Total Participant Duration:
RM3755723ffceae451ae3d126214078491	50	01:07:35
Unique Name:	Participant Count:	Total Recording Duration:
Slainte	8	01:05:16
Date Created:	Max Concurrent Participants:	Media Region :
18:17:03 UTC 2021-08-25	5	us1
Date Completed:	Room Created Method:	
18:39:45 UTC 2021-08-25	api	
Room Type:	Room Completed Reason:	
group	timeout	

- Participants publish their media to a Twilio Selective Forwarding Unit (SFU). An SFU is a Media Server that decrypts, processes, re-encrypts and routes the media tracks to the right destinations.
- Media is not E2E encrypted and SFU decrypts the media and keeps it in memory to process it.
- Recording is supported
- PSTN dialing is supported
- Maximum participants can connect to P2P room is 50

## Recordings

Download and Play an audio recording and a video recording.



A screenshot of a media library application. On the left, there's a sidebar with categories: LIBRARY (selected), MY COMPUTER, LOCAL NETWORK, and INTERNET. The LIBRARY section shows a 'Playlist' with 2 items and a 'Media Library'. The main area displays a 'Playlist' with two entries: 'RTd8f99c75bbfa0ab79152f8a9965128d0.mkv' (Duration: 16:16) and 'RTe1d58b1da12f80fbeea5f6b8d999905e.mka' (Duration: 14:10). A search bar is at the top right.

Review and compare with what is posted in

<https://monkey.twilio.com/accounts/ACa1e4170bbd0ebb44a0c5709d44602df0/video/logs/rooms?sid=RM3755723ffceae451ae3d126214078491>

Video Rooms

## Room Details

Details Participants

### Room Properties

Room SID:	Max Participants Allowed:	Total Participant Duration:
RM3755723ffceae451ae3d126214078491	50	01:07:35
Unique Name:	Participant Count:	Total Recording Duration:
Sainte	8	01:05:16
Date Created:	Max Concurrent Participants:	Media Region ⓘ :
18:17:03 UTC 2021-08-25	5	us1
Date Completed:	Room Created Method:	
18:39:45 UTC 2021-08-25	api	
Room Type:	Room Completed Reason:	
group	timeout	

## Compositions

**Audio-only Composition SID:** CJdfeffd60b3703f470796bc ed87b69da4

Room SID: RM3755723ffceae451ae3d126214078491

**Grid Composition SID:** CJa85c08c270d7c97152486fa05ee34213

Room SID: RM3755723ffceae451ae3d126214078491

Please upload your final Compositions to the GH repo.

# Programmable-Video Bot (Slack App)

## Task;

Type "help" into the @Programmable-Video Bot - an app you need to add in slack. Use the commands based on your own video logs based on SIDs from the video react demo app. Please use every command at least twice with various switches. Take screenshots and/or send the pop-out shareable (make sure you allow it) URLs; add these to the GH Repo and file.

## Help;

The screenshot shows a Slack message from the 'Programmable-Video Bot' channel. The message is a help command output. It includes a list of commands and their descriptions:

- ACaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa  
Accounts Default Room Settings, if set
- PAaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa  
Participant report including getStats, Room/Protocol track errors, codecs
- RMaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa  
Room summary report
- CAaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa [ all | summary (default) ] [ pretty-print ]  
Voice Participant report
- MTaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa  
Track report with bytes/packets sent, rtt, etc. and track events
- vms [help | ...]  
Video Media Server report
- vms2 [-h | ...]  
Streamer reports
- recordings [help | ...]  
Video Recordings report
- compositions [help | ...]  
Media Compositions report
- billing [-h | ...]  
Storage billing report
- help  
Displays this help information

Below the message is a text input field containing the command 'Message Programmable-Video Bot' and a toolbar with various text formatting and media icons.

## Account

ACa1e4170bbd0ebb44a0c5709d44602df0

The screenshot shows the Twilio Enterprise console interface. At the top, there is a search bar with the placeholder "Search Twilio-Enterprise" and a help icon. Below the search bar, the title "Programmable-Video Bot" is displayed with a dropdown arrow. The main content area has two tabs: "Messages" (selected) and "About".

**Messages**

A message from "Dilek Demir" at 3:22 PM is shown, containing the account SID "ACa1e4170bbd0ebb44a0c5709d44602df0". A reply from "bot" at 3:22 PM provides account information:

```
Account Info
Created On 2021-04-11T10:42:29.700+0000
Modified On 2021-08-27T09:38:04.229+0000
Adhoc Room enabled
Media Region us1
Room Timeout 300
Status Callback URL https://hookb.in/OeXjZPgzyKUqOdYYOXX POST
D
Video Codecs VP8,H264
Account Write Rate Limit 20
Participants Concurrent High 8
```

**About**

The "Account Info" section shows the following details:

Setting	Value
Alias	Video
Configuration	VS08a5dfbcaf08a64522713c99f6227a5
Turn	enabled
Record Participants on connect	enabled
Room Type	group
Status Callback Method	POST
Account Read Rate Limit	80
Rooms Concurrent High	6
Concurrent Max Limit	2000

Below the account info, a table titled "Recently created Rooms" is shown:

Index	Timestamp	room sid	room name	media region	room type	participants concurrent	status
1	timestamp	room sid	room name	media region	room type	participants concurrent	status
2	-----	-----	-----	-----	-----	-----	-----
2	2021-08-27T11:42:10.700Z	DMAE12Ae102260a0E4b4bE00c0e2C117E27	my cool room	us1	group	8	available

At the bottom, there is a message input field with the placeholder "Message Programmable-Video Bot" and a rich text editor toolbar.

Search Twilio-Enterprise

Programmable-Video Bot

Messages About

2000 Today New

Programmable-Video Bot APP 3:22 PM

Recently created Rooms

1	timestamp	room sid	room name	media region	room type	video
2						
3	2021-08-27T11:42:40.708Z	RM0f134c192269a05b4bf89c0c36117537	my-cool-room	us1	group	VP8,H264
4	2021-08-27T10:40:33.402Z	RMdb31e8a82cd8724bc21f64b2ff6ea9e	my-cool-room	us1	group	VP8,H264
5	2021-08-27T10:40:24.389Z	RM26b239b4b796ec936a74ac6110767543	my-cool-room	us1	group	VP8,H264
6	2021-08-27T10:40:13.535Z	RMbd92c5c1f71d1ddfb21d01fc6502822	my-cool-room	us1	group	VP8,H264
7	2021-08-27T10:40:09.934Z	RM526951efa879f8dc7ce08d5da2deb0ae	my-cool-room	us1	group	VP8,H264
8	2021-08-27T10:39:49.572Z	RM08a7f460c6461bd5d81591ceb3b66557	my-cool-room	us1	group	VP8,H264
9	2021-08-27T10:38:20.277Z	RMd5f98bdb4de1250884638dfe9491c626	my-cool-room	us1	group	VP8,H264
10	2021-08-27T10:38:16.593Z	RM9d425f0f38eb03410786c804b4f3c88e	my-cool-room	us1	group	VP8,H264
11	2021-08-27T10:38:11.719Z	RMb899537733c6dce873724fdbff5364f4	my-cool-room	us1	group	VP8,H264
12	2021-08-27T10:37:53.728Z	RM724ba1003f4619022762d5aff23688c7	my-cool-room	us1	group	VP8,H264
13	2021-08-27T10:37:50.111Z	RM5d144d9039f851687bd2dd00ae26ce86	my-cool-room	us1	group	VP8,H264
14	2021-08-27T10:37:44.674Z	RM4f9ef430253cf5a58f38ac65bf07836f	my-cool-room	us1	group	VP8,H264
15	2021-08-27T10:37:32.626Z	RM9d46d9a260fafb1d98587780c015b91	my-cool-room	us1	group	VP8,H264
16	2021-08-27T10:37:25.120Z	RM04c040d4ca23db5bf5c7d6ae0e214898	my-cool-room	us1	group	VP8,H264
17	2021-08-27T10:37:15.225Z	RM830825e199a238119cd382e2eb7ef6f0	my-cool-room	us1	group	VP8,H264
18	2021-08-27T10:33:07.353Z	RM5ed6aa43af1e9d143b6dee607d4ea273	my-cool-room	us1	group	VP8,H264
19	2021-08-27T10:32:18.422Z	RMd6e546c8e1c38c02edfeb69c0ee20c8	my-cool-room	us1	group	VP8,H264
20	2021-08-27T10:28:27.907Z	RM22ae21ab13ce90b8285613b6b9a0ae8f	my-cool-room	us1	group	VP8,H264
21	2021-08-27T10:28:08.513Z	RMb11701951f4c95aa22c558fd34fb6529	my-cool-room	us1	group	VP8,H264
22	2021-08-27T10:27:36.756Z	RM7c713abd4eb49e47c56f6fa204f868e	my-cool-room	us1	group	VP8,H264
23	2021-08-27T10:27:23.583Z	RM6419f8376bb0cd349953e97a5451f290	my-cool-room	us1	group	VP8,H264
24	2021-08-27T10:26:42.823Z	RM44822c29f4a07670203ad3930b50ae1b3	my-cool-room	us1	group	VP8,H264
25	2021-08-27T10:26:02.242Z	RMb71f77dd428dc58023400cd6b4c9bc6	my-cool-room	us1	group	VP8,H264
26	2021-08-27T10:25:56.583Z	RM6fd792ec0e92543d16d74af60fcf25c4e	my-cool-room	us1	group	VP8,H264
27	2021-08-27T10:25:38.413Z	RM1a42832f12cea5aed3e5e93323fe7106	my-cool-room	us1	group	VP8,H264
28	2021-08-27T10:25:02.478Z	RM2592a55b30ac9d61c08b30dbd8cd6574	my-cool-room	us1	group	VP8,H264
29	2021-08-27T10:24:30.747Z	RM18abae88c3413301b7f6a1c7389fa040	Chat1	us1	group	VP8,H264
30	2021-08-27T10:24:26.883Z	RMb853199dd0e84bdac1f62c70c742232c	Chat1	us1	group	VP8,H264
31	2021-08-27T10:22:24.298Z	RM28bf777ba3c9415fb034f9642d9a163f	RM28bf777ba3c9415fb034f9642d9a163f	us1	group	VP8,H264
32	2021-08-27T10:21:29.966Z	RMc274f3ab8fcbbf5edcf2eb02334933f3	RMc274f3ab8fcbbf5edcf2eb02334933f3	us1	group	VP8,H264
33	2021-08-27T10:19:11.008Z	RM2041f6c77fcba1f41292015c0e522adec2	RM2041f6c77fcba1f41292015c0e522adec2	us1	group	VP8,H264

Message Programmable-Video Bot

Aa @ 😊 🎁

## Participant SID

PA432c646870174183d8e84bea2b50543a

The screenshot shows a messaging interface with a dark header bar containing a search bar ('Search Twilio-Enterprise') and a help icon. Below the header is a navigation bar with tabs for 'Programmable-Video Bot' (selected), 'Messages' (with 2 notifications), and 'About'. The main content area displays a message from 'Dilek Demir' at 3:28 PM, which is a link to 'Participant Analysis for PA432c646870174183d8e84bea2b50543a'. Below this message is a detailed participant analysis table:

Participant Info	
Identity	RoomSid
Dilay%20Demir	RM3755723ffceae451ae3d12621407849
	1
AccountSid	Account Friendly Name
ACa1e4170bbd0ebb44a0c5709d44602df	None
0	
Country	City
Turkey	Istanbul
Start Time	End Time
2021-08-25T18:17:09.663Z	2021-08-25T18:33:35.599Z
Date Created	Date Update
2021-08-25T18:17:09.661Z	2021-08-25T18:33:35.599Z
Duration	Status
985	disconnected
Browser	Browser Version
Mobile%20Safari	14.1.2
Platform Name	Platform Version
iOS	14.7.1
Hardware Device Model	Hardware Device Manufacturer
None	None
Hardware Device Architecture	SDK Version
None	2.15.3
Video Codec	
VP8	

At the bottom of the interface is a message input field with placeholder text 'Message Programmable-Video Bot' and a toolbar with various rich-text editing icons (bold, italic, etc.).

## Participant Summary

The screenshot shows a Twilio Enterprise messaging interface. At the top, there's a search bar with the placeholder "Search Twilio-Enterprise". Below the search bar is a header with the title "Programmable-Video Bot" and a "Messages" tab selected. The main content area displays a participant summary report for a video bot. The report includes a timestamp of 3:28 PM and a "Today" dropdown. The summary text is as follows:

```
1 | Summary for Room: Slainte | RM3755723ffceae451ae3d126214078491 | ACale4170bbd0ebb44a0c5709d44602df0
2 | Topology: group | Adhoc: False | TURN: True | Recording on Connect: True | Video Codecs: H264,VP8 | Media Region: us1
3 | VMS: VM2bbcadc574ad5ab8cc1cb59e9f5047b0
4 | Participants:
5 | P1: PA432c646870174183d8e84bea2b50543a | CAfcfc3b57c8bb0d4fa38c8f9c9ebbe2f6 | Dilay Demir | unified | jsdk 2.15.3 | Mobile Safari 14.1.2
6 | 2021-08-25T18:17:09.661Z: P1 sent connect with audio + video tracks
7 | 2021-08-25T18:17:09.661Z: P1 sent offer for peer connection id cfaa10ef-3dbb-4048-a464-a1237ae48f8e revision: 1
8 | 2021-08-25T18:17:09.661Z: P1 requests active_speaker, network_quality, render_hints, track_priority, track_switch_off
9 | 2021-08-25T18:17:09.661Z: P1 requests video bandwidth profile with active speaker priority: standard, mode as collaboration, maximum subscription bandwidth: 2500000
10 | 2021-08-25T18:17:09.663Z: P1 updated subscribe rules: { include all }
11 | 2021-08-25T18:17:09.687Z: P1 received connected
12 | 2021-08-25T18:17:09.687Z: P1 received answer for peer connection id cfaa10ef-3dbb-4048-a464-a1237ae48f8e revision: 1
13 | 2021-08-25T18:17:09.687Z: P1 received track_priority : d8c119c3-de00-438d-8060-0087222cb413, active_speaker : e2569a76-e2eb-4430-9b16-43d7d8f5184e, render_hints : 8abb80cd-e49c-4397-afe8-5e5691fc7828, track_switch_off : 49848909-bb18-41a3-b19e-fa79bb0c9040, network_quality : 187c1662-d59b-4311-be46-937a2d9fd0ea
14 | 2021-08-25T18:17:09.687Z: P1 is connected with media region us1, signaling region de1, and session timeout 30
15 | 2021-08-25T18:17:09.688Z: P1 received offer for peer connection id cfaa10ef-3dbb-4048-a464-a1237ae48f8e revision: 2
16 | 2021-08-25T18:17:10.604Z: P1 published audio: 2eeb419f-cffb-4dd5-a3dc-5dae1406d310 / MTa95d2b3fe511076186cb6d8548cc048e revision: 2 priority: standard
17 | 2021-08-25T18:17:10.604Z: P1 published video: camera-1629915424269 / MTbf4d4a24f9813b9010db256631e62a7e revision: 2 priority: low
18 | 2021-08-25T18:17:11.180Z: P1 sent ice complete for peer connection id cfaa10ef-3dbb-4048-a464-a1237ae48f8e with no ice candidates (could be in SDP) revision: 1
19 | 2021-08-25T18:17:11.872Z: [ice_connection_state_change] for P1 with state FAILED
20 | 2021-08-25T18:17:11.929Z: [ice_connection_state_change] for P1 with state CONNECTED
21 | 2021-08-25T18:17:11.929Z: [ice_connection_state_change] for P1 with state COMPLETED
22 | 2021-08-25T18:17:11.937Z: P1 sent answer for peer connection id cfaa10ef-3dbb-4048-a464-a1237ae48f8e revision: 2
23 | 2021-08-25T18:17:13.591Z: P1 subscribed: MTa88e107a8c2cb31c8662de2dcc8c495 revision: 1
24 | 2021-08-25T18:17:13.591Z: P1 received offer for peer connection id cfaa10ef-3dbb-4048-a464-a1237ae48f8e revision: 3
25 | 2021-08-25T18:17:14.716Z: P1 sent answer for peer connection id cfaa10ef-3dbb-4048-a464-a1237ae48f8e revision: 3
26 | 2021-08-25T18:17:32.666Z: P1 received offer for peer connection id cfaa10ef-3dbb-4048-a464-a1237ae48f8e revision: 4
27 | 2021-08-25T18:17:32.666Z: P1 unsubscribed from: MTa88e107a8c2cb31c8662de2dcc8c495 revision: 2
28 | 2021-08-25T18:17:34.136Z: P1 sent answer for peer connection id cfaa10ef-3dbb-4048-a464-a1237ae48f8e revision: 4
29 | 2021-08-25T18:17:59.096Z: P1 received offer for peer connection id cfaa10ef-3dbb-4048-a464-a1237ae48f8e revision: 5
30 | 2021-08-25T18:17:59.096Z: P1 subscribed: MT5d35fa954a4239eaa582a8836b5e7645 revision: 3
31 | 2021-08-25T18:18:01.570Z: P1 sent_answer_for_peer_connection_id_cfaa10ef-3dbb-4048-a464-a1237ae48f8e revision: 5
```

Below the summary text, there's a message input field with the placeholder "Message Programmable-Video Bot" and a toolbar with various text formatting options like bold, italic, and underline.

## Error Summary/Track Events/ Selected ICE Candidate Pair

The screenshot shows the Twilio Enterprise console interface with the following sections:

- Programmable-Video Bot** (Messages tab selected):
  - Programmable-Video Bot** (APP 3:28 PM):
    - Participant Summary Report:
      - Summary for Room: Slainte | RM3755723ffceae451ae3d126214078491 | ACa1e4170bbd0ebb44a0c5709d44602df0
      - Topology: group | Adhoc: False | TURN: True | Recording on Connect: True | Video Codecs: H264,VP8 | Media Region: us1
      - VMS: VM2bbcadc574ad5ab8cc1cb59e9f5047b0
      - Participants:
        - P1: PA432c646870174183d8e84bea2b50543a | CAfcc3b57c8bb0d4fa38c8f9c9ebef2f6 | Dilay Demir | unified | jsdk 2.15.3 | Mobile Safari 14.1.2
    - Error Summary Report:

timestamp	message	sid
2021-08-25T18:17:11.872Z	Ice Failure	PA432c646870174183d8e84bea2b50543a
    - Track Events:
      - bot** (APP 3:28 PM):
        - Selected active-ice-candidate-pair:

direction	type	ip	port
remote	host	12850	
local	prflx	20558	
    - Group Room ice events:

timestamp	ice state
2021-08-25T18:17:12.217085Z	DTLS connection established
2021-08-25T18:17:11.872Z	FAILED
2021-08-25T18:17:11.929Z	CONNECTED
2021-08-25T18:17:11.929Z	COMPLETED
    - Message Programmable-Video Bot:
      - Text input field with rich text editor icons.
      - Send button and other message controls.

## Group Room ICE Events - VSG Events

The screenshot shows the Twilio Enterprise interface with the following details:

- Programmable-Video Bot** (About)
- Messages** tab selected.
- Group Room ice events:**

timestamp	ice state
2021-08-25T18:17:12.217085Z	DTLS connection established
2021-08-25T18:17:11.872Z	FAILED
2021-08-25T18:17:11.929Z	CONNECTED
2021-08-25T18:17:11.929Z	COMPLETED
- VSG events for PA432c646870174183d8e84bea2b50543a** (APP) 3:28 PM
  - Room Name: Slainte | Sid: RM3755723ffceae451ae3d126214078491 | Account Sid: ACale4170bbd0ebb44a0c5709d44602df0
  - Call Sid: CAfcfc3b57c8bb0d4fa38c8f9c9ebef2f6 | Participant Sid: PA432c646870174183d8e84bea2b50543a | Identity: Dilay
  - Region: de1
  - 2021-08-25T18:17:08.947Z: INITIAL to AUTHENTICATING on event room-info-ws-request
  - 2021-08-25T18:17:09.32Z: AUTHENTICATING to ICING on event authentication-event: {"success":true}
  - 2021-08-25T18:17:09.504Z: ICING to ICED on event ice-event: {"ice\_servers":[{"urls":"turn:frankfurt.turn.twilio.com:3478?transport=udp","username":"3bcaae61964a368ce141832ebb77513e13337fc16003674a849fe2a6845083c"}, {"urls":"turns:frankfurt.turn.twilio.com:443?transport=tcp","username":"3bcaae61964a368ce141832ebb77513e13337fc16003674a849fe2a6845083c"}], "success":true}
  - 2021-08-25T18:17:09.611Z: ICED to CONNECTING on event room-info-ws-request
  - 2021-08-25T18:17:09.71Z: CONNECTING to CONNECTING on event room-info
  - 2021-08-25T18:17:09.82Z: CONNECTING to CONNECTED on event server-connected-event
  - 2021-08-25T18:21:72Z: CONNECTED to RECONNECTING on event connection-closed-event: {"reason":"TIMEOUT", "close\_status":-1}
  - 2021-08-25T18:31:39.56Z: INITIAL to AUTHENTICATING on event room-info-ws-request
  - 2021-08-25T18:31:39.93Z: AUTHENTICATING to SYNCING on event authentication-event: {"success":true}
  - 2021-08-25T18:31:40.02Z: SYNCING to SYNCING on event room-info
  - 2021-08-25T18:31:40.12Z: SYNCING to CONNECTED on event server-synced-event
  - 2021-08-25T18:31:52.76Z: RECONNECTING to FINISHED on event state-timeout-event
  - 2021-08-25T18:33:35.553Z: DISCONNECTING to FINISHED on event connection-closed-event: {"reason":"REMOTE", "close\_status":-1}
  - 2021-08-25T18:33:35.553Z: CONNECTED to DISCONNECTING on event room-info-ws-request
- Message Programmable-Video Bot** (About)

## Room SID

RM3755723ffceae451ae3d126214078491

The screenshot shows the Twilio Enterprise interface with a room analysis summary.

**Room Info:**

AccountSid	ACa1e4170bbd0ebbd44a0c5709d44602df	Created On	2021-08-25 18:17:03.978
Ended On	2021-08-25 18:39:45.517	Room Name	Slainte
VideoMediaServerSid	VM2bbcadc574ad5ab8cc1cb59e9f5047b0	Status Callback	POST <a href="https://webhook.site/3398e65a-a7a5-4ee3-85da-7153b9a3634b">https://webhook.site/3398e65a-a7a5-4ee3-85da-7153b9a3634b</a>
Room Type	group	Unique Participants	8
Unique Identities	8	Turn Enabled	True
Recordings Enabled	True	IsAdhoc	False
Completed via REST API	No	Media Region	us1
Video Codecs	H264, VP8	Status	completed
Duration (seconds)	1361	Maximum Participants	50

**Participants Info:**

index	joined (UTC)	left (UTC)	sid	identity	ICE	published	subscribed
1	2021-08-25 18:17:06.245	2021-08-25 18:17:32.659	PA86a16b38e440fe1a41c348e161c04db3	Deniz Demir	YES	YES	YES
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	2021-08-25 18:17:09.663	2021-08-25 18:33:35.599	PA432c646870174183d8e84bea2b50543a	Dilay Demir	YES	YES	YES
5	2021-08-25 18:17:59.079	2021-08-25 18:34:24.479	PA60c28afeec3d72a1c6141coaddr44d29b	Deniz	YES	YES	YES
6	2021-08-25 18:18:07.406	2021-08-25 18:34:26.611	PA13526519d2e448d6dc8f0e8113fcfa	Efes	YES	YES	YES
7	2021-08-25 18:20:12.186	2021-08-25 18:34:24.921	PA25fae5cfda4c9c8028961809c805491cb	Dilay	YES	YES	YES
8	2021-08-25 18:24:25.191	2021-08-25 18:24:47.188	PA6fc74df616ca10133fd10acbc1439af0	Ms. Guinness	YES	YES	YES
9	2021-08-25 18:28:50.750	2021-08-25 18:30:52.406	PA4c81ff843bc6d67d5edbdbe1e8d1a2	Dee	YES	YES	YES
10	2021-08-25 18:31:27.972	2021-08-25 18:32:54.169	PAfc5c105f7113260a88b6571c7c5abf5	Dilek Demir	YES	YES	YES

**Message:** Message Programmable-Video Bot

## Participants Info

The screenshot shows the Twilio Enterprise interface with participant information.

**Participants Info:**

index	joined (UTC)	left (UTC)	sid	identity	ICE	published	subscribed
1	2021-08-25 18:17:06.245	2021-08-25 18:17:32.659	PA86a16b38e440fe1a41c348e161c04db3	Deniz Demir	YES	YES	YES
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	2021-08-25 18:17:09.663	2021-08-25 18:33:35.599	PA432c646870174183d8e84bea2b50543a	Dilay Demir	YES	YES	YES
5	2021-08-25 18:17:59.079	2021-08-25 18:34:24.479	PA60c28afeec3d72a1c6141coaddr44d29b	Deniz	YES	YES	YES
6	2021-08-25 18:18:07.406	2021-08-25 18:34:26.611	PA13526519d2e448d6dc8f0e8113fcfa	Efes	YES	YES	YES
7	2021-08-25 18:20:12.186	2021-08-25 18:34:24.921	PA25fae5cfda4c9c8028961809c805491cb	Dilay	YES	YES	YES
8	2021-08-25 18:24:25.191	2021-08-25 18:24:47.188	PA6fc74df616ca10133fd10acbc1439af0	Ms. Guinness	YES	YES	YES
9	2021-08-25 18:28:50.750	2021-08-25 18:30:52.406	PA4c81ff843bc6d67d5edbdbe1e8d1a2	Dee	YES	YES	YES
10	2021-08-25 18:31:27.972	2021-08-25 18:32:54.169	PAfc5c105f7113260a88b6571c7c5abf5	Dilek Demir	YES	YES	YES

## **Room Summary Info**

<https://twilio.enterprise.slack.com/files/WJ2S02S02/F02CLTQS6F5/rm3755723ffceae451ae3d126214078491-summary.log>

## **Error Summary Report**

<https://twilio.enterprise.slack.com/files/WJ2S02S02/F02CLTQS6F5/rm3755723ffceae451ae3d126214078491-summary.log>

## **Dimensions Width (downsampling)**

<https://twilio.enterprise.slack.com/files/WJ2S02S02/F02DAAUR4KA/rm3755723ffceae451ae3d126214078491-downsampling.txt>

## **Round Trip Time (RTT client)**

<https://twilio.enterprise.slack.com/files/WJ2S02S02/F02CE00HVSA/rm3755723ffceae451ae3d126214078491-rtt.txt>

## **Video Media Server Send/Receive Bandwidth**

<https://twilio.enterprise.slack.com/files/WJ2S02S02/F02CLTR4Z0B/rm3755723ffceae451ae3d126214078491-bw.txt>

## **Track Info Summary Report**

[https://twilio.enterprise.slack.com/files/WJ2S02S02/F02CSTU628L/rm3755723ffceae451ae3d126214078491-track\\_infos.txt](https://twilio.enterprise.slack.com/files/WJ2S02S02/F02CSTU628L/rm3755723ffceae451ae3d126214078491-track_infos.txt)

## **Local Tracks lost Summary Report**

[https://twilio.enterprise.slack.com/files/WJ2S02S02/F02CSTU8NHJ/rm3755723ffceae451ae3d126214078491-local\\_tracks.txt](https://twilio.enterprise.slack.com/files/WJ2S02S02/F02CSTU8NHJ/rm3755723ffceae451ae3d126214078491-local_tracks.txt)

## Remote Tracks lost Summary Report

[https://twilio.enterprise.slack.com/files/WJ2S02S02/F02CSTU95HA/rm3755723ffceae451ae3d126214078491-remote\\_tracks.txt](https://twilio.enterprise.slack.com/files/WJ2S02S02/F02CSTU95HA/rm3755723ffceae451ae3d126214078491-remote_tracks.txt)

## Call SID

3:35 Room Summary Report ▾

```
1 Summary for Room: Slainte | RM3755723ffceae451ae3d126214078491 | ACa1e4170bbd0ebb44a0c5709d44602df0
2 Topology: group | Adhoc: False | TURN: True | Recording on Connect: True | Video Codecs: H264,VP8 | Media Region: us
3 VMS: VM2bbcadc574ad5ab8cc1cb59e9f5047b0
4 Participants:
5 P1: PA86a16b38e440fe1a41c348e161c04db3 | CA52d6a944a12de6971944bcc4043258df | Deniz Demir | unified | jsdk 2.15.3 | Mobile Safari 14.1.2
6 P2: PA432c646870174183d8e84bea2b50543a | CAfcfc3b57c8bb0d4fa38c8f9c9eb0e2f6 | Dilay Demir | unified | jsdk 2.15.3 | Mobile Safari 14.1.2
7 P3: PAD60c28fec3d72a1c6141caccd44d29b | CA49a39c228b6a1a7473948f40f86f8536 | Deniz | unified | jsdk 2.15.3 | Mobile Safari 14.1.2
8 P4: PAAd13526519d2e4d8d6dc8f0ed8113fc0af | CAad38828e6a1fdaf9954f9fd4f9bf1f9de | Efes | unified | jsdk 2.15.3 | Chrome 92.0.4515
9 P5: PAZ5fae5cf4c9c8028961809c805491cb | CA577cba51df0304b436f5693f0f4b8c2f | Dilay | unified | jsdk 2.15.3 | Chrome 92.0.4515
10 P6: PA6fc74df616ca10133fd10acbc1439af0 | CAC7671a0073d8dba54b49e4b6f5e51a1 | Ms.Guinness | unified |
11 P7: PA4c81ff843bcd67d5edb0be1e8d1a2 | CA02dd48e27887b0b2f802187b618abfb8 | Dee | planb | android 6.3.1 / 11
12 P8: PAfc5c105f7113260a88b6571c7c5abf5 | CA1c088f260d56fc33dbe95a3beb84a17 | Dilek Demir | planb | ios 4.4.0 / 14.4
13 2021-08-25T18:17:03.977Z: [add_labeled_room]
```

CAfcfc3b57c8bb0d4fa38c8f9c9eb0e2f6

Dilek Demir 4:01 PM  
CAfcfc3b57c8bb0d4fa38c8f9c9eb0e2f6

Programmable-Video Bot APP 4:01 PM  
Room info report ▾

```
1 Room Name: Slainte | Sid: RM3755723ffceae451ae3d126214078491 | Account Sid: None
2 Call Sid: CAfcfc3b57c8bb0d4fa38c8f9c9eb0e2f6 | Participant Sid: PA432c646870174183d8e84bea2b50543a | Identity: None
3
```

Message Programmable-Video Bot

Aa @ ⊕ ⊖ ► ▾

# CAc7671a0073d8dba54b49e4b6f5e551a1



Dilek Demir 4:03 PM

CAc7671a0073d8dba54b49e4b6f5e551a1

Today ▾



Programmable-Video Bot APP 4:03 PM

Video Voice signaling summary report ▾

```
1 Room Name: Slainte | Sid: RM3755723ffceae451ae3d126214078491 | Account Sid: ACa1e4170bbd0ebb44a0c5709d44602df0
2 Call Sid: CAc7671a0073d8dba54b49e4b6f5e551a1 | Participant Sid: PA6fc74df616ca10133fd10acbc1439af0 | Identity: Ms.Guinness
3 Mixer Session Id: 351d5e92-f4f9-444d-b829-745b57c75ac3 | Transcode Session Id: 70fb26a-e832-494c-acc2-f347789a27af
4 Monkey: https://monkey.twilio.com/calls/CAc7671a0073d8dba54b49e4b6f5e551a1
5 2021-08-25T18:24:25.075Z: INITIAL to CREATE_TRANSCODE_SESSION on event connect-voice-participant-event
6 2021-08-25T18:24:25.086Z: CREATE_TRANSCODE_SESSION to CONNECT_TRANSCODE_SESSION_LEG on event transcode-media-function-result
7 2021-08-25T18:24:25.138Z: CONNECT_TRANSCODE_SESSION_LEG to UPDATE_TRANSCODE_SESSION_WITH_ANSWER on event transcode-session-connected-event
8 2021-08-25T18:24:25.141Z: UPDATE_TRANSCODE_SESSION_WITH_ANSWER to CREATE_ROOM_PARTICIPANT on event transcode-media-function-result
9 2021-08-25T18:24:25.173Z: CREATE_ROOM_PARTICIPANT to CREATE_ROOM_PARTICIPANT on event create-room-participant-event
10 2021-08-25T18:24:25.213Z: CREATE_ROOM_PARTICIPANT to CONNECT_ROOM_PARTICIPANT_LEG on event room-info-and-host
11 2021-08-25T18:24:25.213Z: CONNECT_ROOM_PARTICIPANT_LEG to CREATE_MIXER_OUTPUT_SESSION on event connect-mixer-output-event
12 2021-08-25T18:24:25.719Z: CREATE_MIXER_OUTPUT_SESSION to VOICE_PARTICIPANT_CONNECTED on event connected-mixer-output-event
13 2021-08-25T18:24:25.734Z: VOICE_PARTICIPANT_CONNECTED to VOICE_PARTICIPANT_CONNECTED on event room-info
14 2021-08-25T18:24:25.735Z: VOICE_PARTICIPANT_CONNECTED to VOICE_PARTICIPANT_CONNECTED on event voice-participant-re-invite-event
15 2021-08-25T18:24:25.735Z: VOICE_PARTICIPANT_CONNECTED to VOICE_PARTICIPANT_CONNECTED on event update-mixer-input-event
16 2021-08-25T18:24:25.736Z: VOICE_PARTICIPANT_CONNECTED to VOICE_PARTICIPANT_CONNECTED on event update-room-participant-event
17 2021-08-25T18:24:25.736Z: VOICE_PARTICIPANT_CONNECTED to VOICE_PARTICIPANT_CONNECTED on event updated-mixer-input-event
18 2021-08-25T18:24:25.736Z: VOICE_PARTICIPANT_CONNECTED to VOICE_PARTICIPANT_CONNECTED on event update-mixer-input-event
19 2021-08-25T18:24:25.739Z: VOICE_PARTICIPANT_CONNECTED to VOICE_PARTICIPANT_CONNECTED on event transcode-media-function-result
20 2021-08-25T18:24:25.739Z: VOICE_PARTICIPANT_CONNECTED to VOICE_PARTICIPANT_CONNECTED on event update-mixer-output-event
21 2021-08-25T18:24:26.255Z: VOICE_PARTICIPANT_CONNECTED to VOICE_PARTICIPANT_CONNECTED on event updated-mixer-output-event
22 2021-08-25T18:24:26.255Z: VOICE_PARTICIPANT_CONNECTED to VOICE_PARTICIPANT_CONNECTED on event update-mixer-input-event
23 2021-08-25T18:24:26.255Z: VOICE_PARTICIPANT_CONNECTED to VOICE_PARTICIPANT_CONNECTED on event updated-mixer-input-event
24 2021-08-25T18:24:26.256Z: VOICE_PARTICIPANT_CONNECTED to VOICE_PARTICIPANT_CONNECTED on event updated-mixer-input-event
25 2021-08-25T18:24:47.176Z: VOICE_PARTICIPANT_CONNECTED to VOICE_PARTICIPANT_CONNECTED on event voice-participant-re-invite-event
26 2021-08-25T18:24:47.179Z: VOICE_PARTICIPANT_CONNECTED to VOICE_PARTICIPANT_CONNECTED on event transcode-media-function-result
27 2021-08-25T18:24:47.182Z: VOICE_PARTICIPANT_CONNECTED to VOICE_PARTICIPANT_CONNECTED on event update-mixer-output-event
28 2021-08-25T18:24:47.183Z: VOICE_PARTICIPANT_CONNECTED to VOICE_PARTICIPANT_CONNECTED on event updated-mixer-output-event
29 2021-08-25T18:24:47.188Z: VOICE_PARTICIPANT_CONNECTED to FINISHED on event room-info
30
```

Message Programmable-Video Bot

# Track SID

MTa95d2b3fe511076186cb6d8548cc048e

The screenshot shows a Twilio Enterprise interface with a search bar at the top. Below it, a navigation bar includes a 'Programmable-Video Bot' dropdown, 'Messages' (selected), and 'About'. A 'Track Info Summary Report' is displayed, filtered by 'Today'. The report table has columns: participant\_sid, track, type, codec, lost, sent, rcvd, b\_sent, and b\_rcvd. The data in the table is as follows:

1	participant_sid fr w h	track	type	codec	lost	sent	rcvd	b_sent	b_rcvd
2									
3	PAd13526519d2e4d8d6dc8f0ed8113fcfa	MT08991346c5db5ecc8db1d981b634ef93	local	VP8	1803	253290		263051610	
4	22 1280 720								
5	PAd13526519d2e4d8d6dc8f0ed8113fcfa	MTa95d2b3fe511076186cb6d8548cc048e	remote	opus	149	22398		798317	
6	640 360								
7	PAd13526519d2e4d8d6dc8f0ed8113fcfa	MTbf4d4a24f9813b9010db256631e62a7e	remote	VP8	160			8497	9160876
8	720 1280								
9	PAd13526519d2e4d8d6dc8f0ed8113fcfa	MT723b83cb8a5703d31b3d3aff7f6f84e43	remote	VP8	2985			126355	135413876
10	640 360								
11	PAd13526519d2e4d8d6dc8f0ed8113fcfa	MT9ce7c7432199097c3016e38bc88ff78a	remote	opus	186			18454	672443
12	720 1280								
13	PAd13526519d2e4d8d6dc8f0ed8113fcfa	MT6f13b48c0ceb2fa3ffec834b5c273961	remote	VP8	1			9944	10353778
14	360 480								
15	PAd13526519d2e4d8d6dc8f0ed8113fcfa	MTa80c155fa7854fe7171f80e330b53e73	remote	opus	14			383	7139
16	720 1280								
17	PAd13526519d2e4d8d6dc8f0ed8113fcfa	MTba87adf46a73532e41501ea809f1ade3	remote	VP8	8			1225	953738
18	320 180								
19	PAd60c28afec3d72a1c6141cacdd44d29b	MT6f13b48c0ceb2fa3ffec834b5c273961	local	VP8				11280	11482180
20	MT08991346c5db5ecc8db1d981b634ef93		remote	VP8	63			33343	33031322
21	320 180								
22	PAd60c28afec3d72a1c6141cacdd44d29b	MTd387f296e4fefef049c8a2a7f08738b0	remote	opus	25			14183	519474
23	720 1280								
24	PAd60c28afec3d72a1c6141cacdd44d29b	MTa95d2b3fe511076186cb6d8548cc048e	remote	opus	0			0	0
25	0 0								
26	PAd60c28afec3d72a1c6141cacdd44d29b	MTbf4d4a24f9813b9010db256631e62a7e	remote	VP8	0			0	0
27	480 640								

Below the table, a message from 'Programmable-Video Bot' is shown, followed by a rich text editor and a toolbar.

**Dilek Demir** ● 4:06 PM  
MTa95d2b3fe511076186cb6d8548cc048e

**bot** APP 4:06 PM  
Information for track MTa95d2b3fe511076186cb6d8548cc048e

Track Info	
AccountId	RoomSid
ACa1e4170bbd0ebb44a0c5709d44602df	RM3755723ffceae451ae3d12621407849
0	1
ParticipantSid	ID
PA432c646870174183d8e84bea2b50543	7018f91c-3e7a-46b1-aeb9-
a	20185f378472
Type	Codec
localAudioTrack	opus
Bytes Sent	Packets Sent
261919	10163
Packets Lost	RTT
Unknown	709
Audio Level	Jitter
Unknown	Unknown

**Programmable-Video Bot** APP 4:06 PM  
Track Events ▾

	event	enabled	priority	timestamp
1	connected with track	True	standard	2021-08-25T18:17:09.687Z
4	disabled track	False	standard	2021-08-25T18:20:18.688Z
5	removed track			2021-08-25T18:33:35.601Z

Message Programmable-Video Bot
 

Aa @ 😊 🎧 ↻

MT08991346c5db5ecc8db1d981b634ef93

**Dilek Demir** ● 4:07 PM  
MT08991346c5db5ecc8db1d981b634ef93

**bot** APP 4:07 PM  
Information for track MT08991346c5db5ecc8db1d981b634ef93

Track Info	
AccountId	RoomSid
ACa1e4170bbd0ebb44a0c5709d44602df	RM3755723ffceae451ae3d12621407849
0	1
ParticipantSid	ID
PAd13526519d2e4d8d6dc8f0ed8113fcfa	c4f93597-2ed3-4a6b-991a-72e81d097f15
Type	Codec
localVideoTrack	VP8
Bytes Sent	Packets Sent
1552181	3150
Packets Lost	RTT
Unknown	0
Dimensions	Frame Rate
Unknown	Unknown

**Programmable-Video Bot** APP 4:07 PM  
Track Events ▾

	event	enabled	priority	timestamp
1	connected with track	True	standard	2021-08-25T18:18:07.425Z
4	removed track			2021-08-25T18:34:26.612Z

# VMS

Dilek Demir 4:08 PM  
vms

Programmable-Video Bot APP 4:08 PM  
usage: vms [-h] ▾

```
1   (--vms-sid VMS_SID | --room-sid ROOM_SID | --participant-sid PARTICIPANT_SID | --track-sid TRACK_SID | --recording-sid
RECORDING_SID)
2   [--all] [--session] [--ice] [--track] [--recording] [--diagnose]
3   [--vms-logs | --vms-logs-diagnose VMS_LOGS_DIAGNOSE]
4
5 optional arguments:
```

Message Programmable-Video Bot

Dilek Demir 4:10 PM  
vms --room-sid RM3755723ffceae451ae3d126214078491

Programmable-Video Bot APP 4:10 PM  
Session for Room: RM3755723ffceae451ae3d126214078491 ▾

```
1 -----
2 | Account: ACa1e4170bbd0ebb44a0c5709d44602df0
3 | VMS: VM2bbcadc574ad5ab8cc1cb59e9f5047b0
4 | Host: H01a4bf14470e92b3cfb9a68462b7cb98b
5 | Region: us-east-1
6 -----
7     2021-08-25T18:17:06.256537Z - VMS process created
8     2021-08-25T18:40:46.029778Z - VMS process terminated
```

Message Programmable-Video Bot

Dilek Demir 4:23 PM  
vms --vms-sid VM2bbcadc574ad5ab8cc1cb59e9f5047b0

Programmable-Video Bot APP 4:23 PM  
Session for VMS: VM2bbcadc574ad5ab8cc1cb59e9f5047b0 ▾

```
1 -----
2 | Account: ACa1e4170bbd0ebb44a0c5709d44602df0
3 | Room: RM3755723ffceae451ae3d126214078491
4 | Host: H01a4bf14470e92b3cfb9a68462b7cb98b
5 | Region: us-east-1
6 -----
7     2021-08-25T18:17:06.256537Z - VMS process created
8     2021-08-25T18:40:46.029778Z - VMS process terminated
```

Message Programmable-Video Bot

**Dilek Demir** 4:25 PM  
vms --room-sid RM3755723ffceae451ae3d126214078491

**Programmable-Video Bot** APP 4:25 PM  
Session for Room: RM3755723ffceae451ae3d126214078491 ▾

```
1 -----  
2 | Account: ACa1e4170bbd0ebb44a0c5709d44602df0  
3 | VMS: VM2bbcadc574ad5ab8cc1cb59e9f5047b0  
4 | Host: H01a4bf14470e92b3cfb9a68462b7cb98b  
5 | Region: us-east-1  
6 -----  
7 2021-08-25T18:17:06.256537Z - VMS process created  
8 2021-08-25T18:40:46.029778Z - VMS process terminated
```

Message Programmable-Video Bot

Compose

## Recordings

**Dilek Demir** 4:31 PM  
recordings --room-sid RM3755723ffceae451ae3d126214078491

**Programmable-Video Bot** APP 4:31 PM  
Recording for Room: RM3755723ffceae451ae3d126214078491 ▾

```
1 -----  
2 | Account: ACa1e4170bbd0ebb44a0c5709d44602df0  
3 | VMS: VM2bbcadc574ad5ab8cc1cb59e9f5047b0  
4 | Host: H01a4bf14470e92b3cfb9a68462b7cb98b  
5 | Region: us-east-1  
6 -----  
7 2021-08-25T18:17:06.327928Z - Recording rules changed  
8 Participant: PA432c646870174183d8e84bea2b50543a  
9 Track: MTbf4d4a24f9813b9010db256631e62a7e  
10 -----  
11 | Recording: RTd8f99c75bbfa0ab79152f8a9965128d0  
12 | Codec: video/VP8  
13 -----  
14 2021-08-25T18:17:09.681413Z - Recording started  
15 2021-08-25T18:17:12.481281Z - Decodable state changed
```

Message Programmable-Video Bot

Compose

[https://twilio.enterprise.slack.com/files/WJ2S02S02/F02DAJU347J/recording\\_for\\_room\\_rm3755723ffceae451ae3d126214078491.txt](https://twilio.enterprise.slack.com/files/WJ2S02S02/F02DAJU347J/recording_for_room_rm3755723ffceae451ae3d126214078491.txt)

**Dilek Demir** 3:50 PM  
recordings --participant-sid PA432c646870174183d8e84bea2b50543a

**Programmable-Video Bot** APP 3:50 PM  
Recording for Participant: PA432c646870174183d8e84bea2b50543a ▾

```
1 -----  
2 | Account: ACa1e4170bbd0ebb44a0c5709d44602df0  
3 | Room: RM3755723ffceae451ae3d126214078491  
4 | VMS: VM2bbcadc574ad5ab8cc1cb59e9f5047b0  
5 | Host: H01a4bf14470e92b3cfb9a68462b7cb98b
```

[https://twilio.enterprise.slack.com/files/WJ2S02S02/F02D10GHTFY/recording\\_for\\_participant\\_pa432c646870174183d8e84bea2b50543a.txt](https://twilio.enterprise.slack.com/files/WJ2S02S02/F02D10GHTFY/recording_for_participant_pa432c646870174183d8e84bea2b50543a.txt)

 **Dilek Demir**  4:00 PM  
recordings --recording-sid RTd8f99c75bbfa0ab79152f8a9965128d0

 **Programmable-Video Bot**  4:00 PM  
Recording for Recording: RTd8f99c75bbfa0ab79152f8a9965128d0 ▾

```
1 -----
2 | Account: ACa1e4170bbd0ebb44a0c5709d44602df0
3 | Room: RM3755723ffceae451ae3d126214078491
4 | Participant: PA432c646870174183d8e84bea2b50543a
5 | Track: MTbf4d4a24f9813b9010db256631e62a7e
```

[https://twilio.enterprise.slack.com/files/WJ2S02S02/F02DLCTV6JV/recording\\_for\\_recording\\_rt\\_d8f99c75bbfa0ab79152f8a9965128d0.txt](https://twilio.enterprise.slack.com/files/WJ2S02S02/F02DLCTV6JV/recording_for_recording_rt_d8f99c75bbfa0ab79152f8a9965128d0.txt)

 **Dilek Demir**  3:56 PM  
recordings --room-sid RM3755723ffceae451ae3d126214078491 --account-sid ACa1e4170bbd0ebb44a0c5709d44602df0

 **Programmable-Video Bot**  3:56 PM  
Recording for Room: RM3755723ffceae451ae3d126214078491 ▾

```
1 -----
2 | Account: ACa1e4170bbd0ebb44a0c5709d44602df0
3 | VMS: VM2bbcadc574ad5ab8cc1cb59e9f5047b0
4 | Host: H01a4bf14470e92b3cfb9a68462b7cb98b
5 | Region: us-east-1
```

[https://twilio.enterprise.slack.com/files/WJ2S02S02/F02D11BK0NS/recording\\_for\\_room\\_rm375\\_5723ffceae451ae3d126214078491.txt](https://twilio.enterprise.slack.com/files/WJ2S02S02/F02D11BK0NS/recording_for_room_rm375_5723ffceae451ae3d126214078491.txt)

 **Dilek Demir**  4:05 PM  
MTbf4d4a24f9813b9010db256631e62a7e

 **bot** APP 4:05 PM  
Information for track MTbf4d4a24f9813b9010db256631e62a7e

#### Track Info

AccountSid	RoomSid
ACa1e4170bb0eb44a0c5709d44602df	RM3755723ffceae451ae3d12621407849
0	1
ParticipantSid	ID
PA432c646870174183d8e84bea2b50543	42b2112d-b35f-4140-80b5-
a	57ad243f43f9
Type	Codec
localVideoTrack	VP8
Bytes Sent	Packets Sent
774512	688
Packets Lost	RTT
Unknown	131
Dimensions	Frame Rate
Unknown	Unknown

 **Programmable-Video Bot** APP 4:05 PM  
Track Events ▾

1	event	enabled	priority	timestamp
2	-----	-----	-----	-----
3	connected with track	True	standard	2021-08-25T18:17:09.687Z
4	removed track			2021-08-25T18:33:35.601Z

 **Dilek Demir**  4:31 PM  
recordings --vms-sid VM2bbcadc574ad5ab8cc1cb59e9f5047b0

 **Programmable-Video Bot** APP 4:31 PM  
Recording for VMS: VM2bbcadc574ad5ab8cc1cb59e9f5047b0 ▾

1	-----
2	Account: ACa1e4170bb0eb44a0c5709d44602df0
3	Room: RM3755723ffceae451ae3d126214078491
4	Host: H01a4bf14470e92b3cfb9a68462b7cb98b
5	Region: us-east-1

[https://twilio.enterprise.slack.com/files/WJ2S02S02/F02D7V7HAM8/recording\\_for\\_vms\\_vm2bbcadc574ad5ab8cc1cb59e9f5047b0.txt](https://twilio.enterprise.slack.com/files/WJ2S02S02/F02D7V7HAM8/recording_for_vms_vm2bbcadc574ad5ab8cc1cb59e9f5047b0.txt)

# Compositions

Dilek Demir 4:39 PM  
compositions --account-sid ACa1e4170bbd0ebb44a0c5709d44602df0

Programmable-Video Bot APP 4:39 PM  
Recent compositions for ACa1e4170bbd0ebb44a0c5709d44602df0 ▾

```
1 -----  
2 | Compositions for ACa1e4170bbd0ebb44a0c5709d44602df0 |  
3 |-----  
4 | CJdfeffd60b3703f470796bc当地87b69da4 |  
5 | CJa85c08c270d7c97152486fa05ee34213 |  
6 | CJ751dd4d769ff351b3fc当地06bbf1528d |  
7 | CJ78805c070c91b919c62dc71e9f243db2 |  
8 | CJ1efbc4a8a7a4a1e76efa5cdc6d2f5cdd |  
9 |-----
```

Message Programmable-Video Bot

B I     Aa @ ☺ 0 ► | ▾

Dilek Demir 5:04 PM  
compositions --account-sid ACa1e4170bbd0ebb44a0c5709d44602df0 --sid CJdfeffd60b3703f470796bc当地87b69da4

Programmable-Video Bot APP 5:04 PM  
Compositions metadata report ▾

```
1 -----  
2 | Metadata of CJdfeffd60b3703f470796bc当地87b69da4 |  
3 |-----  
4 | AccountSid | ACa1e4170bbd0ebb44a0c5709d44602df0 |  
5 | AudioSources | ['RT50b24c1a8fc81885f98c574715e18fef'] |  
6 | AudioSourcesExcluded | [] |  
7 | Bitrate | 96 |  
8 | Cpu | 0 |  
9 | DateCompleted | 2021-08-27T13:36:54.387Z |  
10 | DateCreated | 2021-08-27T12:45:38.419Z |  
11 | DateDeleted | - |  
12 | Duration | 186 |  
13 | Format | mp4 |  
14 | HostedByTwilio | True |  
15 | MediaExternalLocation | - |  
16 | Resolution | 640x480 |  
17 | RoomSid | RM3755723ffceae451ae3d126214078491 |  
18 | Sid | CJdfeffd60b3703f470796bc当地87b69da4 |  
19 | Size | 2248267 |  
20 | Status | completed |  
21 | StatusCallback | https://hookb.in/0eXjZPgzyKUq0dYY0XXD |  
22 | StatusCallbackMethod | POST |  
23 | Trim | True |  
24 | Uri | /v1/Compositions/CJdfeffd60b3703f470796bc当地87b69da4 |  
25 | Encrypted | No |  
26 |-----
```

 **Dilek Demir** 5:05 PM  
compositions --account-sid ACa1e4170bbd0ebb44a0c5709d44602df0 --room-sid RM3755723ffceae451ae3d126214078491

 **Programmable-Video Bot** APP 5:05 PM  
Compositions for ACa1e4170bbd0ebb44a0c5709d44602df0 and room RM3755723ffceae451ae3d126214078491 ▾

```
1 -----  
2 | Compositions for room RM3755723ffceae451ae3d126214078491 |  
3 -----  
4 | CJ5df49290d61eb82ea8d1c4d307b02cef |  
5 | CJdfeffd60b3703f470796bcd87b69da4 |  
6 | CJa85c08c270d7c97152486fa05ee34213 |  
7 -----
```

 **Dilek Demir** 5:37 PM  
compositions --account-sid ACa1e4170bbd0ebb44a0c5709d44602df0 --sid CJa85c08c270d7c97152486fa05ee34213 --layout  
Today ▾

 **Programmable-Video Bot** APP 5:37 PM  
Compositions metadata report ▾

```
1 -----  
2 | Metadata of CJa85c08c270d7c97152486fa05ee34213 |  
3 -----  
4 | AccountSid | ACa1e4170bbd0ebb44a0c5709d44602df0 |  
5 | AudioSources | ['*'] |  
6 | AudioSourcesExcluded | □ |  
7 | Bitrate | 541 |  
8 | Cpu | 0 |  
9 | DateCompleted | 2021-08-25T19:37:48.013Z |  
10 | DateCreated | 2021-08-25T19:35:57.412Z |  
11 | DateDeleted | - |  
12 | Duration | 1034 |  
13 | Format | mp4 |  
14 | HostedByTwilio | True |  
15 | MediaExternalLocation | - |  
16 | Resolution | 640x480 |  
17 | RoomSid | RM3755723ffceae451ae3d126214078491 |  
18 | Sid | CJa85c08c270d7c97152486fa05ee34213 |  
19 | Size | 70062521 |  
20 | Status | completed |  
21 | StatusCallback | https://webhook.site/3398e65a-a7a5-4ee3-85da-7153b9a3634b |  
22 | StatusCallbackMethod | POST |  
23 | Trim | True |  
24 | Uri | /v1/Compositions/CJa85c08c270d7c97152486fa05ee34213 |  
25 | Encrypted | No |  
26 -----
```

VideoLayout for CJa85c08c270d7c97152486fa05ee34213 metadata report ▾

```
1 -----  
2 | Metadata of region "grid" |  
3 -----  
4 | XPos | 0 |  
5 | YPos | 0 |  
6 | ZPos | 0 |  
7 | Width | - |  
8 | Height | - |  
9 | MaxColumns | - |
```

## VideoLayout for CJa85c08c270d7c97152486fa05ee34213 metadata report ▾

1	-----	
2	Metadata of region "grid"	
3	-----	
4	XPos	0
5	YPos	0
6	ZPos	0
7	Width	-
8	Height	-
9	MaxColumns	-
10	MaxRows	-
11	CellsExcluded	<input type="checkbox"/>
12	Reuse	show_oldest
13	VideoSources	['*']
14	VideoSourcesExcluded	<input type="checkbox"/>
15	-----	

[https://twilio.enterprise.slack.com/files/WJ2S02S02/F02DT11L8EL/compositions\\_metadata\\_report.txt](https://twilio.enterprise.slack.com/files/WJ2S02S02/F02DT11L8EL/compositions_metadata_report.txt)

[https://twilio.enterprise.slack.com/files/WJ2S02S02/F02CWKKSUES/videolayout\\_for\\_cja85c08c270d7c97152486fa05ee34213\\_metadata\\_report.txt](https://twilio.enterprise.slack.com/files/WJ2S02S02/F02CWKKSUES/videolayout_for_cja85c08c270d7c97152486fa05ee34213_metadata_report.txt)

## Billing

billing --account-sid ACa1e4170bbd0ebb44a0c5709d44602df0



**Dilek Demir** 9:56 AM

billing --account-sid ACa1e4170bbd0ebb44a0c5709d44602df0



**Programmable-Video Bot** APP 9:56 AM

Please wait...

No data available

billing --account-sid ACa1e4170bbd0ebb44a0c5709d44602df0 --business-date 25-08-2021



**Dilek Demir** 10:02 AM

billing --account-sid ACa1e4170bbd0ebb44a0c5709d44602df0 --business-date 2021-08-25



**Programmable-Video Bot** APP 10:02 AM

Please wait...

```
usage: Retrieve info for storage billing auditing events as a csv file
      [-h] [--account-sid ACCOUNT_SID] [-log-level LOG_LEVEL]
      [--business-date BUSINESS_DATE | --since-until SINCE_UNTIL]
      [--media-type {compositions,video-recordings}] [--verbose]
      [--include-duplicates]
Retrieve info for storage billing auditing events as a csv file: error: argument --business-date: invalid fromisoformat
value: ''
```



**Dilek Demir** 10:04 AM

billing --account-sid ACa1e4170bbd0ebb44a0c5709d44602df0 --business-date 25-08-2021



**Programmable-Video Bot** APP 10:04 AM

Please wait...

No data available

billing --account-sid ACa1e4170bbd0ebb44a0c5709d44602df0 --since-until 2021-08-01  
2021-09-01



**Dilek Demir** 10:10 AM

billing --account-sid ACa1e4170bbd0ebb44a0c5709d44602df0 --since-until 2021-08-01 2021-09-01



**Programmable-Video Bot** APP 10:10 AM

Please wait...

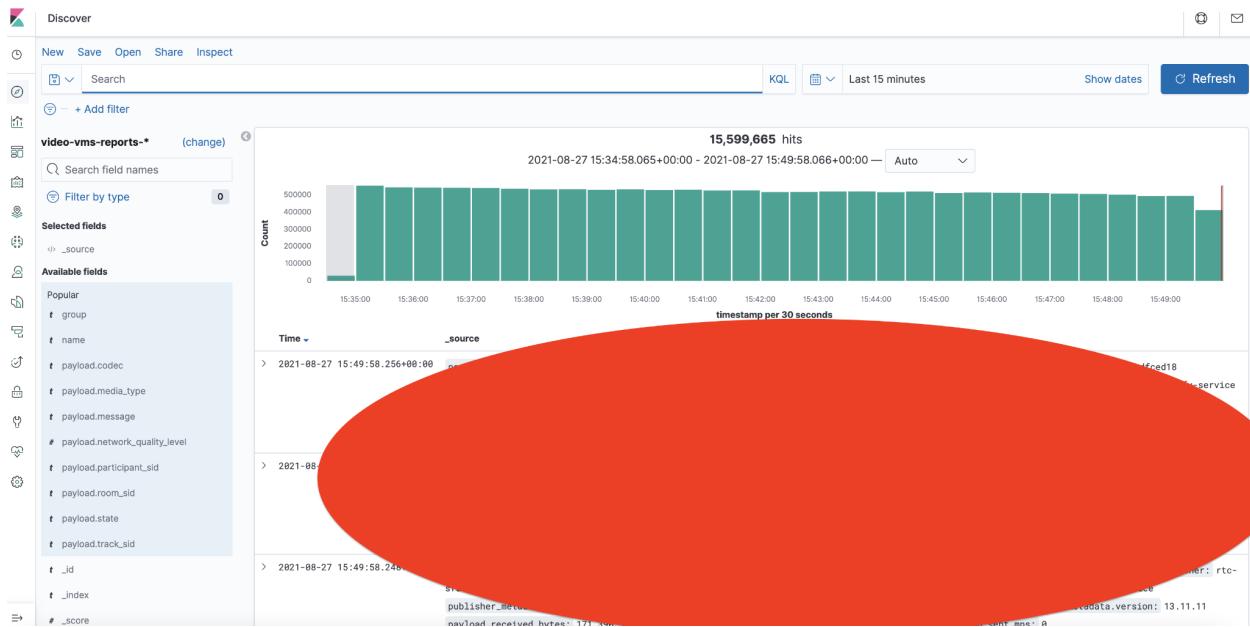
New

No data available

## Kibana

I can confirm that I have access to Kibana

<https://kibana.us1.eak.twilio.com/video/app/kibana#/discover>



Before running any queries, be sure to understand how to limit your date-time range while searching in Kibana using the "Absolute" date format. **This is a live shared system and your queries if not scoped can impact production systems.**

-Done

### Task1;

Change Index to sdki-rooms\* create a "Discover URL" that displays media region, codecs, vms server sid, whether the participant was "recorded on connect" for all of the participants in one of your group rooms. Add shareable short URL for Kibana Link to Document and take a screenshot of using Kibana and add to GitHub Document.

<https://kibana.us1.eak.twilio.com/video/goto/1bb08568c726770fad725621861060ef>

**Discover**

_index	t_name	room_removed
0	# _score	-
0	t _type	-
0	t account_sid	-
0	t event_id	-
0	t level	-
0	t parent_account_sid	0
0	# payload.bytes_received	0
0	# payload.bytes_sent	2,000
0	t payload.call_sid	0
0	# payload.concurrent_go_partici...	0
0	# payload.concurrent_go_rooms	0
0	# payload.concurrent_limits	0
0	# payload.concurrent_participant	0
0	# payload.concurrent_rooms	0
0	# payload.duration	1,361
0	# payload.enable_turn	true
0	# payload.error_code	-
0	# payload.error_message	-
0	# payload.data_tracks_received	-
0	# payload.duration	false
0	t payload.enable_turn	-
0	# payload.error_message	-
0	t payload.has_error	-
0	t payload.is_adhoc	false
0	# payload.max_concurrent_publi...	-
0	# payload.max_current_participa...	-
0	# payload.max_current_tracks	-

**Discover**

New Save Open Share Inspect

RM3755723ffceae451ae3d126214078491 | KQL | 2021-08-25 18:30:00.000 → 2021-08-25 20:30:00.000 | Refresh

**sdk:rooms~\*** (change)

Filter by type 0

Selected fields

- t payload.media\_region
- t payload.participant\_sid
- t payload.record\_participant...
- t payload.video\_codecs
- t payload.vms\_sid

Available fields

Popular

- t group
- t name
- # payload.error\_code
- t payload.info
- t payload.publisher.browser
- t payload.publisher.platform\_na...
- t payload.publisher.platform\_ver...
- t payload.publisher.sdk\_version
- t payload.publisher.user\_agent

Count

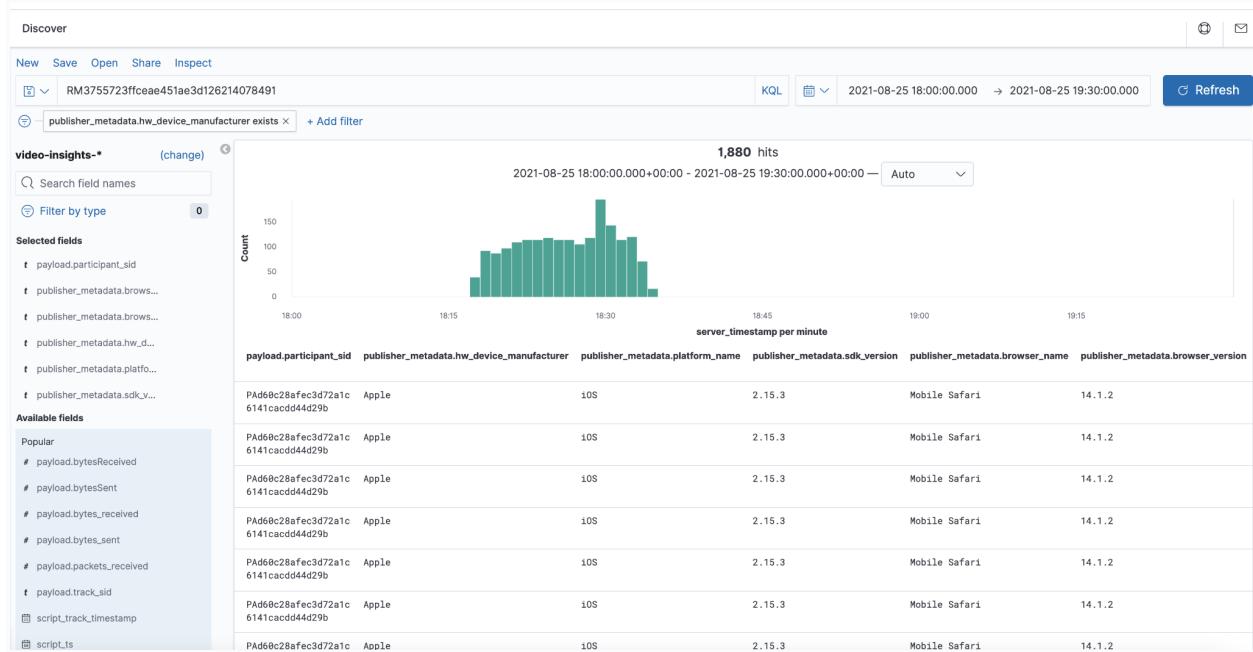
169 hits  
2021-08-25 18:30:00.000+00:00 - 2021-08-25 20:30:00.000+00:00 — Auto

Time	payload.participant_sid	payload.media_region	payload.video_codecs	payload.vms_sid	payload.record_participants_on_connect
2021-08-25 19:11:45.539+00:00	-	us1	H264,VP8	VM2bbcad574ad5ab8cc1cb59e9f	true
2021-08-25 18:40:16.029+00:00	-	us1	H264,VP8	VM2bbcad574ad5ab8cc1cb59e9f	true
2021-08-25 18:39:45.526+00:00	-	-	-	-	false
2021-08-25 18:34:26.621+00:00	Pad13526519d2e4d8d6dc8f0ed811	3fcfa	-	-	false
2021-08-25 18:34:26.612+00:00	Pad13526519d2e4d8d6dc8f0ed811	3fcfa	-	-	false
2021-08-25 18:34:26.611+00:00	Pad13526519d2e4d8d6dc8f0ed811	us1	H264,VP8	VM2bbcad574ad5ab8cc1cb59e9f	true
2021-08-25 18:34:26.610+00:00	Pad13526519d2e4d8d6dc8f0ed811	3fcfa	-	-	false

## Task2;

Change Index to video-insights\* create a "Discover URL" that displays all device, manufacture, OS, browser version, SDK version information for the participants. Add shareable short URL for Kibana Link to Document and take a screenshot of using Kibana and add to GitHub Document.

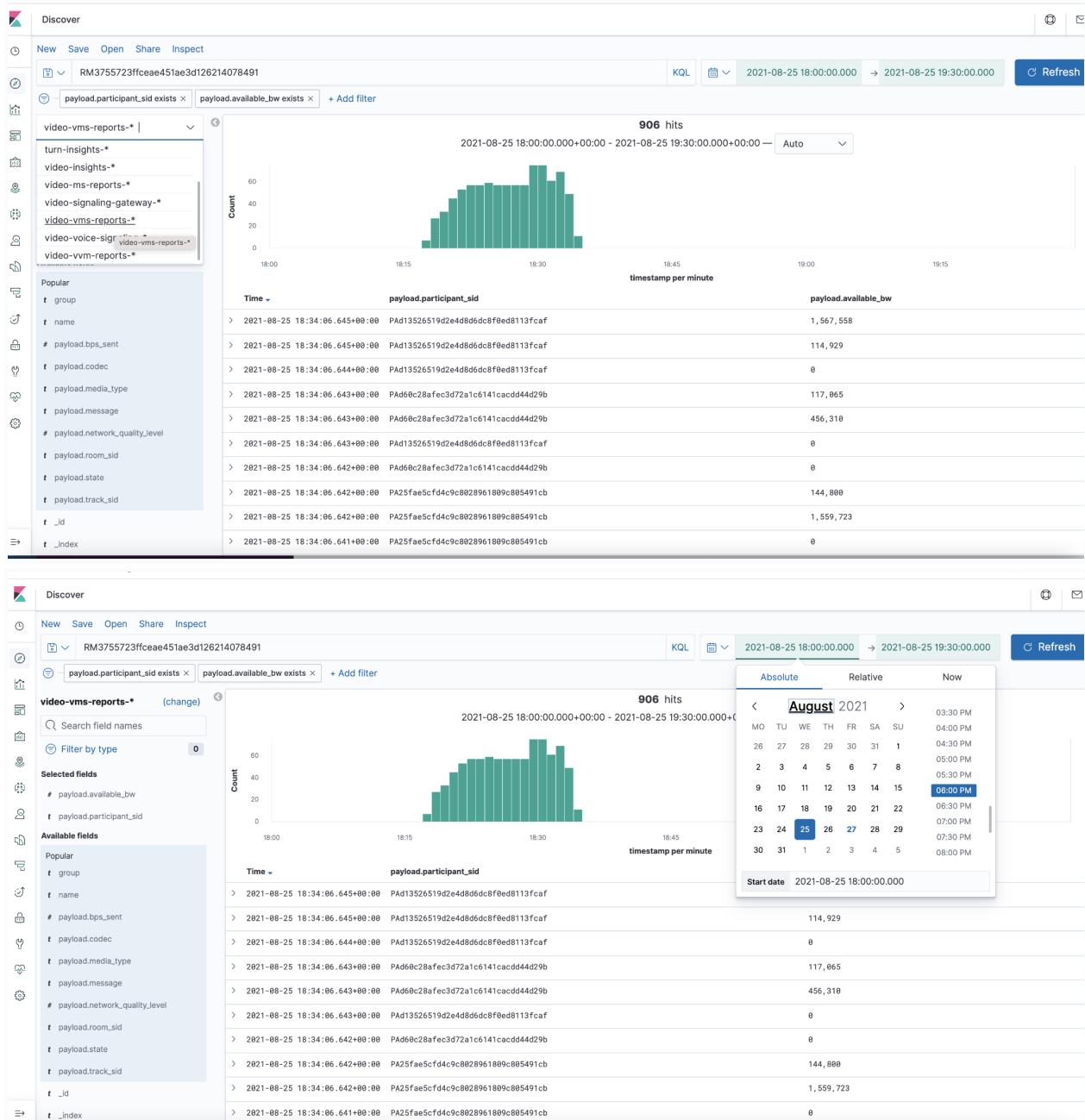
<https://kibana.us1.eak.twilio.com/video/goto/22696181c144bdccad1c29dd14d6fe7c>



### Task3:

Change Index to video-vms-reports\* create two a "Discover URL" that displays all actual bandwidth for each participant in one room. Add shareable short URL for Kibana Link to Document and take a screenshot of using Kibana and add to GitHub Document

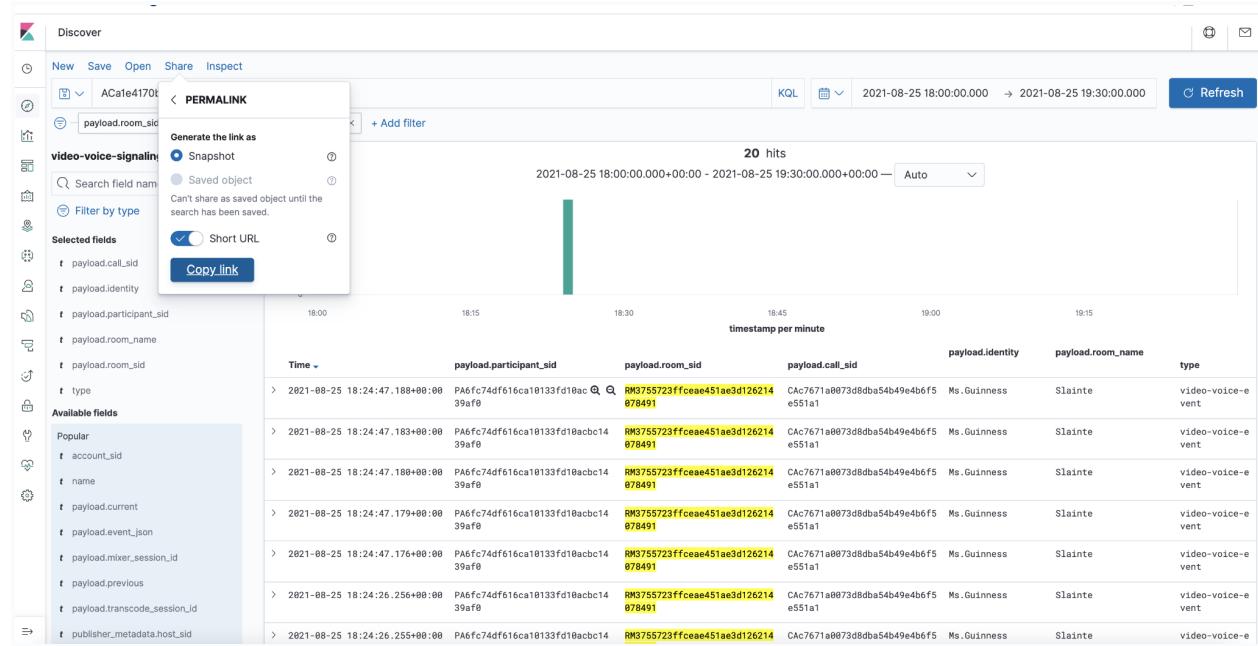
<https://kibana.us1.eak.twilio.com/video/goto/1f6d906a7a26ed7944240908aec7c02e>



#### Task4:

Change Index to video-voice-signaling\* create a "Discover URL" that displays Participant SID, Call SID, Room SID, Identity, Room Name for the PSTN participant in one room. Add shareable short URL for Kibana Link to Document and take a screenshot of using Kibana and add to GitHub Document.

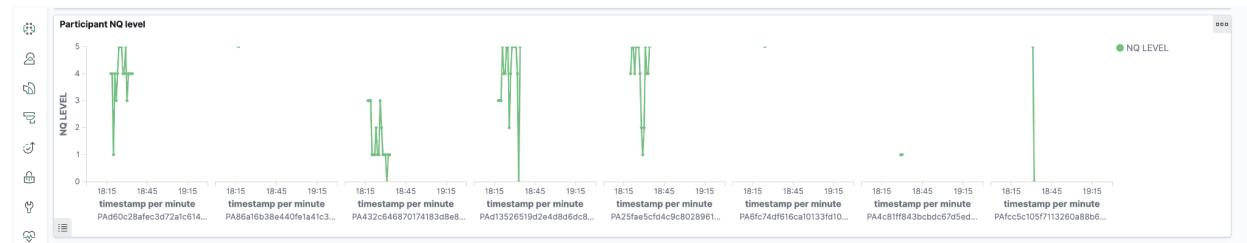
<https://kibana.us1.eak.twilio.com/video/goto/11d294b8c47763001e629b0f9daa5195>



#### Task5:

Create a "Discover URL" that displays all the Network Quality scores for all participants in one of your group rooms. Add shareable short URL for Kibana Link to Document and take a screenshot of using Kibana and add to GitHub Document.

<https://kibana.us1.eak.twilio.com/video/goto/4e0a24ae9454b06d74ce3d61b35bf4fb>



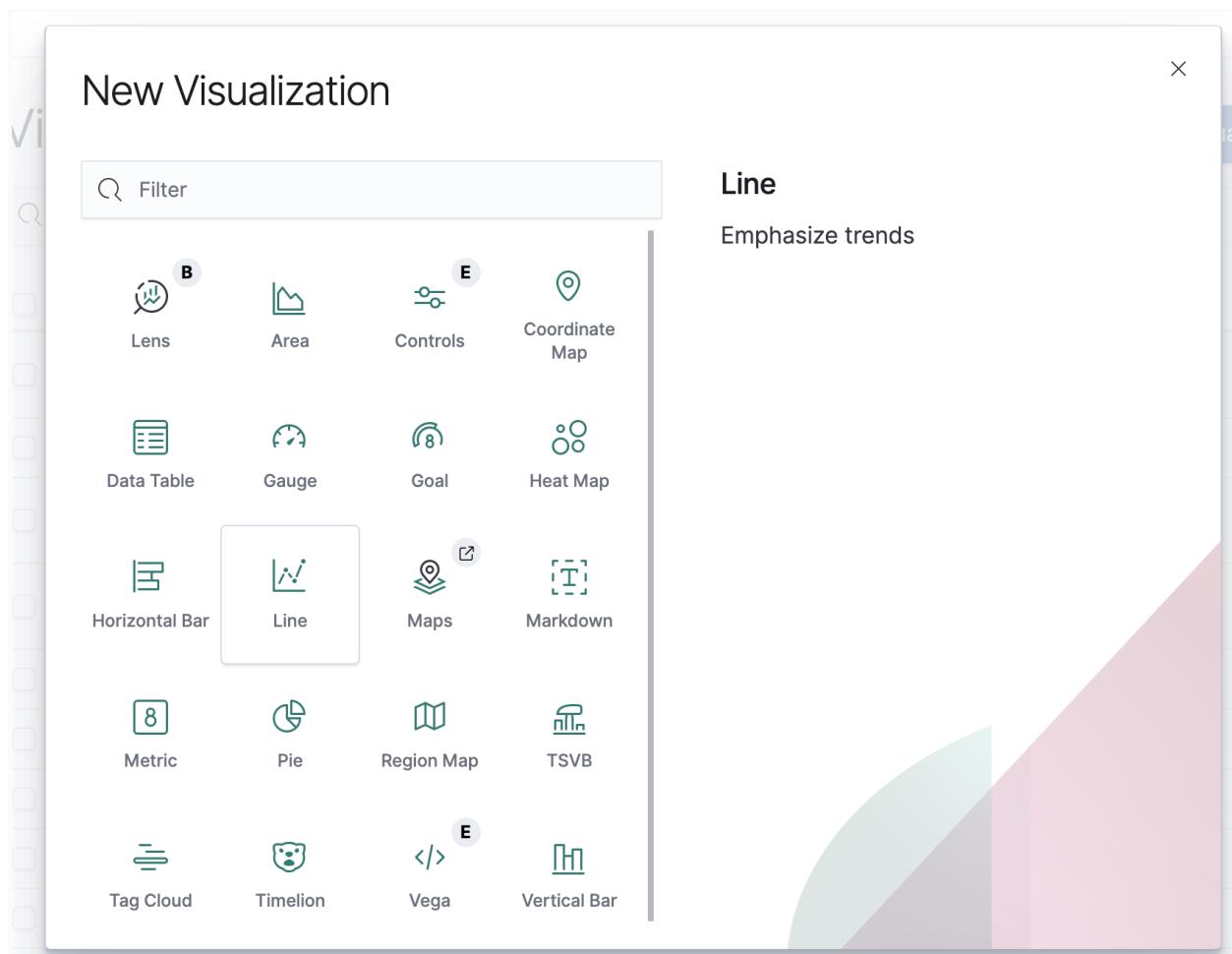
## Task6:

Create visualization for the Network Quality Scores. Add shareable short URL for Kibana Link to file and take a screenshot of using Kibana and add to GitHub Document.

<https://kibana.us1.eak.twilio.com/video/goto/fc0493fb186a03077672be78c4850853>

The screenshot shows the Kibana interface with the title "Visualize" at the top. On the left is a sidebar with various icons for different actions like search, refresh, and settings. The main area is titled "Visualizations" and contains a search bar and a "Create visualization" button. Below is a table listing 17 existing visualizations, each with a title, type, description, and actions (edit, delete).

Title	Type	Description	Actions
(Lindsay) ICE Failures - Top 3 participants per hour	Lens	B	
A/V async H264+screenshare	Data Table		
Accounts near Concurrent Limits Table	Data Table		
Accounts with top concurrent participants iOS	Data Table		
AdventHealth Chrome versions	Pie		
AdventHealth browsers	Pie	AdventHealth browsers	
AdventHealth errors split	Area		
AdventHealth rooms count	Area		
All customers - iOS versions [Anna]	Pie		
Android 10 video codecs - [Bryan]	Vertical Bar		
Android OS Version Pie Chart	Pie		
Audio Publisher	Line		
Audio Subscriber	Line		



Apps Daily Tools Twilio - My Application On-Call Monkey Tools Messaging Voice CI Flex Video CH US & Irish Visa PSE Onboarding Project SIT Requests Email Reading List

Visualize

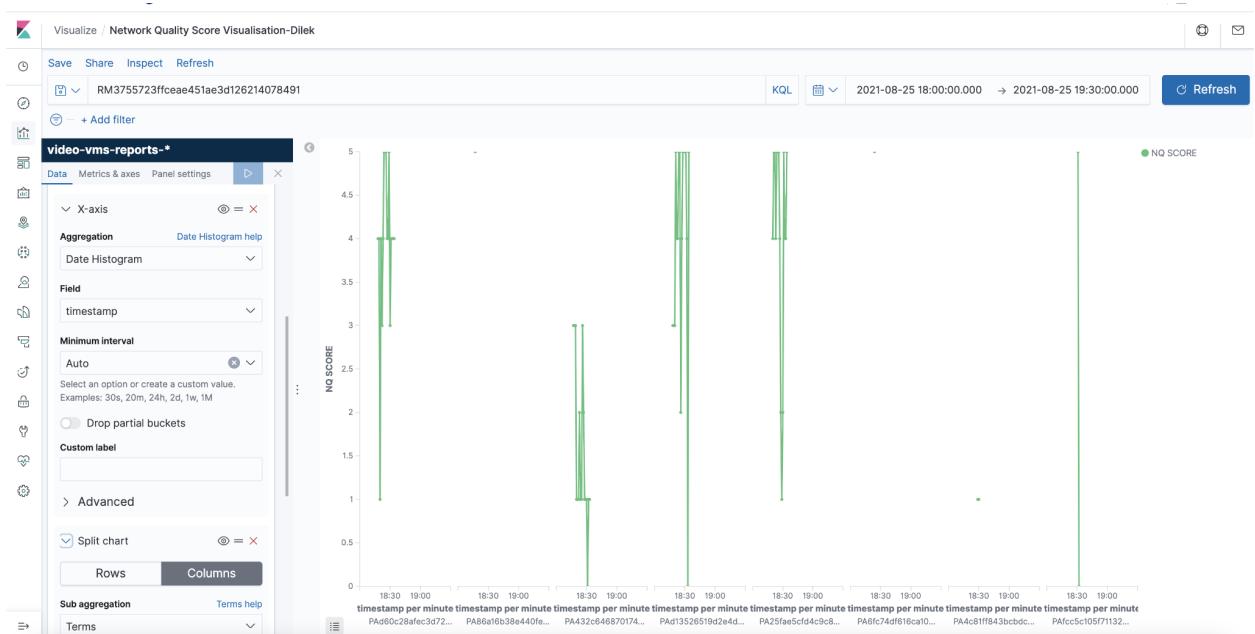
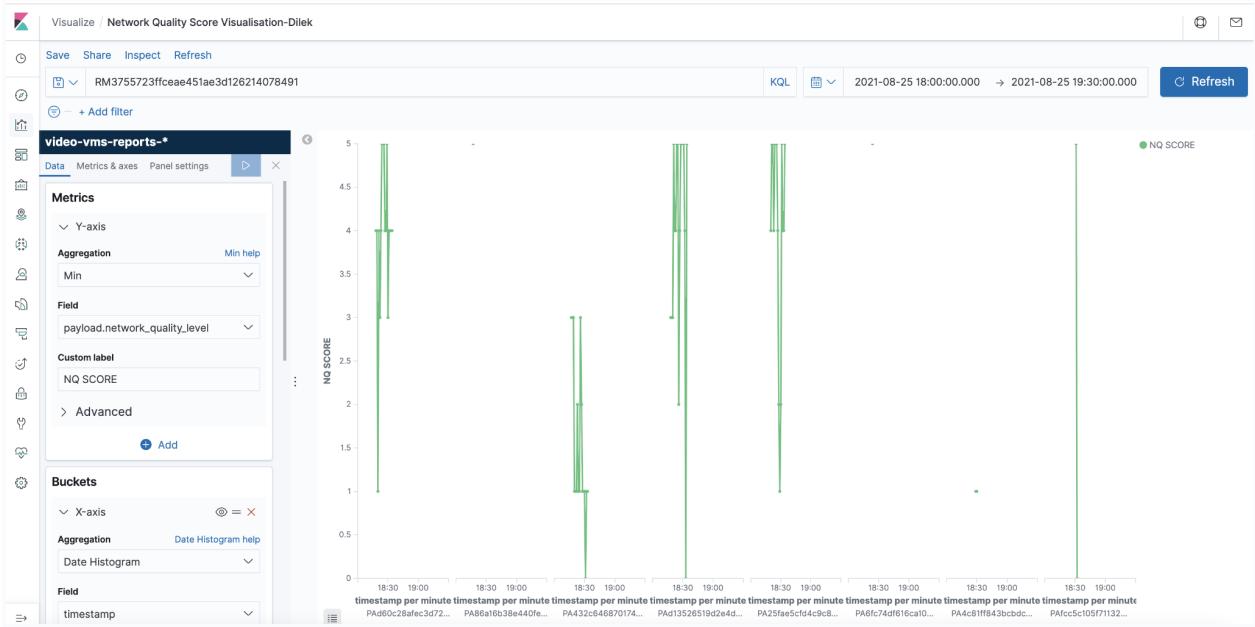
New Line / Choose a source

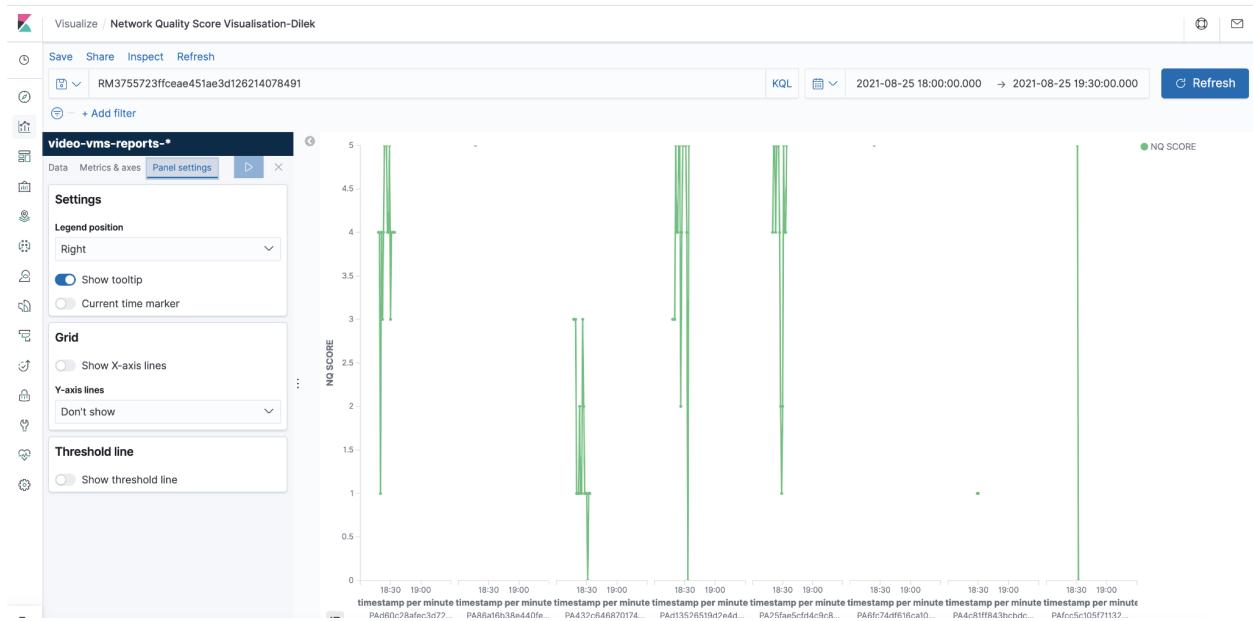
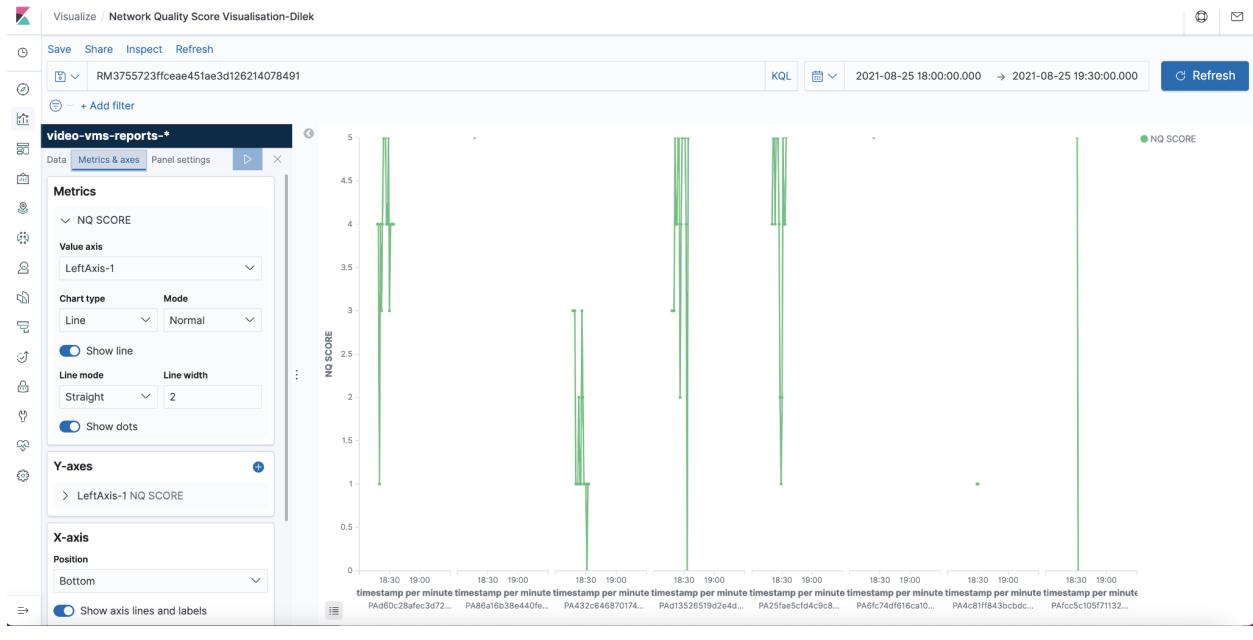
Search: video Sort Types 2

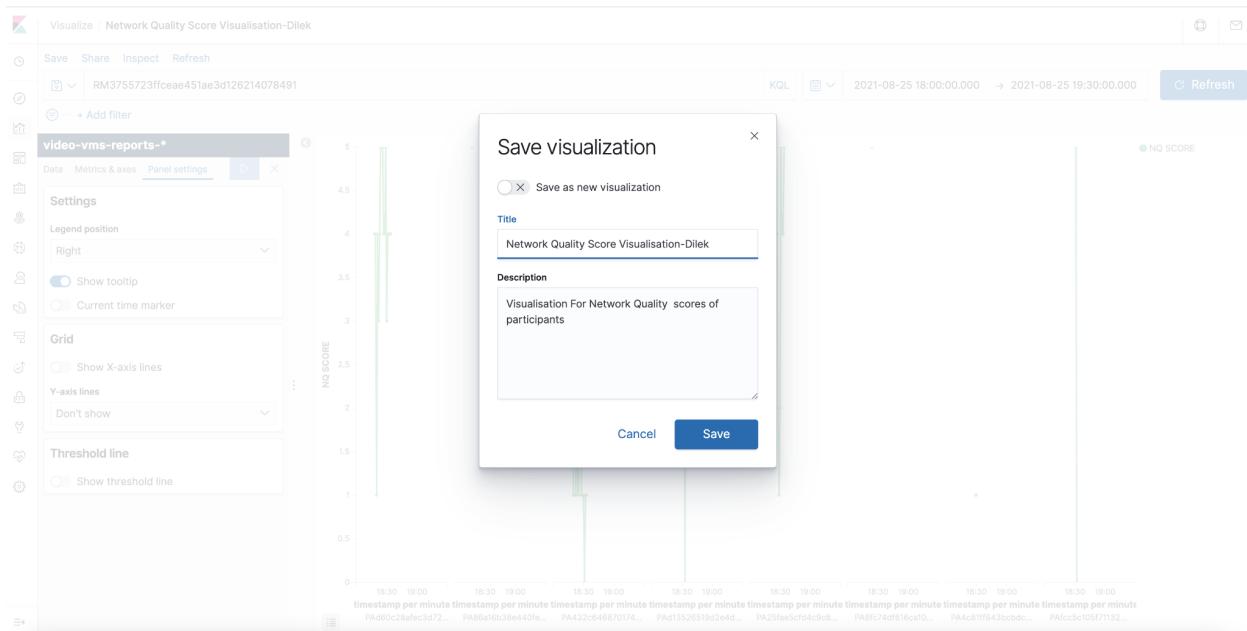
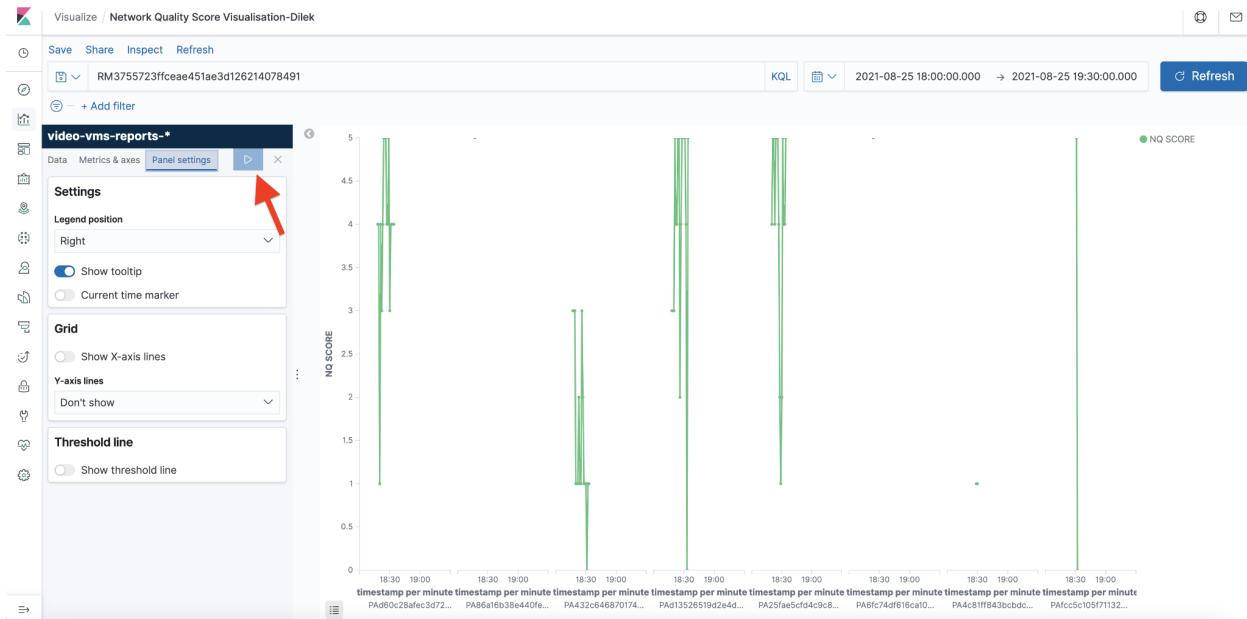
- video-insights-\*
- video-vms-reports-\*
- video-voice-signaling-\*

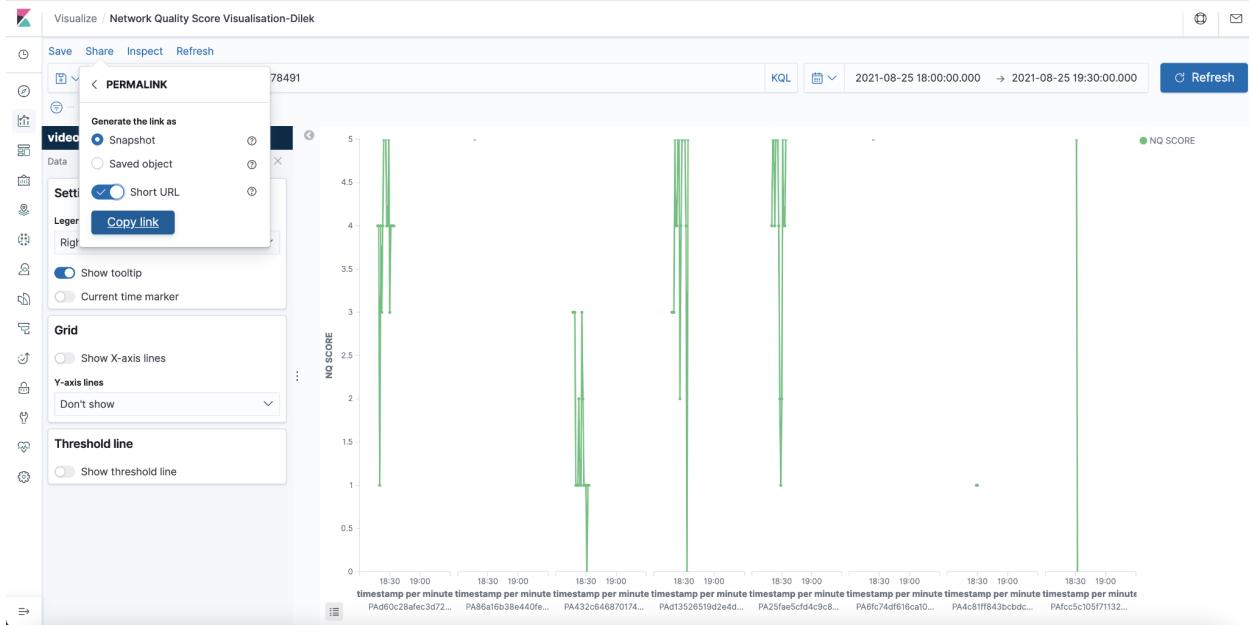
Actions

The interface shows a sidebar with various visualization icons and a main area with a search dialog. The search results for 'video' are displayed, showing three items: 'video-insights-\*', 'video-vms-reports-\*', and 'video-voice-signaling-\*'. The results are paginated with page 2 selected.









## Quantico;

Ensure you have access to Quantico

<https://console.cloud.google.com/bigquery?project=qtco-customer-support>

Using a SQL Query, find your API Request for the compositions you created. Add SQL Query and a shareable link to Google spreadsheet with the results from Quantico to a GitHub Document.

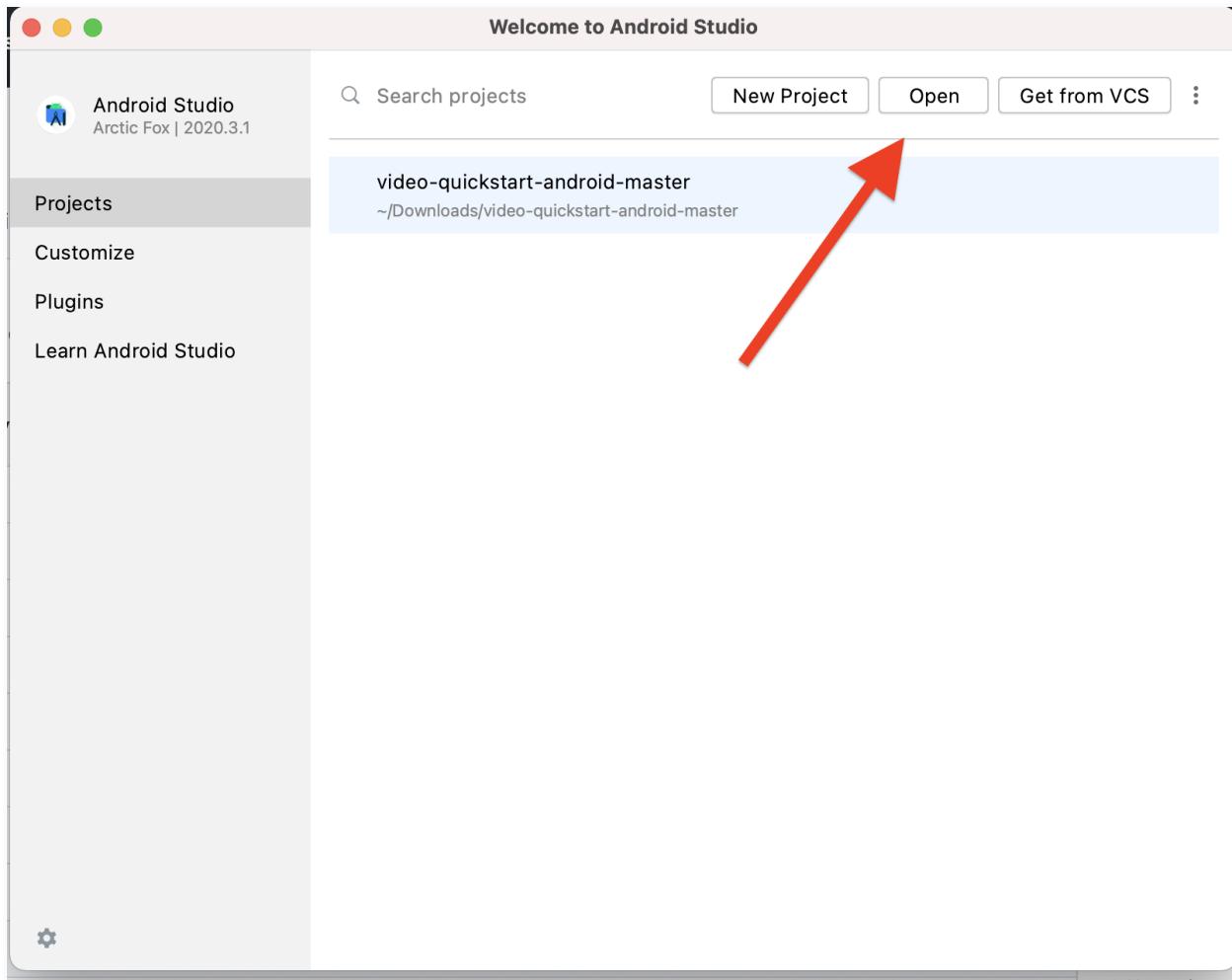
```
select * from
qtco-customer-support.prod.app_media_composer_service_service_last_1_hour where
message like '%ACa1e4170bbd0ebb44a0c5709d44602df0%'
```

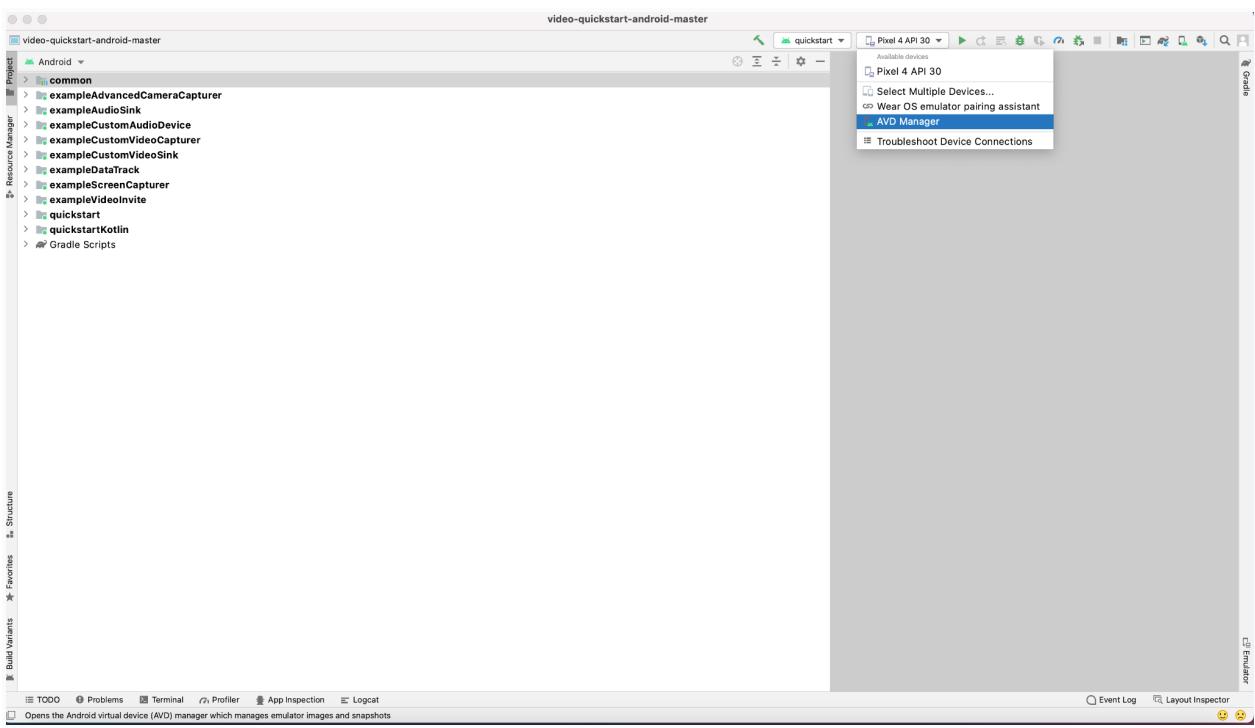
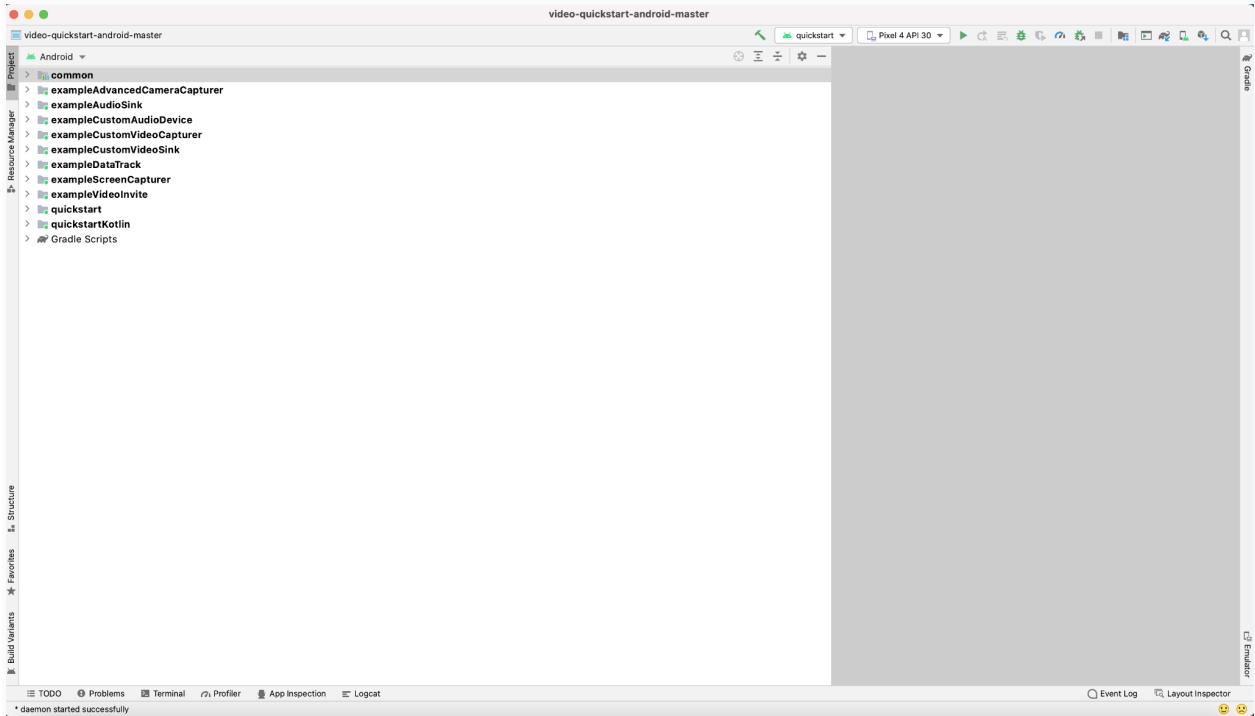
[https://docs.google.com/spreadsheets/d/120xpLj4EHJoFSO\\_R-ugRibPZq6ICn2VBAIXPB\\_0UHkl/edit?usp=sharing](https://docs.google.com/spreadsheets/d/120xpLj4EHJoFSO_R-ugRibPZq6ICn2VBAIXPB_0UHkl/edit?usp=sharing)

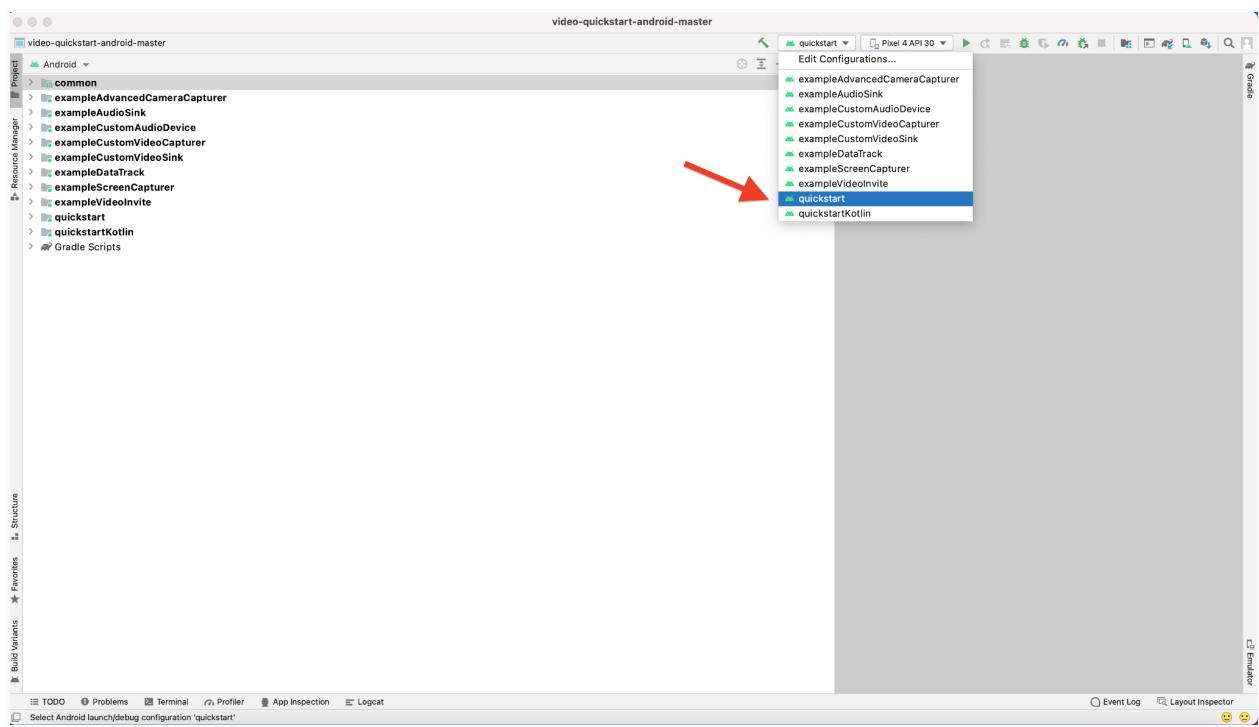
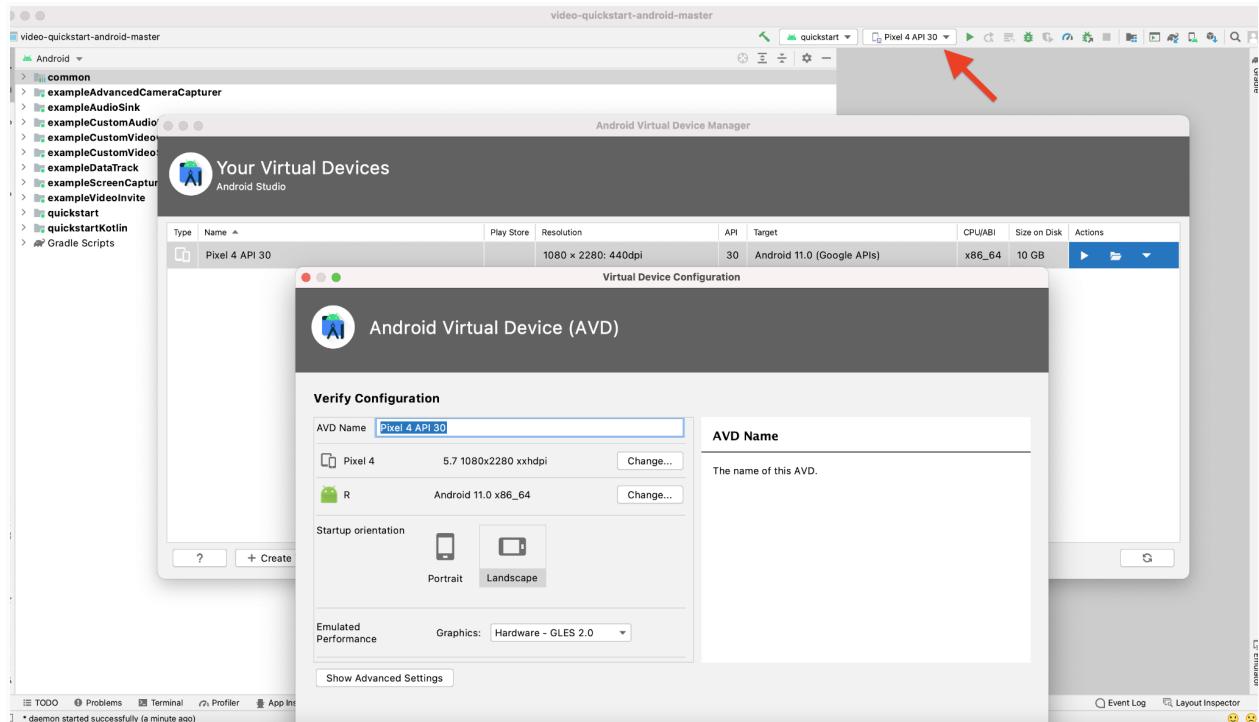
Composition SID: CJ5df49290d61eb82ea8d1c4d307b02cef:

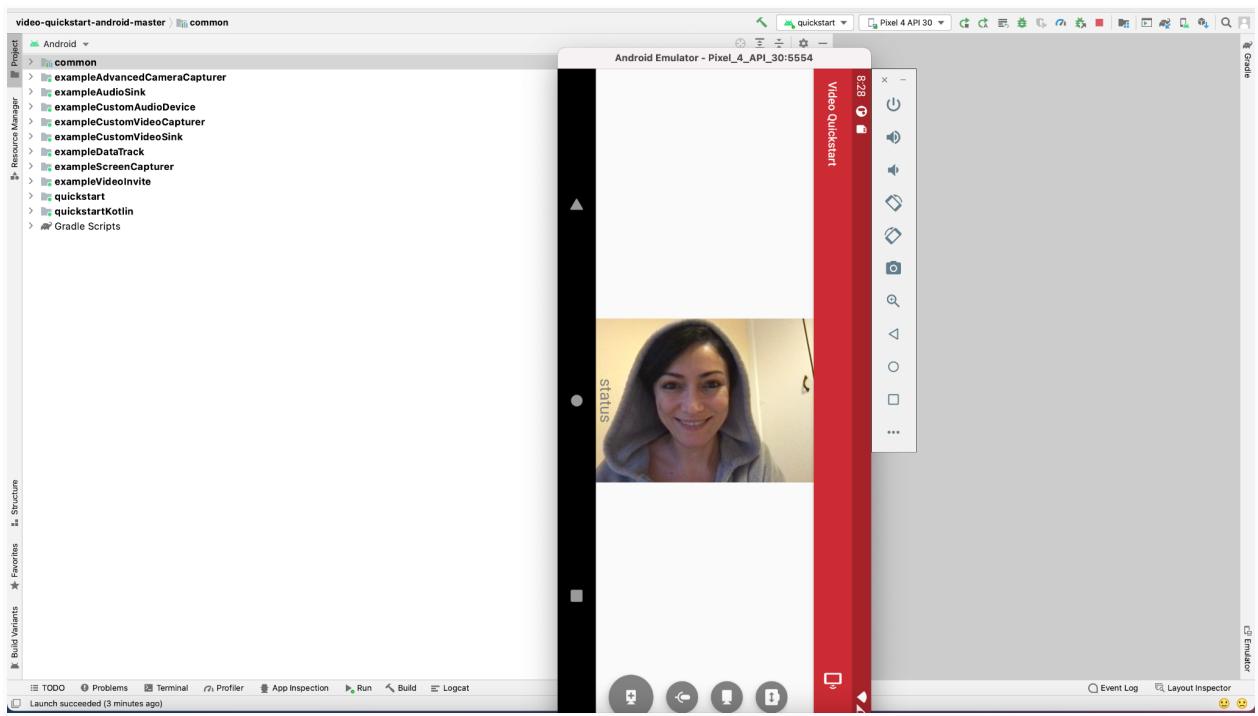
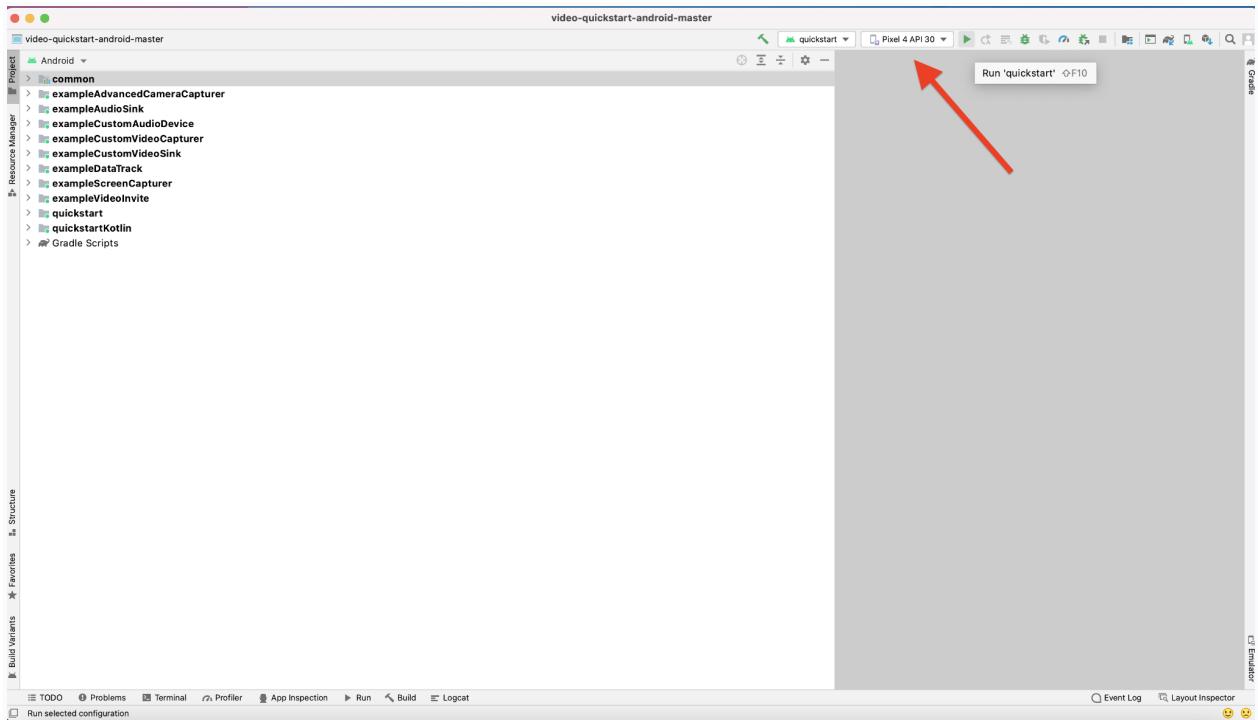
## Android Studio

Take a screenshot with [Android Studio](#) set up and the <https://github.com/twilio/twilio-video-app-android> Android SDK Ahoy! Demo App loaded. Taking screenshots as you go, launch the emulator, join a group room, and join the room created by the android app from your browser using the <https://github.com/twilio/twilio-video-app-react> JS SDK Ahoy! Demo App. Post SIDs and screenshots to the GitHub Document



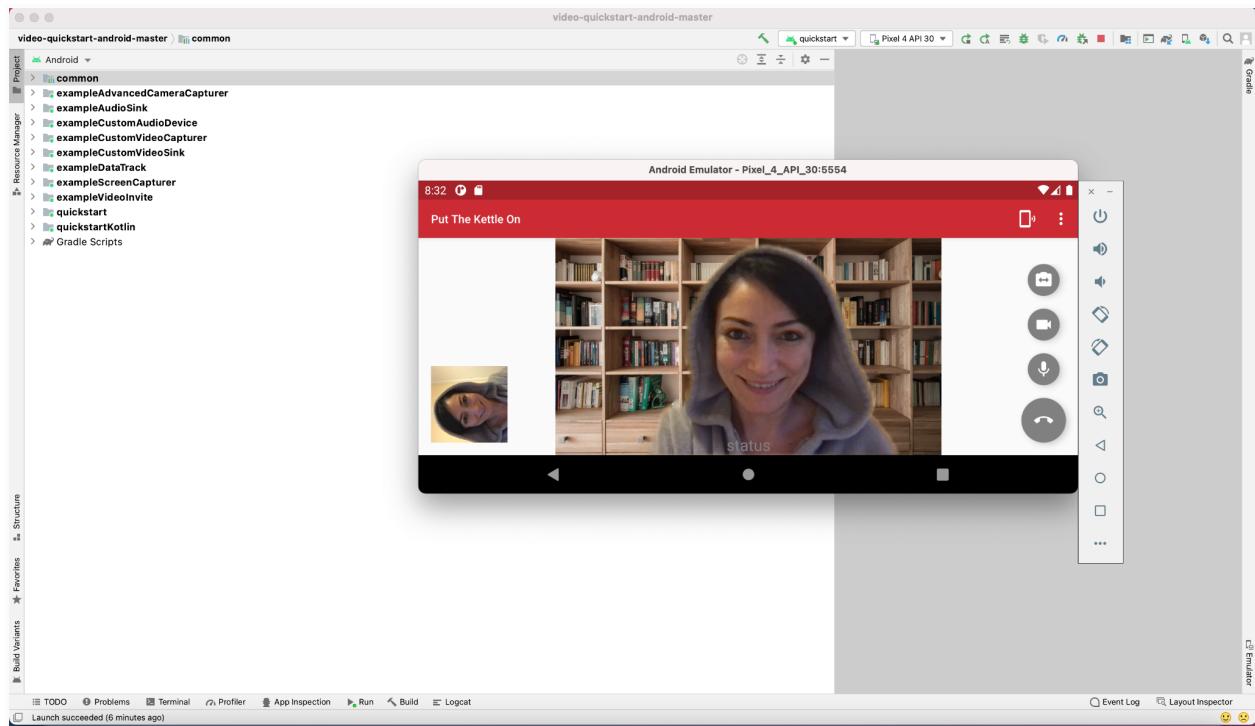






Room SID: RMf4e5202a3946c3bd6759cfa18ec78fa9

Room Name: Put The Kettle On



Programmable-Video Bot

Messages About

8:35 Room Summary Report ▾ Today

```

1 | Summary for Room: Put The Kettle On | RMf4e5202a3946c3bd6759cf18ec78fa9 | AC1e4170bbd0ebb44a0c5709d44602df0
2 | Topology: group | Adhoc: False | TURN: True | Recording on Connect: True | Video Codecs: H264,VP8 | Media Region: us | 
3 | VMS: VM8714c471b97801558af3e8a73a807b91
4 | Participants:
5 | P1: PA86e6660c206028505d127b3f10bb6b76 | CA972982511824dd421d9381a18da9327f | Dilek | unified | jsdk 2.15.3 | Chrome 92.0.4515
6 | P2: PA4a6f710aec098e5ae06168b93002b6a0 | CA921643a345ecf8b771e1036a11348622 | Dee | planb | android 6.3.1 / 11
7 | 2021-08-27T19:30:00.658Z: [add_labeled_room]
8 | 2021-08-27T19:30:00.659Z: [room_created]
9 | 2021-08-27T19:30:02.409Z: P1 sent connect with audio + video tracks
10 | 2021-08-27T19:30:02.409Z: P1 sent offer for peer connection id 35bca3ea-d293-4f5e-9d55-9778f2c2cf89 revision: 1
11 | 2021-08-27T19:30:02.409Z: P1 requests active_speaker, network_quality, render_hints, track_priority, track_switch_off
12 | 2021-08-27T19:30:02.409Z: P1 requests video bandwidth profile with active speaker priority: standard, mode as collaboration
13 | 2021-08-27T19:30:02.410Z: P1 updated subscribe rules: { include all }
14 | 2021-08-27T19:30:02.411Z: [add_room_recording] with recording rules: { include all }
15 | 2021-08-27T19:30:02.557Z: P1 received connected
16 | 2021-08-27T19:30:02.557Z: P1 received answer for peer connection id 35bca3ea-d293-4f5e-9d55-9778f2c2cf89 revision: 1
17 | 2021-08-27T19:30:02.557Z: P1 received track_priority : e4ae876b-73b9-4b42-8fa1-634436fb5519, active_speaker : af202c54-2d6c-418e-b9f4-fd318af7f8d4, render_hints : e0edd70a-bddc-4f0d-8a2e-a9b8e6fbc978, track_switch_off : b6f1048f-0019-4875-85ca-31f0175efb86, network_quality : 48659d31-5a96-4ac8-91e2-8dc568a02c90
18 | 2021-08-27T19:30:02.557Z: P1 is connected with media region us1, signaling region us1, and session timeout 30
19 | 2021-08-27T19:30:02.558Z: P1 received offer for peer connection id 35bca3ea-d293-4f5e-9d55-9778f2c2cf89 revision: 2
20 | 2021-08-27T19:30:02.766Z: P1 published audio: 94426335-edf3-4208-9aee-a912cc8b0c2a / MTbbdb774f16ce319c13b1c5c9e262a3e revision: 2 priority: standard
21 | 2021-08-27T19:30:02.766Z: P1 published video: camera-1630092595443 / MT08f945e2ca8783a869598bda0155aa5a revision: 2 priority: low
22 | 2021-08-27T19:30:02.795Z: P1 sent answer for peer connection id 35bca3ea-d293-4f5e-9d55-9778f2c2cf89 revision: 2
23 | 2021-08-27T19:30:02.911Z: [ice_connection_state_change] for P1 with state CONNECTED
24 | 2021-08-27T19:30:03.082Z: P1 sent ice complete for peer connection id 35bca3ea-d293-4f5e-9d55-9778f2c2cf89 with no ice candidates (could be in SDP) revision: 1
25 | 2021-08-27T19:30:10.795Z: [ice_connection_state_change] for P1 with state COMPLETED
26 | 2021-08-27T19:31:12.719Z: P2 sent connect with video + audio tracks and ICE servers acquired from ECS
27 | 2021-08-27T19:31:12.719Z: P2 sent offer for peer connection id f1fd89f1A6f207dDFDD29643A046Dca4 revision: 1
28 | 2021-08-27T19:31:12.737Z: P2 received connected
29 | 2021-08-27T19:31:12.737Z: P2 received answer for peer connection id f1fd89f1A6f207dDFDD29643A046Dca4 revision: 1
30 | 2021-08-27T19:31:12.737Z: P2 published video: camera / MT97ed1b199b06e255113598df1d3d7568 revision: 1 priority: standard
31 | 2021-08-27T19:31:12.737Z: P2 published audio: mic / MT7716f015e6426559d549ca30f75c1f36 revision: 1 priority: standard
32 | 2021-08-27T19:31:12.737Z: P2 is connected with media region us1, signaling region us1, and session timeout 30

```

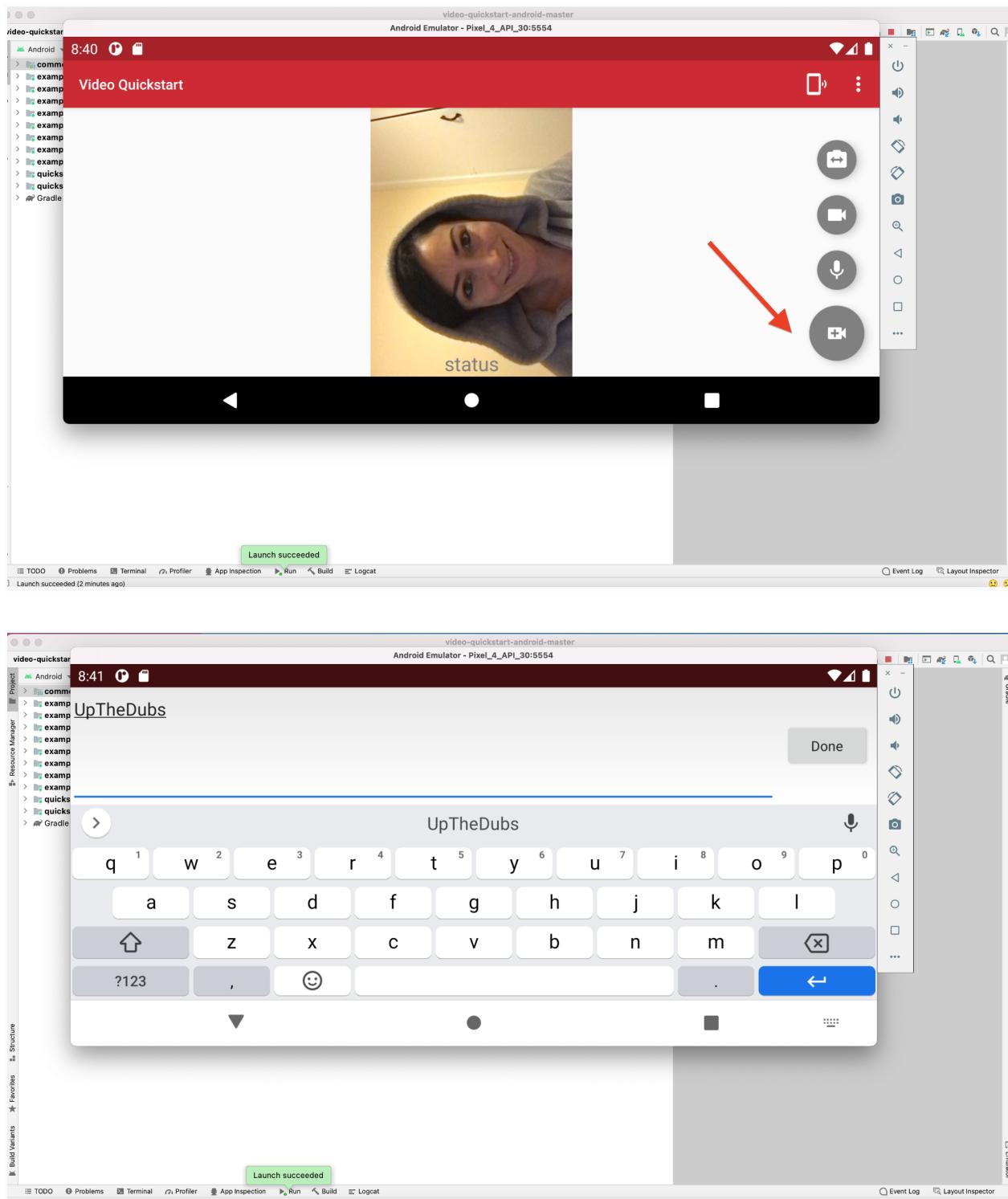
Message Programmable-Video Bot

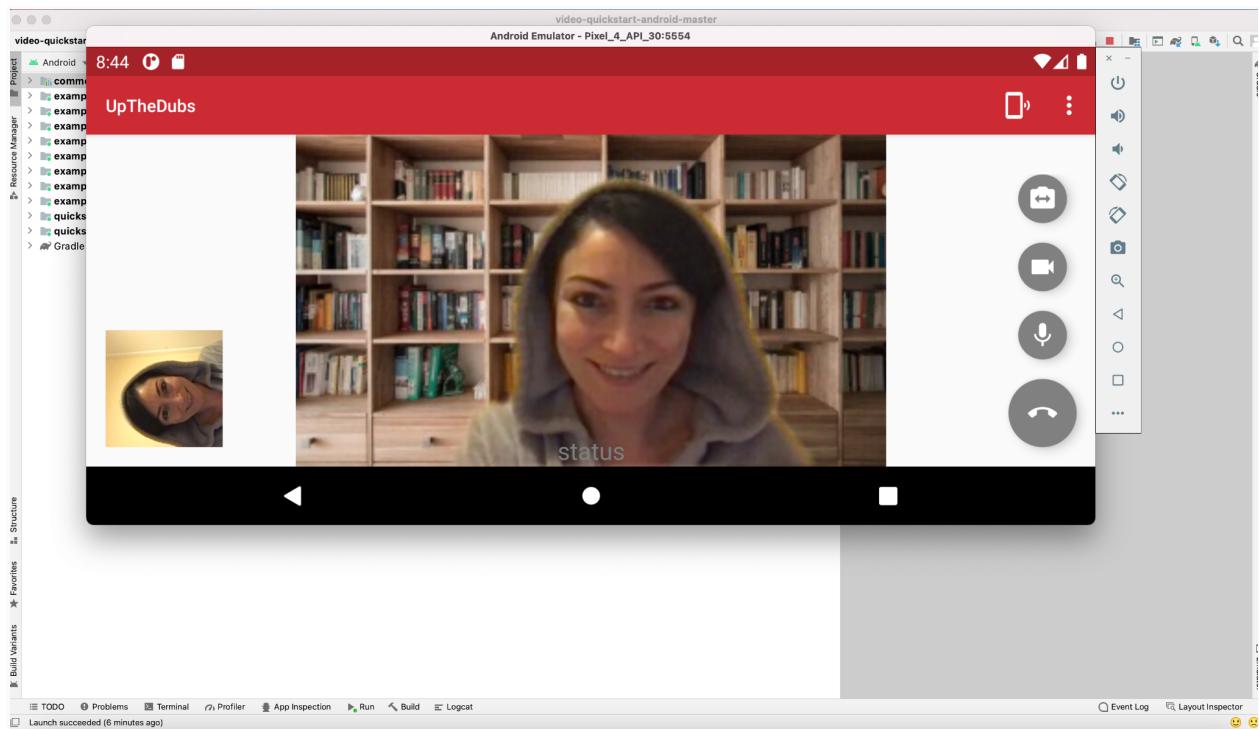
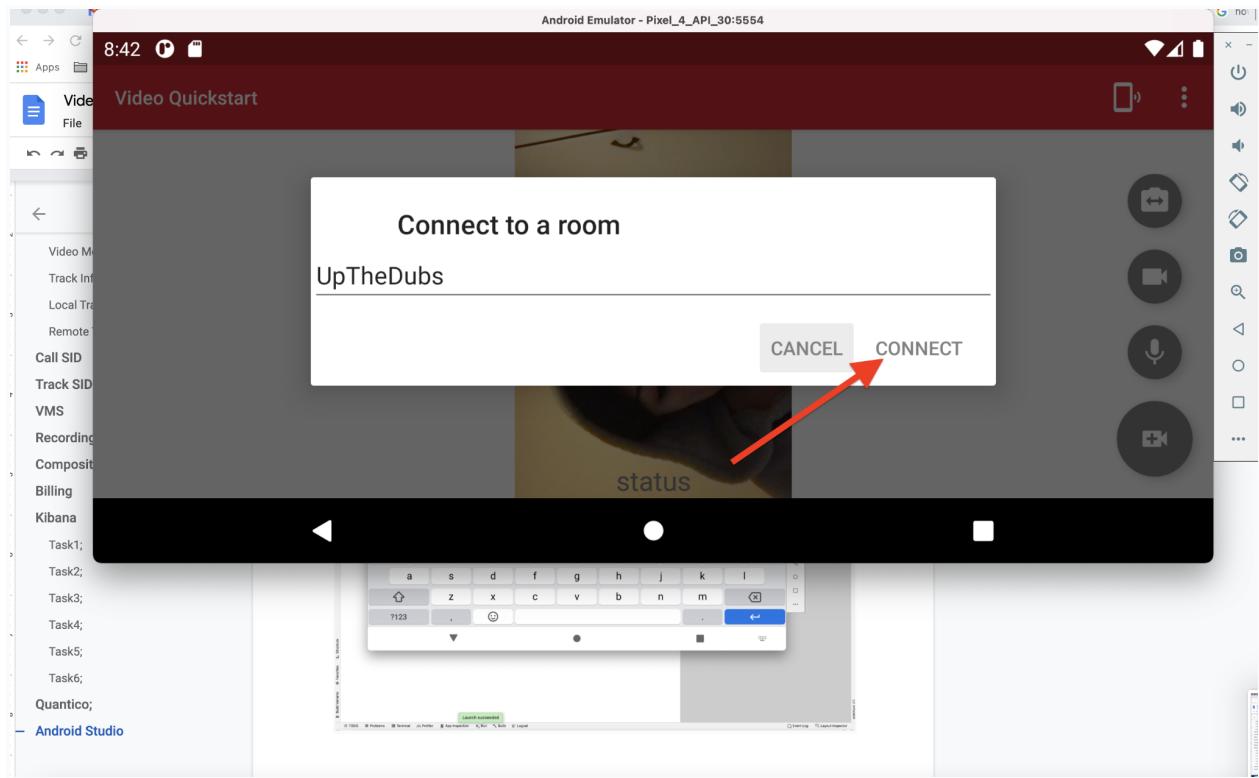
Aa @ ⓘ ⏪ ⏴

<https://twilio.enterprise.slack.com/files/WJ2S02S02/F02D0JTCBC1/rmf4e5202a3946c3bd6759cf18ec78fa9-summary.log>

Room2: RM4df55908451d8f14aa759d19ffc66c42

Room Name: UpTheDubs





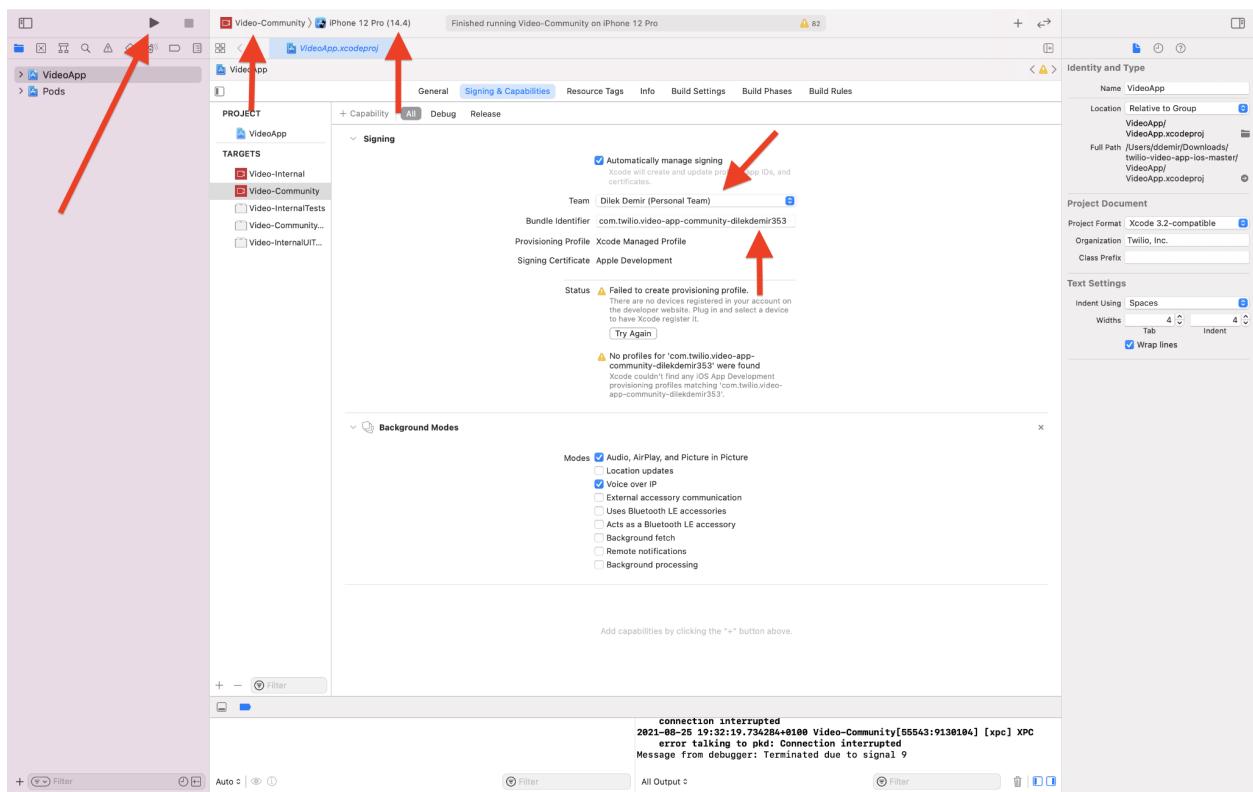
<https://twilio.enterprise.slack.com/files/WJ2S02S02/F02C79V2TT9/rm4df55908451d8f14aa759d19ffc66c42-summary.log>

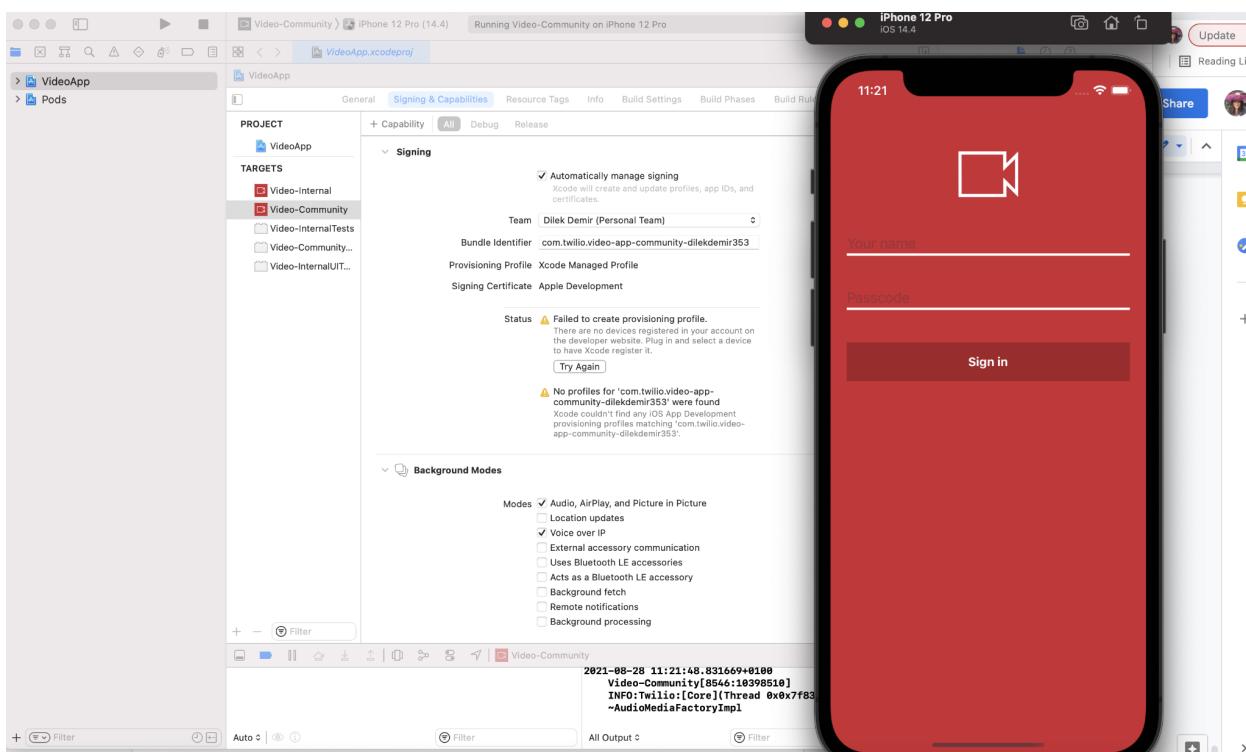
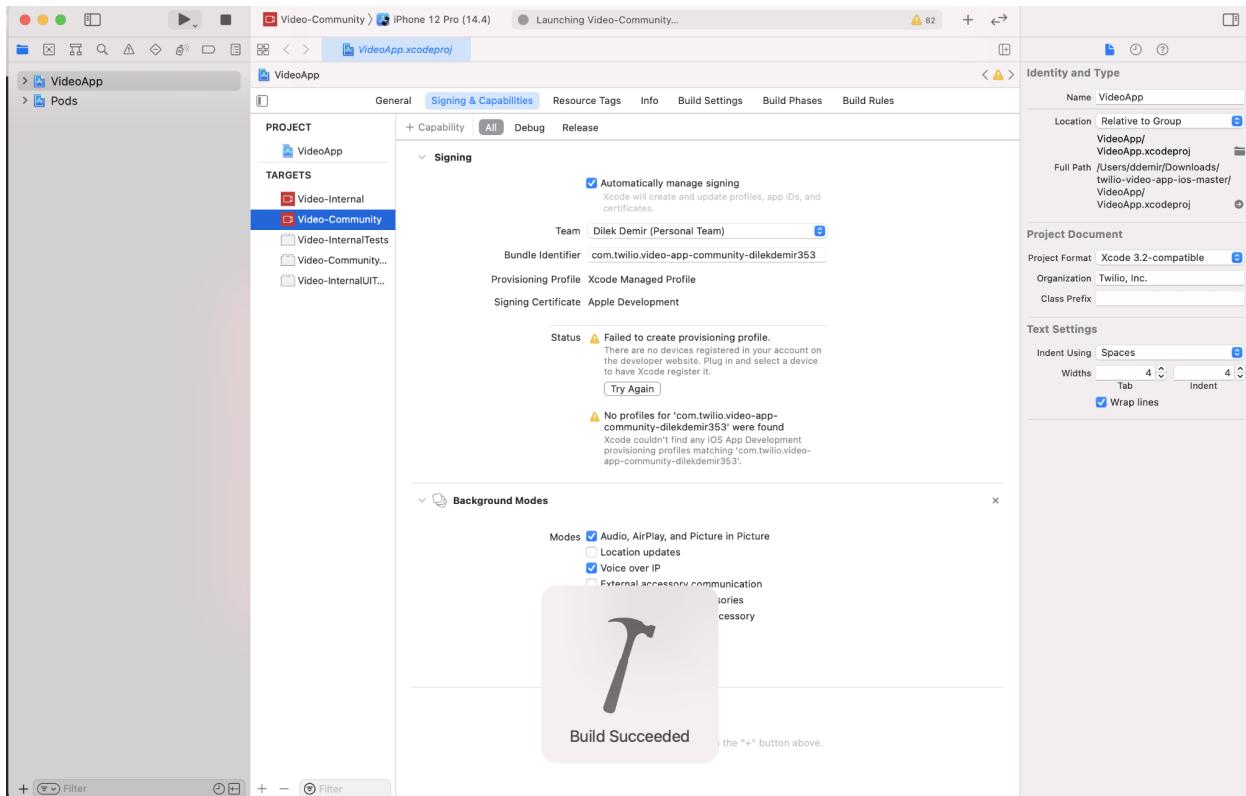
## Xcode

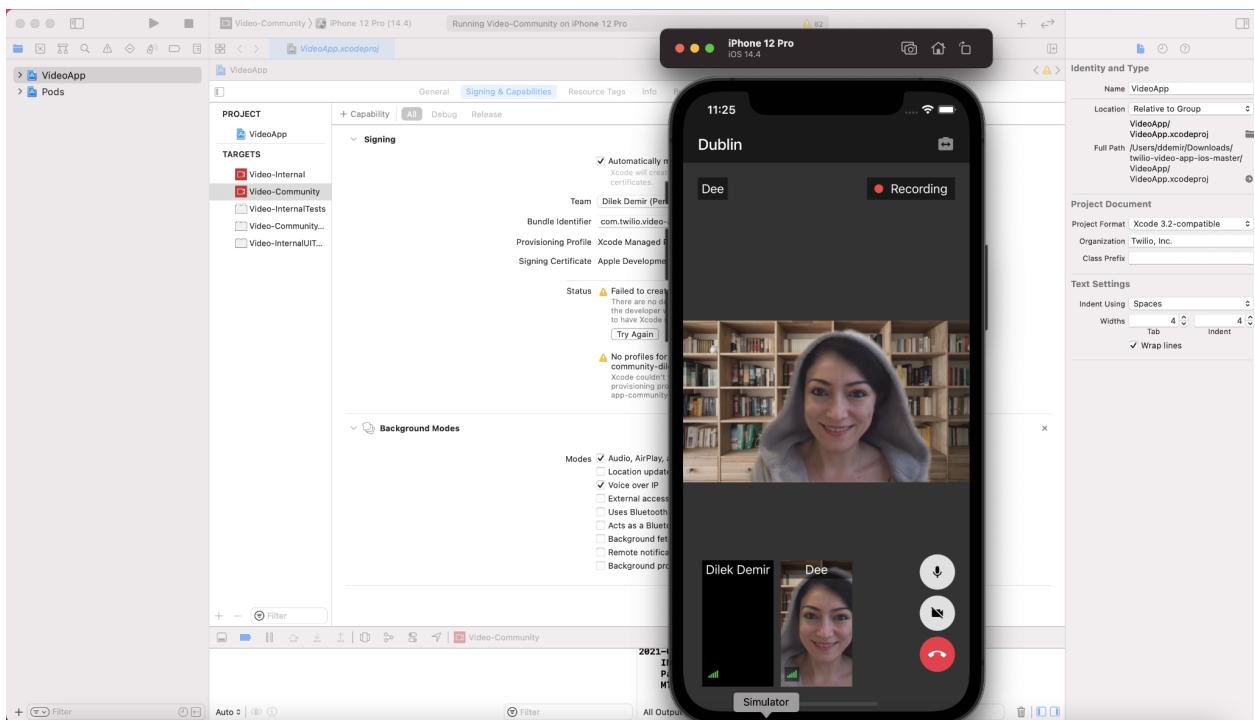
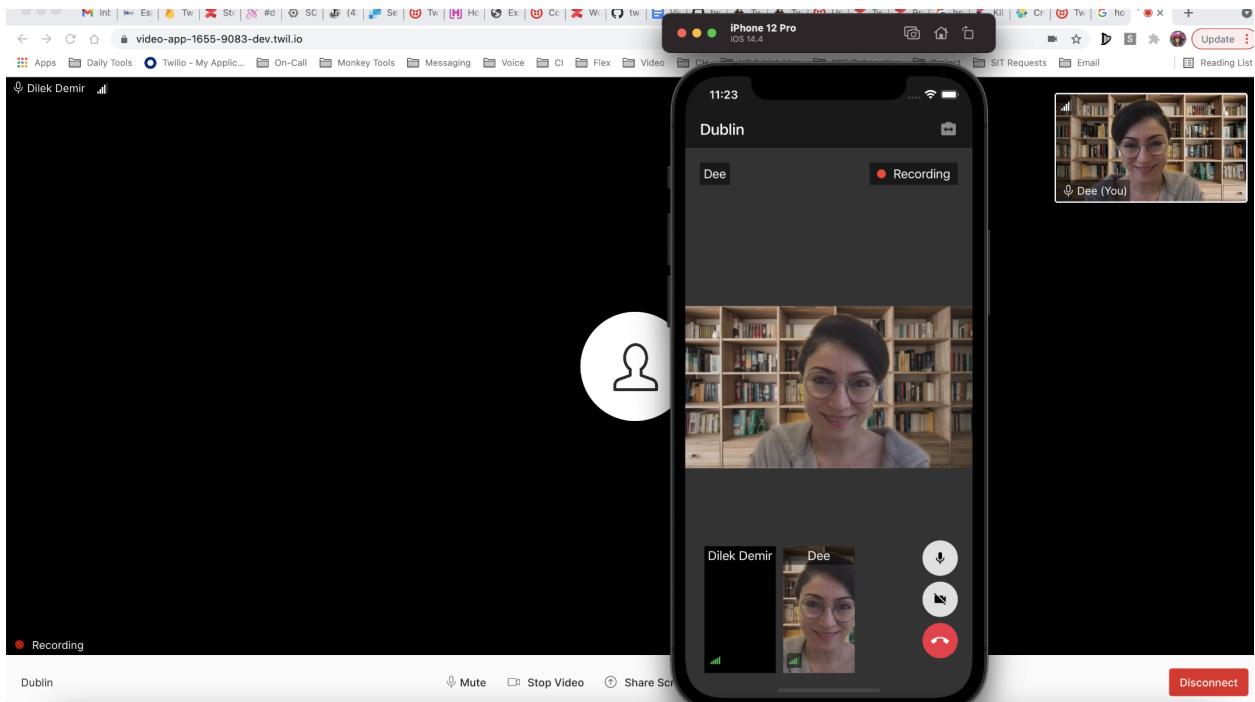
Take a screenshot with XCode set up and the <https://github.com/twilio/twilio-video-app-ios> iOS SDK Ahoy! Demo App loaded. Taking screenshots as you go, launch the emulator, join a group room, and join the room created by the iOS app from your browser using the <https://github.com/twilio/twilio-video-app-react> JS SDK Ahoy! Demo App. Post SIDs and screenshots to the GitHub Document.

Room SID: RMa102f42d661b5f7d5d8612ed18457a6d

Room name: Dublin







**Programmable-Video Bot**

[Messages](#) [About](#)

**Programmable-Video Bot** APP 11:27 AM

Participants Info ▾

1	joined (UTC)	left (UTC)	sid	identity	ICE	published	subscribed
2	-----	-----	-----	-----	-----	-----	-----
3	2021-08-28 10:23:17.885	2021-08-28 10:26:39.711	PAf6e6de526846b66f8ca1c21b6cdff17d	Dilek Demir	YES	YES	YES
4	2021-08-28 10:23:38.969	2021-08-28 10:26:37.526	PA602fa109a529bc8cdc10162cec8272cb	Dee	YES	YES	YES

Room Summary Report ▾

```

1 Summary for Room: Dublin | RMa102f42d661b5f7d5d8612ed18457a6d | ACa1e4170bbd0ebb44a0c5709d44602df0
2 Topology: group | Adhoc: False | TURN: True | Recording on Connect: True | Video Codecs: H264,VP8 | Media Region: us
3 VMS: VM9269a880c18b0f4559f2af1f6dfee254
4 Participants:
5 P1: PAf6e6de526846b66f8ca1c21b6cdff17d | CA8f48e36915527c89a22a5e8c648a4aaf | Dilek Demir | planb | ios 4.4.0 / 14.4
6 P2: PA602fa109a529bc8cdc10162cec8272cb | CA797d7b832a7e019d3b9b57a9806e185 | Dee | unified | jsdk 2.15.3 | Chrome 92.0.4515
7 2021-08-28T10:23:16.771Z: [add_labeled_room]
8 2021-08-28T10:23:16.772Z: [room_created]
9 2021-08-28T10:23:17.884Z: P1 sent connect with audio tracks and ICE servers acquired from ECS
10 2021-08-28T10:23:17.884Z: P1 sent offer for peer connection id d8Cbf0Deda90AedE08F17fA33f381374 revision: 1
11 2021-08-28T10:23:17.884Z: P1 requests active_speaker, network_quality, track_priority, track_switch_off
12 2021-08-28T10:23:17.884Z: P1 requests video bandwidth profile with mode as collaboration, maximum number of tracks: 5
13 2021-08-28T10:23:17.885Z: [add_room_recording] with recording rules: { include all }
14 2021-08-28T10:23:17.955Z: P1 received connected
15 2021-08-28T10:23:17.955Z: P1 received answer for peer connection id d8Cbf0Deda90AedE08F17fA33f381374 revision: 1
16 2021-08-28T10:23:17.955Z: P1 published audio: microphone / MT71413797736d7c1ba836703a664f6663 revision: 1 priority: standard
17 2021-08-28T10:23:17.955Z: P1 received track_priority : ebd933b2-f542-47fd-8f76-aedc999b715c, active_speaker : 5435ba7-279a-4439-bfb0-dba56394db37, track_switch_off : dd718d35-a680-46f4-8282-66e344a3c745, network_quality : 37aae9cb-a24d-4425-a06d-440a93f25987
18 2021-08-28T10:23:17.955Z: P1 is connected with media region us1, signaling region us1, and session timeout 30
19 2021-08-28T10:23:17.956Z: P1 received offer for peer connection id d8Cbf0Deda90AedE08F17fA33f381374 revision: 2
20 2021-08-28T10:23:18.263Z: P1 sent ice complete for peer connection id d8Cbf0Deda90AedE08F17fA33f381374 with no ice candidates (could be in SDP) revision: 1
21 2021-08-28T10:23:18.288Z: P1 sent answer for peer connection id d8Cbf0Deda90AedE08F17fA33f381374 revision: 2
22 2021-08-28T10:23:18.397Z: [ice_connection_state_change] for P1 with state CONNECTED
23 2021-08-28T10:23:26.213Z: [ice_connection_state_change] for P2 with state COMPLETED
24 2021-08-28T10:23:38.967Z: P2 sent connect with audio + video tracks
25 2021-08-28T10:23:38.967Z: P2 sent offer for peer connection id 5b76315b-69fa-4262-8c42-833799a197a8 revision: 1
26 2021-08-28T10:23:38.967Z: P2 requests active_speaker, network_quality, render_hints, track_priority, track_switch_off
27 2021-08-28T10:23:38.967Z: P2 received connected
  
```

Message Programmable-Video Bot

B | I |  $\oplus$  |  $\leftarrow$  |  $\rightarrow$  |  $\leftarrow\rightleftharpoons$  |  $\rightleftharpoons$  |  $\leftarrow\leftarrow$  |  $\rightleftarrows$  |  $\leftarrow\leftarrow\rightleftarrows$  |  $\rightleftarrows\rightleftarrows$

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<https://twilio.enterprise.slack.com/files/WJ2S02S02/F02CP4R0ND8/rma102f42d661b5f7d5d8612ed18457a6d-summary.log>