

Programmable-Video Bot (a Slack App)

The screenshot shows the Programmable Video Bot Slack app interface. At the top, there's a header bar with the bot's name and a video camera icon. Below the header, a navigation bar has 'Messages' and 'About' tabs. The main area displays a message from the bot itself, showing its status as 'Running as PID 7 since Tue Apr 2 22:42:06 2024'. A timestamp '12:32' is also visible. On the right side of the message, there are several small icons for interacting with the message. The message content lists various command aliases and their descriptions:

- Aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa
Accounts Default Room Settings, if set
- PAaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa
Participant report including getStats, Room/Protocol track errors, codecs
- RMaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa
Room summary report
- CAaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa [all | summary (default)] [pretty-print]
Voice Participant report
- MTaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa
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

 **Programmable Video Bot** ▾

Messages About

 **Roshan Kumar Singh** 12:34 PM
AC0fe10850d5dc75aba1068262c3cc6c8a

Today ▾

 **Programmable Video Bot** APP 12:34 PM
Account Info for AC0fe10850d5dc75aba1068262c3cc6c8a



Account Info	
Created On	Alias
2024-04-05T10:37:26.903Z	Video
Modified On	Configuration
2024-06-24T18:24:10.814Z	VS57cfb939b64b8a7bfa2f043b9cb33bc2
Adhoc Room	Turn
enabled	enabled
Media Region	Record Participants on connect
us1	enabled
Room Timeout	Room Type
300	peer-to-peer
Status Callback URL	Status Callback Method
https://webhook.site/58b78aa4-2531-4ffa-80d5-d5477f8a31bb	POST
Video Codecs	Account Read Rate Limit
VP8,H264	80
Account Write Rate Limit	Rooms Concurrent High
20	2
Participants Concurrent High	Concurrent Max Limit
3	10000

Recently created Rooms ▾

1	timestamp	room sid	room name	media region	room
	type	video codecs			

Programmable Video Bot						
Messages		About				
12:34 Recently created Rooms ▾		Today ▾				
1	timestamp	room sid	room name	med	us1	group
2	type	video codecs				
3	2024-06-24T18:25:12.813Z	RM91a2bd16faf4ef4d90339fb1fae6f0b6	secure		us1	group
4	H264, VP8					
5	2024-06-24T18:25:10.729Z	RM91a2bd16faf4ef4d90339fb1fae6f0b6	secure		us1	group
6	2024-06-24T17:18:53.503Z	RMa963579eb5cce37d1395f828a0028783	peers		us1	group
7	H264, VP8					
8	2024-06-24T17:18:51.552Z	RMa963579eb5cce37d1395f828a0028783	peers		us1	group
9	2024-06-24T15:54:54.310Z	RMc0076da31213941de205c22641a00cd2	Avatars		us1	group
10	H264, VP8					
11	2024-06-24T15:54:52.159Z	RMc0076da31213941de205c22641a00cd2	Avatars		us1	group
12	2024-06-24T06:30:49.442Z	RMe17a98eecc982c82b72b14f81d3c32fe	Avatars		us1	group
13	VP8, H264					
14	2024-06-24T06:30:46.107Z	RMe17a98eecc982c82b72b14f81d3c32fe	Avatars		us1	group
15	2024-06-20T05:38:03.097Z	RM65a4f48bdd61873e2260918392607123	testroom1		us1	group
16	H264, VP8					
17	2024-06-20T05:38:03.094Z	RM65a4f48bdd61873e2260918392607123	testroom1		us1	group
18	2024-06-20T05:27:58.810Z	RMb2fefc483927b4a5d4f1100fde5494af	testroom1		us1	group
19	H264, VP8					
20	2024-06-20T05:27:58.810Z	RMb2fefc483927b4a5d4f1100fde5494af	testroom1		us1	group
21	2024-06-20T05:27:14.994Z	RMa29e171b92ceb6f24c70239803f333b6	testroom1		us1	group
22	H264, VP8					
23	2024-06-20T05:27:14.990Z	RMa29e171b92ceb6f24c70239803f333b6	testroom1		us1	group
24	2024-06-20T05:24:52.717Z	RM6036eca5e3017063456de00b950eec30	testroom1		us1	group
25	H264, VP8					
26	2024-06-20T05:24:52.715Z	RM6036eca5e3017063456de00b950eec30	testroom1		us1	group

<https://console.twilio.com/us1/monitor/insights/video/video-rooms/RMc0076da31213941de205c22641a00cd2/participants/PAe68fe2c37825ed57f1d43d8e0a316019>

Messages About

 **Roshan Kumar Singh** 12:47 PM PAe68fe2c37825ed57f1d43d8e0a316019

 **Programmable Video Bot** APP 12:47 PM Participant Analysis for PAe68fe2c37825ed57f1d43d8e0a316019



Participant Info	
Identity	RoomSid
Aang	RMc0076da31213941de205c22641a00cd
	2
AccountSid	Account Friendly Name
AC0fe10850d5dc75aba1068262c3cc6c8a	None
Country	City
None	None
Start Time	End Time
2024-06-24T15:54:54.31Z	2024-06-24T16:15:39.209Z
Date Created	Date Update
2024-06-24T15:54:54.31Z	2024-06-24T16:15:39.209Z
Duration	Status
1244	disconnected
Browser	Browser Version
Chrome	126.0.0.0
Platform Name	Platform Version
Mac%20OS	10.15.7
Hardware Device Model	Hardware Device Manufacturer
None	None
Hardware Device Architecture	SDK Version
None	2.28.1
Video Codec	
VP8	

Messages About

No errors found for PAe68fe2c37825ed57f1d43d8e0a316019 Today ▾

Track Events ▾

rev	timestamp	event	sid	id
kind				
3	2024-06-24T15:54:54.486Z	track_added	MT4be474a271f5a0dbe968c425779be3d3	f601d1e3-9ed3-4fba-b7aa-e4f0201972fb
video				
4	2024-06-24T15:54:54.486Z	track_added	MT5d00f9c27b1e90cef4d7619d73de2a4a	9da3edf8-734b-4cb8-b6e4-3ba761408aaf
audio				
5	2024-06-24T16:12:59.385Z	track_disabled	MT5d00f9c27b1e90cef4d7619d73de2a4a	9da3edf8-734b-4cb8-b6e4-3ba761408aaf
audio				

Selected active-ice-candidate-pair:

direction	type	ip	port
remote	host	3.235.111.245	16330
local	srfcx	103.88.103.59	60672

Group Room ice events:

timestamp	ice state
2024-06-24T15:54:55.109Z	CONNECTED
2024-06-24T15:55:02.819Z	COMPLETED

12:47 VSG events for PAe68fe2c37825ed57f1d43d8e0a316019 ▾

- 1 Room Name: Avatars | Sid: RMc0076da31213941de205c22641a00cd2 | Account Sid: AC0fe10850d5dc75aba1068262c3cc6c8a
- 2 Call Sid: CAfc5031fb17cef6adbfcbbde011798e43 | Participant Sid: PAe68fe2c37825ed57f1d43d8e0a316019 | Identity: Aang | Signaling Region: in1
- 3 2024-06-24T15:54:53.588Z: INITIAL to AUTHENTICATING on event room-info-ws-request
- 4 2024-06-24T15:54:53.792Z: AUTHENTICATING to ICING on event authentication-event: {"success":true}
- 5 2024-06-24T15:54:53.792Z: ICING to ICED on event authentication-success {"success":true, "Identity": "Aang", "Room": "Avatars", "Call": "RMc0076da31213941de205c22641a00cd2", "Participant": "PAe68fe2c37825ed57f1d43d8e0a316019", "SignalingRegion": "in1", "Event": "authentication-event", "EventTime": "2024-06-24T15:54:53.792Z", "EventSource": "VSG", "EventTarget": "RMc0076da31213941de205c22641a00cd2", "EventDetail": "Success", "EventCode": 200}

RMc0076da31213941de205c22641a00cd

Messages	About
RMc0076da31213941de205c22641a00cd2	Today ▾
 Programmable Video Bot APP 12:49 PM	    
Room Info	
AccountSid	Created On
AC0fe10850d5dc75aba1068262c3cc6c8a	2024-06-24 15:54:54.310
Ended On	Room Name
2024-06-24 16:53:15.894	Avatars
VideoMediaServerId	Status Callback
VM672a66bc9c74b85a7b8bcc74f697601	POST https://webhook.site/58b78aa4-2531-4ffa-80d5-d5477f8a31bb
6	
Room Type	Unique Participants
group	6
Unique Identities	Turn Enabled
5	True
Recordings Enabled	IsAdhoc
True	False
Completed via REST API	Is V3 Room
No	False
Media Region	Video Codecs
us1	VP8, H264
Status	Duration (seconds)
completed	3501
Maximum Participants	Maximum Participant Duration
50	14400

Participants Info ▾	
	Today ▾
1	joined (UTC) subscribed
2	----- -----
3	2024-06-24 15:54:54.311
4	2024-06-24 15:58:21.819
5	2024-06-24 16:01:31.789
	left (UTC)
	sid
	identity
	ICE
	published
1	PAe68fe2c37825ed57f1d43d8e0a316019
2	Aang
3	YES
4	YES
5	YES
	VP8, H264
	us1
	Media Region:
	Audio Only: False
	Is V3 Room: False
	VMS: VM672a66bc9c74b85a7b8bcc74f697601
	Participants:
1	P1: PAe68fe2c37825ed57f1d43d8e0a316019 CAfc5031fb17cef6adbcbdde011798e43 Aang unified jsdk 2.28.1 Chrome 126.0.0
Room Summary Report ▾	
1	Summary for Room: Avatars RMc0076da31213941de205c22641a00cd2 AC0fe10850d5dc75aba1068262c3cc6c8a
2	Topology: group Adhoc: False TURN: True Recording on Connect: True Video Codecs: H264, VP8 Media Region: us1
3	Audio Only: False Is V3 Room: False
4	VMS: VM672a66bc9c74b85a7b8bcc74f697601
5	Participants:
1	P1: PAe68fe2c37825ed57f1d43d8e0a316019 CAfc5031fb17cef6adbcbdde011798e43 Aang unified jsdk 2.28.1 Chrome 126.0.0
No errors found for RMc0076da31213941de205c22641a00cd2	
12:49	Dimensions Width (downsampling) ▾
1	participant_sid
2	-----
3	PAe68fe2c37825ed57f1d43d8e0a316019
4	MT4be474a271f5a0dbe968c425779be3d3
5	localVideoTrack
3	320
4	640
5	1280
3	PAadaab5b4acab0f04a7f236c48933061c
4	MT51f6e7007732426a22763300f09b99c1
5	localVideoTrack
3	320
4	320
5	640
3	PA8e87016c865305357808edf2fb8178af
4	MT9c2fe422238f22a5b6164c8ee877ab1e
5	localVideoTrack
3	180
4	360
5	720
Round Trip Time (RTT client) ▾	
1	participant_sid
2	-----
3	PAe68fe2c37825ed57f1d43d8e0a316019
4	228
3	229
4	249
3	PAc7c4c6f591d8602dbb0aa7089435ec1f
4	227
3	228
4	257

Messages **About**

	participant_sid	25th	50th	Today
1	PAe68fe2c37825ed57f1d43d8e0a316019	228	229	249
2	PAc7c4c6f591d8602dbb0aa7089435ec1f	227	228	257
3	PAdaab5b4aacab0f04a7f236c48933061c	223	226	248

No send/receive bandwidth found for Room sid: RMc0076da31213941de205c22641a00cd2. (Group Room only)

Track Info Summary Report ▾

1	participant_sid	track	type	codec	lost	sent	rcvd	b_sent
2	b_rcvd	fr w h						
3	PAdaab5b4aacab0f04a7f236c48933061c	MT51f6e7007732426a22763300f09b99c1	local	VP8	2	6453		7123627
4	PAdaab5b4aacab0f04a7f236c48933061c	MTf2677bbe58515ab2446e30156dd05b5c	local	opus	35	69712		1988858
5	PAdaab5b4aacab0f04a7f236c48933061c	MTcf4f60dd9e94c9d9806982fae6ac07a9	remote		0		0	

Local Tracks lost Summary Report ▾

1	participant_sid	track_id	track_type	packets_lost
2				
3	PA8e87016c865305357808edf2fb8178af	23dd92aa-152f-47f8-8668-a04f6700bd87	localAudioTrack	4
4	PA8e87016c865305357808edf2fb8178af	619d89bc-2c7f-4579-b6c3-36dd456add96	localVideoTrack	0
5	PAe68fe2c37825ed57f1d43d8e0a316019	f601d1e3-9ed3-4fba-b7aa-e4f0201972fb	localVideoTrack	

12:50 Remote Tracks lost Summary Report ▾

1	participant_sid	track_id	track_type	packets_lost
2				
3	PA8e87016c865305357808edf2fb8178af	ff1c3e47- + Click to expand inline (31 lines)	videoTrack	77
4	PA8e87016c865305357808edf2fb8178af	8186a590-e4cb-452d-b75f-83f4ca906cf4	audioTrack	36
5	PA8e87016c865305357808edf2fb8178af	c154e15c-8889-4ca3-8deb-abaf3e850cbe	audioTrack	35

Messages **About**

 **Roshan Kumar Singh** 12:52 PM
CAD1ab1168bc0938625826366ab4ebc99b

 **Programmable Video Bot** APP 12:52 PM
Video Voice signaling summary report ▾

1	Room Name: Avatars Sid: RMc0076da31213941de205c22641a00cd2 Account Sid: AC0fe10850d5dc75aba106826~
2	Call Sid: CAD1ab1168bc0938625826366ab4ebc99b Participant Sid: PAa5456d618437d057baa3d78560a1d9c2 *
3	Mixer Session Id: b4b16744-9f60-46b7-a2a7-68e0cd445fb1 Transcode Session Id: ce956730-4627-4833-beec-b227de018ed1
4	Monkey: https://monkey.twilio.com/calls/CAD1ab1168bc0938625826366ab4ebc99b
5	2024-06-24T16:43:26.259387Z: INITIAL to CREATE_TRANSCODE_SESSION on event connect-voice-participant-event
6	2024-06-24T16:43:26.286323Z: CREATE_TRANSCODE_SESSION to CONNECT_TRANSCODE_SESSION on event transcode-media-function-result
7	2024-06-24T16:43:26.424024Z: CONNECT_TRANSCODE_SESSION_LEG to TRANSCODED_SESSION_LEG_CONNECTED on event transcode-session-connected-event
8	2024-06-24T16:43:26.427808Z: CREATE_ROOM_PARTICIPANT to CREATE_ROOM_PARTICIPANT on event create-room-participant-event
9	2024-06-24T16:43:26.427465Z: TRANSCODED_SESSION_LEG_CONNECTED to CREATE_ROOM_PARTICIPANT on event transcode-media-function-result
10	2024-06-24T16:43:26.460539Z: CREATE_ROOM_PARTICIPANT to CONNECT_ROOM_PARTICIPANT_LEG on event room-info-and-host
11	2024-06-24T16:43:26.461172Z: CONNECT_ROOM_PARTICIPANT_LEG to CREATE_MIXER_OUTPUT_SESSION on event connect-mixer-output-event
12	2024-06-24T16:43:26.467401Z: CREATE_MIXER_OUTPUT_SESSION to VOICE_PARTICIPANT_CONNECTED on event connected-mixer-output-event
13	2024-06-24T16:43:26.485761Z: VOICE_PARTICIPANT_CONNECTED to VOICE_PARTICIPANT_CONNECTED on event room-info
14	2024-06-24T16:43:26.486062Z: VOICE_PARTICIPANT_CONNECTED to VOICE_PARTICIPANT_CONNECTED on event update-room-participant-event
15	2024-06-24T16:43:26.486487Z: VOICE_PARTICIPANT_CONNECTED to VOICE_PARTICIPANT_CONNECTED on event update-mixer-input-event
16	2024-06-24T16:43:26.486722Z: VOICE_PARTICIPANT_CONNECTED to VOICE_PARTICIPANT_CONNECTED on event updated-mixer-input-event
17	2024-06-24T16:43:26.48661Z: VOICE_PARTICIPANT_CONNECTED to VOICE_PARTICIPANT_CONNECTED on event update-mixer-input-event
18	2024-06-24T16:43:26.507565Z: VOICE_PARTICIPANT_CONNECTED to VOICE_PARTICIPANT_CONNECTED on event update-mixer-input-event
19	2024-06-24T16:43:26.507381Z: VOICE_PARTICIPANT_CONNECTED to VOICE_PARTICIPANT_CONNECTED on event updated-mixer-input-event
20	2024-06-24T16:43:26.507689Z: VOICE_PARTICIPANT_CONNECTED to VOICE_PARTICIPANT_CONNECTED on event updated-mixer-input-event

Messages About

Video Voice signaling summary report ▶ Today ▾

Roshan Kumar Singh 12:52 PM MTf2677bbe58515ab2446e30156dd05b5c

Programmable Video Bot APP 12:52 PM Information for track MTf2677bbe58515ab2446e30156dd05b5c

Track Info

AccountSid	RoomSid
AC0fe10850d5dc75aba1068262c3cc6c8a	RMc0076da31213941de205c22641a00cd
	2

ParticipantSid	ID
PAdaab5b4aacab0f04a7f236c48933061c	5d0b36ae-854a-4228-bf31-a8c916b593b9

Type	Codec
localAudioTrack	opus

Bytes Sent	Packets Sent
278427	11308

Packets Lost	RTT
4	224

Audio Level	Jitter
374	5

Track Events ▾ New

event	enabled	priority	timestamp
connected with track	True	standard	2024-06-24T16:15:51.429Z
removed track			2024-06-24T16:45:02.202Z
added track	True	standard	2024-06-24T16:45:20.309Z
removed track			2024-06-24T16:47:47.193Z

Roshan Kumar Singh 12:55 PM vms --room-sid RMc0076da31213941de205c22641a00cd2

Programmable Video Bot APP 12:55 PM Session for Room: RMc0076da31213941de205c22641a00cd2 ▾

```
1 -----
2 | Account: AC0fe10850d5dc75aba1068262c3cc6c8a
3 | VMS: VM672a66bc9c74b85a7b8bcc74f6976016
4 | Host: H048d96c773875b7bcc263a87306b4ed56
5 | Region: us-east-1
6 -----
7 | 2024-06-24T15:54:54.332005Z - VMS process created | Collapse ↑
8 | 2024-06-24T16:54:16.404240Z - VMS process terminated | Collapse ↑
```

 **Roshan Kumar Singh** 12:57 PM
vms --participant-sid PA8e87016c865305357808edf2fb8178af

 **Programmable Video Bot** APP 12:57 PM
Session for Participant: PA8e87016c865305357808edf2fb8178af ▾

1 No data available

 **Roshan Kumar Singh** 12:57 PM
vms --track-sid 8186a590-e4cb-452d-b75f-83f4ca906cf4

 **Programmable Video Bot** APP 12:57 PM
Session for Track: 8186a590-e4cb-452d-b75f-83f4ca906cf4 ▾

1 No data available

 **Roshan Kumar Singh** 12:58 PM
vms --recording-sid RT05db6094771cba40fb4805d7859a77f3

 **Programmable Video Bot** APP 12:58 PM
Session for Recording: <<https://www.twilio.com/console/video/logs/recording/RT05db6094771cba40fb4805d7859a77f3|RT05db6094771cba40fb4805d7859a77f3>> ▾

1 No data available

 **Roshan Kumar Singh** 1:05 PM
recordings --recording-sid RT05db6094771cba40fb4805d7859a77f3

 **Programmable Video Bot** APP 1:05 PM
Recording for Recording: RT05db6094771cba40fb4805d7859a77f3 ▾ New

```
1 -----
2 | Account: AC0fe10850d5dc75aba1068262c3cc6c8a
3 | Room: RM91a2bd16faf4ef4d90339fb1fae6f0b6
4 | Participant: PA2c8232cb7ac74e4fa52304a1024edf03
5 | Track: MTb3464c897481d297b222f19550f3777d
6 | VMS: VM4d76354d4934495fbdd4ef8988b4704b
7 | Host: H0f4499b6711f254d5be39b40e57dd1e19
8 | Region: us-east-1
9 | Codec: audio/opus
10 -----
11 | 2024-06-24T18:25:13.029669Z - Recording started
12 | 2024-06-24T18:25:14.101546Z - Decodable state changed
13 | 2024-06-24T18:25:22.844599Z - Recording stopped - Duration: 8365
```

 **Roshan Kumar Singh** 1:04 PM
compositions --account-sid AC0fe10850d5dc75aba1068262c3cc6c8a

 **Programmable Video Bot** APP 1:04 PM
Recent compositions for AC0fe10850d5dc75aba1068262c3cc6c8a metadata report ▾

1 No compositions found

 **Roshan Kumar Singh** 1:07 PM
billing --account-sid AC0fe10850d5dc75aba1068262c3cc6c8a

 **Programmable Video Bot** APP 1:07 PM
Please wait...

No data available

Media Recordings Bot (a Slack App)

A screenshot of a Slack channel interface. The channel is named "Media-Recordings bot". The "Messages" tab is selected. A message from "Roshan Kumar Singh" at 1:11 PM shows a command: "compositions --account-sid AC0fe10850d5dc75aba1068262c3cc6c8a". A timestamp "Tuesday, June 25th" is shown next to it. A message from "Media-Recordings bot" at 1:11 PM shows a response: "Recent compositions for AC0fe10850d5dc75aba1068262c3cc6c8a metadata report". Below this, a message says "1 No compositions found".

A screenshot of a Slack channel interface. The channel is named "Media-Recordings bot". A message from "Roshan Kumar Singh" at 1:14 PM shows a command: "billing --account-sid AC0fe10850d5dc75aba1068262c3cc6c8a". A message from "Media-Recordings bot" at 1:14 PM shows a response: "No data available". There is a small "G+" icon in the top right corner of the message area.