CDSS Web Chat

Singing and Playing Music in REAL TIME!

An online discussion for organizers of song communities and open bands

Wednesday, January 13, 2021

Chat Bar Transcription

00:50:59   Sarah Pilzer: http://phillysacredharp.org

00:51:10   Sarah Pilzer: http://phillyfasola.bot.nu

01:05:48   Sarah Pilzer: http://phxtmd.org/virtual

01:08:40   Janet Chandler: How does one go about accessing a public server?

01:08:44   Maro Avakian: On Jamulus, does everyone get the mixing board?

01:08:45   Pamela Weems: Ditto

01:08:46   Bonnie Lubinsky: what is raspberry pi?

01:08:47   David Barnert: Does combining with Zoom degrade the quality of the Jamulus experience (we had found that JamKazam worked better if we turned off the video)?

01:08:47   Joshua Goldman: cost of using server on cloud?

01:08:53   Lakshmi Nayak: Could you talk again about how Jamulus works with wireless users, given that you said it works best with a wired connection?

01:08:55   Jim Klingler: How do you run the sound into Zoom? Both speakers mentioned it.

01:09:05   Chris Levey: I can get 11ms ping times but best is 50ms for the music; any suggestions?

01:09:07   Mary and Stef Donev: what's Rachel Hall's email please

01:09:14   Diane Silver: Rachel -- you said for people farther from the server, they can hear but you keep their volume low. How does it work on their end -- is there a delay?

01:09:22   Patricia Campbell: Why do you have to use headphones? And.. How much do the non-public servers cost to use?

01:09:23	Sara Palmer:	I have two questions: (1) for non-techies, how challenging is the learning curve for people managing a server?

01:09:44	Sara Palmer:	and (2) are any private Jamulus servers free?

01:09:54	Sally Donaldson:	How do you know if you have a high speed server?

01:09:56	Alexandra Gubin:	do you have to have an audio interface? what is an audio interface? can a regular audio mixer work?

01:10:00	Win Aldrich- California: We are using Jamulus at Claremont Community School of Music. How do you pipe Jamulus to Zoom- we use Loopback and Logic Pro X

01:10:02	Daniel Beerbohm:	How to "pipe" Jamulus audio to Zoom?

01:10:02	Patricia Campbell:	How do you connect Jamulus to zoom?

01:10:03	Eric Black CA:	And the mixing board only affects what YOU hear, it doesn't affect what other people hear; they adjust their own mixing board to adjust their sound.

01:10:04	Terri Lukacko:	JamKazam now has 4 levels of service. Varies by hours, bells and whistles, taking lessons, giving lessons, and such.

01:10:05	Janet Chandler: Can Jamulus work also with a group that includes both singing and instruments?

01:10:06	Jack Mitchell:	Do you have to do your zoom video on a different device?

01:10:07	Eve Rantzer:	It is far more organic for two composers working together on a zoom to speak without headphones; to play together without headphones. Is it absolutely impossible to talk together and/or play using speakers? Thanks

01:10:11	Cheryl Joyal:	what is raspberry pi?

01:10:11	David Summers: are you using digital mics or analog mics with a DAC? does it matter

01:11:21	Russell Almond: I've been trying to record using overdubbing and I've been struggling to calibrate the latency on the microphone and mixing board. Do I need to do any of that do Jamulus?

01:11:34	Tom Morley:	I came in late and am wondering if the recording of this session will be made available to access and watch later?

01:11:48	Russell Almond: Also, how "fast" is a fast computer? Is there a recommended configuration for an AWS or Google server?

01:11:49   Janice Alvarado: What are you using the raspberry for? Does it work instead of a computer?

01:11:52   Bryan Flamig: "Raspberry Pi" is a small computer the size of a pack of cigarettes runs $35-100. You can dedicate it for just Jamulus

01:12:14   Bryan Flamig: By being dedicated you reduce delay variations

01:12:35   Graham Baldwin: Rachel - you say you're using a Mac. I tried to download Jamulus to my Mac but it wouldn't accept it due to security concerns. How did you get around this?

01:12:40   Joel Bluestein: Is anyone using this for bands and callers to call dances? If not, why not?

01:12:48   Christopher Gecik: Reading the Jamulus documentation, it is stressed to NOT have other apps running — especially those that need the ethernet. Isn't running Jamulus and Zoom (for example) self-defeating???

01:13:16   Vince O'Donnell: What is a Jack program and how does it relate to this process?

01:13:31   Christopher Gecik: Is the Raspberry Pi acting as a server or as an endpoint?

01:14:22   Rick Mohr: On Windows VoiceMeeter is similar to BlackHole for Mac

01:14:29   Bryan Flamig: If you are getting 11ms ping times but 50ms overall, then it's due to network quality (info gets interrupted and rerouted a lot) or slower audio interfaces

01:14:49   Bob Follansbee: I'm curious to know what is the largest number of choral singers that has been successful. (We have 50+ singers, not all of the same level of musicality!)

01:14:53   Patricia Campbell: How do you check latency time?

01:14:58   Christopher Gecik: Re: delays 20 ms = 22 ft distance; 50 ms = 56 ft distance.

01:15:25   Matt Kirby: Does Jamulus have any sort of bandwidth available for creative media --metronome-like visuals or click-track maybe, etc.?

01:15:32   Bryan Flamig: there have been experimental Jamulus servers that have run up to 50 musicians at once

01:15:33   Christopher Gecik: Is Rachel sitting at a university?

01:16:03   Katy German (she/her): This Web Chat is being recorded and will be available on the CDSS website in a few days.

01:16:07   Eric Black CA: Delay includes software on your computer and the central server, and round-trip time.

01:16:10   Graham Baldwin: How do you find a public server?

01:16:14   Kathy Shimberg: Cost of mixing board?

01:17:08   Chip Prince: Thanks, Katy! This is a great resource, especially for those of us who are tech infants, so to speak.

01:17:11   Bryan Flamig: All the public servers can be found right from the Jamulus interface

01:17:14   Kathy Shimberg: What is maximum tolerable latency?

01:17:15   Rich Dempsey: The mixing board is virtual, created by the Jamulus software

01:17:33   Graham Baldwin: Can you go through the logical process of setting up Jamulus - 1. Finding a server 2. Installing Jamulus on that server 3. Installing Jamulus on the remote machines. etc. etc.

01:18:43   Judy Keeling: I've received "live" music via Source Connect Now and called English Country Dances with it on Zoom. Can't answer questions about HOW, but could put you in touch with someone.

01:19:51   John Patcai: An Ottawa musician / computer person has put together a system with minimal delay - it rides on top of a "jack" program, an appears to use an engineer as well. May be overkill, and we are still investigating cost...
https://syncspace.live/perform/

https://ottawacitizen.com/news/incredible-feat-ottawa-man-creates-site-allowing-long-distance-musicians-to-play-online-in-real-time

01:20:02   Graham Baldwin: How critical is it to have headphones? (I don't need them for Zoom.)

01:20:21   Christopher Gecik: I have 1GB service in my lab at the university. Can I set up my own server on a shelf and do this with non-recurring costs?

01:20:32   Cis Hinkle: Donna uses Source Connect Now

01:20:33   Eric Black CA: No, Donna and several other groups use Source-Connect-Now to do audio and feed it into Zoom

01:20:35   Janine Smith: It uses a different program SCN (Source Connect Now)

01:20:49   Janine Smith: What Eric said! lol!

01:21:22   Janine Smith: And what Cis said! Haha!

01:22:10   Rick Mohr: Philly contra dances use SourceConnect to pipe musicians (who are physically together) to a caller (who is somewhere else), who then broadcasts over zoom. No Jamulus (yet...)

01:22:26   Cheryl Joyal: Thank you - this was great but need to run! Can't wait for the "movie"

01:22:35   Ron Nieman: Phillyfasola.bot.nu has great getting started instructions

01:23:03   Jim Klingler: Are you using the mic built into the headphones? How many channels does each musician need?

01:23:08   David Barnert: Doesn't have to be headphones: I use free airline earbuds.

01:23:33   Graham Baldwin: There seem to be a lot of steps to follow to get Jamulus to work, including investment in extra gear (headphones, microphone) none of which I need when using Zoom!

01:23:37   Flawn Williams: Avoiding speakers by using headphones solves many problems, including feedback/echo of your own voice and also having others' voices pick up in your microphone and loop back to them.

01:23:41   Patricia Campbell: Even if you have a wireless microphone going directly into your computer, would you still get feedback without headphones?

01:24:20   Diane Silver: Dave Marcus has put together a terrific manual for using Source Connect Now for calling dances. He runs the Atlanta DistDance (and I saw him on this call -- thanks Dave!)

01:24:46   Patricia Campbell: Dave Marcus - can you put your contact info in here?

01:24:56   Ron Nieman: SCN (Source Connect Now) Does not allow you to play together in real time

01:25:03   Eric Black CA: I can share lots of info. Here's a start: https://drive.google.com/file/d/1aqcKJMgQE2VbNIE83JTRYRXIGetKJ_hk/view?usp=sharing

01:25:16   Graham Baldwin: IMHO, it certainly sounds a potentially expensive "trial"!

01:25:37   Cara Sawyer: @Graham you surely could keep using Zoom! Your choice!

01:25:38   Diane Silver: No, SCN is what most contra groups have been using to sync bands and callers -- different context, but it got brought up.

01:25:59   Graham Baldwin: And there appears to be a lot of tech stuff that someone has to deal with! It sounds like you'll need a

01:26:10   Graham Baldwin: ..tame tech expert!

01:26:44   David Barnert: We left JamKazam for Jamulus because the connections in JK were often too unstable.

01:26:46   Terri Lukacko: I'm on JamKazam. I pay $10/month.

01:27:01   Terri Lukacko: Friend me if you're on JamKazam.

01:27:02   Eric Black CA: I'm having good results trying out Sonobus, which is a peer-to-peer topology. There are some very informative Youtube videos for Sonobus that describe where the various forms of latency come in, and that would apply to Jamulus as well.

01:27:13   Bob Follansbee: It seems like the vocal style of shape note singing - i.e., non-percussive - lends itself well to Jamulus? Is this true?

01:28:31   Alex Cumming: my brother in law Jeff Kaufman has created a bucket brigade system for singing.... https://echo.jefftk.com/no-video-temp/

01:29:26   David Barnert: Has everybody seen this (from early in the pandemic, not simultaneous, but combined individual videos)?

The Sacred Harp Quarantine Chorus - pg. 146 Hallelujah

https://youtu.be/xKMiPMcN_l8

01:47:56   Katy German (she/her): Your feedback REALLY matters!

01:48:04   Sara Palmer: Yay, glad you mentioned the Bucket Brigade!

01:48:36   David Beaufait: Thank you. Very well organized.

01:48:36   David Colpitts: Thank you so much. Great program!

01:48:42   Cara Sawyer: Thank you so much!!!

01:48:54   Patricia Campbell: Thank you - this was *really* helpful!!!

01:48:57   Norm Stewart: This is changing so fast, it might be a good idea to have an update on this every 6 months or sooner.

01:48:59   Sharon Spangler: Terrific program. Thank you!

01:49:01   Suzanne Frank: get vaccinated!

01:49:03   Rebecca Finster (she/her):   thank you to all

01:49:08   Diane Silver: Thank you Linda, Sarah, Crispin, Katy, Kelsey, Nikki -- and Rachel and Ron! This has been super enlightening!

01:49:10   Sara Palmer: At my public library, we're hoping to share similar information with our community (ways for them to engage in group singing). I may be in touch with CDSS later.

01:49:13   Tony Martin: Very helpful! Thank you!

01:49:14   Christine Rua: Thanks all!

01:49:23   Terri Lukacko: Discount tickets for the Flurry Festival until _9PM_

01:49:23   Pamela Weems:Many thanks!

01:49:25   Chip Hedler: Thanks so much!!!

01:49:26   Chip Prince: Yeah, what Norm said. Tech is a moving target these days, and everyone's evolving!

01:49:29   Jim Klingler: Thank you for this informative session.

01:49:29   Ann Johnson: Thanks

01:49:31   Terri Lukacko: https://flurryfestival.org

01:49:40   Lakshmi Nayak: Thank you

01:49:50   Michael Darby: Thanks all!

01:49:52   Bonnie Milner: Thanks very much - looking forward to when we can all sing and dance together again.

01:49:54   Christa Torrens: Thanks, all!

01:49:56   Penny Anderson: Thanks a million for this!!!

01:49:59   Janice Alvarado: thx so much!

01:49:59   Luanne Stiles: Great talk. Thank you!

01:50:01   Laura Russell: Thank you!

01:50:04   Bob Dupre: Thank you!

01:50:08   Matt Kirby: Big thanks to all and the CDSS

01:50:13   Jeremy Kessler (he/him):   Thank you!

01:50:14   Stacy Roth: Thank you !

01:50:14   Susie Lorand: Many thanks to all!

01:50:26   Bonnie Lubinsky: thanks all!

01:50:56   Katy German (she/her): So many wonderful faces!!!