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?
Sara Palmer: I have two questions: (1) for non-techies, how challenging is the learning curve for people managing a server? and (2) are any private Jamulus servers free?

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

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

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

Daniel Beerbohm: How to “pipe” Jamulus audio to Zoom?

Patricia Campbell: How do you connect Jamulus to zoom?

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.

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

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

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

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

Cheryl Joyal: what is raspberry pi?

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

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?

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

Russell Almond: Also, how "fast" is a fast computer? Is there a recommended configuration for an AWS or Google server?
Janice Alvarado: What are you using the raspberry for? Does it work instead of a computer?

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.

Bryan Flamig: By being dedicated you reduce delay variations.

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?

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

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?!

Vince O’Donnell: What is a Jack program and how does it relate to this process?

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

Rick Mohr: On Windows VoiceMeeter is similar to BlackHole for Mac.

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

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!)

Patricia Campbell: How do you check latency time?

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

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

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

Christopher Gecik: Is Rachel sitting at a university?

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/


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!
And what Cis said! Haha!

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...)

Thank you - this was great but need to run! Can’t wait for the “movie”

Phillyfasola.bot.nu has great getting started instructions

Are you using the mic built into the headphones? How many channels does each musician need?

Doesn’t have to be headphones: I use free airline earbuds.

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!

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.

Even if you have a wireless microphone going directly into your computer, would you still get feedback without headphones?

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!)

Dave Marcus - can you put your contact info in here?

SCN (Source Connect Now) Does not allow you to play together in real time

I can share lots of info. Here’s a start: https://drive.google.com/file/d/1aqcKjMQgQE2VbNIE83JTRYRXIGetKjik/view?usp=sharing

IMHO, it certainly sounds a potentially expensive “trial”!

@Graham you surely could keep using Zoom! Your choice!
Diane Silver: No, SCN is what most contra groups have been using to sync bands and callers -- different context, but it got brought up.

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...

Graham Baldwin: ...tame tech expert!

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

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

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

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.

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

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

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_18

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

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

David Beaufait: Thank you. Very well organized.

David Colpitts: Thank you so much. Great program!

Cara Sawyer: Thank you so much!!!

Patricia Campbell: Thank you - this was *really* helpful!!!
Norm Stewart: This is changing so fast, it might be a good idea to have an update on this every 6 months or sooner.

Sharon Spangler: Terrific program. Thank you!

Suzanne Frank: get vaccinated!

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

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

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.

Tony Martin: Very helpful! Thank you!

Christine Rua: Thanks all!

Terri Lukacko: Discount tickets for the Flurry Festival until _9PM_

Pamela Weems: Many thanks!

Chip Hedler: Thanks so much!!!

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

Jim Klingler: Thank you for this informative session.

Ann Johnson: Thanks

Terri Lukacko: https://flurryfestival.org

Lakshmi Nayak: Thank you

Michael Darby: Thanks all!

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

Christa Torrens: Thanks, all!

Penny Anderson: Thanks a million for this!!!
Janice Alvarado: thx so much!

Luanne Stiles: Great talk. Thank you!

Laura Russell: Thank you!

Bob Dupre: Thank you!

Matt Kirby: Big thanks to all and the CDSS

Jeremy Kessler (he/him): Thank you!

Stacy Roth: Thank you!

Susie Lorand: Many thanks to all!

Bonnie Lubinsky: thanks all!

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