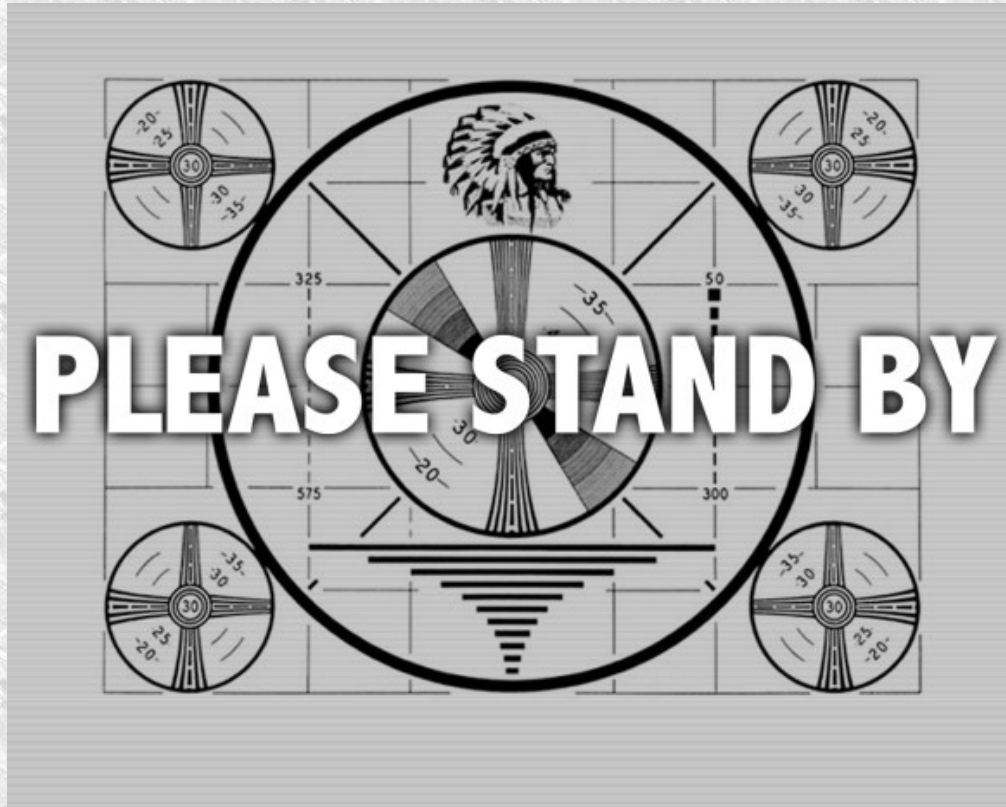


Standby





Welcome

A BASIC tutorial About

Working ONLINE

A Familiarity Period



With Stan Reichardt
stanr@sluug.org



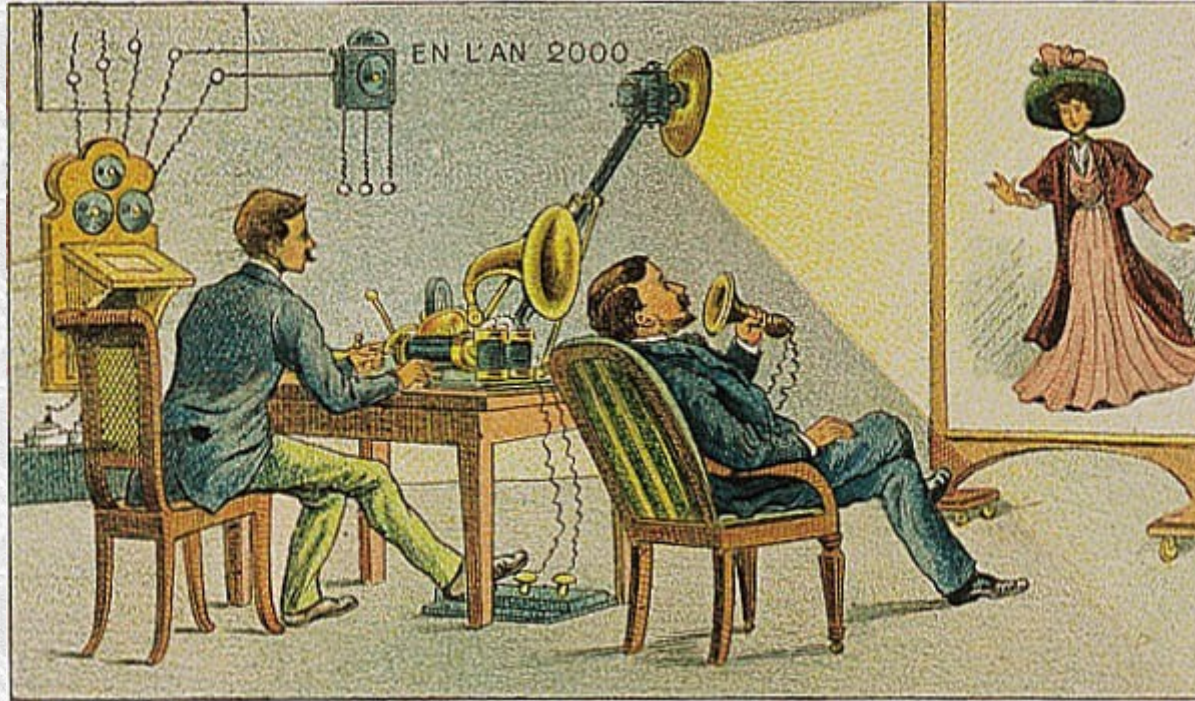
WHO

Your Forum for exchanging information about open standards, open systems, open source, products, services and architectures.



The Saint Louis Unix Users Group (SLUUG) is an IRS 501c(6) designated not-for-profit professional association dedicated to education and communication among computer users. SLUUG members include many Linux and UNIX professionals, Networking experts, hobbyists, students, plus many who are interested in Unix, Unix-like Operating Systems, Linux, BSD and other Free Open Source Software (FOSS) applications, products and services.

WHAT





HISTORY

Microsoft Skype (Teams)

Skype is a telecommunications application that specializes in providing video chat and voice calls between computers, tablets, mobile devices, the Xbox One console, and smartwatches over the Internet. Skype also provides instant messaging services. Users may transmit text, video, audio and images. Skype allows video conference calls. Microsoft announced that it would phase out Skype for Business in favor of Microsoft Teams.

ZOOM

Zoom Video Communications is an American remote conferencing services company headquartered in San Jose, California. It provides a remote conferencing service that combines video conferencing, online meetings, chat, and mobile collaboration.

Zoom's namesake software is among the most popular remote meeting solutions in many countries. It is noted for its reliability and ease of use, especially when compared to competitors. Zoom has faced significant controversy due to the revelation of a number of security vulnerabilities found in its software, as well as allegations during the recent coronavirus pandemic of poor privacy and security practices.

Historical Issues

Danger, danger, Will Robinson!



To start installing and using



What I Wanted

Free Open Source Software

NOT proprietary software



Where I Looked

Wikipedia.com

YouTube.com

StartPage.com (search engine)



WHAT I Found

JITSI

Jitsi is a collection of free and open-source multiplatform voice (VoIP), videoconferencing and instant messaging applications for the web platform, Windows, Linux, Mac OS X and Android. The Jitsi project began with the Jitsi Desktop (previously known as SIP Communicator). With the growth of WebRTC, the project team focus shifted to the Jitsi Video Bridge for allowing web-based multi-party video calling. Later the team added Jitsi Meet, a full video conferencing application that includes web, Android, and iOS clients. Jitsi also operates **meet.jit.si**, a version of Jitsi Meet hosted by Jitsi for free community use. Other projects include; Jigasi, lib-jitsi-meet, Jidesha, and Jitsi.

I have been tracking it for more than 2 or 3 years, hoping it would get better



Why

ONLINE Sessions

NO PHYSICAL MEETINGS until further notice.

ONLINE session will use remote video software.



Our Problem

Our Open and Free Meetings
VERSUS
Bombers and Crash and Disruptive Behavior



(ZOOM) Bombing

It only takes a
second to show
someone how you
feel about them,

The police call it
indecent exposure,
but whatever...

(ZOOM) Bombing (more)



Things get more explicit...



JITSI Public Site Features

Public

<https://meet.jit.si>

- Public sessions let everyone do everything
- Chaos, confusing, disorderly freedom
-



JITSI Private Site Features

Our SLUUG private site
<https://www.sixtrees.host/>

- Private sessions can be controlled by using moderators
- Session access can be limited by using passwords
-



The JITSI Shortcuts Menu

Keyboard shortcuts

Show or hide video thumbnails	F
Mute or unmute your microphone	M
Start or stop your camera	V
Manage call quality	A
Open or close the chat	C
Switch between camera and screen sharing	D
Raise or lower your hand	R
View or exit full screen	S
Toggle tile view	W
Show or hide keyboard shortcuts	?
Push to talk	SPACE
Show speaker stats	T
Focus on your video	0
Focus on another person's video	1-9

Close



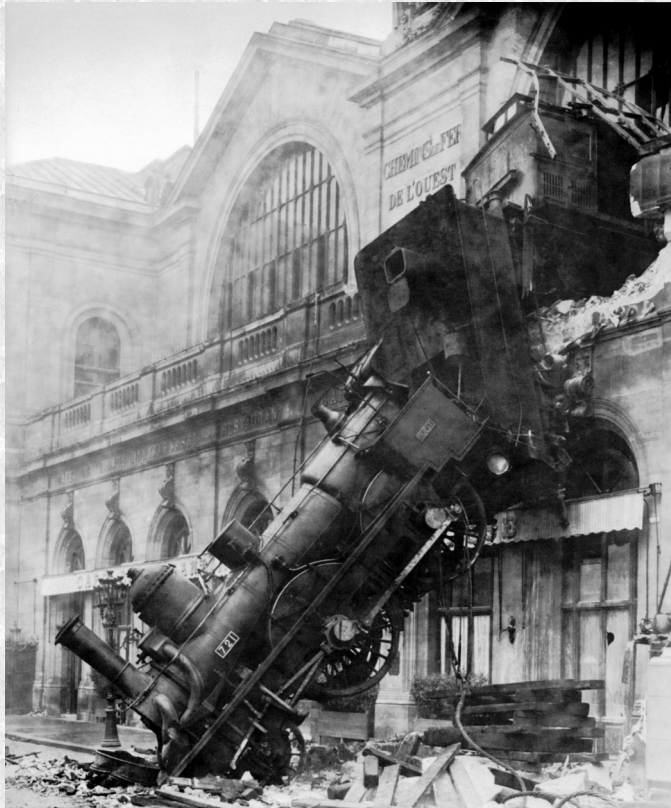
My Observations

New users are unfamiliar with features
We have the blind leading the blind
The JITSY Shortcuts Menu is not enough

We should have and use:

Cue Cards to help newcomers
A designated CHAT monitor

My Observations



- Microphones and other hardware can severely affect user experience
- User experience from outset varies widely, some are totally confused
- Too many settings for the inexperienced
- No one platform, be it, Skype (Teams), ZOOM, nor JITSI are anywhere near being intuitive for new users
- Free is still good
- Open Source should be safer to use



System Concerns

My use experience is with using JITSY
Chrome and Chromium browsers are supported
Firefox browsers seem to often work well
I believe that each browser is caching settings

But I expect that I don't know exactly where and that maybe very important!



Internet References

General

<https://en.wikipedia.org/wiki/Jitsi>

https://en.wikipedia.org/wiki/Web_conferencing

<https://en.wikipedia.org/wiki/Videotelephony>

https://en.wikipedia.org/wiki/Comparison_of_web_conferencing_software



Internet References

Specific

https://commons.wikimedia.org/wiki/File:France_in_XXI_Century._Correspondance_cinema.jpg

<https://techguylabs.com/episodes/1683/issues-security-plaguing-zoom-users>

<https://techguylabs.com/episodes/1684/using-zoom-has-multiple-security-and-privacy-issues>

JITSI Tutorial

<https://www.youtube.com/watch?v=e-31LT0zQK4>

JITSI Forum and New Features

<https://community.jitsi.org/>

<https://jitsi.org/news/features-update-april-2020/>



Questions?

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