

What's new in Jami

LibrePlanet 2023

`bandali@gnu.org`



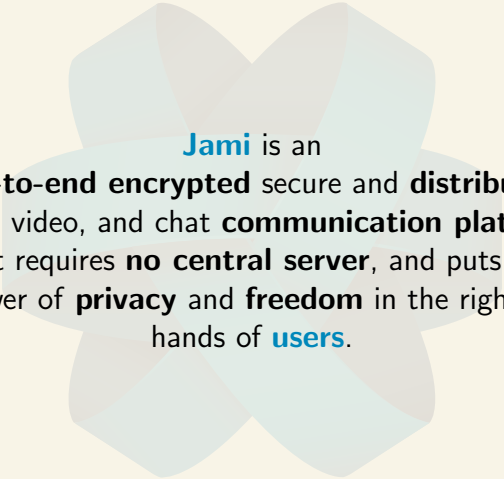
What is Jami?



Jami is free software for universal communication
that respects the freedom and privacy of its users.



Jami is developed by **Savoir-faire Linux®** (SFL), based in Montréal, Canada. Savoir-faire Linux are a team of free software consultants that provide training, consulting, development, and support services for free software technologies.



Jami is an
end-to-end encrypted secure and **distributed**
voice, video, and chat **communication platform**
that requires **no central server**, and puts the
power of **privacy** and **freedom** in the rightful
hands of **users**.

Key features of Jami

- 1-on-1 and group chats
- calling and conferencing
- audio/video messaging
- screen sharing
- file sharing
- plugins (+ SDK)
 - green screen
 - watermark
 - audio filters
 - ...and more!
- SIP phone

p2p and distributed

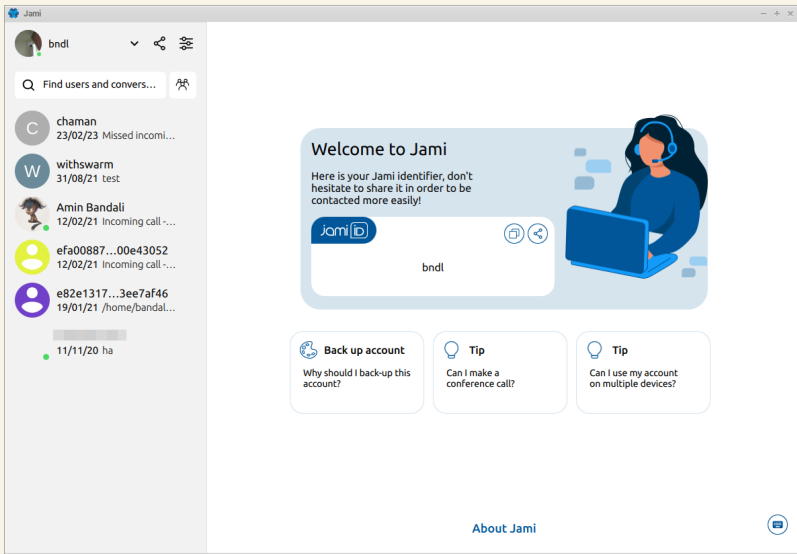
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p2p and **distributed**

What's new in Jami?

jami-qt

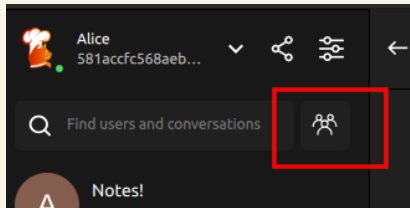


jami — main window

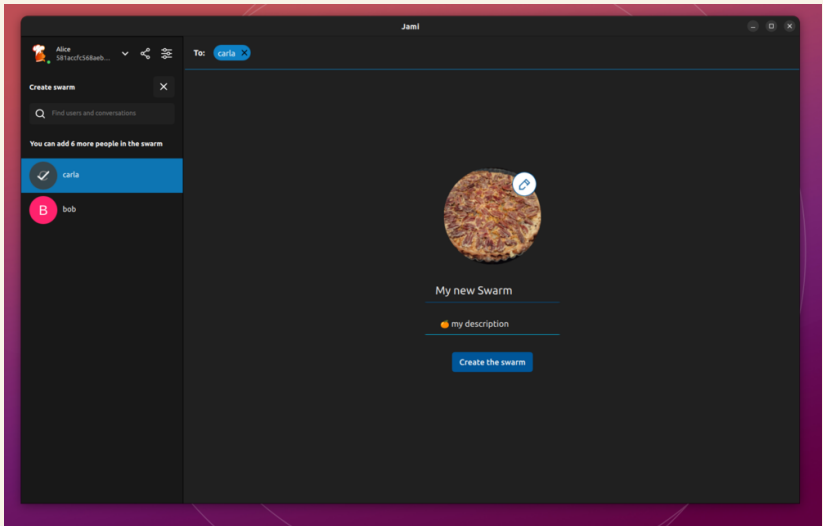
Swarm

1-on-1 + group chats

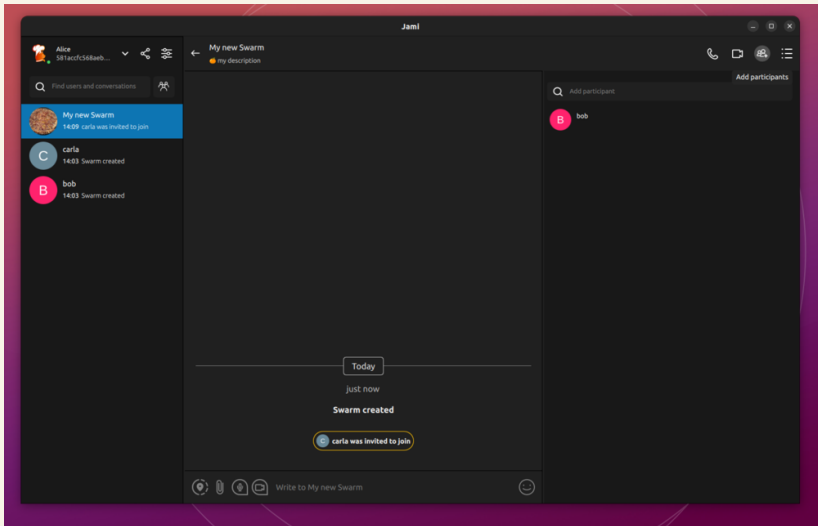
(currently groups of up to 8 members)



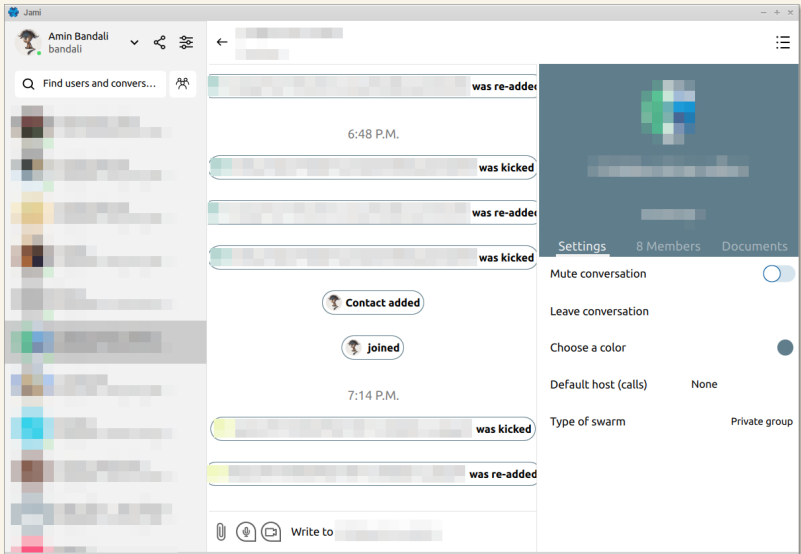
jami — creating a swarm



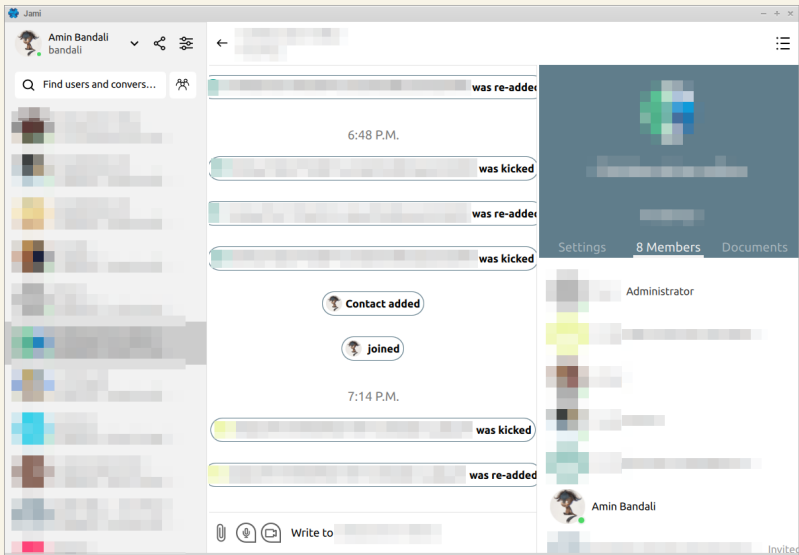
jami — initializing a swarm



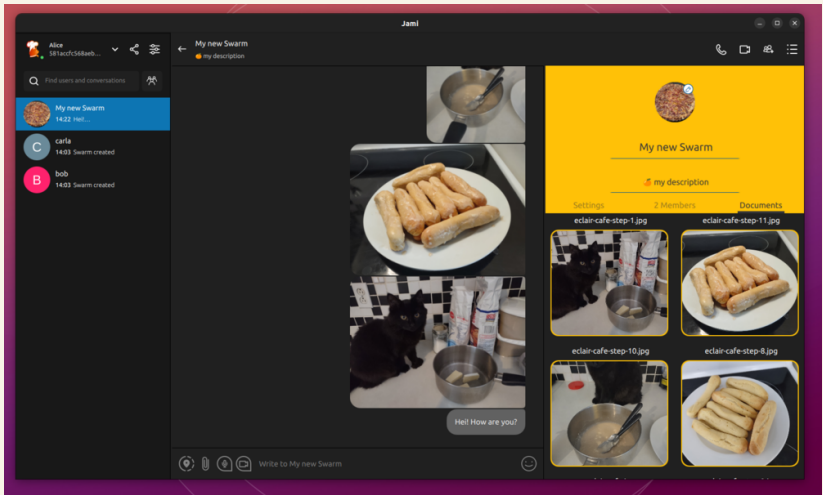
jami — adding and removing members for a swarm



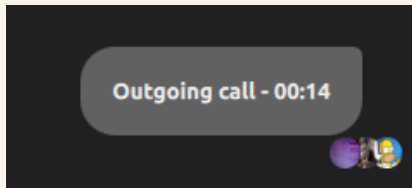
jami — swarm panel showing conversation settings



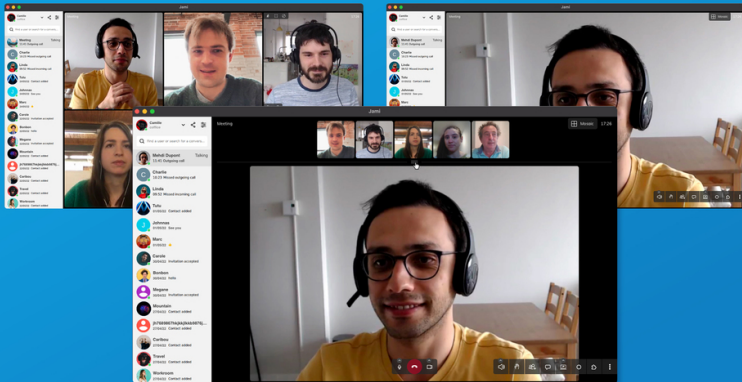
jami — swarm panel showing conversation members



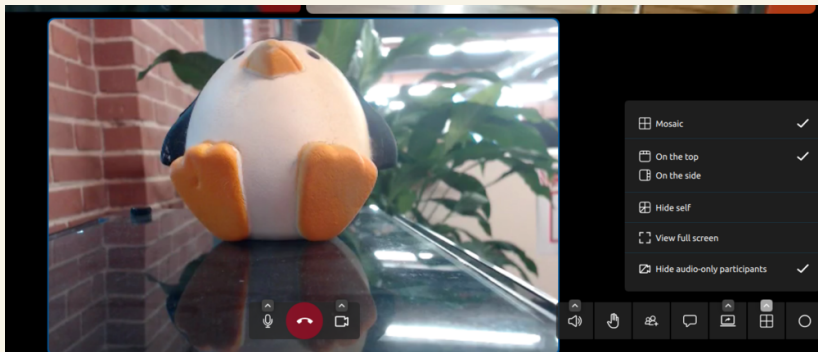
jami — swarm panel showing shared documents



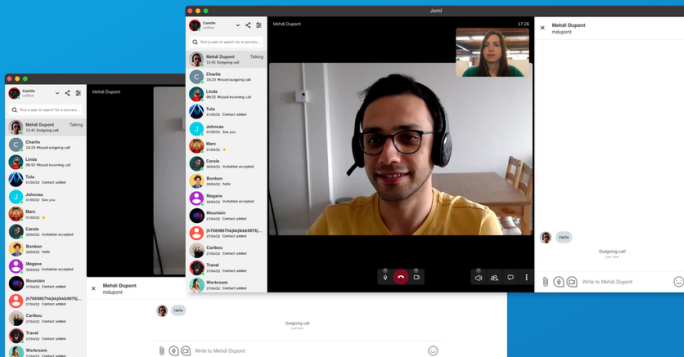
jami — swarm message read status



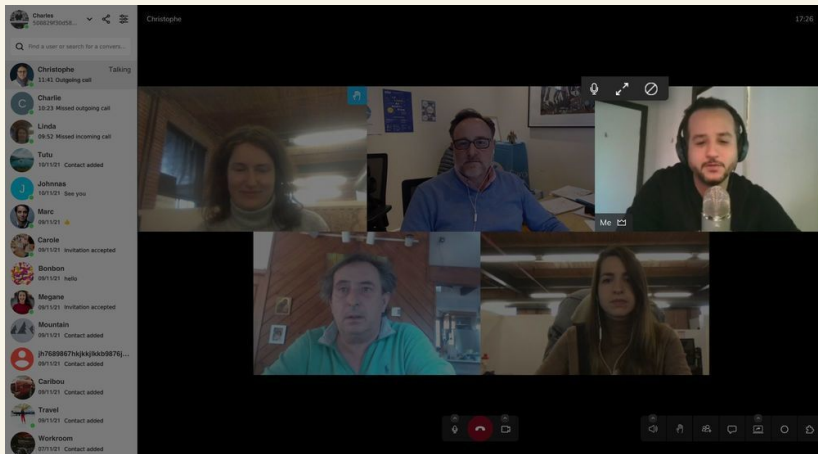
jami — more flexible conference video layouts



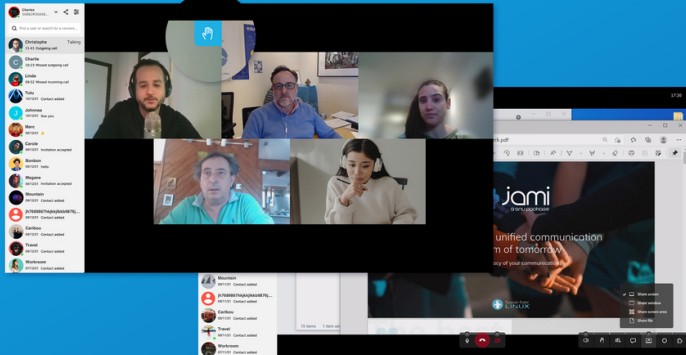
jami — conference layout settings, e.g. hiding audio-only participants



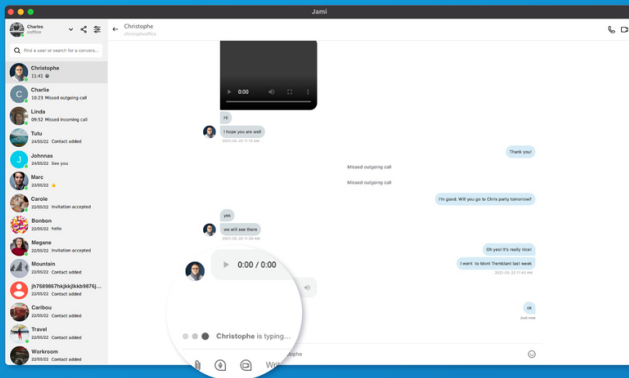
jami — horizontal and vertical in-call chatview split



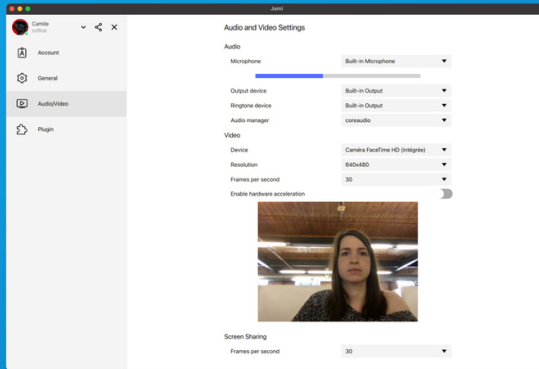
jami — conference moderation tools



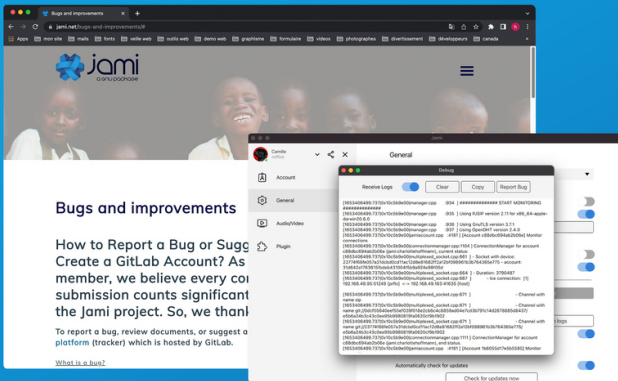
jami — 'raise hand' feature



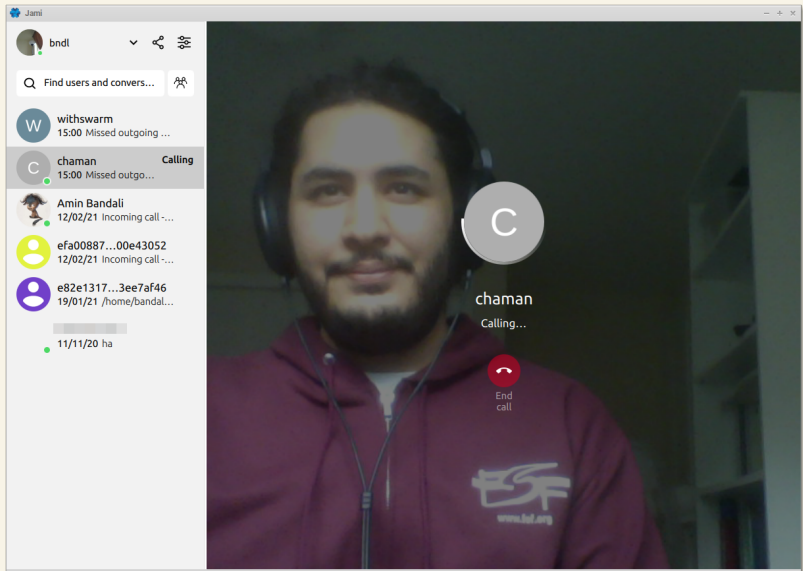
jami — chatview typing indicator



jami — changing ringtone device



jami — debug logs within the client (user interface)



jami — call preview screen

UnifiedPush

push notifications, in freedom

(for incoming calls and messages on mobile)

jami.net/unifiedpush



Green Screen



Watermark



Audio filter

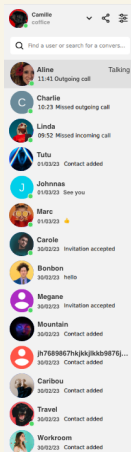


Auto answer

Whisper plugin

for live captions

(transcription + translation)



Whisper plugin for **Jami**

Future work: payment plugin

JAMS

(**Jami** Account Management Server)

 **jams**
by Aomi

users

Groups

Blueprints

Settings

Logout

☐ Display revoked users

Search users using (username, first name, last name)

Q

< 1 2 3 >

 Adel Bridagi abridagi Saturnelite	 Aurélien Berry aberry Saturnelite	 Amélie Gorafe agorafe Saturnelite	 Alexandre Lucien alucien Saturnelite	 Amina Otaf aotaf Saturnelite	 Amir Plate aplate Saturnelite
 Alain Toborge atoborge Saturnelite	 Amin Traceris atracris Saturnelite	 Aurel Yokota ayokota Saturnelite	 Camille Haman chaman Saturnelite	 Christophe Imbrani cimbrani Saturnelite	 Charline Perrot cperrot Saturnelite
 Christophe Village cvillage Saturnelite	 Cyrille Berac cberac Saturnelite	 Eloi Bellard ebellard Saturnelite	 Edouard Duchene educhene Saturnelite	 Emeline Ribaud eribaud Saturnelite	 Emmanuelle Masson emasson Saturnelite
					

JAMS — an organization's list of users

The screenshot displays the JAMS (Jail Audit Monitoring System) web interface. On the left is a dark sidebar with the 'jams by AONT' logo and navigation links: users, Groups, Blueprints, and Settings. The main content area has a teal header with 'PROFILE', 'DEVICES', and 'CONTACTS' tabs. The 'PROFILE' tab is active, showing a user profile for 'alucien'. The profile includes a circular profile picture of a man, the name 'alucien', and an 'Active' status badge. Below the profile picture are four details: a person icon for 'Alexandre Lucien', a key icon for '176', a house icon for 'Saturnalite', and an email icon for 'alexandre.lucien@saturnalite.com'. A teal 'REVOKE USER' button is at the bottom right of the profile card. Below the profile card is a white 'ADD USER TO A GROUP' button. At the bottom of the main area is a table with the header 'Group name' and an 'Action' column. The footer shows 'JAMS Version 3.3 - © 2023 Savoir-faire Linux Inc.' and a 'Logout' link in the sidebar.

jams by AONT

users
Groups
Blueprints
Settings

Logout

PROFILE DEVICES CONTACTS

alucien
Active

Alexandre Lucien
176
Saturnalite
alexandre.lucien@saturnalite.com

REVOKE USER

ADD USER TO A GROUP

Group name Action

JAMS Version 3.3 - © 2023 Savoir-faire Linux Inc.

JAMS — a user's profile



users

Groups

Blueprints

Settings

Logout

PROFILE

DEVICES

CONTACTS

Device Name	Device Id	Status	Actions
Samsung SM-T765	hedy680b6gpx378jhg56780okjgtr5678jhg78jhg77	Active	✖ ✎
Google Pixel 4 XL	bgfye87654edghjnm67567890kjgh654edghjnb	Active	✖ ✎
Google Pixel 4 XL	hgfyu876543dghjnm456787654edghjbnv567890j	Active	✖ ✎
Google Pixel 4 XL	hg567876543edghjuytrewsdghuy56789876	Active	✖ ✎
Google Pixel 4 XL	frtyu876543werty567890ztr56789iuygre45678	Active	✖ ✎

JAMS Version 3.3 - © 2023 Savoir-faire Linux Inc.

JAMS — a user's devices



jams
du JAMT

users

Groups

Blueprints

Settings

Logout

PROFILE

DEVICES

CONTACTS

ADD CONTACT

Search contact fields (URL, firstname, lastname)



Adel Bisdagi

 abisdagi

 Saturnalite

Conversation id:
khgfyuicp8jgh5678957654r56
gfftyu897654r





Aurélien Berry

 aberry

 Saturnalite

Conversation id:
mnhg8765456r456789r4567897
rty765456y





Amélie Gorafe

 agorafe

 Saturnalite

Conversation id:
jhg56787654entgle456789ygle45
re456784ent





Alexandre Lucien

 alucien

 Saturnalite

Conversation id:
76545ygh56789hghytr56789r87
uy5678769f





Amira Chaf

 acfaf

 Saturnalite

Conversation id:
jhg787654ghde56789gh5678ytr
r567654hygr





Anis Platte

 aplatte

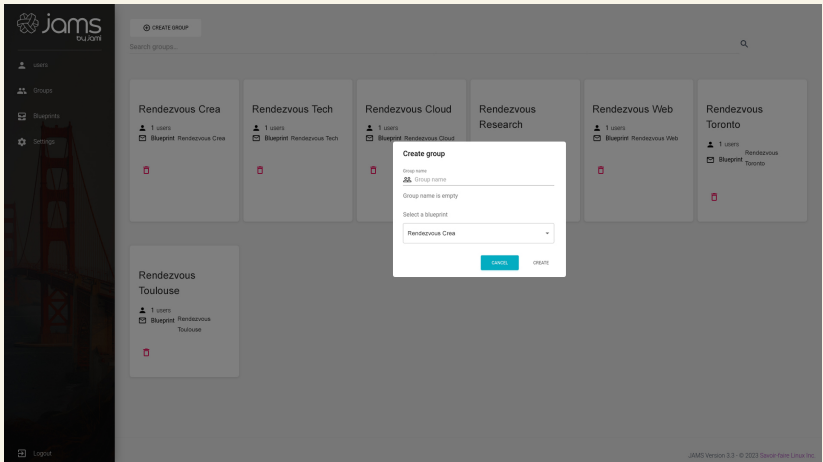
 Saturnalite

Conversation id:
jhgthyul7654ertyul87654ewgh87
fng678645yuh



JAMS Version 3.3 - © 2023 Savoir-faire Linux Inc.

JAMS — a user's contacts



JAMS — creating a group

jams
by Jami

Users

Groups

Blueprints

Settings

Logout



Edit group

Rendezvous Crea

 Rendezvous Crea 

Select a blueprint

Rendezvous Crea

ADD USER TO RENDEZVOUS CREA

	Username	First name	Last name	Action
	rdv-crea	Team	Creation	REMOVE USER

JAMS Version 3.3 - © 2023 Savoir-faire Linux Inc.

JAMS — editing a group



users

Groups

Blueprints

Settings

Logout



Enter group

Rendezvous Crea



Rendezvous Crea



Select a blueprint

Rendezvous Crea

 ADD USER TO RENDEZVOUS CODIR

	Username	First name	Last name
	rdv-crea	Team	Creation

Add user to group ...



Adel Briadgi



Aurélien Berry



Amélie Gorafe



Alexandre Lucien



Amina Otsf



Amir Plate



Alain Tobirge



Amin Traoris



Aurel Yokata



Camille Haman



Christophe Imbrami



Charline Perrot



Christophe Village



Cyrille Berac

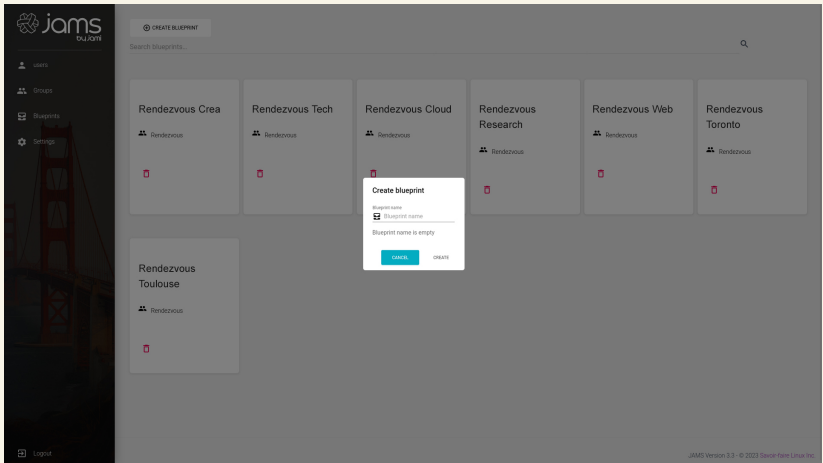


Cybille Carol



Christophe Dupré

JAMS — adding users to a group

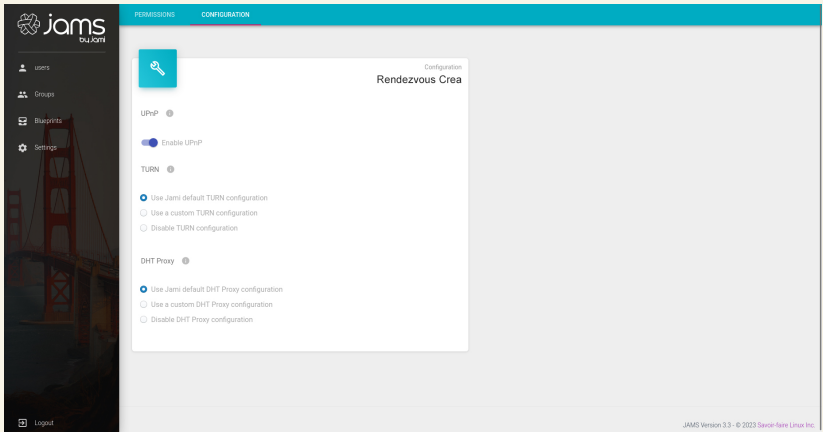


JAMS — creating a blueprint

The screenshot displays the JAMS web interface. On the left is a dark sidebar with the JAMS logo and navigation links: Users, Groups, Blueprints, and Settings. The main content area has a teal header with 'PERMISSIONS' and 'CONFIGURATION' tabs. A modal window titled 'Permissions Rendezvous Crea' is open, showing settings for 'Call parameters' (Allow video calls, Allow incoming calls from unknown contacts, Auto answer calls), 'Local LAN' (Allow discovery of other peers on a local network), and 'Contact management' (Allow user to add new contacts). Below the modal, the 'Rendezvous mode' section includes a toggle for 'Set the account as a Rendezvous point' and a button 'ADD MODERATOR TO RENDEZVOUS CODR'. A table lists users with columns for Username, First name, Last name, and Action.

Username	First name	Last name	Action
atobirge	Alain	Tobirge	REMOVE MODERATOR

JAMS — editing a blueprint's permissions



JAMS — editing a blueprint's configuration

Download **Jami**

jami.net/download

Jami in Debian

(and **Trisquel**, and **Ubuntu**, ...)

Housekeeping

Release tarball naming scheme

`jami_YYYYMMDD.hhmm.COMMITID.tar.gz` → `jami-YYYYMMDD.X.tar.gz`

`jami_20220206.1142.1234abcd.tar.gz` → `jami-20220206.0.tar.gz`

dl.jami.net/release/tarballs/

jami-client-qt.git

now the primary source repository;
jami-project.git deprecated

DRing $\rightarrow$ libjami

daemon's public C++ namespace

And so much more!

- opening jami: URIs/links in **Jami** on GNU/Linux;
- using system theme on GNU/Linux and Windows;
- ability to translate **Jami** plugins much like **Jami** itself;
- improved UI/UX and visuals, thanks to revamped views;
- added and improved keyboard shortcuts for convenience and better accessibility; and
- many other improvements and bug fixes across various **Jami** subsystems like the connectivity and media stacks.

git.jami.net/savoirfairelinux/jami-client-qt/-/wikis/Changelog

Community

Jami forum

forum.jami.net

Jami mailing list

jami@gnu.org

Jami IRC channel

[#jami](#) on [Liberia.Chat](#)

(also accessible via Matrix bridge)

Jami blog

jami.net/tag/blog

Contributing to **Jami**

Code and patches

review.jami.net

Bug reports

`git.jami.net`

`docs.jami.net/user/bug-report-guide.html`

Documentation

docs.jami.net

Translations

docs.jami.net/contribute.html

Plugins

jami.net/plugins

jami.net/plugins-sdk

Packaging

docs.jami.net/build/

Donations

Donate on jami.net

Fund a feature

contact@jami.net

docs.jami.net/developer/feature-requests.html

JAMS support packages

jami.biz

spread the <3 about Jami

Thanks!

Amin Bandali

bandali@gnu.org

kelar.org/~bandali

Slides available from

kelar.org/~bandali/jami-2023.html

marked with *CC0 1.0 Universal*