


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

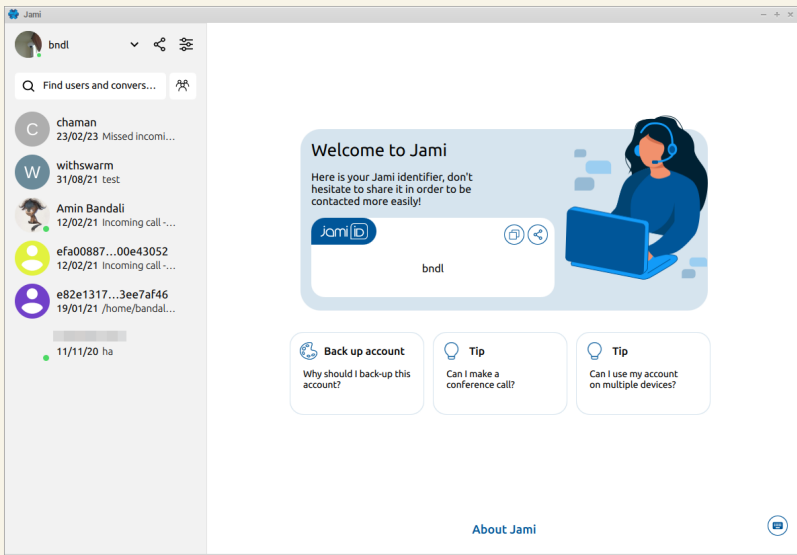
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p2p and **distributed**

What's new in Jami?

jami-qt

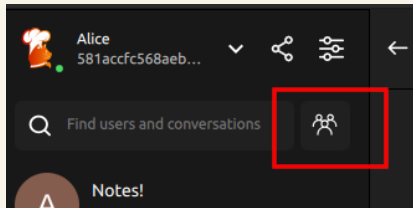


jami — main window

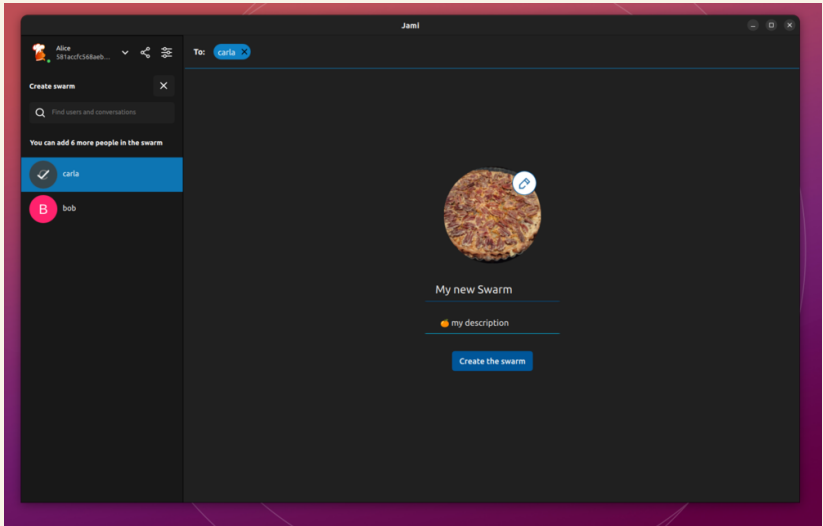
Swarm

1-on-1 + group chats

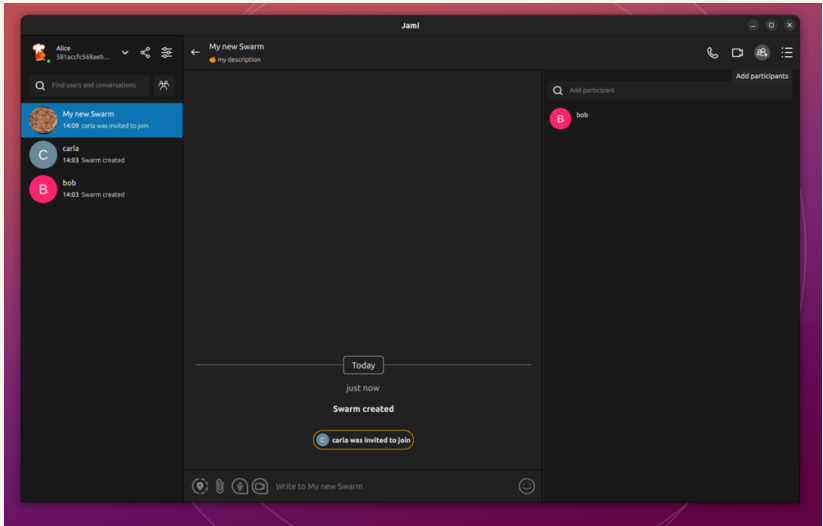
(currently groups of up to 8 members)



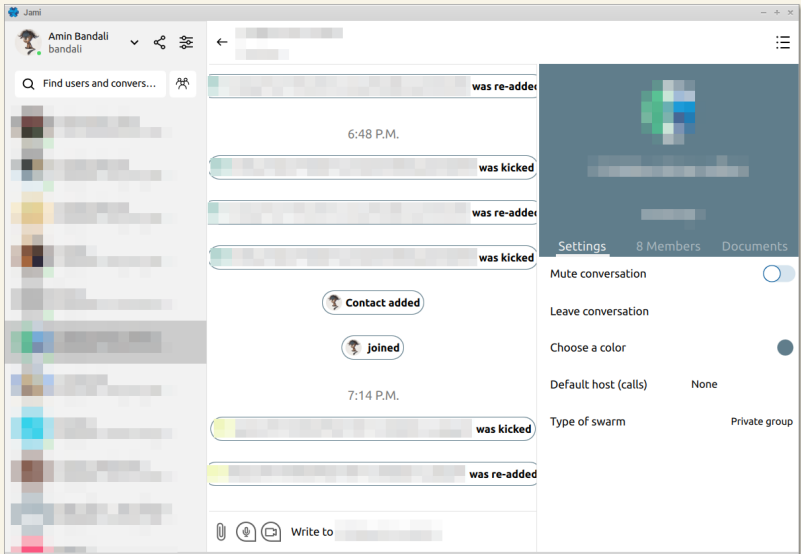
jami — creating a swarm



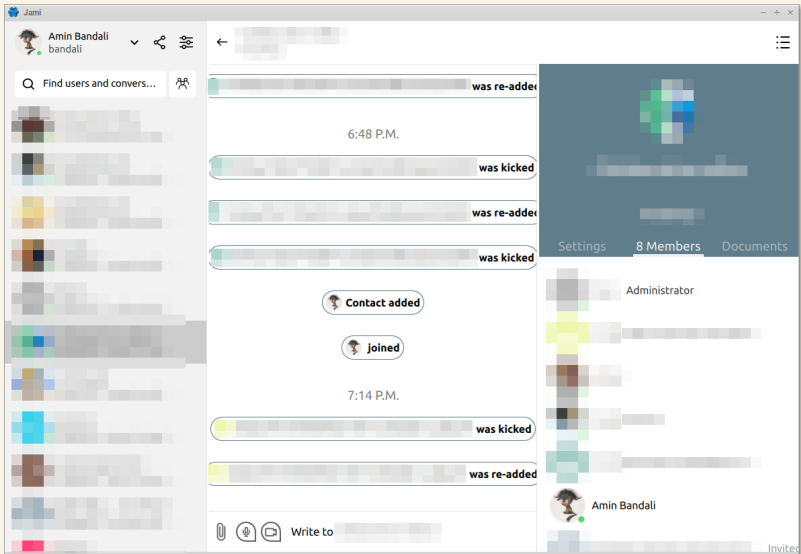
jami — initializing a swarm



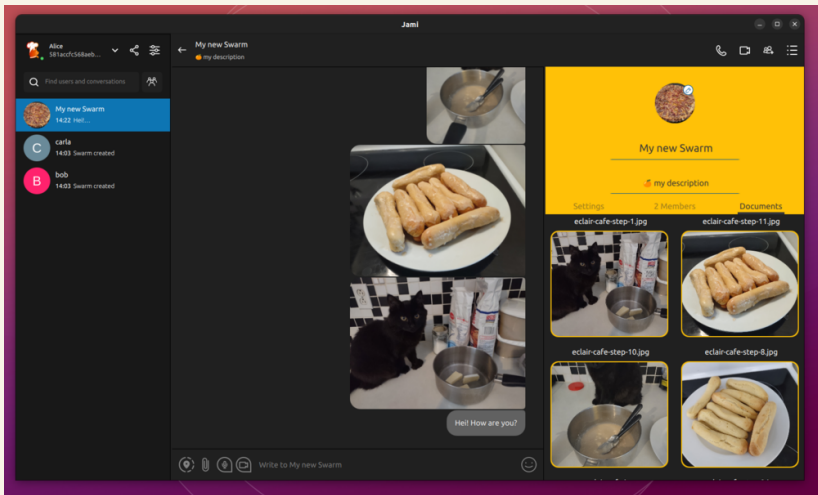
jami — adding and removing members for a swarm



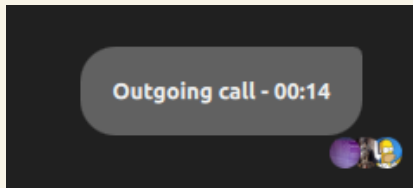
jami — swarm panel showing conversation settings



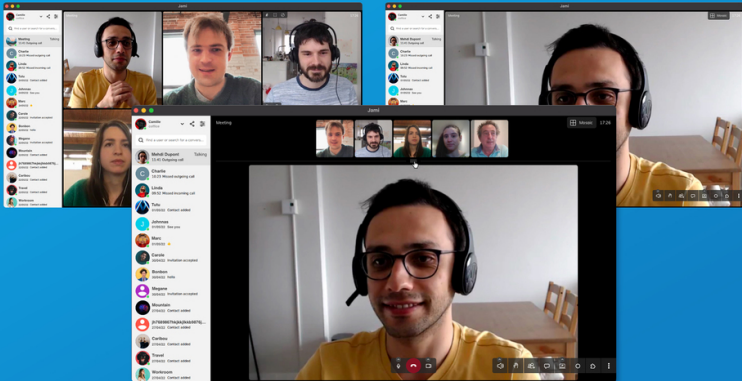
jami — swarm panel showing conversation members



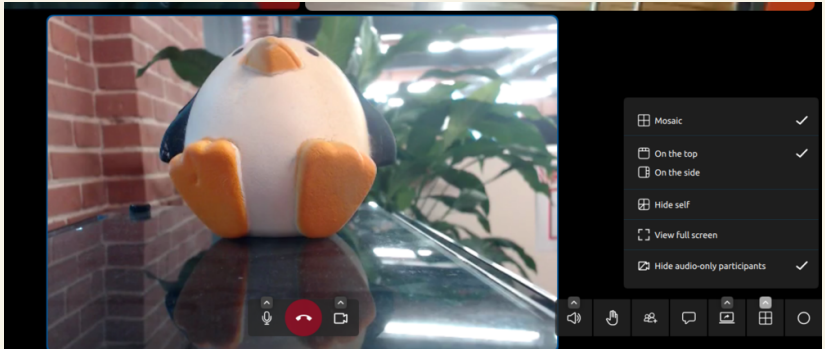
jami — swarm panel showing shared documents



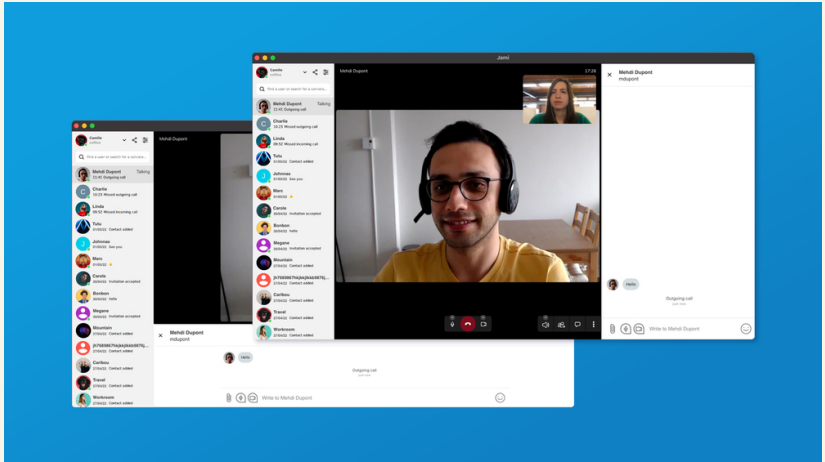
jami — swarm message read status



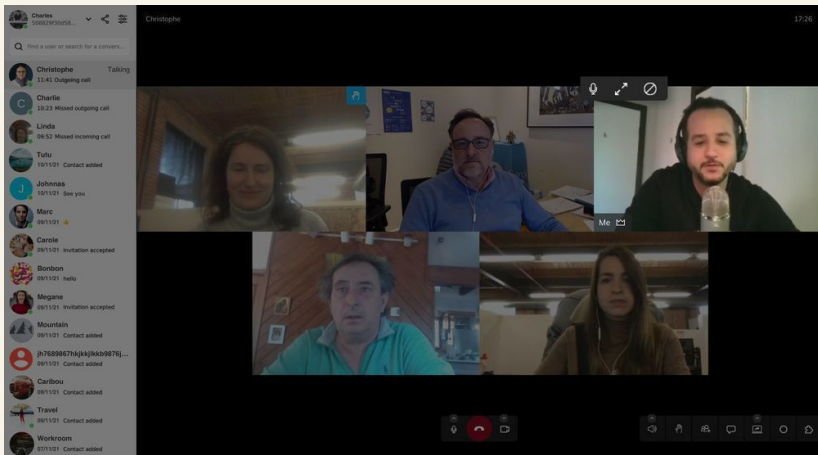
jami — more flexible conference video layouts



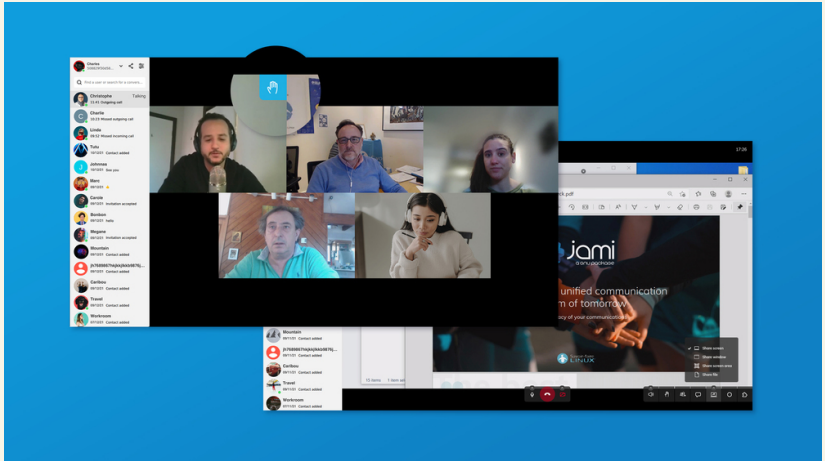
jami — conference layout settings, e.g. hiding audio-only participants



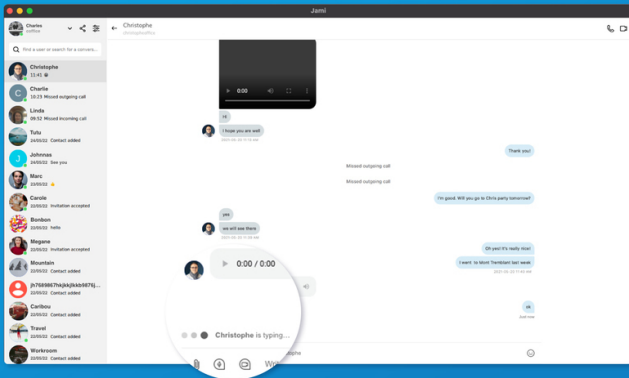
jami — horizontal and vertical in-call chatview split



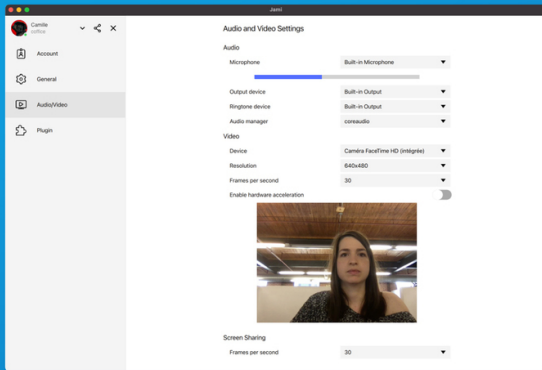
jami — conference moderation tools



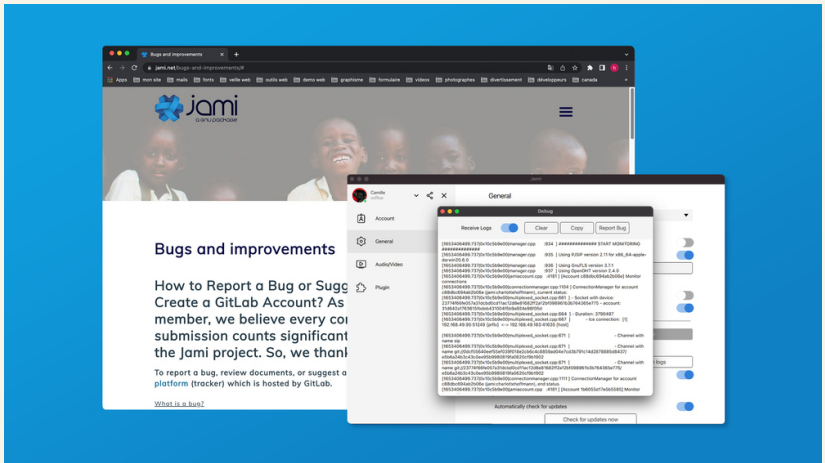
jami — 'raise hand' feature



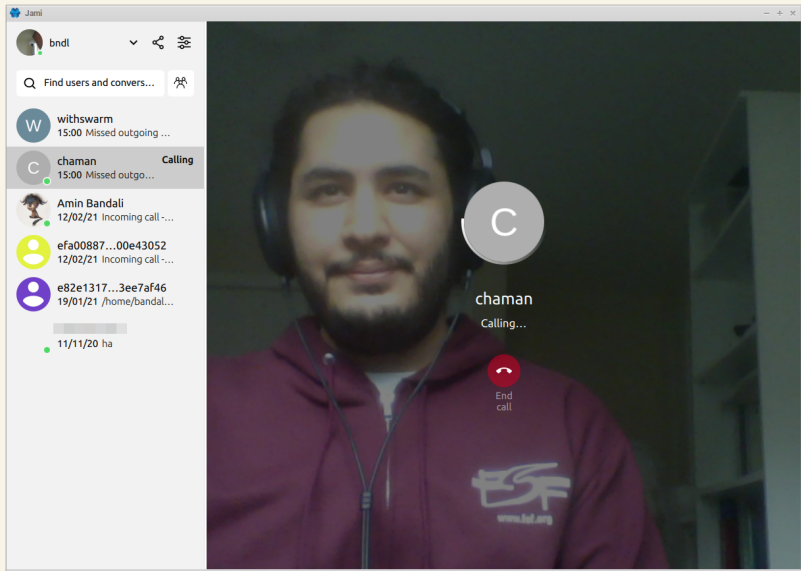
jami — chatview typing indicator



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)

The image shows a video call interface. On the left is a contact list with the following entries:

- Conille (office)
- Aline (11:41 Outgoing call) Talking
- Charlie (10:23 Missed outgoing call)
- Linda (09:52 Missed incoming call)
- Tulu (01/03/23 Contact added)
- Johanna (01/03/23 See you)
- Marc (01/03/23)
- Carole (30/02/23 Invitation accepted)
- Bonbon (30/02/23 hello)
- Megane (30/02/23 Invitation accepted)
- Mountain (30/02/23 Contact added)
- jk769867hkjkkjkkb9876j... (30/02/23 Contact added)
- Caribou (30/02/23 Contact added)
- Travel (30/02/23 Contact added)
- Workroom (30/02/23 Contact added)

The main video feed shows a woman with long dark hair, wearing a blue patterned top, pointing towards the camera. A small inset video in the top right corner shows another woman with long dark hair, wearing a green top. At the bottom of the main video feed, there is a caption: "I think that's fantastic. I think that is a perfect example of how recipes move around the world."

Whisper plugin for **Jami**

Future work: payment plugin

JAMS

(**Jami** Account Management Server)

jams
DU AOTI

users
Groups
Blueprints
Settings

Logout

Display revoked users

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

< 1 2 3 >

 Adel Bridagi abridagi Saturnalle	 Aurélien Berry aberry Saturnalle	 Amélie Gorafie agorafie Saturnalle	 Alexandre Lucien alucien Saturnalle	 Amira Claf aclofe	 Amir Plote aplate
 Alan Tobirge atobirge Saturnalle	 Arin Tracoris atracoris	 Aurel Yokata ayokata Saturnalle	 Camille Haman chaman	 Christophe Imbrani cimbrani Saturnalle	 Charline Perrot cperrot Saturnalle
 Christophe Village cvillage Saturnalle	 Cyrille Berac cberac Saturnalle	 Eloi Bellard ebellard	 Edouard Duchene educhene	 Emeline Ribaud eribaud	 Emmanuelle Masson emasson Saturnalle

JAMS — an organization's list of users

The screenshot displays the JAMS user interface. On the left is a dark sidebar with the 'jams DU AGNI' logo and navigation options: Users, Groups, Blueprints, and Settings. The main content area has a teal header with 'PROFILE', 'DEVICES', and 'CONTACTS' tabs. The profile card for 'alucien' shows a circular profile picture, the name 'alucien', and an 'Active' status. Below the name are details: 'Alexandre Lucien', '176', 'Saturnalle', and the email 'alexandre.lucien@saturnalle.com'. A 'REVOKE USER' button is at the bottom right of the card. Below the card is an 'ADD USER TO A GROUP' button and a table with a 'Group name' header and an 'Action' column. The footer contains 'JAMS Version 3.3 - © 2023 Savoir-Faire Linux Inc.' and a 'Logout' link in the sidebar.

JAMS — a user's profile

The screenshot displays the JAMS (JAMStack Admin) user interface. On the left is a dark sidebar with the JAMS logo and navigation options: Users, Groups, Blueprints, Settings, and Logout. The main content area has a teal header with tabs for PROFILE, DEVICES, and CONTACTS. The DEVICES tab is active, showing a table of devices. The table has columns for Device Name, Device Id, Status, and Actions. Five devices are listed, all with a status of 'Active'. The Actions column contains a red 'X' icon and a blue pencil icon for each device.

Device Name	Device Id	Status	Actions
Samsung SM-T765	hdy489bqpx378jhg578bnkjhgf678jhg78jhg77	Active	✖ ✎
Google Pixel 4 XL	bgfy87654edfghjklm67890kjhgf5432109876	Active	✖ ✎
Google Pixel 4 XL	hgjy87654321jklm67890123456789012345	Active	✖ ✎
Google Pixel 4 XL	hg5678765432edfghjklm6789012345678901	Active	✖ ✎
Google Pixel 4 XL	101y876543210987654321098765432109876	Active	✖ ✎

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

JAMS — a user's devices

The screenshot displays the JAMS application interface. On the left is a dark sidebar with navigation options: Users, Groups, Blueprints, and Settings. The main content area has a teal header with 'PROFILE', 'DEVICES', and 'CONTACTS' tabs. Below the header is a search bar for contacts and a grid of six contact cards. Each card shows a profile picture, name, and several identifiers.

Name	Identifier 1	Identifier 2	Identifier 3
Adel Bindaqi	aberridagi	Saturnalite	Conversation id: kjghfyuip kjghf56789876543210
Aurilien Berry	aberry	Saturnalite	Conversation id: mnhg785432109876543210
Amelie Gorafe	agorafe	Saturnalite	Conversation id: jhg56789012345678901234
Alexandre Lucien	alucien	Saturnalite	Conversation id: 785432109876543210987654
Amira Claf	acafef	Saturnalite	Conversation id: jhg7890123456789012345678
Anis Plate	aplate	Saturnalite	Conversation id: jghfjkl78901234567890123456

Logout

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

JAMS — a user's contacts

The screenshot displays the JAMS DU KONTI user interface. On the left is a dark sidebar with navigation options: 'users', 'Groups', 'Blueprints', and 'Settings'. The main area features a 'CREATE GROUP' button and a search bar. A grid of group cards is visible, each representing a group with one user and a specific blueprint. A 'Create group' modal dialog is open in the center, containing the following fields and options:

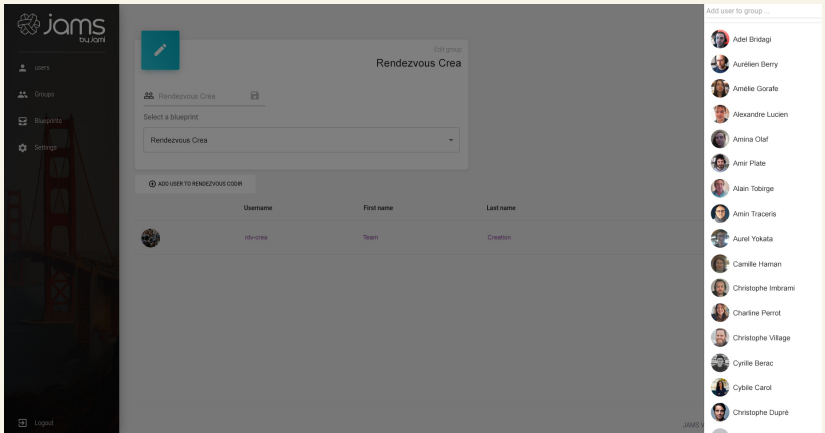
- Group name:** A text input field with a group icon, currently empty. Below it, the text 'Group name is empty' is displayed.
- Select a blueprint:** A dropdown menu with 'Rendezvous Cre...' selected.
- Buttons:** 'CANCEL' and 'CREATE' buttons at the bottom.

At the bottom right of the interface, the text 'JAMS Version 3.3 - © 2023 Savoir-Faire Linux Inc.' is visible.

JAMS — creating a group

The screenshot displays the JAMS web interface for editing a group. On the left is a dark sidebar with the JAMS logo and navigation links: Users, Groups, Blueprints, Settings, and Logout. The main content area shows the group 'Rendezvous Crea' with an 'Edit group' link. Below the group name is a 'Select a blueprint' dropdown menu currently set to 'Rendezvous Crea'. A button labeled 'ADD USER TO RENDEZVOUS COOR' is visible. A table lists users with columns for Username, First name, Last name, and Action. One user is listed with Username 'rdv-crea', First name 'Team', and Last name 'Creation'. The Action column contains a 'REMOVE USER' button. The footer indicates 'JAMS Version 3.3 - © 2023 Savoir-faire Linux Inc.'

JAMS — editing a group



JAMS — adding users to a group

The screenshot displays the JAMS application interface. On the left is a dark sidebar with navigation options: Users, Groups, Blueprints, Settings, and Logout. The main area features a 'CREATE BLUEPRINT' button and a search bar. A grid of blueprint cards is visible, each representing a location and containing a 'Rendezvous' group icon and a red status indicator. A modal dialog titled 'Create blueprint' is open in the center, with the following content:

Create blueprint

Blueprint name

Blueprint name

Blueprint name to empty

[Cancel] [Create]

At the bottom right of the interface, the text 'JAMS Version 3.3 - © 2023 Savoir-Faire Linux Inc.' is visible.

JAMS — creating a blueprint

The screenshot displays the JAMS web interface. On the left is a dark sidebar with the JAMS logo and navigation menu items: Users, Groups, Blueprints, and Settings. The main content area has a teal header with 'PERMISSIONS' and 'CONFIGURATION' tabs. A modal window is open for the blueprint 'Rendezvous Crea', showing a list of permissions:

- 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
- Contact management**
 - Allow user to add new contacts

Below the modal, the 'Rendezvous mode' section is visible, including 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	Alan	Tobirge	REMOVE MODERATOR

JAMS — editing a blueprint's permissions

The screenshot displays the JAMS web interface. On the left is a dark sidebar with the JAMS logo and navigation links for Users, Groups, Blueprints, Settings, and Logout. The main content area has a teal header with 'PERMISSIONS' and 'CONFIGURATION' tabs. A white configuration card for 'Rendezvous Crea' is shown, containing settings for UPnP, TURN, and DHT Proxy. The 'UPnP' section has a toggle switch for 'Enable UPnP'. The 'TURN' section has three radio button options: 'Use Jami default TURN configuration' (selected), 'Use a custom TURN configuration', and 'Disable TURN configuration'. The 'DHT Proxy' section also has three radio button options: 'Use Jami default DHT Proxy configuration' (selected), 'Use a custom DHT Proxy configuration', and 'Disable DHT Proxy configuration'. A footer at the bottom right reads 'JAMS Version 3.3 - © 2023 Savoir-faire Linux Inc.'

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 → 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/talks/jami-2023.html

marked with *CC0 1.0 Universal*