

THE STATE OF THE XMPP COMMUNITY

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'OPEN SOURCE' COMMUNITY

USERS

CONVERSATIONS PLAYSTORE STATISTICS

| | |
|---------|-----|
| Germany | 39% |
|---------|-----|

| | |
|---------------|-----|
| United States | 13% |
|---------------|-----|

| | |
|--------|----|
| Russia | 7% |
|--------|----|

| | |
|-------|----|
| Spain | 3% |
|-------|----|

| | |
|--------|----|
| France | 3% |
|--------|----|

CONVERSATIONS LEGACY PLAYSTORE STATISTICS

| | |
|---------------|-----|
| Germany | 18% |
| Russia | 17% |
| Indonesia | 17% |
| Spain | 8% |
| United States | 6% |

QUICKSY PLAYSTORE STATISTICS

| | |
|---------------|-----|
| Germany | 66% |
| Spain | 4% |
| Austria | 3% |
| United States | 3% |
| Russia | 3% |

PROVIDERS

„More than 50% of servers are hosted in Germany, followed by the USA (10%) and France (7%)“

Source: [@infosechandbook@mastodon.at](https://mastodon.at/@infosechandbook)

DEVELOPERS

Austria, France, Germany, Netherlands, United Kingdom, United States, Poland, Russia, Spain, Sweden

Incomplete list, ordered alphabetical, based on xmpp.org/software (actively developed)

EVENTS

XSF SUMMIT

- Thursday & Friday before FOSDEM Brussels
- One large conference room (~50 people)

SPRINTS

- 7+ Sprints since May 2018 (Cambridge, Dusseldorf, The Hague, Lyon, ...)
- Independently organized
- SCAM provides: How to + publicity

wiki.xmpp.org/web/Sprints

MEETUPS

- Berlin
- Dresden
- Munich

wiki.xmpp.org/web/Meetups

CONFERENCES

- FOSDEM
- Chaos Communication Camp
- Chaos Communication Congress
- FrOSCon

ECOSYSTEM IMPROVEMENTS

MUC SEARCH

The screenshot shows a web browser window with the address bar displaying `https://search.jabbercat.org/rooms/1`. The page title is "Public Jabber Chat rooms" and the subtitle is "Christopher Muclumbus: A listing of public XMPP/Jabber chat rooms/groups.". Below the title is a search bar with the placeholder text "Search for a room..." and a "Go" button. The main content area is titled "All rooms" and features a pagination link "1 2 3 ... 23 24 Next page)". A table lists chat rooms with columns for "#users" and "Address & Description".

| #users | Address & Description |
|--------|--|
| 306 | Kuketz-Blog (kuketzblog@rooms.dismail.de) IT-Sicherheit Datenschutz Hacking - Weitere Infos: https://www.kuketz-blog.de/chat/ (Primary language: German) |
| 249 | Conversations (conversations@conference.siacs.eu) The very last word in instant messaging. (Primary language: English) |
| 196 | Disroot Community (disroot@chat.disroot.org) General room of https://disroot.org project (Primary language: English) |
| 133 | Prosödy IM Chatroom (prosody@conference.prosody.im) Prosödy XMPP server support and related discussions (i.e. otters) (Primary language: English) |
| 127 | Alles, was mit Android zu tun hat (android@muc.5222.de) Alles rund um Android. |

search.jabbercat.org

MUC BADGE

XMPP Chat 268 online

```
<a href="xmpp:xsf@muc.xmpp.org?join">  
  
</a>
```

STATUS MONITOR

Up time (Ø 30 days)

100%

```

```

XEP-0412: XMPP COMPLIANCE SUITES 2019

- Successor to XEP-0387 (2018), XEP-0375 (2016)
- Profiles for Core, Web, IM
- Profiles for Server and Client

COMPLIANCE SUITES BADGES - DESIGN COMPETITION



COMPLIANCE SUITES BADGES - TOOLS

Self-Assessment:

<https://bitbucket.org/mrtedd/compliance-badges/>

COMPLIANCE SUITES - DOAP

- XML/RDF vocabulary
- github.com/ewilderj/doap
- Files for [poezio](#), Dino, Movim
- During Sprint in Lyon ([blog post](#))

PROVIDER COMPLIANCE

XMPP Specifications compliance 94% (18/19)

compliance.conversations.im

UNIFIED UX

- ›Modern XMPP‹
- UX Sprint in Brussels before XSF Summit
- Common Language / Nomenclature
- XEP-0392: Consistent Color Generation

GROWING THE COMMUNITY

GROWING THE COMMUNITY - GETTING MORE USERS



GROWING THE COMMUNITY - GETTING MORE DEVELOPERS

- Developer documentation (My first bot, ...)
- Google Summer of Code
- Sprints
- Compliance Suites

COMMERCIAL USAGE

COMMERCIAL CUSTOMERS

- Healthcare
- NATO + Three-Letter Agencies
- Gaming
- Fashion
- Walled garden ›WhatsApp alternatives‹

BENEFITS FOR THE >OPEN SOURCE COMMUNITY<

- Servers backed by companies: ejabberd, MongooseIM, Tigase
- Knowledge transfer

CLIENTS

(Projects I find interesting. Not necessarily recommendations.)

CONVERSE.JS

The screenshot displays the Converse.js chat interface. On the left is a sidebar with a user profile for 'JC Brand', status 'I am online', and a list of groupchats including 'Converse', 'Comm Team', 'Ejabberd', 'Evoludata', 'Prosody', 'XSF', and 'XSF Editor'. Below this is a 'CONTACTS' section with a search bar containing 'Ma' and a list of contact requests and buddies.

The main chat area is titled 'Discuss Converse' and contains a discussion thread. The thread starts with a header: 'Discussions around Converse.js. The latest release is 4.0.1. Please be patient when asking questions, we're all in different timezones.' The messages are as follows:

- luweitest** 17:19: OK
- luweitest** 17:37: <https://github.com/conversejs/converse.js/issues/1208>
thanks for your time, good bye
- cheeer** 18:24: need some one to add to comf
- jcbrand** **Converse.js Author** 18:50: Thanks **luweitest**
cheeer what do you mean?
- Guus** 18:54: Openfire's inVerse 4.0.0 got released today, after a week of test-driving.
- Link Mauve** 18:56: Guus, time to update to 4.0.1 then! 😊
- Guus** 18:57: Woah! I missed 4.0.1?
Niiice
Ah, 2 hours ago.
In our defense, our plugin got released earlier.
- jcbrand** **Converse.js Author** 19:12: I'm currently writing a blog post for the 4.0.x release

At the bottom of the chat area is a 'Message' input field with a red double arrow icon to its right.

On the right side of the chat area is a 'Participants' panel with an 'Invite' search bar and a list of participants: jcbrand (Owner, Moderator), alexis, anjan, blabla, buzzdee, ChaosKid42, Char Aznable, cheeer, colini, contrapunctus, Dele Olajide, focus121, genofire, gerald, Guus, jirh, joekokker, and kane.valentine.

Below the participants list is a 'Features' panel with the following options: No password, Open, Persistent, Not anonymous, Not moderated, and Message archiving.

At the bottom left of the interface, it says 'Waiting for xmpp.net...'.

MOVIM

← Movim Blog
The official Movim blog UNSUBSCRIBE

pubsub.movim.eu / Movim – Wednesday, 11 July - 17:59
Movim – Blog – How's Movim made? Part I - The Architecture [#movim](#)
[#architecture](#) [#reactphp](#) [#xmpp](#) [#php](#) [#realtime](#)

Movim – Blog – How's Movim made? Part I - The Architecture
I have been working on Movim for many years now but I never had really the opportunity to explain...

0 ❤️ 0 💬 ↻ 📍 + READ MORE

Mo **From Modl to Eloquent, or how to change a social network database engine**
pubsub.movim.eu / Movim – Tuesday, 17 April - 10:53 ✎

After 50 hours of work, more than 5000 line added and 10000 deleted, and 250 files changed it's finally done. This is the biggest refactoring done in the history of the project.

Movim is a social network and instant messaging web client for the XMPP network. It grab data from XMPP and store them temporary in a SQL database to present it in a light and simple UI to the users.

Movim
pubsub.movim.eu SE DÉABONNER

Mo **Biboumi - XMPP gateway to IRC**
pubsub.movim.eu / Movim – 14:37 – 14:40

A little recommendation today. We are using [#Biboumi](#) on the movim.eu XMPP server to allow our users to connect to the [#IRC](#) network using their account. You can find the service at [irc.movim.eu](#).

Biboumi is a really nice IRC [#bridge](#). It is quite simple to deploy and connect to your XMPP server and is even packaged in many Linux distributions, including [Debian!](#)

Once everything is setup correctly (you can find the official documentation on their website) you can simply connect your account to a chatroom by adding a MUC in your bookmarks using this syntax:

Configuration
Abonnements
Rôles
Supprimer
Propriétaires

Movim Blog
The official Movim blog
330 subscribers – 33 posts

Movim movim@conference...
50 – Movim, the social platfor...

Public page

Owners

Timothée Jaussoin
edhelas@movim.eu

Subscriptions

Timothée Jaussoin
Miho

DINO

+

Prabhu, Violet

Violet: It's open source :) Check out the co...

Violet Kojo 22:59
Me: hehe 😊

Jaime Basil 16:52
Me: I guess you are right.

Silvester Cefin 14:38
Ok, see you there

Sofia Shams al-Din Yesterday
Yayy 😊

Prabhu Rigel Mi
Me: Yes.

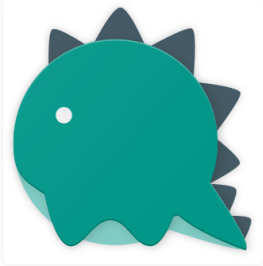
Ctirad Miloslav Di
Let's meet at the party, then.

Prabhu, Violet

If we have no peace, it is because we have forgotten that we belong to each other

Mia · 4 mins ago ✓ 🔒
Guys! I found Dino: <https://dino.im>
It's a modern XMPP ("Jabber") chat client for the desktop

Violet · 4 mins ago 🔒



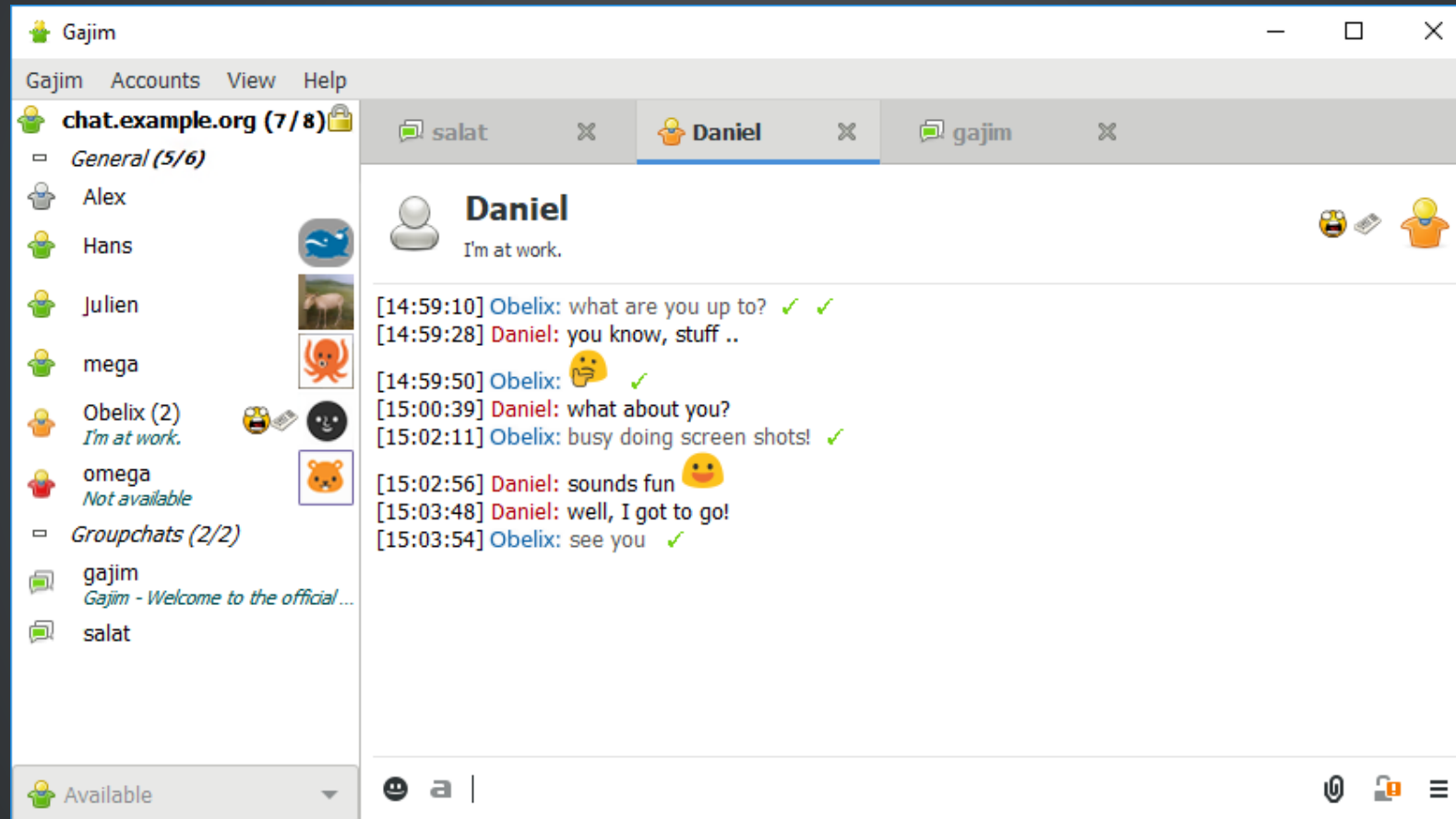
Prabhu · 2 mins ago 🔒
You can encrypt your messages with OMEMO or OpenPGP
And it syncs your messages with the server and other devices

Mia · 1 min ago ✓ 🔒
You can see whether your contact received and read your message
Also, there is file sharing and conferences!

Violet · Just now 🔒
It's open source :) Check out the code at <https://github.com/dino/dino>

🔒

GAJIM



POEZIO

```
Coucou
2013-05-01 12:40:34 louiz'> c l cul les CO CON
2013-05-09 13:15:06 jouponcon> coucou
2013-05-09 13:15:32 lihurou> coucou
2013-05-09 13:15:33 toto toto> coucou
2013-05-09 13:15:34 toto toto> coucou
2013-05-09 13:15:38 coucou> tg toto toto
2013-05-09 13:15:50 punouvi> parfait
2013-05-11 01:51:04 louiz'> slt
17:56:13 mathieui set the subject to: Coucou
17:56:54 --> mathieui joined the room
17:56:58 mathieui> coucou
17:57:04 coucou is now known as toto2
17:57:18 mathieui is now known as Jean-Pierre
17:57:57 toto2> Hello
17:58:00 toto2> Please talk
17:58:05 toto2> I want a screenshot for poezio.eu
17:58:15 je proteste> louiz', sdf
17:59:19 robert> Allo
17:59:20 toto toto> o_o
17:59:22 Users: 6
      ~Jean-Pierre -je proteste -louiz' -robert -toto toto -toto2

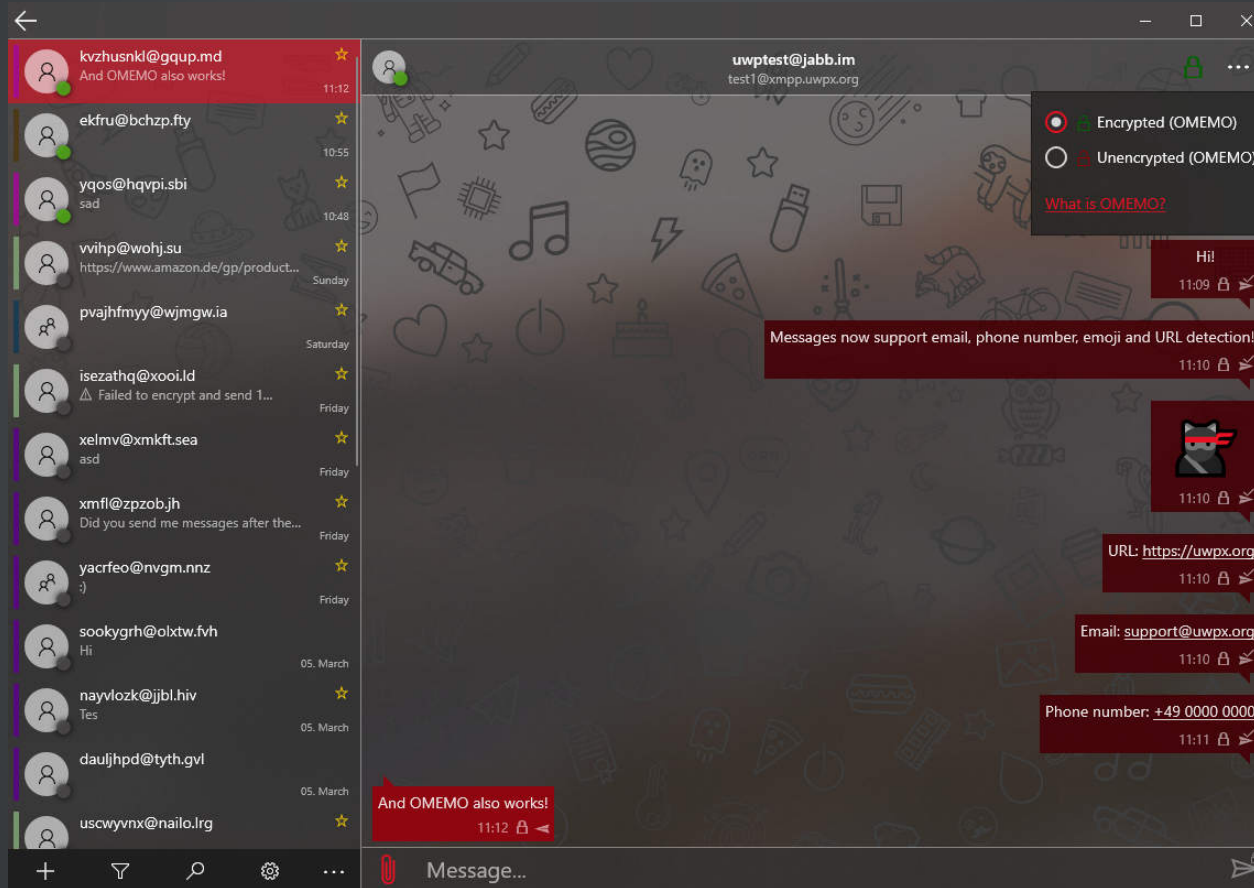
18:01:52 robert changed: role: visitor
18:02:04 You changed: affiliation: admin, role: moderator
18:02:16 -!- robert has been kicked Reason: BIM
18:02:49 --> robert (sdf@jeproteste.info/cc) joined the room
[test@kikoo.louiz.org](6) toto2 (admin, moderator)
      recolor - Change the nicks colors.
      role - Set the role of an user.
      say - Send the message.
      topic - Change the subject.
      unignore - Unignore someone.
      version - Get the software version of a jid.
      xhtml - Send custom XHTML.
Type /help <command_name> to know what each command does
[01|12|0]
```

PROFANITY

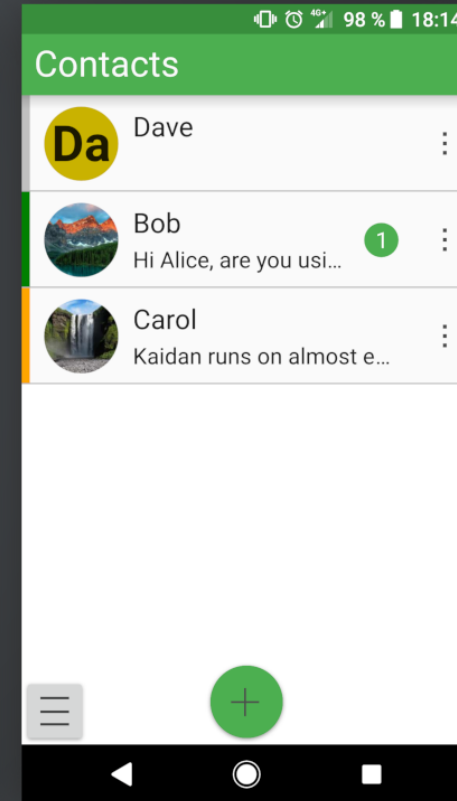
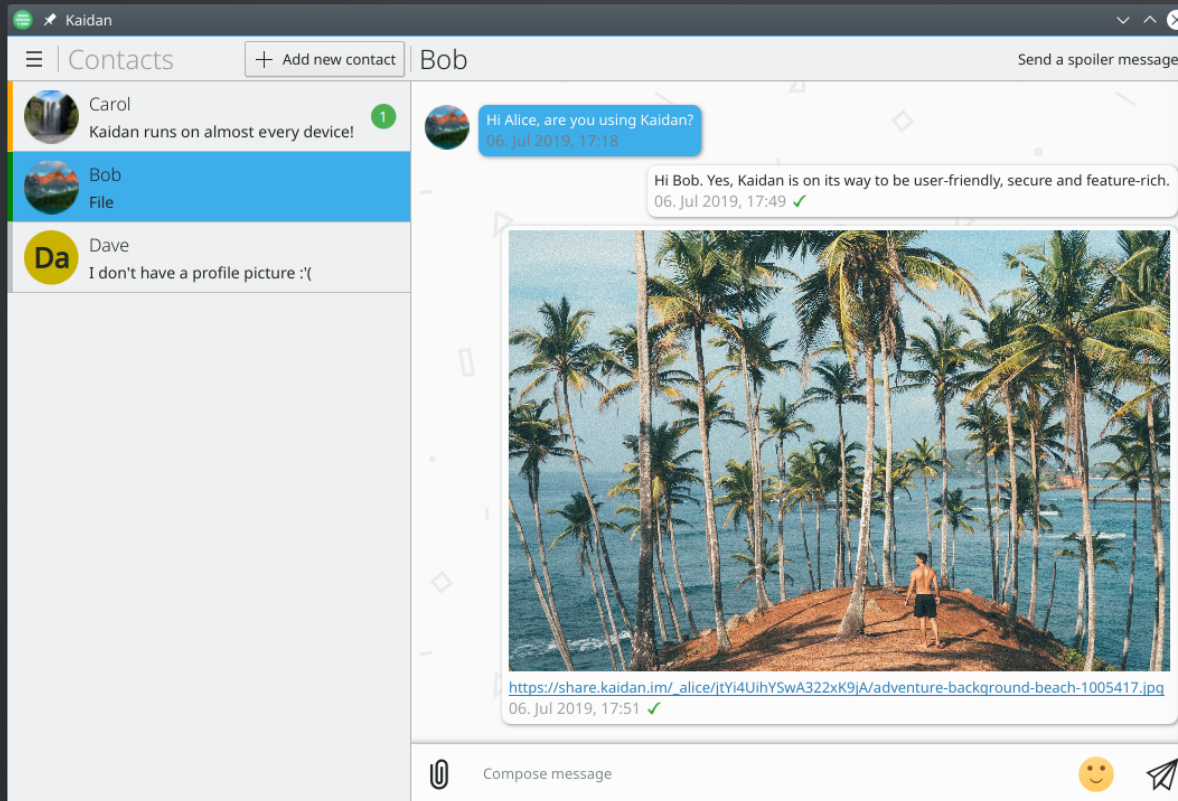
```
DemolitionGuy [ ...online ]
17:46:27 - DemolitionGuy: but the plans were on display
17:46:52 - me: on display?
17:47:08 - me: I eventually had to go down to the cellar to find them
17:47:23 - DemolitionGuy: thats the display department
17:47:32 - me: with a torch
17:47:54 - DemolitionGuy: ah, well the lights had probably gone
17:48:04 - me: so had the stairs
17:48:25 - DemolitionGuy: but look, you found the notice didn't you?
17:48:38 - me: yes
17:48:41 - me: yes I did
17:49:17 - me: it was on display in the bottom of a locked filing cabinet
17:49:36 - me: stuck in a disused lavatory
17:50:03 - me: with a sign on the door saying "Beware of the Leopard"

[17:55] prof1@panesar [1][2][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]
```

UWPX



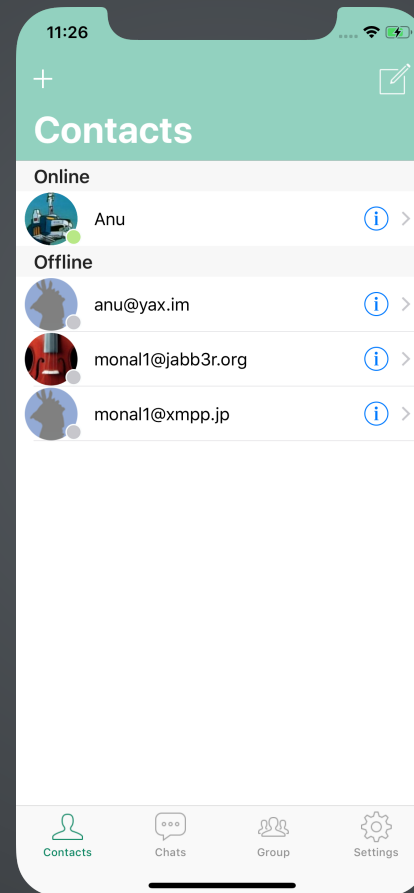
KAIDAN



CHATSECURE



MONAL



CONVERSATIONS

The image shows a mobile messaging application interface. The top part is a list of conversations, and the bottom part is a detailed view of the 'XMPP Council' chat.

Conversations List:

- XSf Discussion** (Aug 7): Ge0rG: Yes, change the subject, change all references and I...
- LNJ** (Aug 7): Vielen dank für die info
- XMPP Council** (Aug 7): Ge0rG: <https://xmpp.org/extensions/xep-0224.html>
- m** (Aug 7): War wo falsch verlinkt
- Space** (Aug 7): Paul: I always imagined the reentry of the falcon 9 fairing to...
- Dresden XMPP Meetup** (Aug 6): j.r: kalipso: Achso cool... also 15. August im Space
- XMPP Sprint** (Aug 5): r: Wait, no lan party?!
- Modern XMPP project discussion** (Aug 5): ffioj: R
- Conversations.im Support** (Jul 28): thehashaman: Hey I got the same problem when i tr...

XMPP Council Chat Details:

- Georg wasn't there, was that meeting technically quorate? Oh well. 😊
Thanks for stepping in, Link Mauve.
Aug 7, 18:13 · dwd
- dwd, he was there at times though. ^^
Aug 7, 18:13 · Link Mauve
- if only we had a protocol to indicate presence
Aug 7, 18:14 · jonas'
- At the beginning, which is probably all that counts.
Aug 7, 18:14 · dwd
- I'm very much sorry.
Aug 7, 18:17 · Ge0rG
- in those IRL committees I was part of, we'd keep track of presence and stop the meeting (except AOB) when we lost quorum because people had to leave
Aug 7, 18:18 · jonas'
- If only we had a way to track presences of participants in a MUC.
Aug 7, 18:19 · Link Mauve
- If only we had a way to track the presence of participants in a MUC.
Aug 7, 18:19 · Link Mauve
- If only
Aug 7, 18:46 · pep.
- <https://xmpp.org/extensions/xep-0224.html>
Aug 7, 18:46 · Ge0rG

Send unencrypted message

CONVERSATIONS - ROADMAP TO 3.0

- VoIP (Jingle)
- Massive refactor (AndroidX + Jetpack)
- Rich messages
 - Quotes
 - Website previews
 - Emoji Reactions
- Image viewer

QUICKSY

Verify your phone number

Quicksy will send an SMS message (carrier charges may apply) to verify your phone number. Enter your country code and phone number:

Germany

+ 49 phone number

NEXT

QUICKSY DIRECTORY

Enter your number for free with code: FrOSCon

quicksy.im/enter/

TIGASE

- Anroid: Stork
- iOS: Siskin IM
- MacOS: BeagleIM

XABBER

The screenshot displays the Xabber Web interface in a browser window. The address bar shows the URL <https://web.xabber.com>. The interface is divided into three main sections:

- Left Panel (Recent Chats):** A list of chat conversations with contact names and timestamps. The selected chat is with Lari Korhonen, dated Jun 21.
- Center Panel (Chat with Lari Korhonen):** Shows a conversation with Lari Korhonen (Online). The messages include:
 - Anna Maiorova: 20:11:05 (with a link icon)
 - Lari Korhonen: 20:11:20: "Ok, thank you. Let me try! Check the pic I have made today. It's my cat Lozi."
 - Lari Korhonen: 20:12:02: "Would you be able to give me your opinion on my market analysis? Remember we talked about it."
 - Attachment: "Market analysis.odt, 172.4 KB" with a "Download" link.
 - Lari Korhonen: 20:13:14: "I will take a look now, I am on my lunch break. Curious to see."
 - Anna Maiorova: 20:13:41: "A Million Thanks! I need to rush to an appointment now. I will get back to you later when I come home."
 - Lari Korhonen: 20:14:09: "Well, you can continue the chat from the same place on your mobile, just download the app, chats will be synchronized."
 - Anna Maiorova: 20:14:25: "Oh, cool! I really appreciate all your help and suggestions! I owe you. See you later!"
 - Input field: "Write a message..." with a microphone icon and a red line above it.
 - Bottom right: "anna.maiorova@redsolution.com"
- Right Panel (Contacts):** A list of contacts categorized into "Friends (1/11)", "Redsolution (20/30)", "Redsolution Ex (0/29)", and "General (1/2)". The "Friends" list includes Lari Korhonen (Online), Mary Smith, Alexander Hoffmann, Alice Petit, Angela, Atul Khan, Emilia Wagner, Latoya Amari, Martin Rodriguez, Nuno Almeida, and Wise Man.

LESSONS LEARNED

JINGE FILE TRANSFER VS HTTP UPLOAD

- **Jingle FT:** Gajim, Conversations, Swift, Dino (WIP), Psi (unreleased)
- **HTTP Upload:** Converse.js, Movim, Dino, Gajim, poezio, profanity, Kaidan, ChatSecure, Monal, Conversations, Siskin, Xabber, Yaxim, JSXC, Psi (unreleased)

OMEMO

Converse.js, Dino, Gajim, profanity, ChatSecure, Monal,
Conversations, Siskin, Psi, UWPX (very alpha)

Are we OMEMO yet? omemo.top

QUESTIONS?

Website: gultsch.de · Twitter: [@iNPUTmice](https://twitter.com/iNPUTmice)