

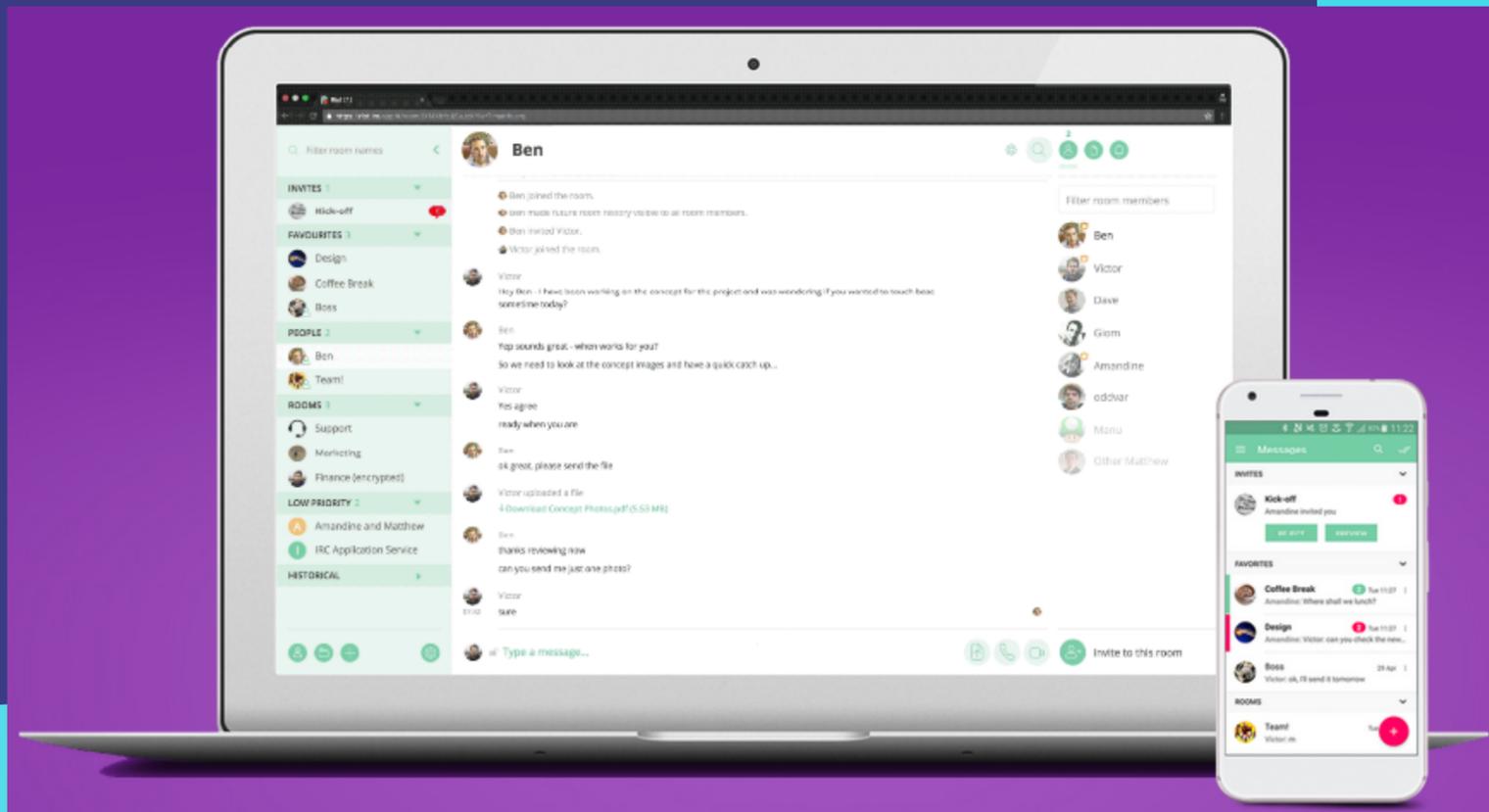
08.11.2018 // 20 UHR // KRAUTSPACE

VORSTELLUNG MATRIX

Dezentrales Messaging, VoIP,
Videotelefonie, Screensharing, Bridge zu
Telegram, XMPP, IRC, Discord,
WhatsApp u.v.m.

[matrix]

FEATURES



- Open source
- föderiert (jeder beteiligte Server besitzt die Daten)
- E2E verschlüsselt
- verschlüsselte Sprach- und Videoanrufe
- Lesestatus & "schreibt..." Mitteilung
- Integrationen
- Bridging

DEZENTRALER AUFBAU

IDs und Adressen

User

@user:server.tld

Raum

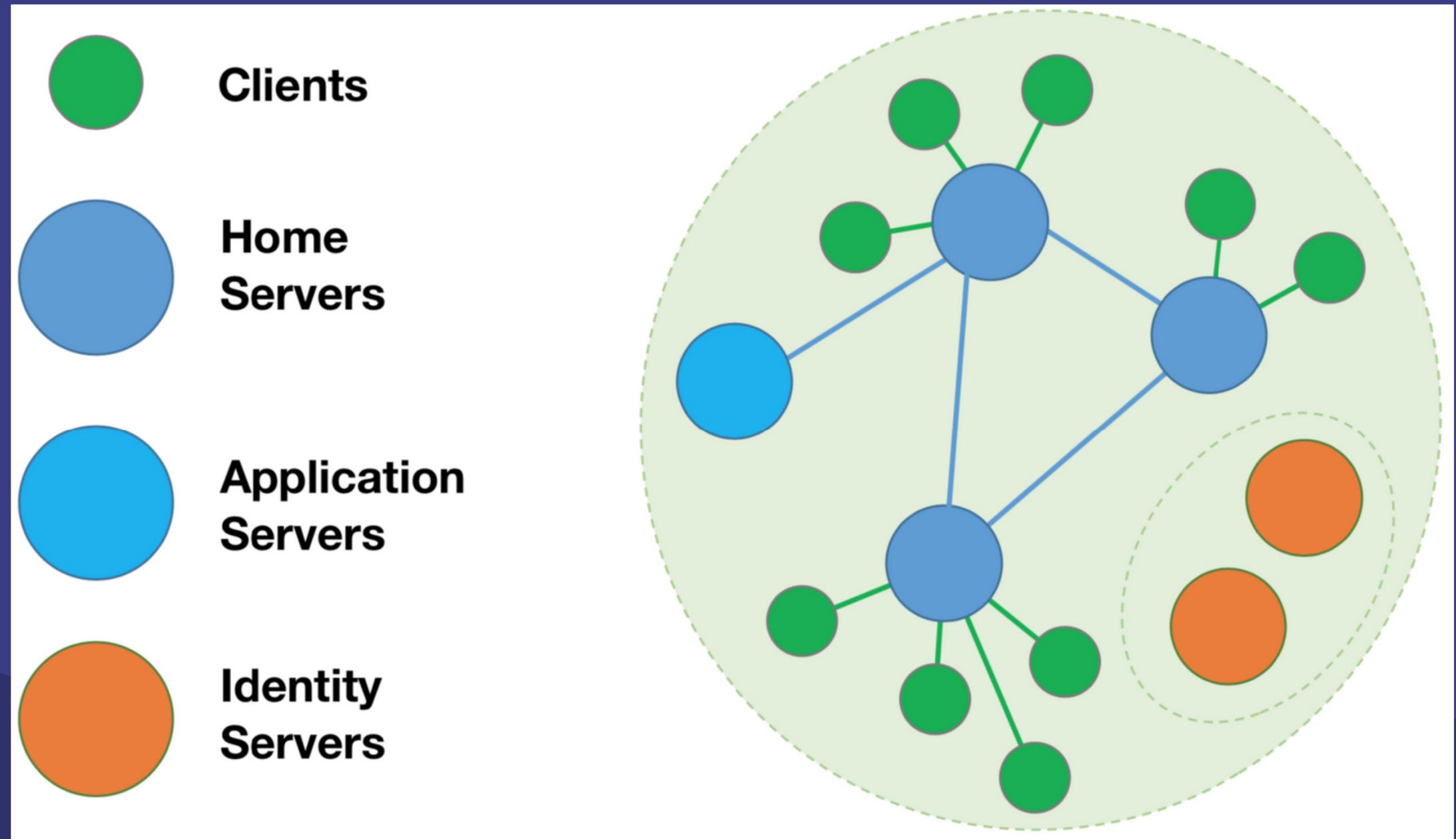
#raum:server.tld
(Alias-fähig)

Community

+community:server.tld

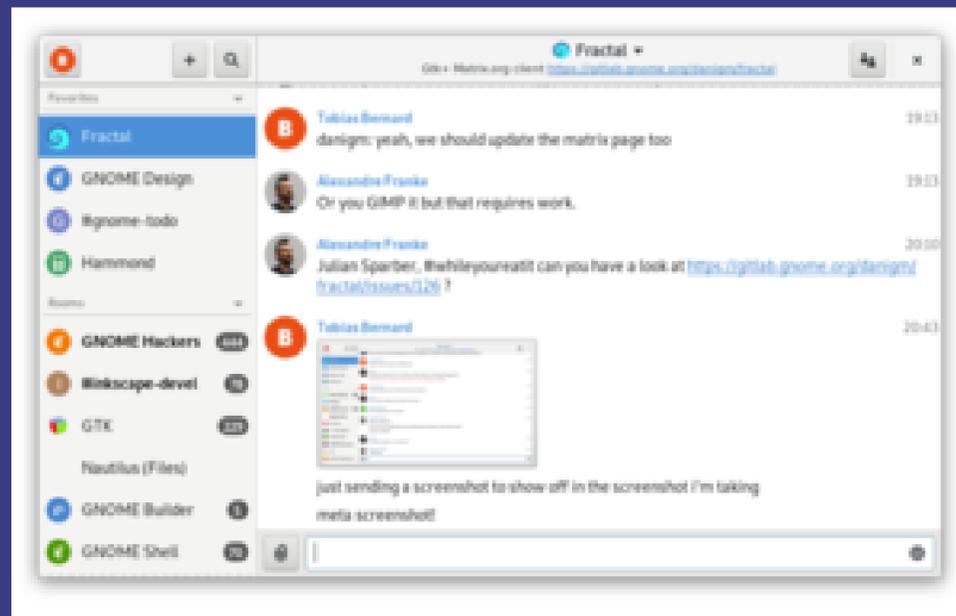
IDs

!bgHdOTeJtGh:server.tld



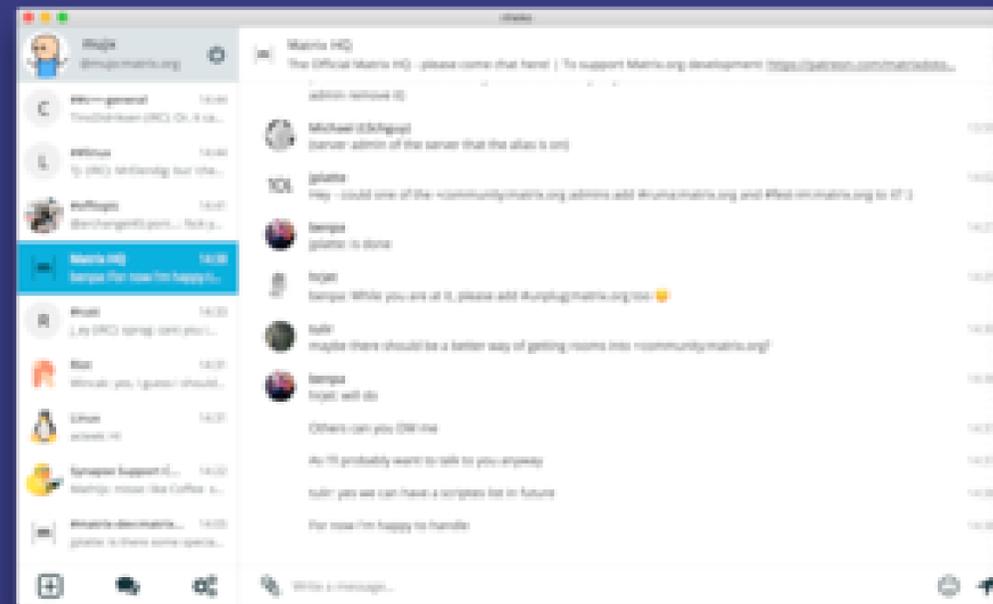
CLIENTS

WIR NUTZEN RIOT.IM



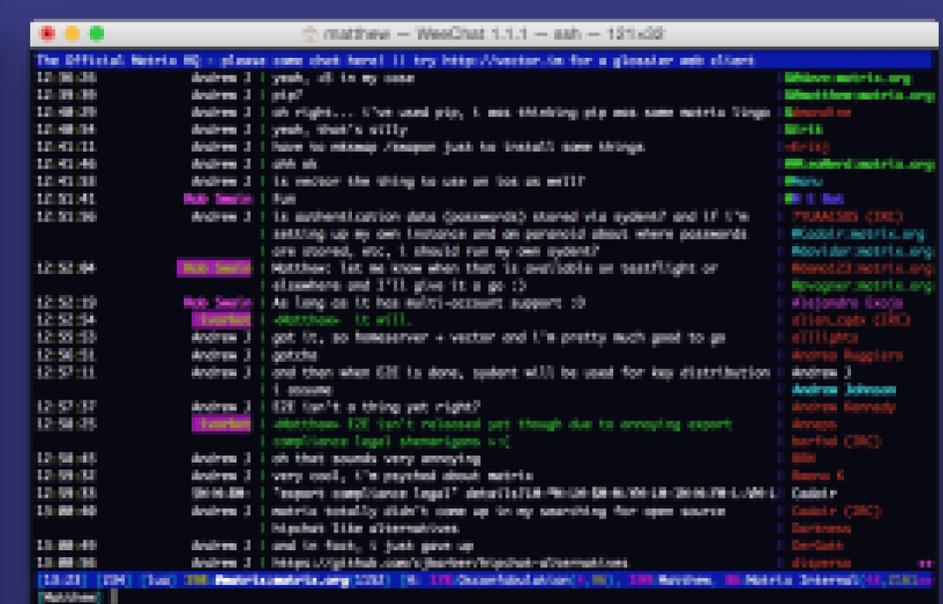
Fractal

GNOME, late alpha



Nheko

Desktop, Qt5, beta

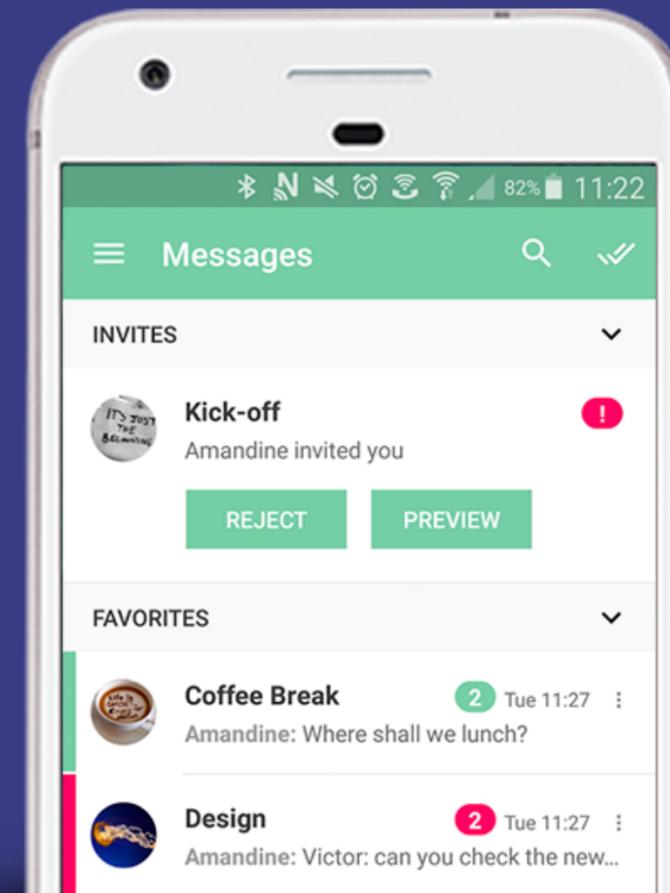
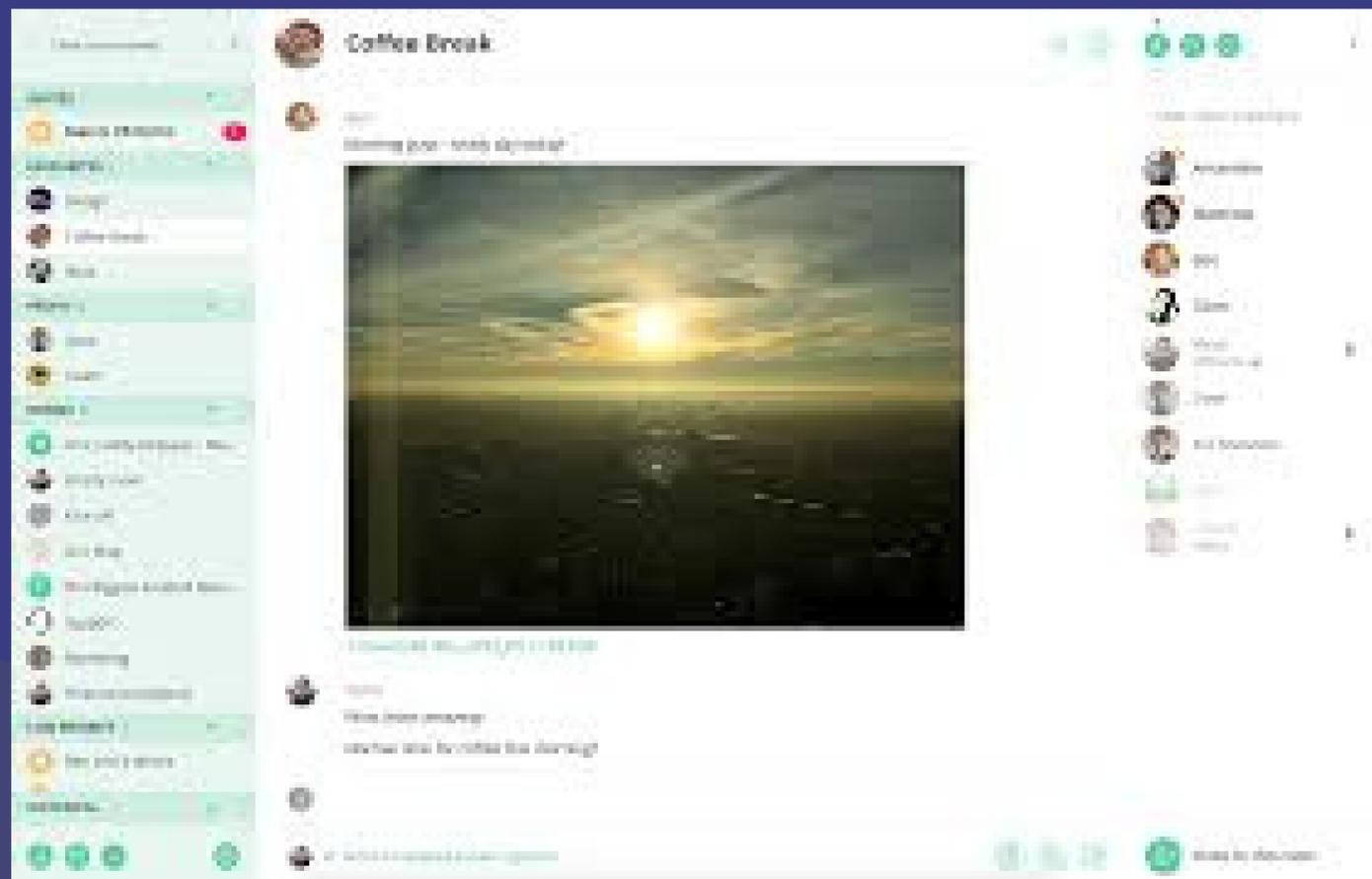
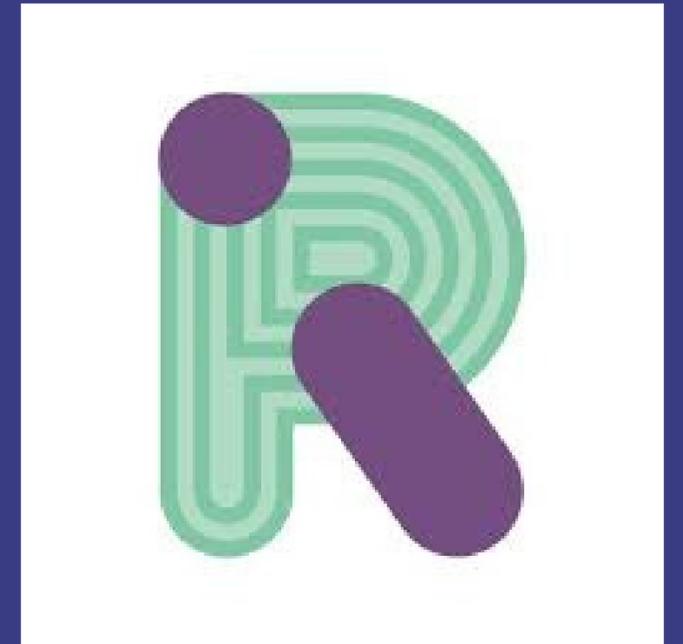


WeeChat script

Command line interface,
late beta

CLIENTS

WIR NUTZEN RIOT.IM



RÄUME (GRUPPEN) UND MITGLIEDERMANAGEMENT

Zugang, Öffentlichkeit, Power, Verschlüsselung

[m] **Matrix HQ**
The Official Matrix HQ - come chat here! || Try <http://riot.im> for a glossy client

Tagged as: Favourite Low priority

WHO CAN ACCESS THIS ROOM?

- Only people who have been invited
- Anyone who knows the room's link, apart from guests
- Anyone who knows the room's link, including guests

Enable encryption (warning: cannot be disabled again!)

List this room in matrix.org's room directory?

You have [enabled](#) URL previews by default.

- Enable URL previews by default for participants in this room
- Enable URL previews for this room (only affects you)

PERMISSIONS

The default role for new room members is

To send messages, you must be a

To invite users into the room, you must be a

To configure the room, you must be a

To kick users, you must be a

To ban users, you must be a

To remove other users' messages, you must be a

To notify everyone in the room, you must be a

To change the room's avatar, you must be a

To change the room's name, you must be a

To change the room's main address, you must be a

To change the room's history visibility, you must be a

To change the permissions in the room, you must be a

To change the topic, you must be a

To modify widgets in the room, you must be a

PRIVILEGED USERS

- @tobi:im.kabi.tk is a Admin

Liesa

@~~...~~

Level:

Offline

USER OPTIONS

- [Jump to read receipt](#)
- [Share Link to User](#)
- [Mention](#)
- [Ignore](#)

ADMIN TOOLS

- [Unmute](#)
- [Disinvite](#)
- [Ban](#)

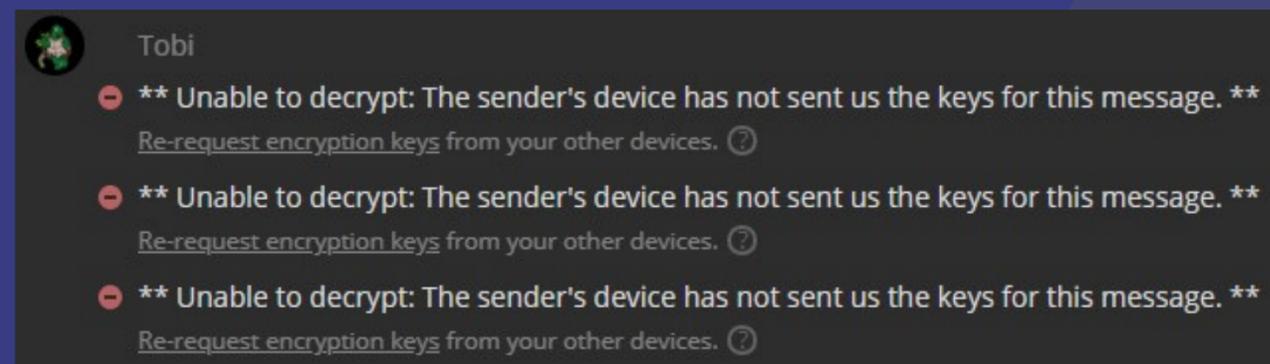
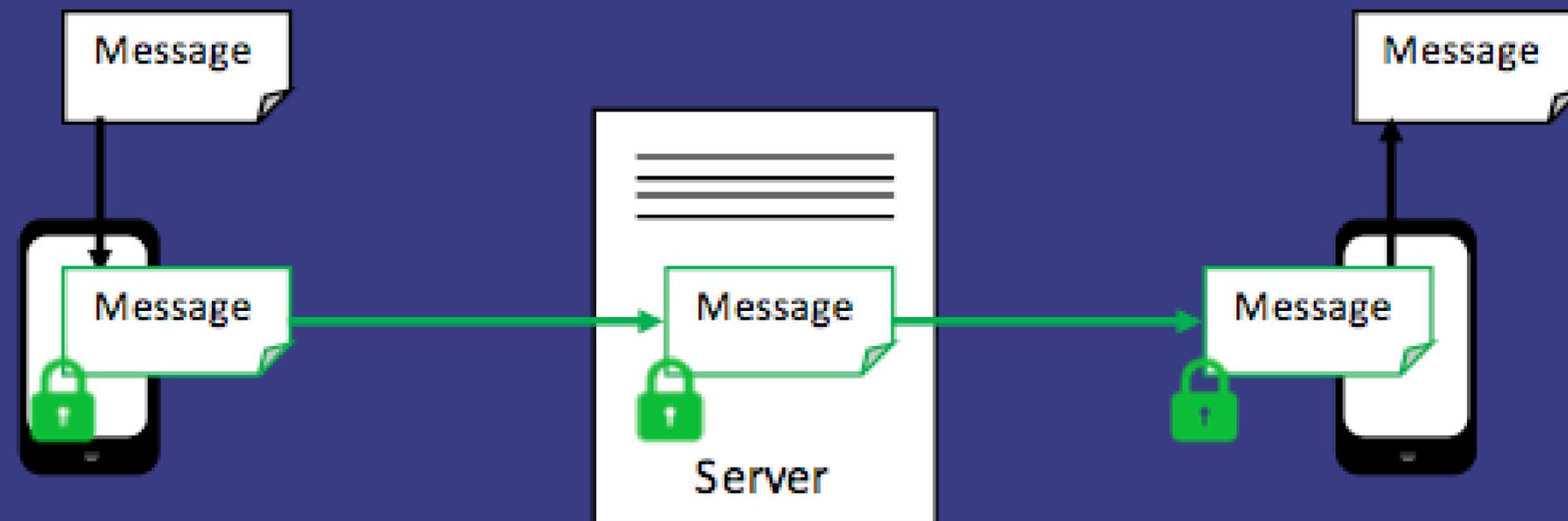
DIRECT CHATS

[Start a chat](#)

VERSCHLÜSSELUNG

E2E - OLM/MEGOLM VERSION 3.0.0 VOM
25.10.2018

- Schlüssel pro Gerät
- muss aktiviert werden
- funktioniert auch für Gruppenchats
- für öffentliche Gruppen ungeeignet
- Anrufe sind immer E2E-verschlüsselt



GERÄTEMANAGEMENT

Verwalten eigener Geräte und Schlüssel

DEVICES

Device ID	Device Name	Last seen	Delete device
XSMNEAOESO	https://app.im.kabi.tk/ via Chrome on Windows	127.0.0.1 @ 14:08	<input type="checkbox"/>
TCNCDUSZWL	TK-Mobile	127.0.0.1 @ 13:40	<input type="checkbox"/>
JBVRYEOJVA	TK-Laptop	127.0.0.1 @ Wed 23:35	<input type="checkbox"/>
VDMNMHRUXJ	TK-Tablet	127.0.0.1 @ Wed 22:36	<input type="checkbox"/>
ONGCHIQTIA	https://app.im.kabi.tk/ via Chrome on Windows	127.0.0.1 @ Wed 18:51	<input checked="" type="checkbox"/>

CRYPTOGRAPHY

Device ID: XSMNEAOESO
Device key: Zgm5 1gMg 0E4G 5wiW zRUs ZpN+ Okak Xbs0 qCXj aFBa OYU

Never send encrypted messages to unverified devices from this device



- alte Keys entfernen; Abmelden reicht
- Gerätenamen können umbenannt werden
- Keyexport
- ändern des Passwortes macht alle Keys ungültig

ÖFFENTLICHE GRUPPEN

[m]

Matrix HQ

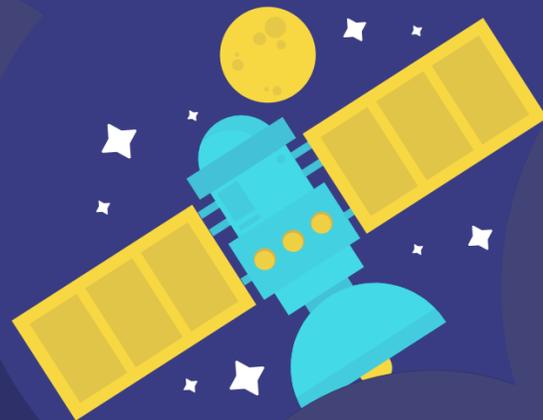
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- List this room in matrix.org's room directory?



Matrix Static - Public Room Time... x

https://view.matrix.org/room/!IMQUpNoGtjXOWqERR:matrix.org/

Vegan

Reducing our harm to animals and the Earth

87 Members
4 Servers

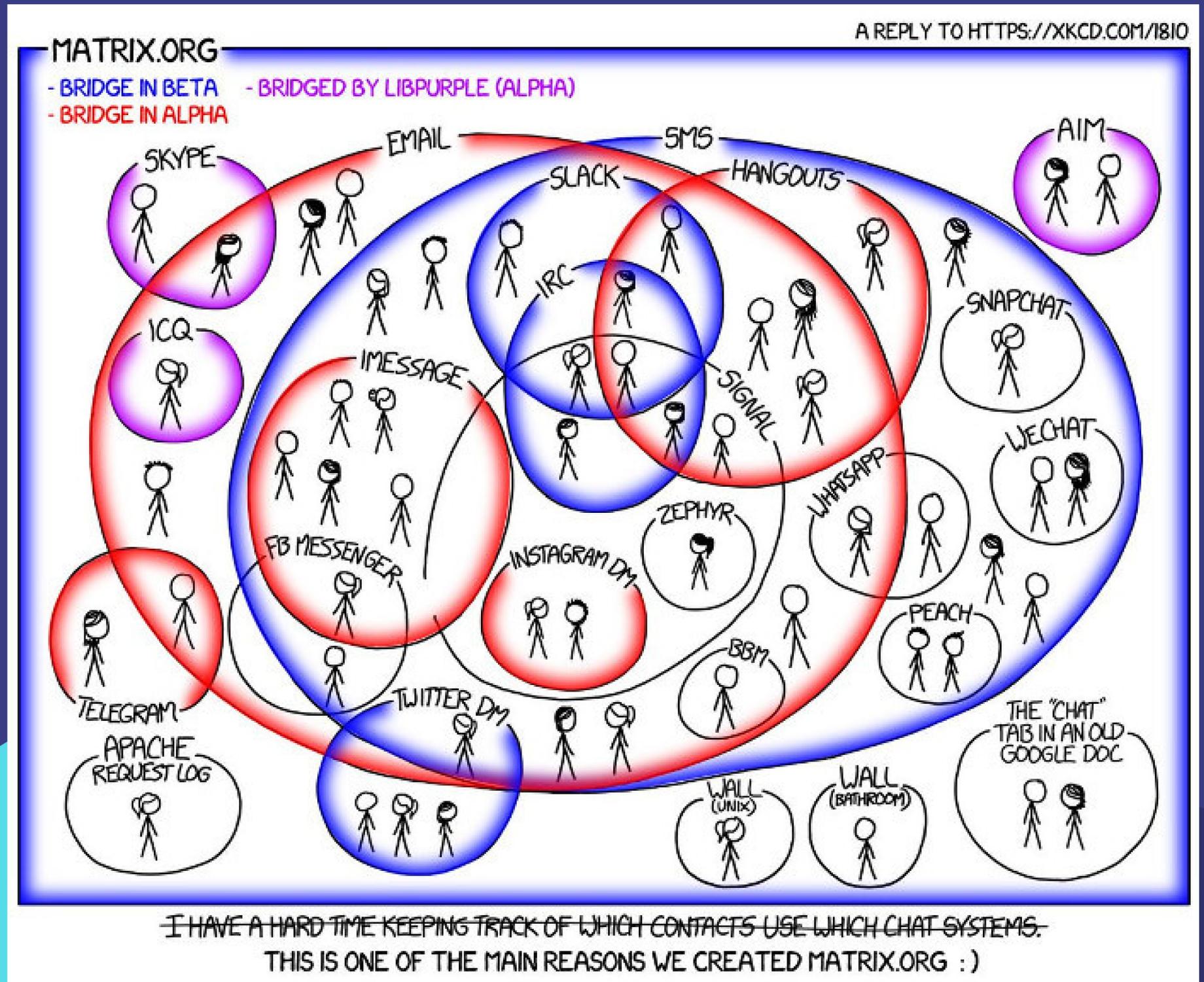
[Load older messages](#)

Timestamp	Message
30 Aug 2018	
15:27:13	nice! ANIMAL HUMAN NATURE LIBERATION NOW!!!
31 Aug 2018	
12:49:55	Just finished up at a Cube of Truth in Brisbane today. Was incredible!
10 Sep 2018	
01:02:44	joined the room.
12:58:57	changed their profile picture.
25 Sep 2018	
06:49:16	changed their profile picture.
26 Sep 2018	
20:46:42	changed their profile picture.
28 Sep 2018	
00:27:31	left the room.
2 Oct 2018	
00:53:20	changed their profile picture.
4 Oct 2018	
08:26:12	changed their profile picture.
5 Oct 2018	
15:01:26	changed their profile picture.
6 Oct 2018	
01:49:46	left the room.
13 Oct 2018	
17:40:06	joined the room.
18:05:20	set their display name to faber.
18:47:14	set a profile picture.
19 Oct 2018	
01:57:21	joined the room.
10:09:57	hi, do you have suggestions for nice recipes I can prepare on weekends for the week?
12:00:51	I don't cook from recipes a ton but things that are easy to make in big batches then save are good.

INTEGRATIONEN

Bridges

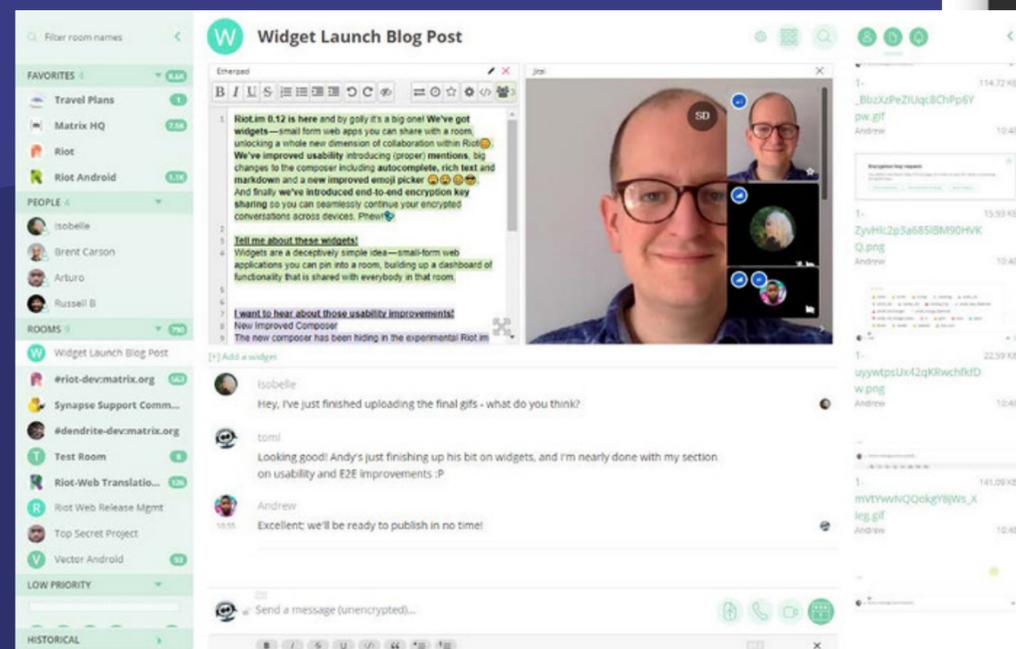
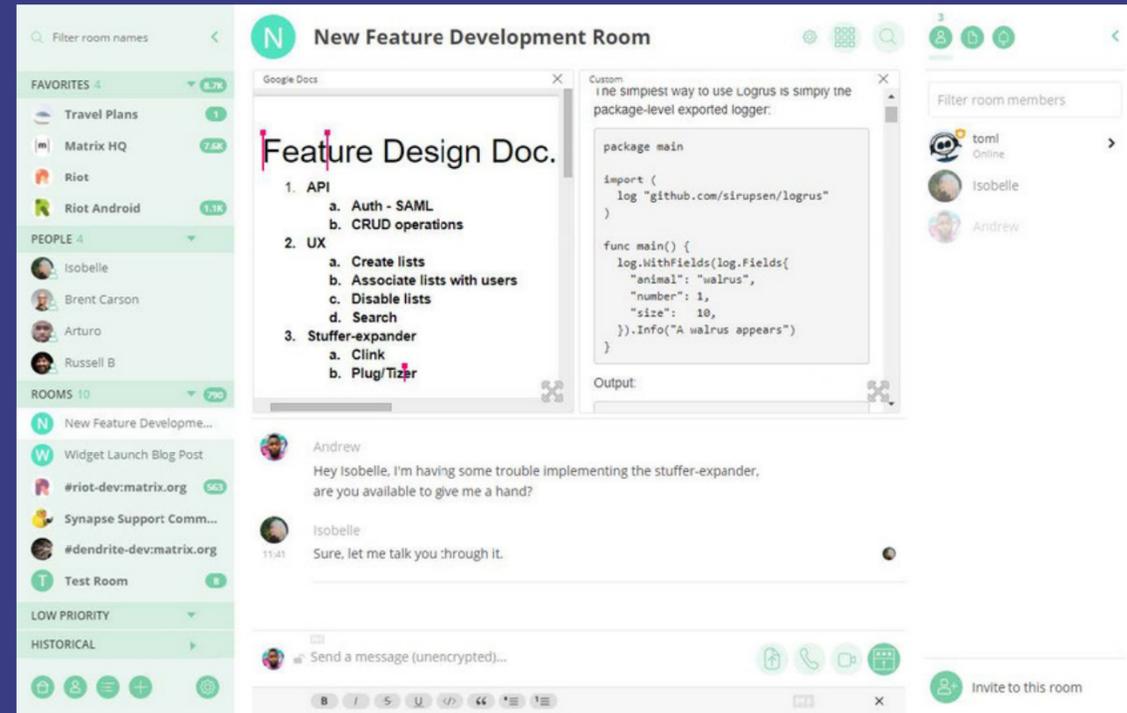
- grundsätzlich noch beta
- wird ständig weiterentwickelt
- Bots können leicht erstellt werden (z.B. Krautspace Türstatus)
- manchmal Spam-anfällig



INTEGRATIONEN

Services

- iFrame-fähige Webseiten können integriert werden
- GoogleDocs
- Etherpad
- Spotify
- Youtube-Videos
- Gruppen-Video Konferenzen

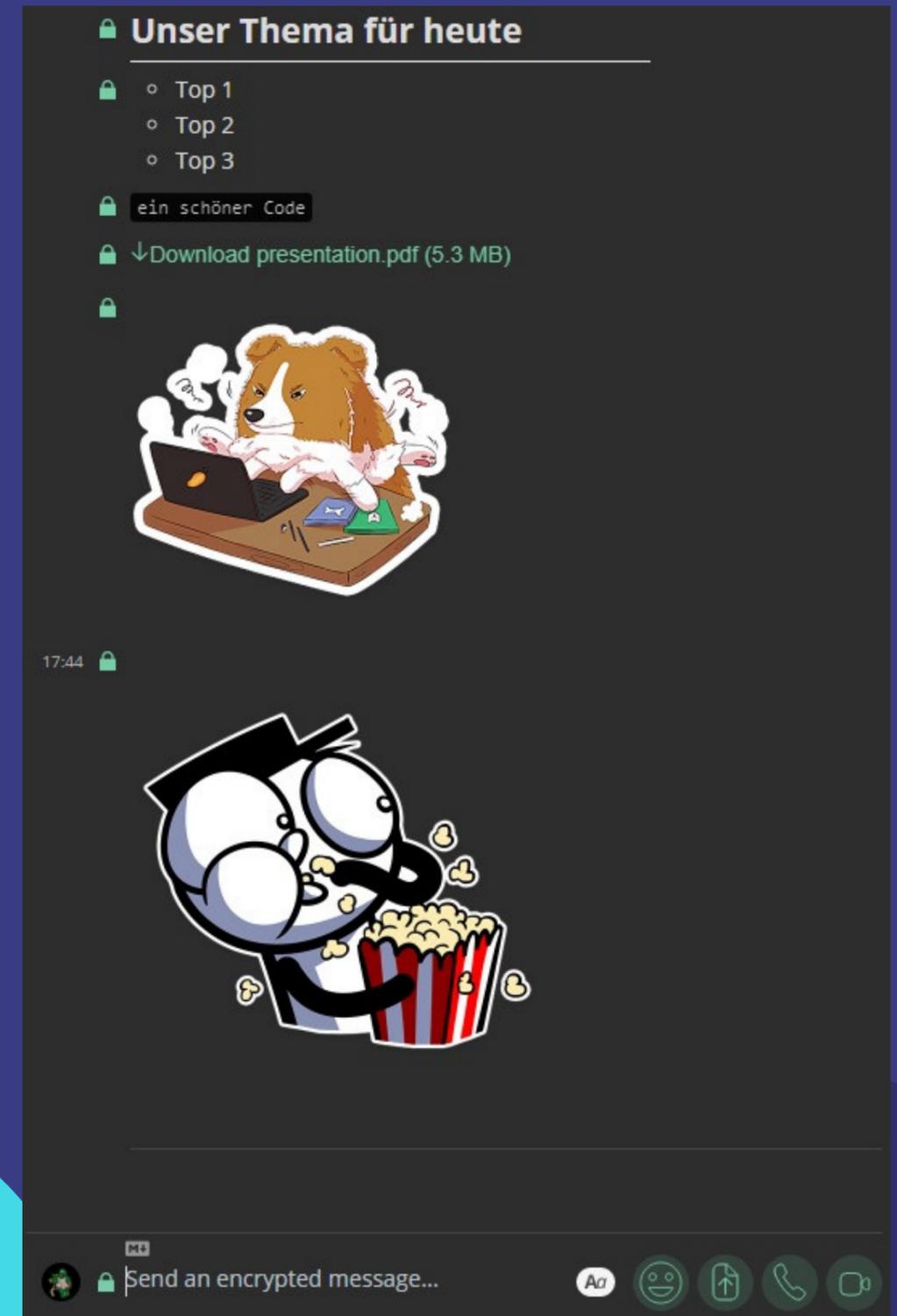
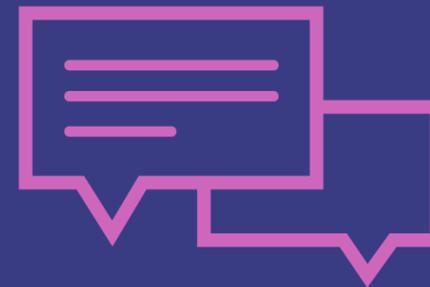


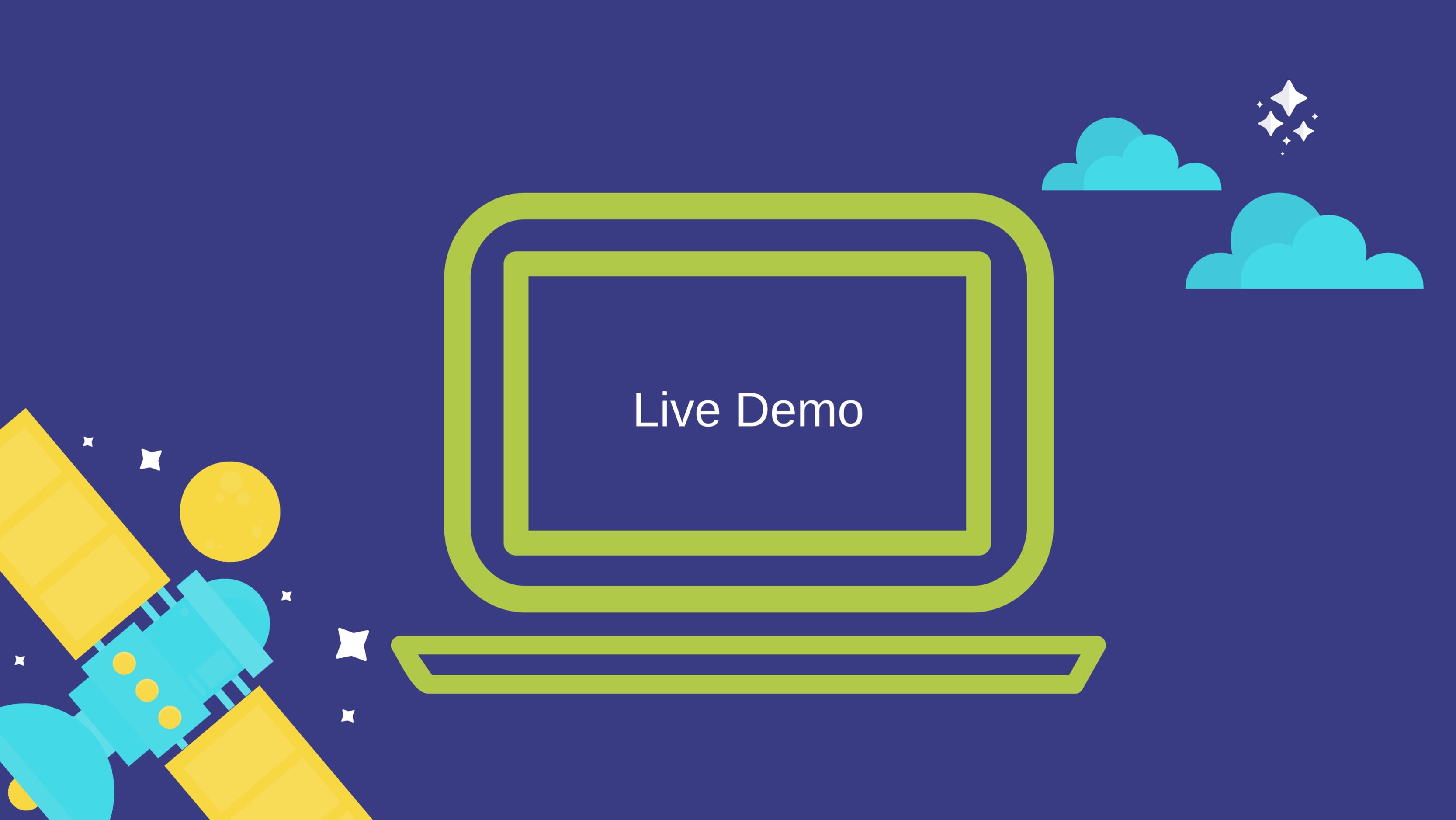
IN RIOT CHATTEN

Chatverlauf, Markdown und
Mediainhalte



- angesprochene Nutzer werden rot markiert
- Chat kann per Markdown strukturiert werden (<https://commonmark.org/help/>)
- Videos und Bilder sowie Dateien können versendet werden
- Stickerpacks können genutzt werden; künftig auch Telegram-Stickerpacks
- Shift + Videoanruf = Bildschirminhalt als Video übertragen

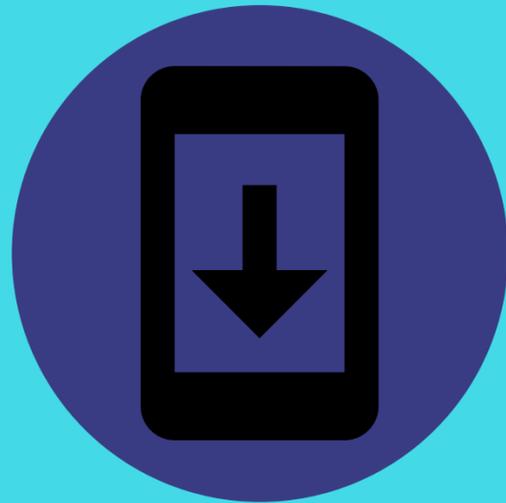




Live Demo

Getting Started

WIR WOLLEN ZUSAMMEN ACCOUNTS ERSTELLEN,
GRUPPEN BEITRETEN UND NACHRICHTEN
AUSTAUSCHEN



App installieren

<https://riot.im>

Download für iOS, Android,
Windows, MacOS, Linux oder
Browserinstanz



Registrieren

<https://matrix.bau-ha.us>
[@DeinName:bau-ha.us]
<https://webchat.weho.st>
[@DeinName:weho.st]



E-Mail-Adresse hinzufügen

um ggfls. das Passwort
wiederherstellen zu können

LET'S TEST IT

eigens Profil und
Einstellungen, Themes

- Username und Profil
- Profilbild setzen
- Einstellungen ansehen

lokale Gruppen joinen

- Krautspace
- Jena allgemein
- Maschinenraum Weimar
- 35c3 Leipzig
- Neuland Smalltalk

[#krautchan:matrix.org](#)

[#jena:matrix.org](#)

[#maschinenraum:bau-ha.us](#)

[#35c3:im.kabi.tk](#)

[#neuland:matrix.org](#)

weiter Gruppen /
Statistik

- Voyager-Bot
- Matrix-Stats

<https://voyager.t2bot.io/>

<https://matrixstats.org/>

What's next?

- FreundInnen von Matrix erzählen
- Riot nutzen
- Matrix selbst hosten
- an der Entwicklung mitarbeiten

***VIELEN
DANK!***



Kontakt

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Tobi: @tobi:im.kabi.tk

Nutzungsbedingungen

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