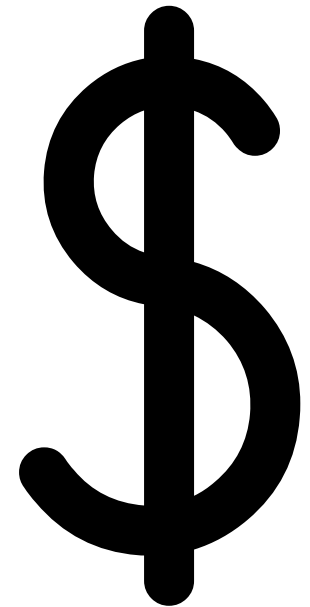
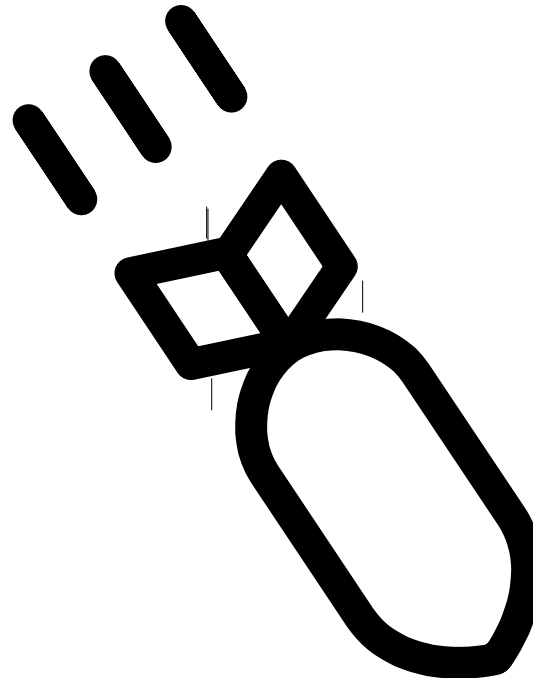
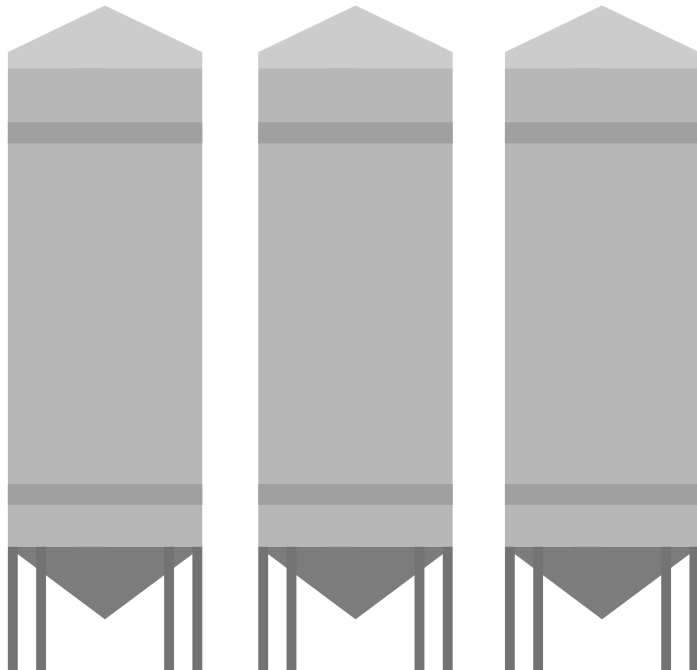


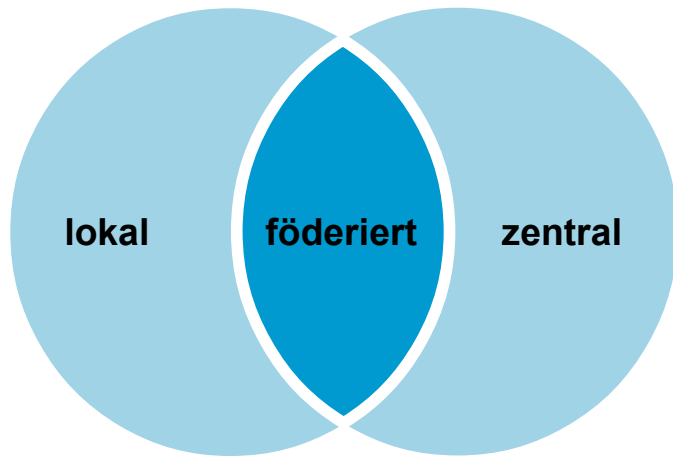
Instant Messaging als Cloud-Dienst: Chancen und Herausforderungen

Marcel Waldvogel, Daniel Scharon
DFN-Betriebstagung Berlin, 27.09.2017

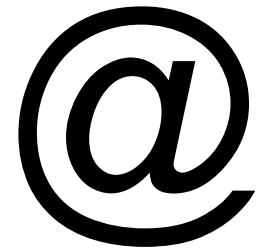
Warum Chat?



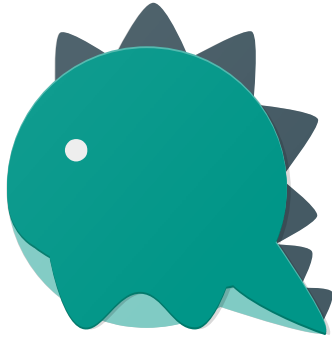
Warum XMPP?



Open Source
Initiative



Cooler Clients



Dino

Linux (Windows, macOS)



Conversations

Android



ChatSecure

iOS



movim

Web



JSXC

Web

- All files
- Recent
- Favorites
- Shared with you
- Shared with others
- Shared by link
- Tags
- Deleted files
- Settings

Name	Size	Modified
foobar	0 KB	a month ago
Welcome 1 This is just The packa	< 1 KB	4 months ago
Welcome 1 This is just The packa	< 1 KB	4 months ago
1 folder	328 B	

- Daniel
I like [profile] in [profile]
- Georg
- Marcel
Are you online?
- Tobia

- Settings
- Mute
- Hide offline contacts
- Add contact
- Online help
- Join chat
- About
- Online

Daniel

Hi
3:21:18 PM

Unverified Private conversation started.

Hi 🐻
3:21:32 PM

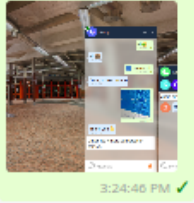
I like [profile] in [profile]
3:21:51 PM

👋 🤔 🤪 🤩 🤨 🤗 🤖 🤡 🤠 🤫 🤬 🤭 🤮 🤯 🤰 🤱 🤲 🤳 🤴 🤵 🤶 🤷 🤸 🤹 🤺 🤻 🤼 🤽 🤾 🤿 🧑 🧒 🧓 🧔 🧕 🧖 🧗 🧘 🧙 🧚 🧛 🧜 🧝 🧞 🧟 🧠 🧡 🧢 🧣 🧤 🧥 🧦 🧨 🧩 🧪 🧫 🧬 🧭 🧮 🧯 🧰 🧱 🧲 🧳 🧴 🧵 🧶 🧷 🧸 🧹 🧺 🧻 🧼 🧽 🧻 🧼 🧽 🧻 🧼 🧽

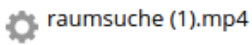
Message

Georg

Hello Klaus 😊
3:24:16 PM


3:24:46 PM

Awesome 👍
3:25:45 PM


3:28:41 PM



Looks good to me 😎
3:28:37 PM

🧐
3:28:50 PM

Call terminated: hung up.

Message


Marcel
Are you online?







sogo1
sogo1@example.com 


-  sogo1@example.com 
0% used on 2048 MB
-  INBOX
-  Drafts 
-  Sent
-  Trash
-  Junk





 Drafts  

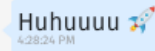

1 messages



 **sogo1** 10:17
Test E-Mail


    



Test E-Mail
Friday, March 11, 2016 10:17 EST
To [sogo2](mailto:sogo2@sogo1@example.com)
 **sogo1** sogo1@example.com








 fritz@localhost   

 Huhuuuu 
4:28:24 PM

 Hi
4:28:12 PM 



 Message 

-  fritz@localhost
Huhuuuu 
-  Georg
-  Ilias 0
-  Ilias 1
-  Ilias 2
-  Ilias 3
-  Ilias 4
-  Ilias 5
-  Ilias 6
-  Ilias 7
-  Ilias 8
-  Ilias 9
-  Mr. Bla
-  sogo1@localhost
-  sogo2@localhost
-  Online 



PERSONAL DESKTOP ▾

REPOSITORY ▾

Overview

Selected Items



Test



Mail



0 Mail(s)

Notes



0 Notes

fritz@localhost
Huhuuuuuuuu 🤓

Georg

Ilias 0

Ilias 1

Ilias 2

Ilias 3

Ilias 4

Ilias 5

Ilias 6

Ilias 7

Ilias 8

Ilias 9

Mr. Bla

sogo1@localhost

sogo2@localhost

Online

fritz@localhost

Hi Fritz
2:46:41 PM ✓

Huhuuuuuuuu 🤓
2:46:54 PM

Message

Georg

- Authentication
- Clear history
- Send file

Message

Unser Angebot



XMPP

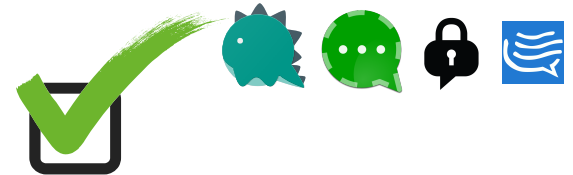
@uni-musterstadt.de



Shibboleth®

Herausforderungen

– Featurefragmentierung



– Zertifikate

- Ausstellen und weitergeben
- Delegation DFN-PKI
- Delegation DNS/Let's Encrypt

Wieso?

- Uniweiter Server seit 2010
- Aktive Client-Entwicklung
- Erfahrung in der XMPP-Integration

Interesse?

Fragen?

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Efficient Secure and Private Collaboration

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– 5031

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