## xmpproxy

A proxy server for xmpp

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## What is XMPP?

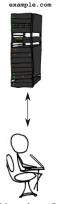
### In short:

An instant messaging protocol

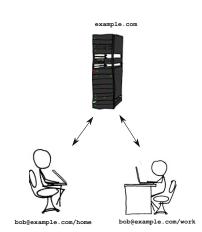
### One Capability:

XMPP allows multiple clients to connect to the same account

# Example



bob@example.com/home

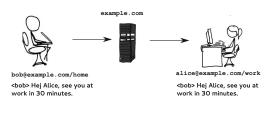


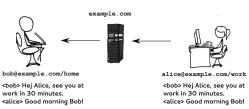
# Incomplete conversations

#### Problem:

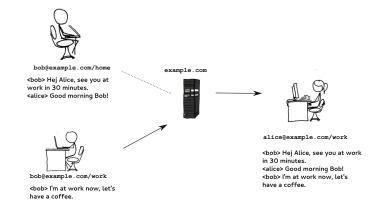
Leads to incomplete conversations

## Single client

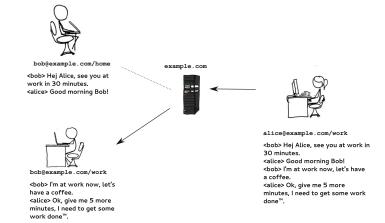




### Two clients



### Two clients

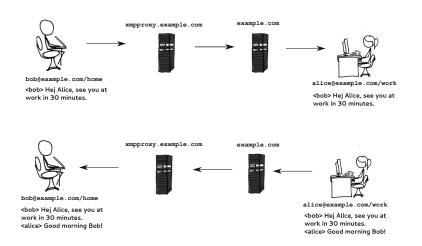


## Requirements

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- Every client has to see all incoming messages
- Outgoing messages have to be mirrored to other clients
- ⇒ Put a proxy server inbetween actual client and server

# One client, incoming and outgoing



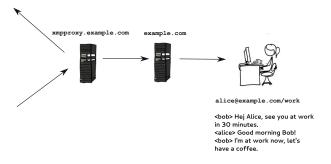
# Two clients, outgoing



bob@example.com/home
<boby Hej Alice, see you at
work in 30 minutes.
<alice> Good morning Bob!
<boby I'm at work now, let's
have a coffee.



bob@example.com/work <bob> I'm at work now, let's have a coffee.



## Two clients, incoming



bob@example.com/home

<bob> Hej Alice, see you at work in 30 minutes.
<alice> Good morning Bob!
<bob> I'm at work now, let's have a coffee.
<ali><alice> Ok, give me 5 more minutes, I need to get some work done™.



bob@example.com/work <bob> I'm at work now, let's have a coffee. <ali>calice> Ok, give me 5 more minutes, I need to get some work done™.

