

Using XMPP to Build an Open Social Network

or “why use open protocols”



buddycloud channels
personal mobile broadcasting

today

- facebook privacy
- no federation
- realtime hello?!?
- location







MY AWESOME CHANNEL
the original home of awesomeness.
simon@buddycloud.com

Produces	13
Moderates	16
Channel Rank	22
Days on air	71


Has been at:
Is now at: BC
Is going to: Plan the week

 "Please all check out your web-channels. The URL looks like <http://beta.buddycloud.com/user/buddycloud.com/simon>
simon@buddycloud.com


 "Wow, awesome reheated stew."
simon@buddycloud.com

 "Wow, awesome reheated stew,"
simon@buddycloud.com


#water
all things good and tasty with water

 arty@ccc.jabber.org | 12:31
Munich, Germany


When was our meeting today? I will be late Lor sed ex exerat nullandre min utpatue Ecte tat etueraesto consed enim velit lum ero el utpatue Ecte tat etueraesto consed enim velit lum ero el

 hotgirl@pamonTV.org | 12:38
Town, Country

When was our meeting today? I will be late Lor sed

 arty@ccc.jabber.org | 12:38
Munich, Germany

When was our meeting today? I will be late

 ross@buddyblouc.com | 12:38
Munich, Germany

When was our meeting today? I will be late Lor sed



what is buddycloud?

- place based
- location without check-ins
- channels
- all XMPP
- all open standards
- opensource (buddycloud.googlecode.com)



XMPP is a sexy protocol



saying hello

```
<message from="simon@buddycloud.com/  
Adium" type="chat"  
to="simontennantgtalk@gmail.com"  
id="purpleed42379c" >  
  <body>hello</body>  
</message>
```



setting location

```
<iq type='set' id='publish1'>  
  <pubsub xmlns='http://jabber.org/protocol/pubsub'>  
    <publish node='http://jabber.org/protocol/geoloc'>  
      <item>  
        <geoloc xmlns="http://jabber.org/protocol/geoloc" xml:lang="en" >  
          <text>Starbucks</text>  
          <area>Munich</area>  
          <locality>Schwabing</locality>  
          <region>Bavaria</region>  
          <country>Germany</country>  
          <lat>51.290166</lat>  
          <lon>6.565389</lon>  
          <accuracy>2303.0</accuracy>  
        </geoloc>  
      </item>  
    </publish>  
  </pubsub>  
</iq>
```

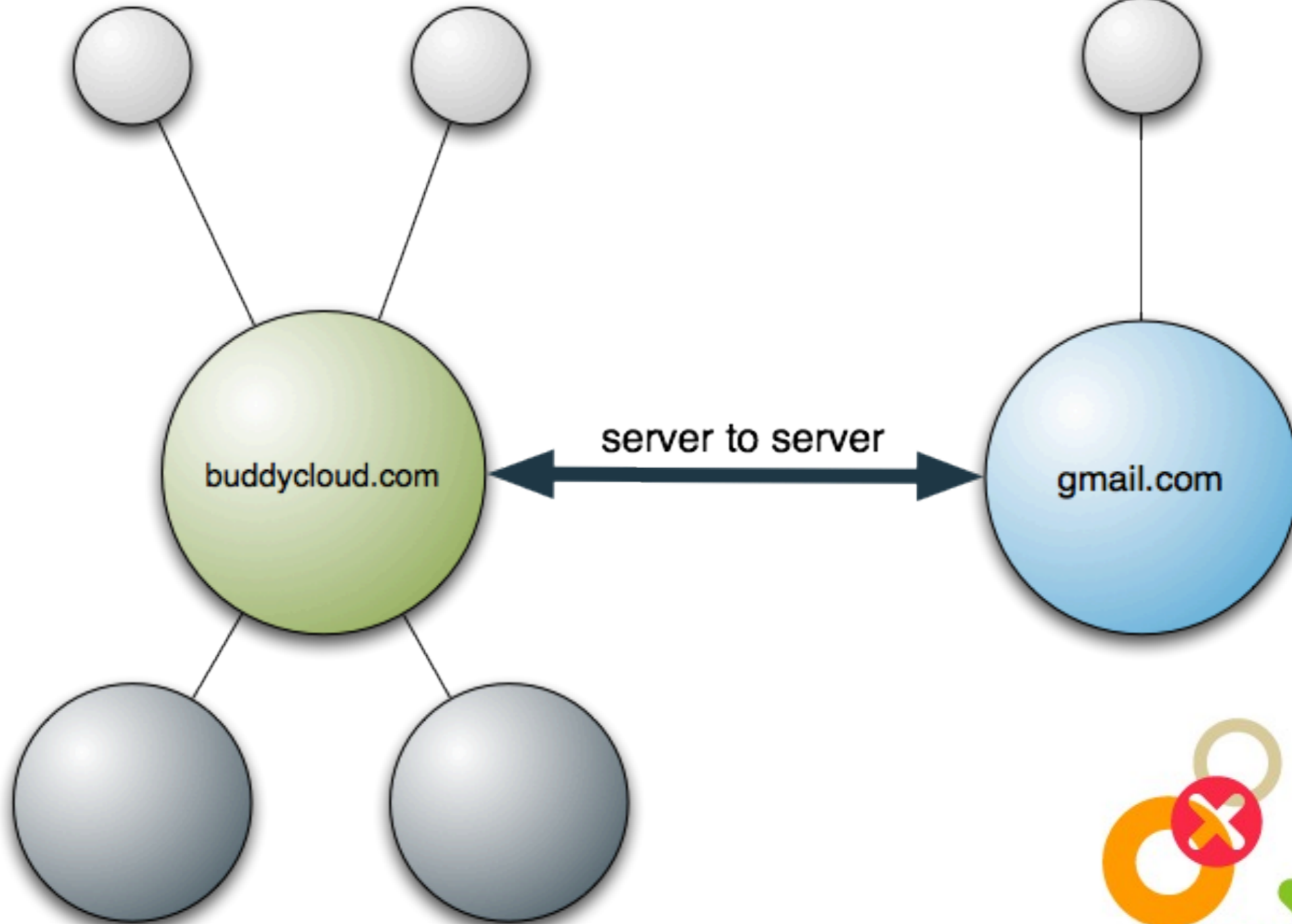


what is xmpp?

simon@buddycloud.com/laptop
priority: 9 (away)

simon@buddycloud.com/nokia
priority: 10

james@gmail.com/gmailwebsite
priority 0



location.buddycloud.com

channels.buddycloud.com



why open protocols?



why we chose XMPP



protocol howto

- XMPP uses XEPs (pronounced “ZEP”)
- be lazy: use existing
- build first
- “any interest?”
- draft specs / show working implementations
- committee votes
- old specs purged



code

- <http://XMPP.org>
- <http://OSLO-protocol.googlecode.com>
- <http://buddycloud.googlecode.com>
 - iphone, android and symbian clients
 - website code
- <http://asmack.googlecode.com>

