



Happy To Help

XMPP and the Conversational Web

OGNI4 — 23 Sep 2009

twitter.com/petef, specializein.com,

photo by peterastn on flickr, text by somic

**Im in yr serverz,
queueing yr messagez**

What's it all about?

- XMPP
- Publish and Subscribe
- 'bots
- Message Queues
- HTH
- Wave

photo from jazzmasterston on flickr

Extending XML Messaging

XMPP

- Jabber, by Jeremie Miller, 1999
- xmpp.org and jabber.org
- “rough consensus and running code”
- RFC 3920,
- XEPs at <http://xmpp.org/extensions/>
- BOSH

O'REILLY®

DJ Adams

photo from O'Reilly

Publish and be damned

A portrait of a man in a red military uniform with gold epaulettes and buttons. He is looking slightly to the right. The background is dark.

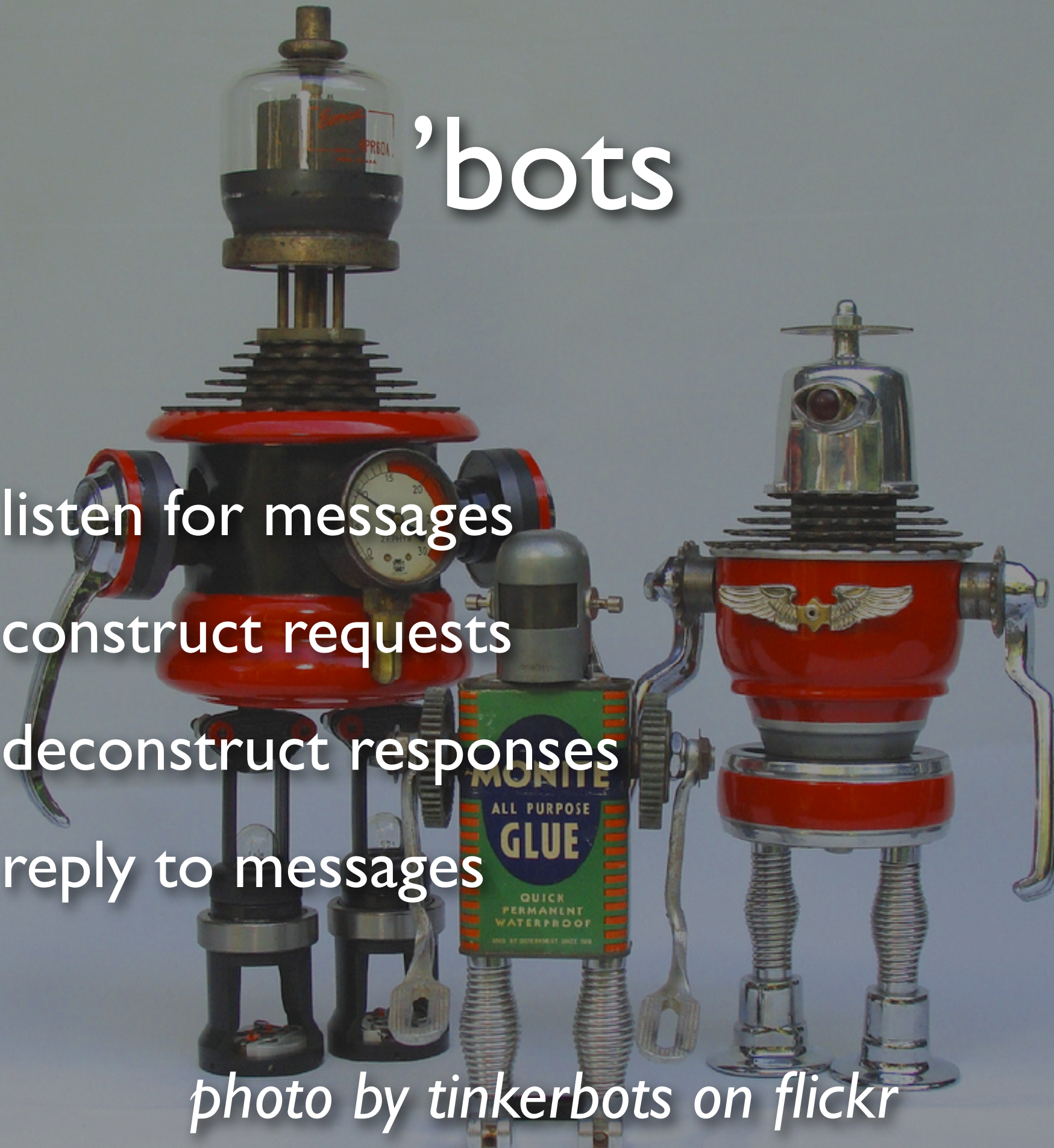
- Server publishes topics
- Client subscribes to topics
- Server pushes relevant updates to clients
- XEP-0060, webhooks, pubsubhubbub

photo from Wikipedia

'bots

- listen for messages
- construct requests
- deconstruct responses
- reply to messages

photo by tinkerbots on flickr



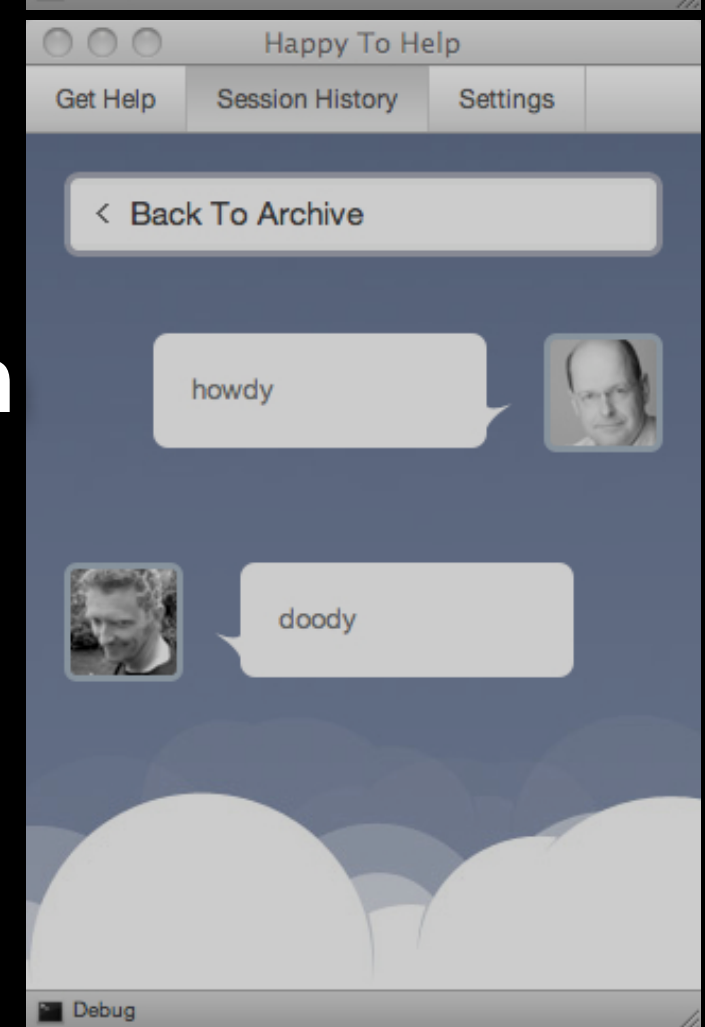
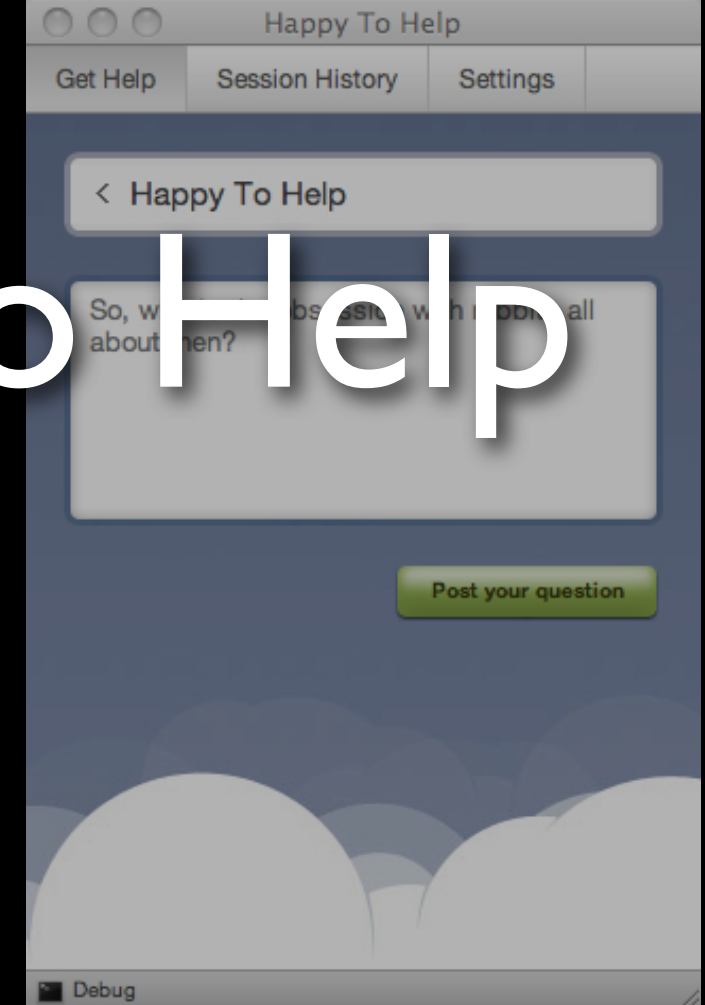
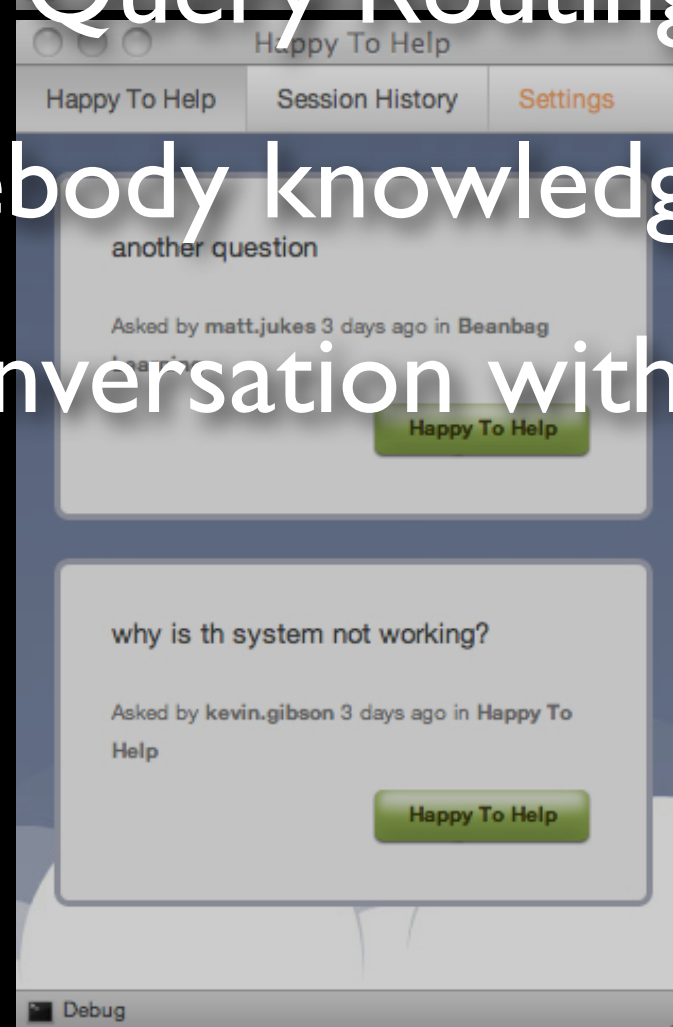
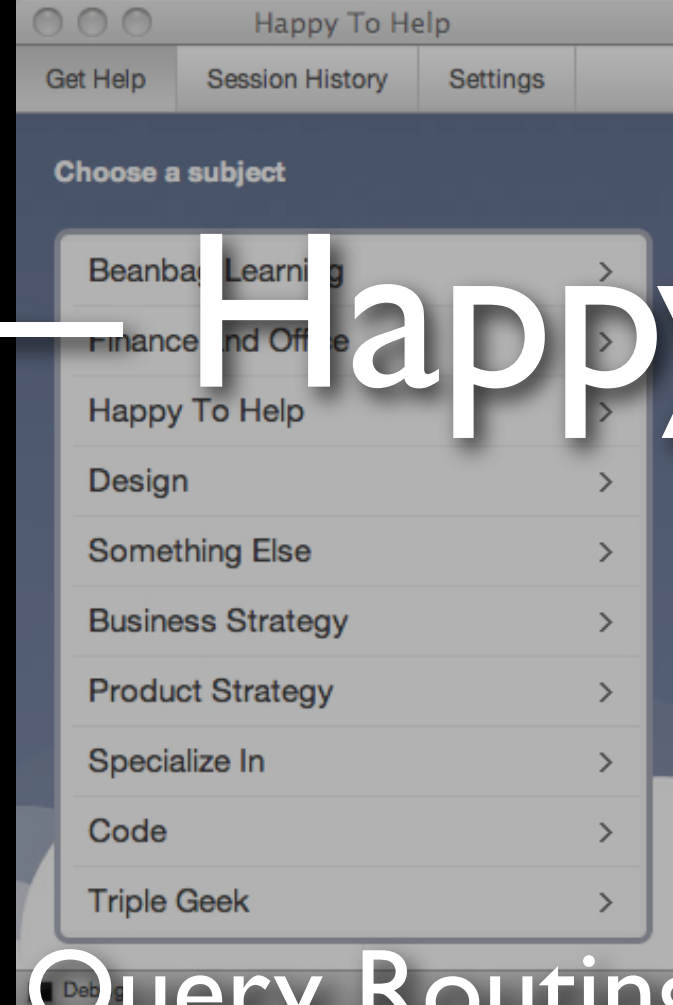
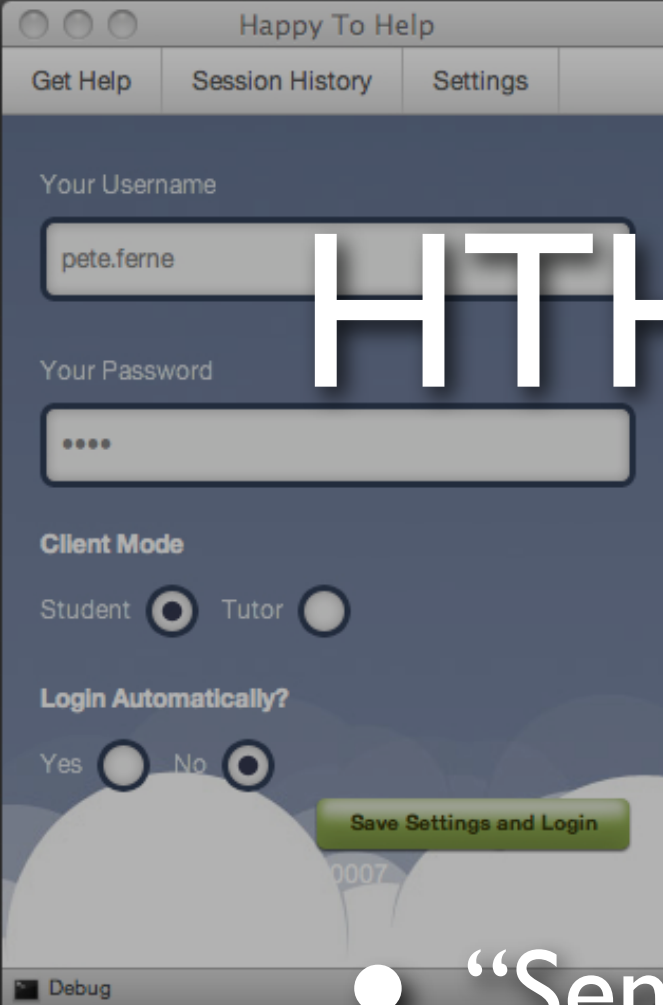
Message Queues

- AMQP, Stomp, XMPP
- Amazon SQS, Apache ActiveMQ, Beanstalkd, MemcacheQ, Nanite, RabbitMQ, reliable-msg, Spread Toolkit, Starling, StompServer
- community, persistence, licensing, lock-in

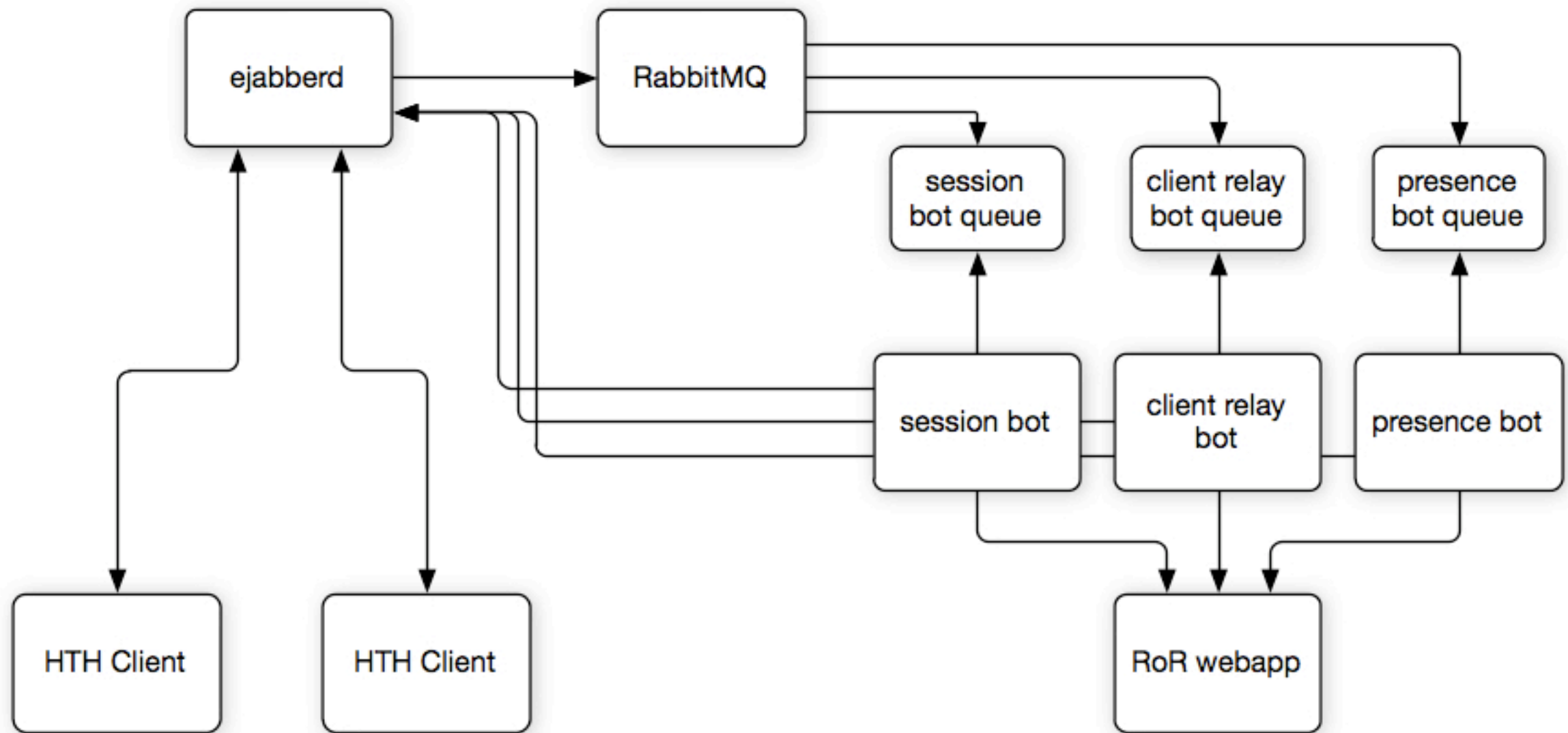
photo by Ben/Tsunami on flickr

HTH — Happy To Help

- “Semantic Query Routing”
- Find somebody knowledgeable
- Have a conversation with them



HTH Architecture



(Google) Wave

- Product
- Platform (Embed API, Extension API)
- Protocol
- Open and federated
- Extension to XMPP





Thanks for listening

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