

RabbitMQ

An open source message broker that just works

Alexis Richardson

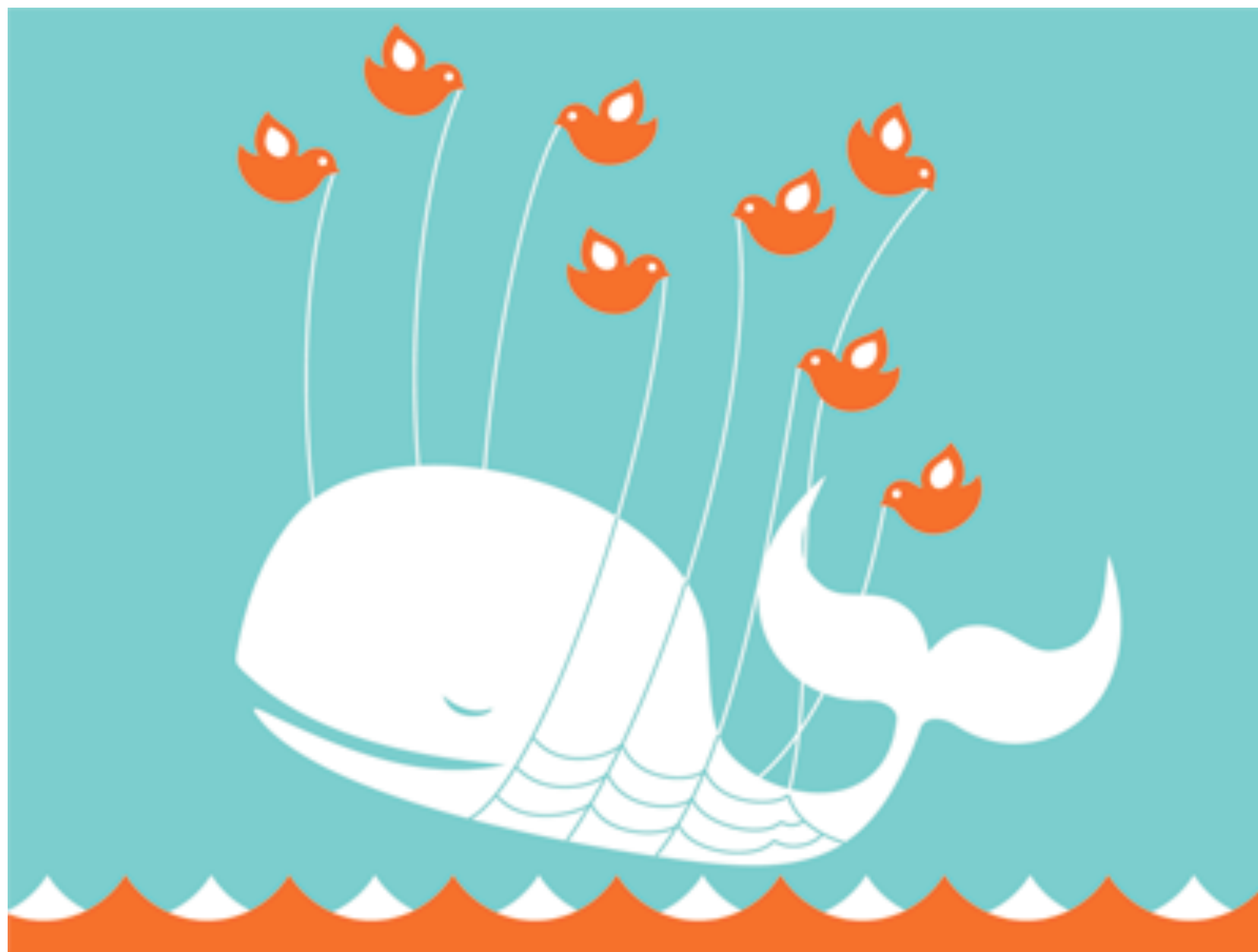
QCon 2009

RabbitMQ is a messaging server that just works!



Im in yr serverz,
queueing yr messagez

You might need messaging if ... you need to scale

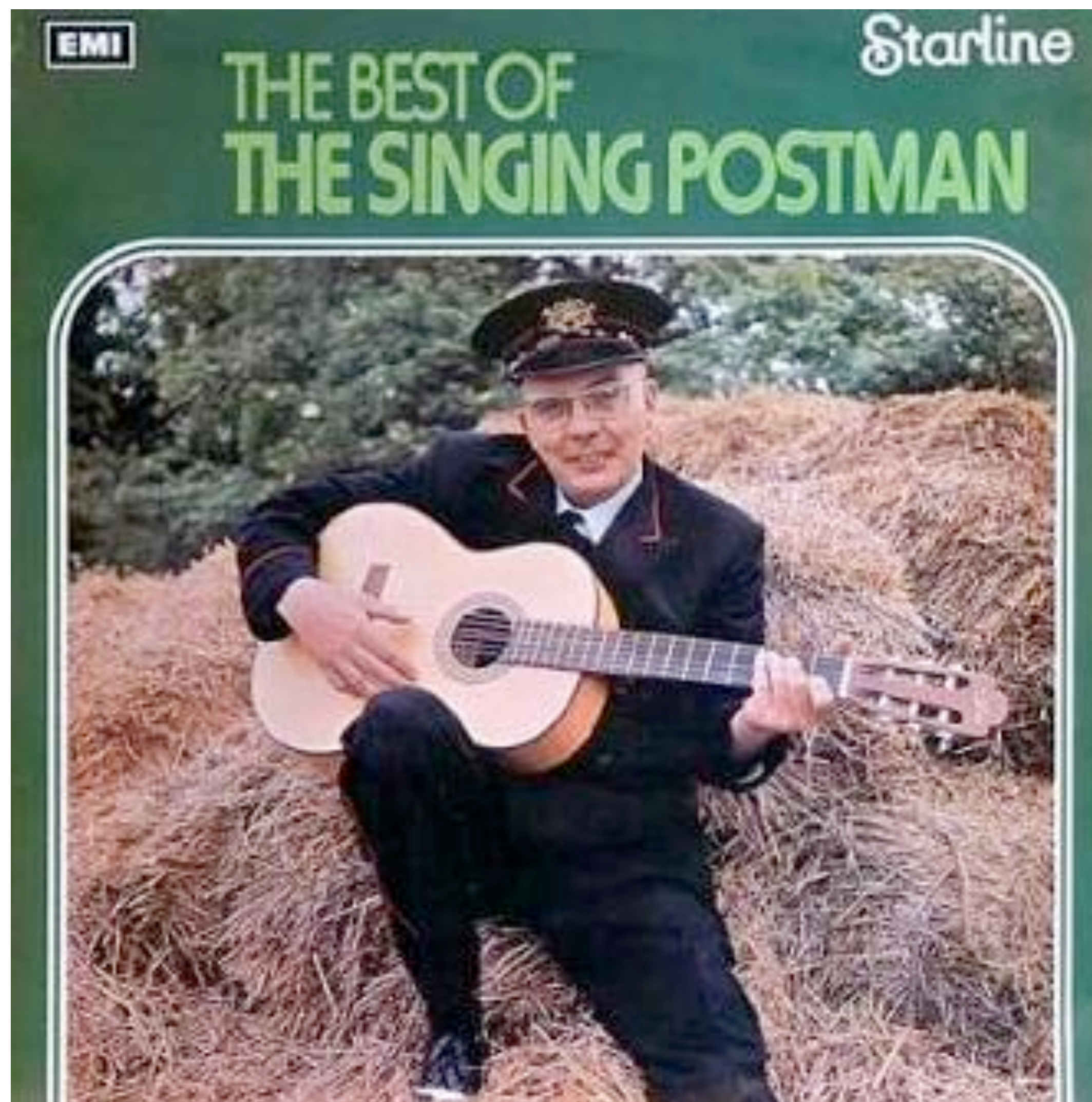


You might need messaging if ... you need to monitor data feeds

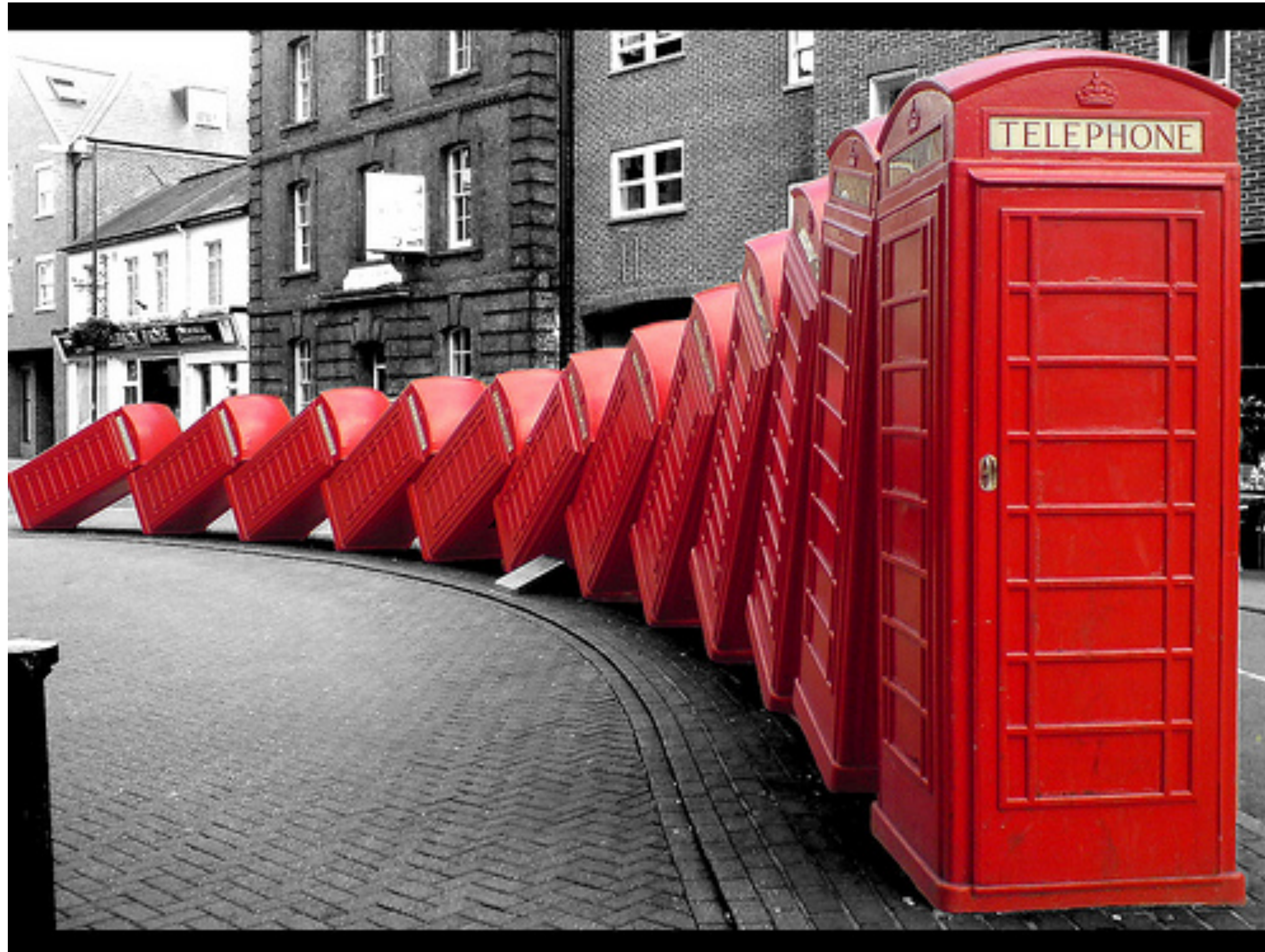


(CC) Kishore Nagarigari

You might need messaging if ... you need a message delivered responsibly



You might need messaging if ... you need things done in order

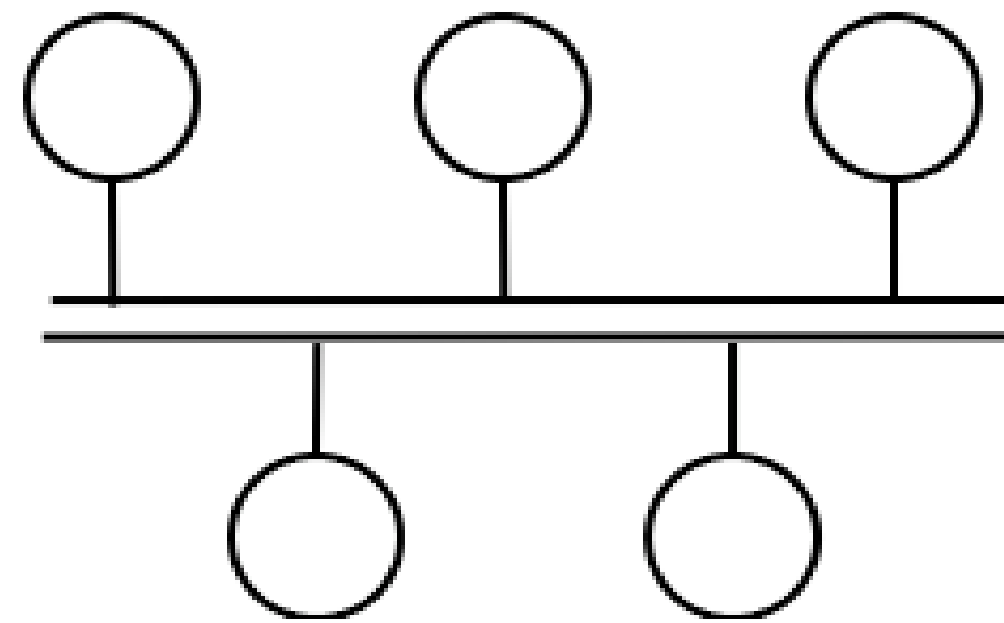


(CC) David Mach

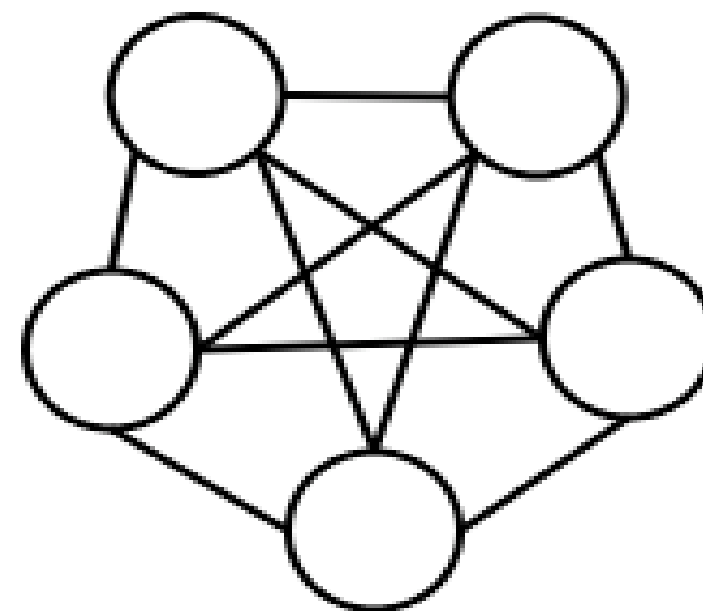
You might need messaging if ... you are using the cloud



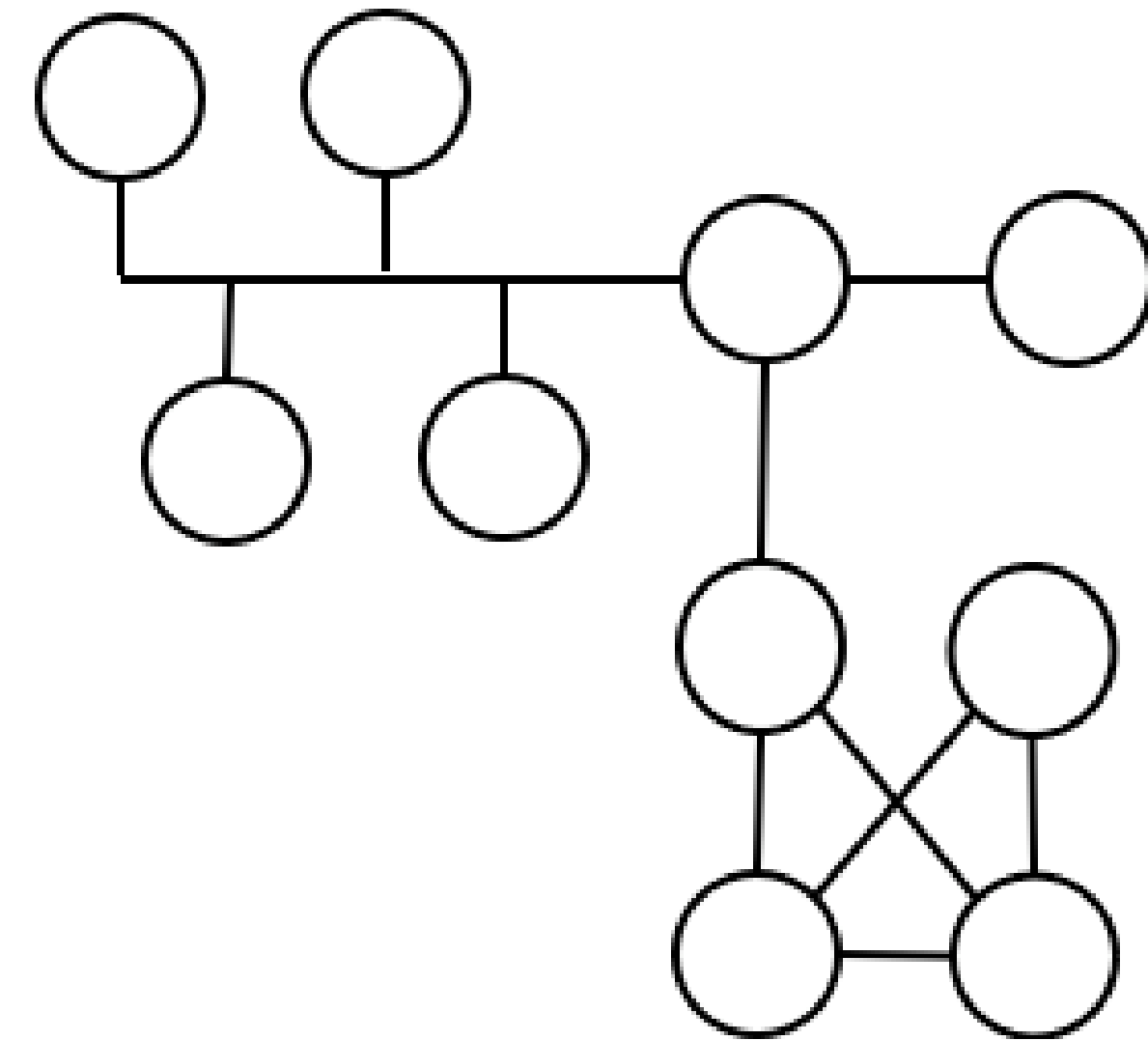
Messaging is everywhere



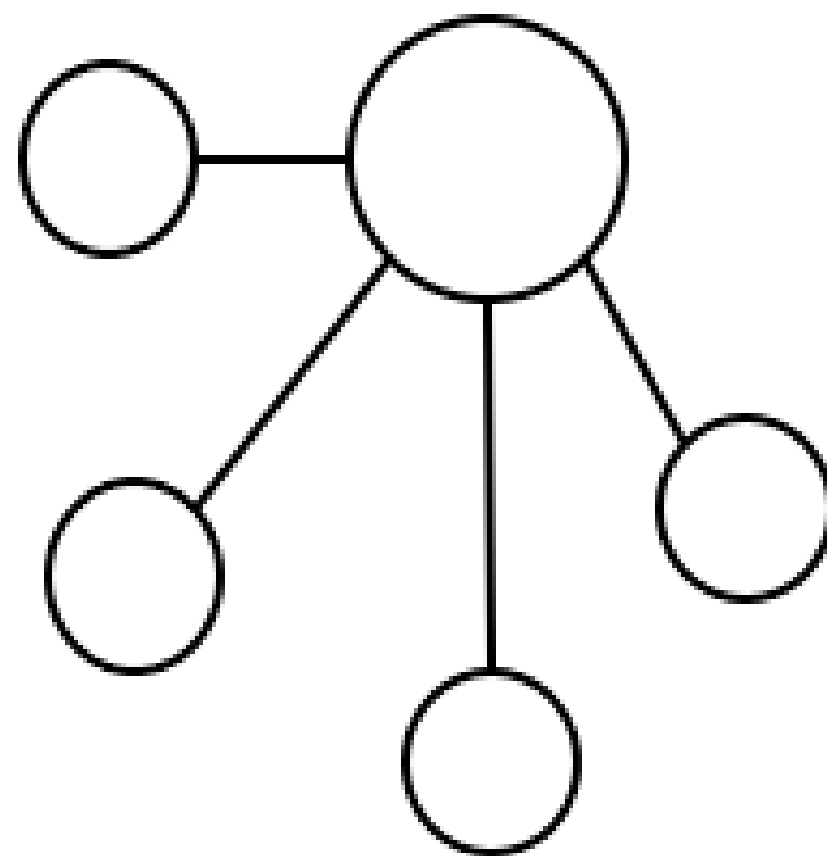
Service Bus



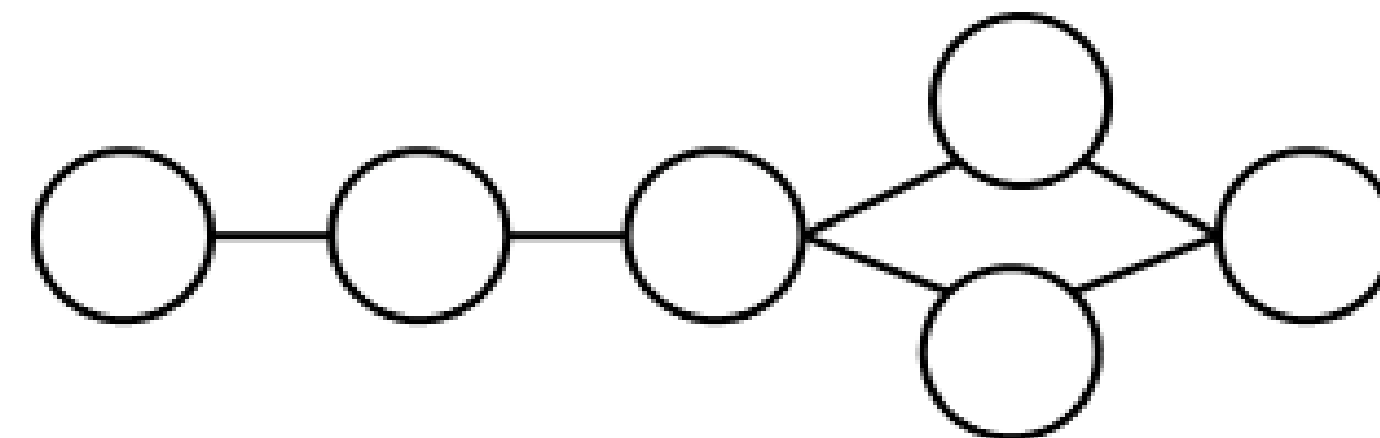
Peer Network



Federation and Cloud

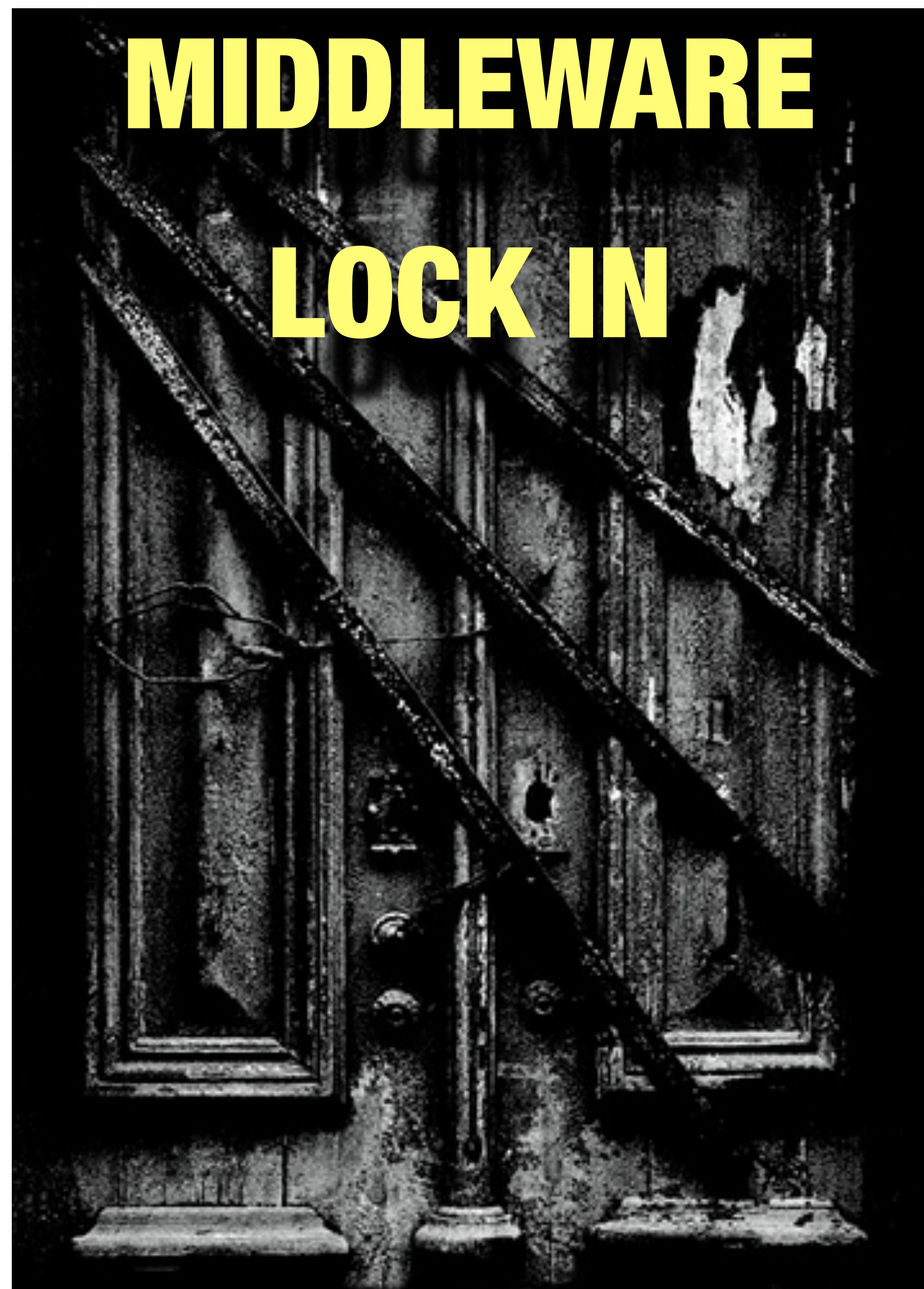


Client - Server (hub)



Pipeline

Don't be evil



Meet the good guys



OPEN AND FREE = WIN

Then:

 Imagine if we had no TCP and had to use 'IBM NetSphere'

 Imagine if we had no HTTP and had to use 'Microsoft Home Network'

 Imagine if we had no SMTP email and had to pay per message like SWIFT

Now:

 Imagine if we had no XMPP chat and had to use .. oh, wait a minute :-)

 AMQP - business messaging - like email but you can send money over it

Application layer protocols made simple

async	SMTP	?
sync	HTTP	IIOP
	unreliable	reliable

STOP - LOOK - LISTEN - THINK



(CC) Javic @flickr.com

RabbitMQ - NOM NOM NOM



Open Source Enterprise Messaging

[News](#) [Download](#) [Documentation](#) [Examples](#) [Services](#) [FAQ](#)

RabbitMQ is an implementation of [AMQP](#), the emerging standard for high performance enterprise messaging.

Features

- › A complete, [conformant](#) and [interoperable](#) implementation of the published AMQP specification

- › Extensive facilities for management, monitoring, control and debugging

Licensed under the [open source Mozilla Public License](#)

Distribution

- › RabbitMQ server, written on top of the widely-used [Open Telecom Platform](#)

packages and bundles for easy installation

- › Several user-contributed packages that extend the core RabbitMQ functionality

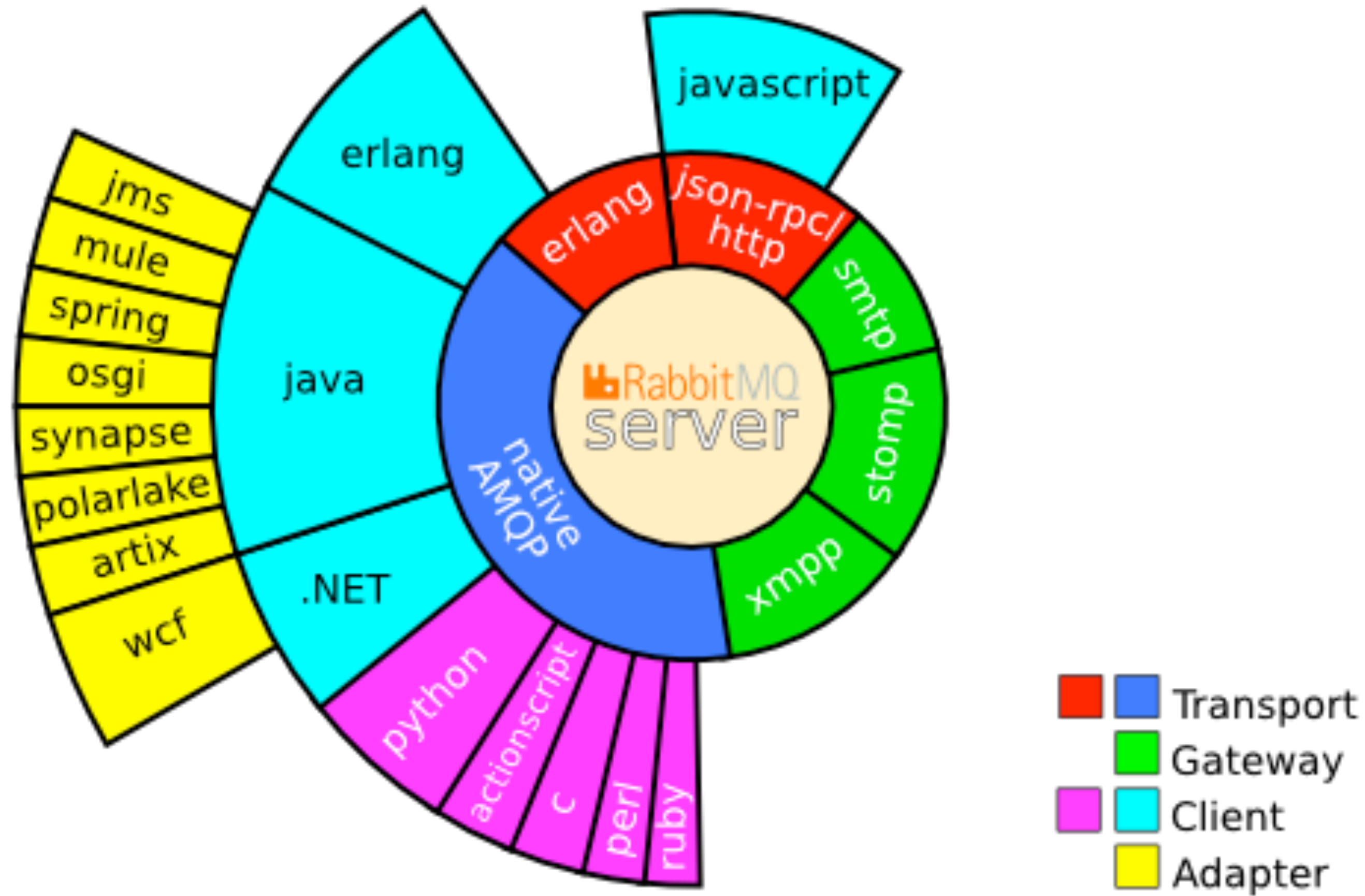
Further details are available [here](#).

RabbitMQ is a complete and highly reliable Enterprise Messaging system. The RabbitMQ client libraries and broker daemon can be used together to create an AMQP network, or used individually to bring the benefits of RabbitMQ to established networks.

“RabbitMQ is a pleasure to use and it just works. Everyday, every time, every message” - Michael Arnoldus, project lead, algo trading firm

“In my experience, you can have a clustered rabbitmq setup running at home in under 20 minutes. It's all in the admin guide.”
Steve Jenson, co-founder of Blogger

RabbitMQ is for everyone



RabbitMQ is fast

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TRADING

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HOME

INTEL LOW LATENCY TRADING LAB SET TO IMPROVE FINANCIAL TRADING PERFORMANCE

PROVING GROUND FOR FASTER TRADING HARDWARE AND SOFTWARE YIELDS FIRST RESULTS, OFFERS PROSPECT OF FURTHER GAINS

London, United Kingdom, Nov 14, 2007 – The quest for greater speed and lower latency trading in the financial services sector is set for a major boost due to a new initiative from Intel® Solution Services, the Intel Low Latency Trading lab. Using non-proprietary, standards-based technologies is already known to reduce maintenance and integration costs. However, solutions architects at Intel’s Low Latency Lab in London, have shown that optimising financial messaging for Intel server technologies such as Intel® I/O Acceleration Technology 2 (Intel I/OAT2) is also capable of delivering greater trading performance on major financial messaging technologies including Options Price Reporting Authority (OPRA) feed, Financial Information eXchange (FIX) Protocol Limited’s FAST data compression and the Advanced Message Queuing Protocol (AMQP) protocol over TCP/IP for message transport.

NEWS

- Intel Low Latency Trading Lab Set To Improve Financial Trading Performance
- TABB Group Announces \$300 Million Investment in Low-Latency Infrastructure
- Reuters System Upgrade to High-Speed
- Preparing to Introduce New Technology
- Pushing the Boundaries of Street Trading
- News Analysis

PODCAST

open source enterprise messaging

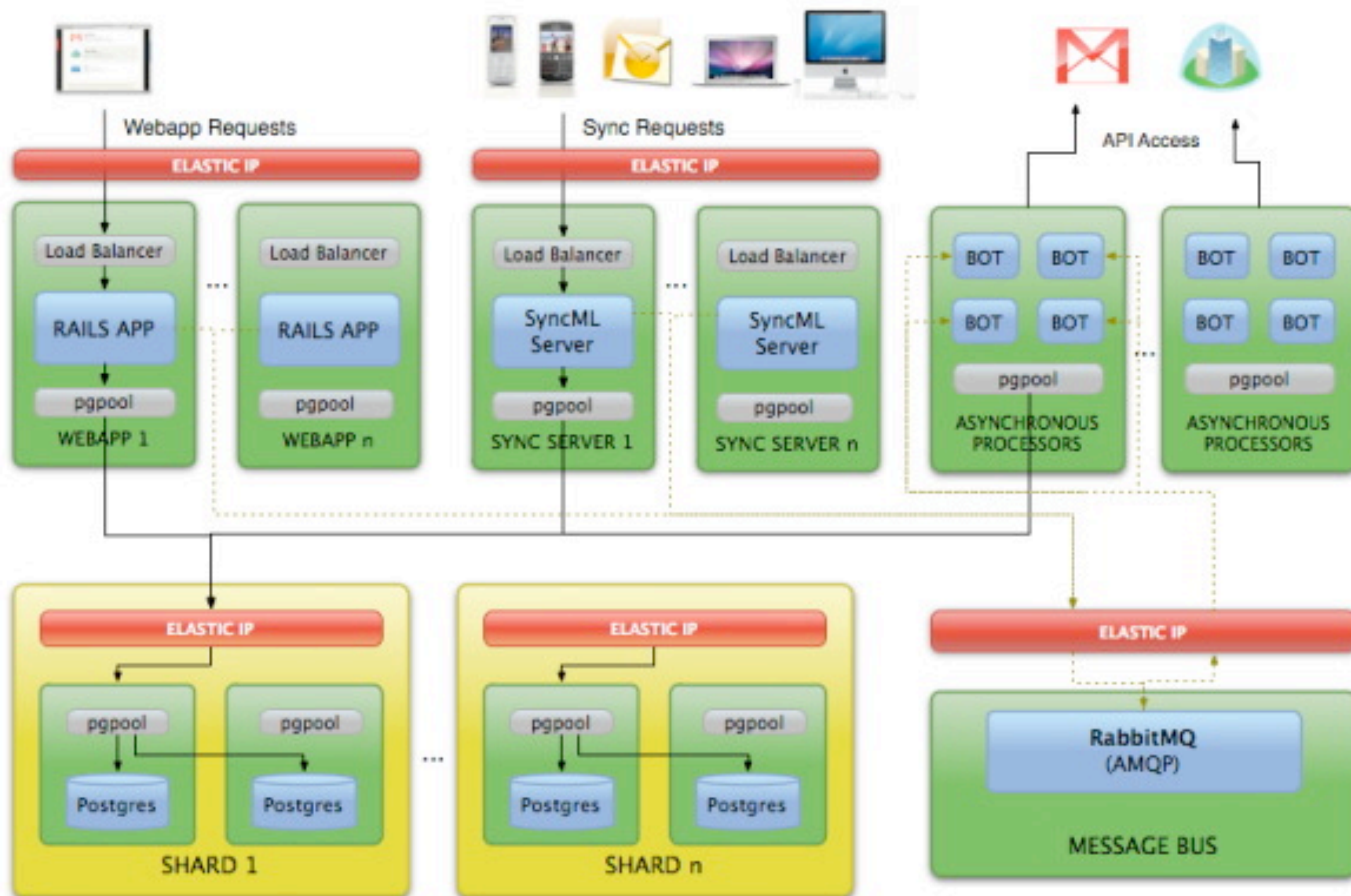
twitter

Just slammed RabbitMQ with a ton of messages and it handled it like a champ. I think I've got the right tools for this job today.

about 19 hours ago from web ★ ↶

binary42
Brian Mitchell

USE CASE - Welcoming Stefan Fountain, founder, Soocial.com





Announcement: RabbitMQ is distributed in Ubuntu

RabbitMQ is free and open source - try it now!

Read

- Go to: <http://www.rabbitmq.com/how>
- Lots more use cases on our mailing list: <http://lists.rabbitmq.com/cgi-bin/mailman/listinfo/rabbitmq-discuss>

Meet

- Downstairs today at 1645 - talk on the Skills Matter booth: “Building Comet applications with RabbitMQ”
 - See also: <http://www.lshift.net/blog/2009/02/18/evserver-part2-rabbit-and-comet>
- RabbitMQ talks in London and San Francisco and at the Erlang Exchange
- Several developers from the RabbitMQ community are talking at QCon and CloudCamp tomorrow night - look out for Neil Bartlett and Kirk Wylie; and come to the LShift booth on the third floor

Email

- At info@rabbitmq.com or email me at alexis.richardson@gmail.com

Join the project!

