# RabbitMQ
## An open source message broker that just works

**Alexis Richardson**
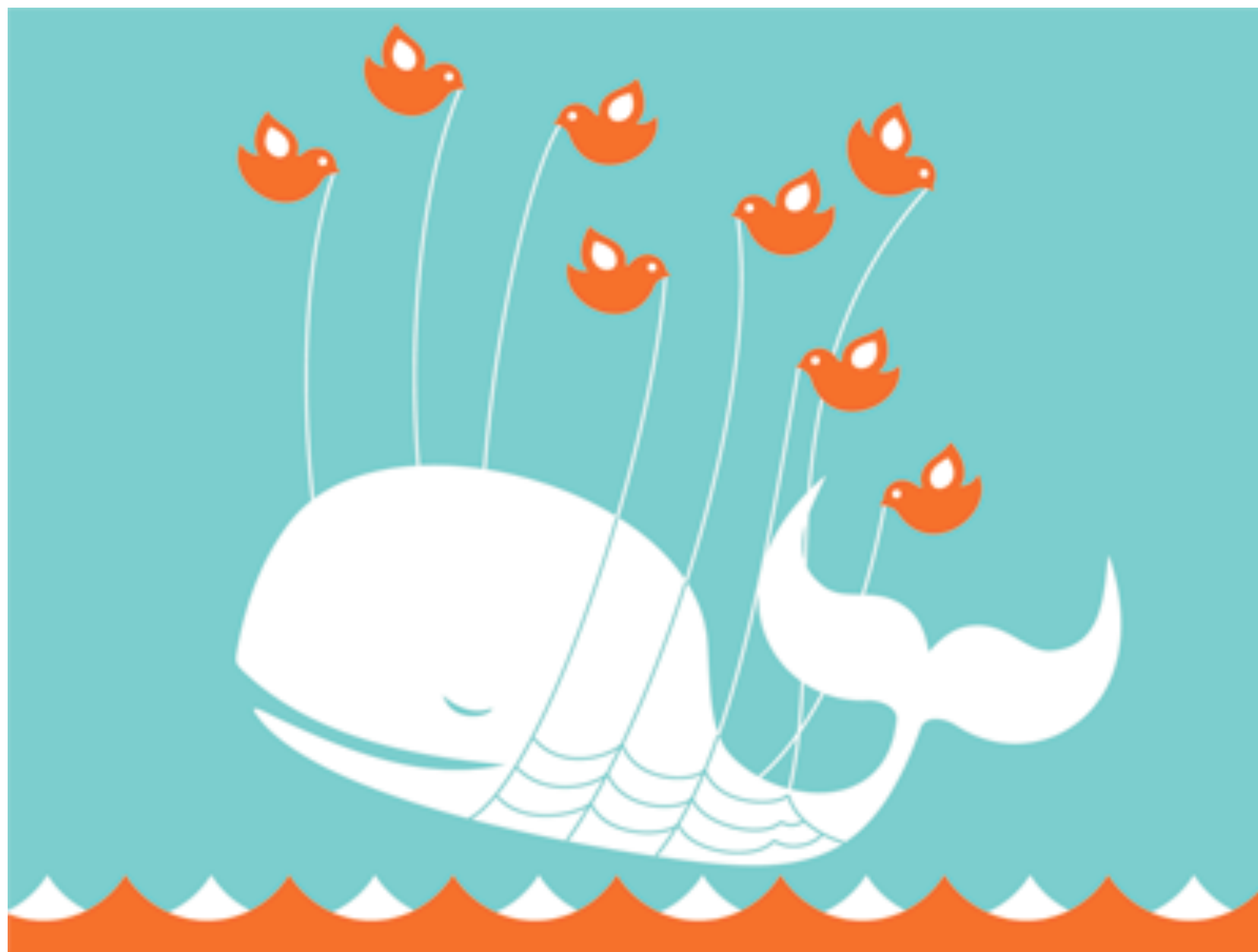
**QCon 2009**

# RabbitMQ is a messaging server that just works!



Im in yr serverz, queueing yr messagez

RabbitMQ
Open Source Enterprise Messaging

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

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



(CC) Kishore Nagarigari

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

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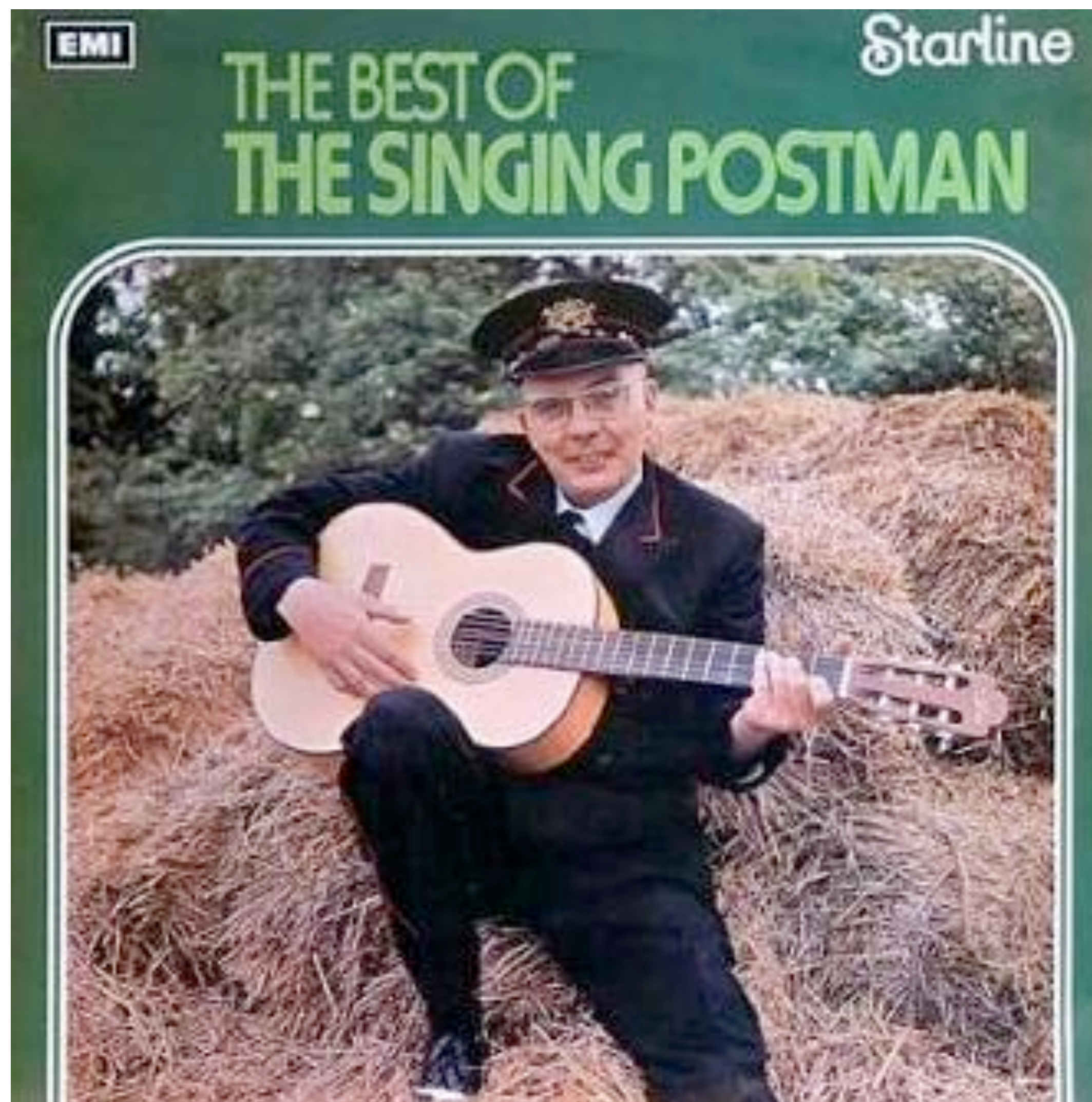
# You might need messaging if ... you need things done in order



(CC) David Mach

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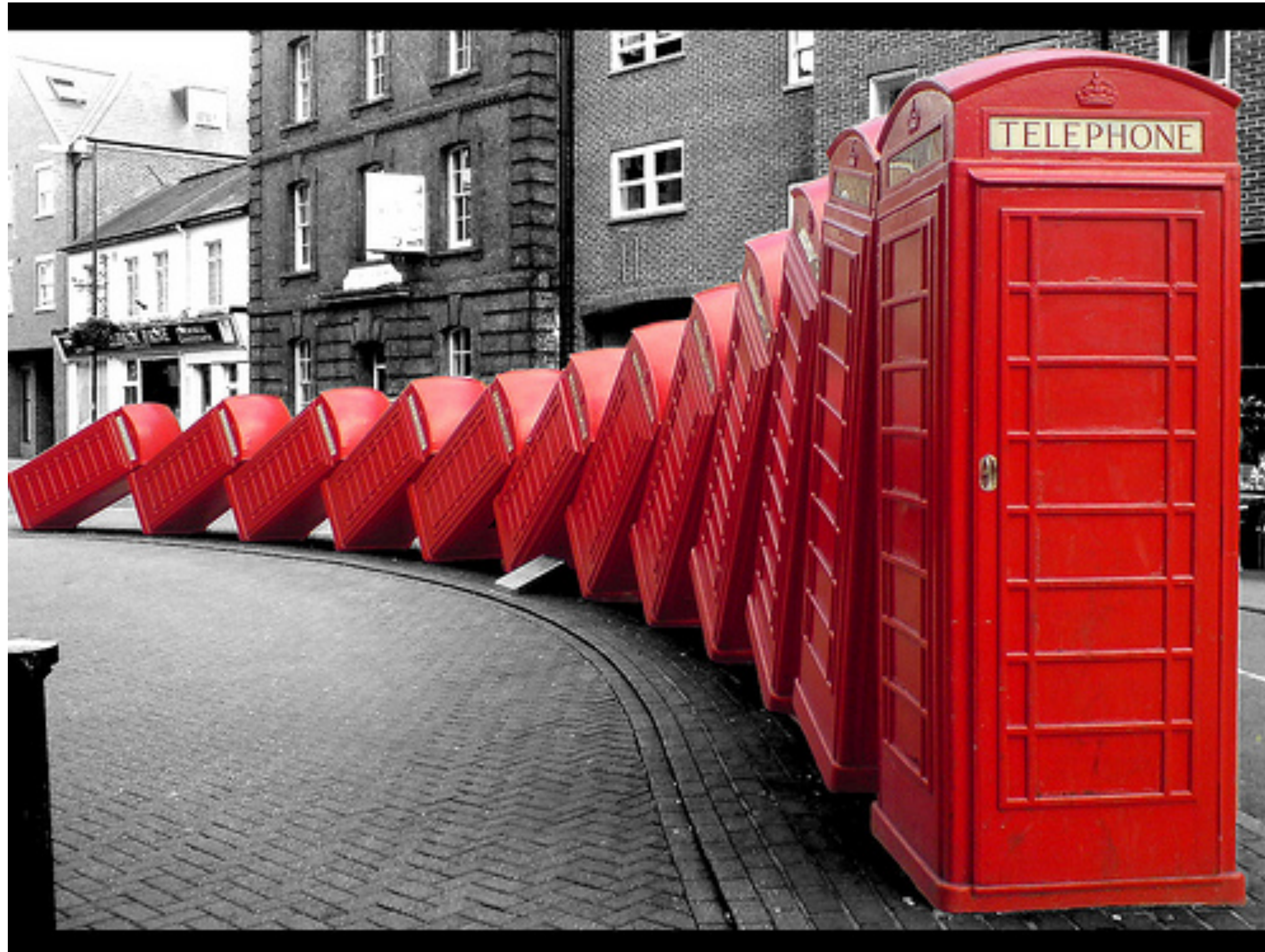
# You might need messaging if ... you are using the cloud
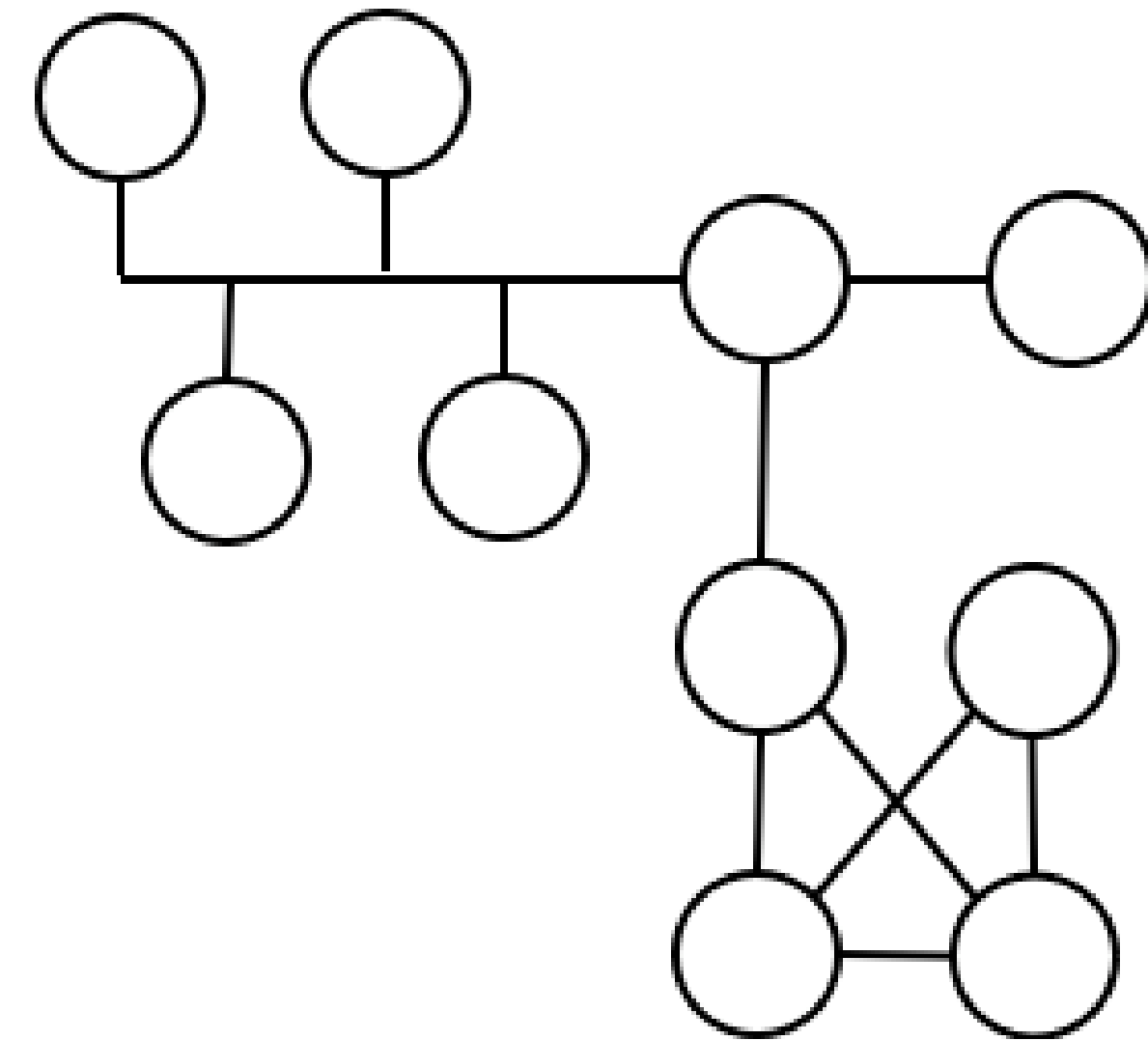
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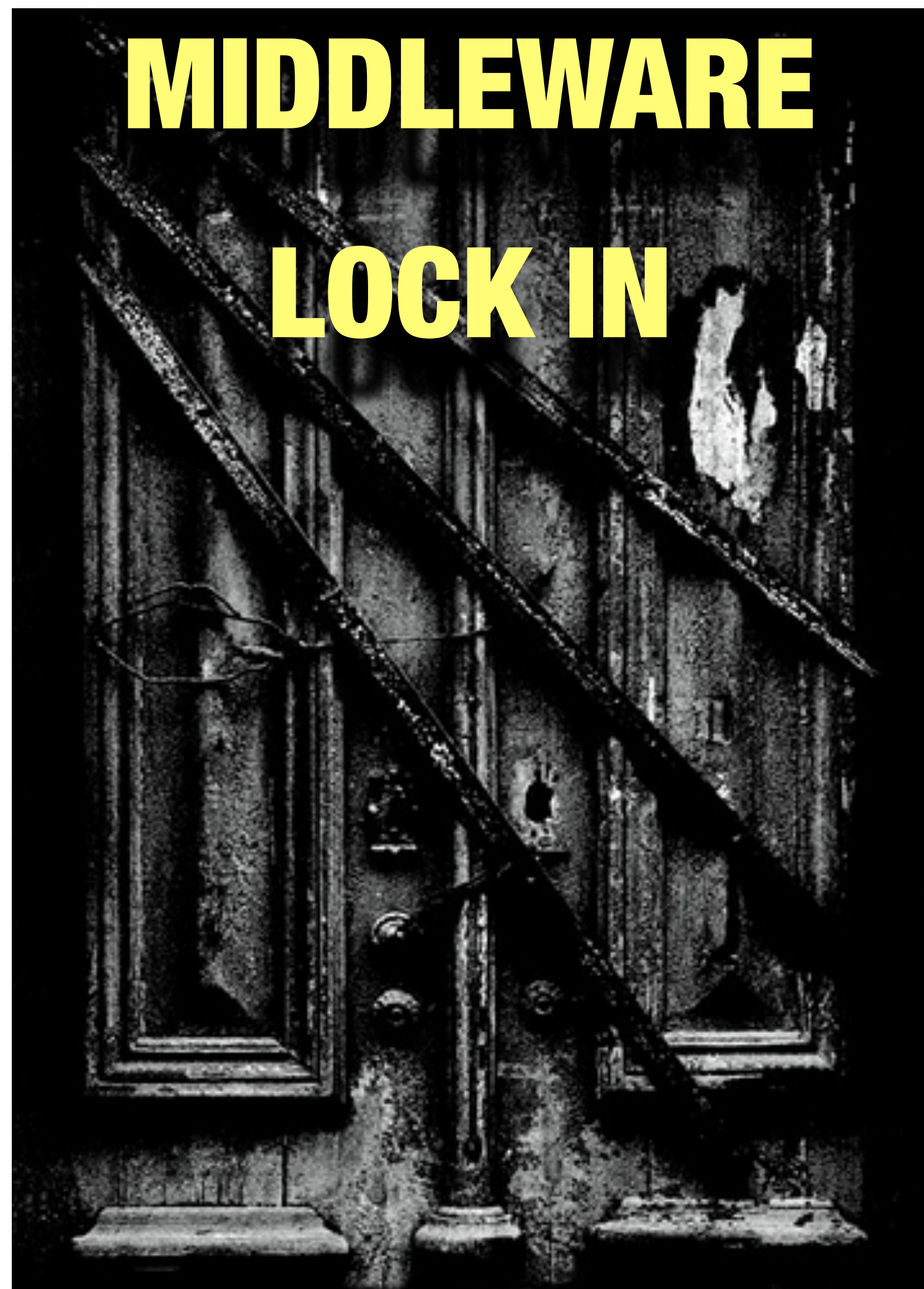# Messaging is everywhere
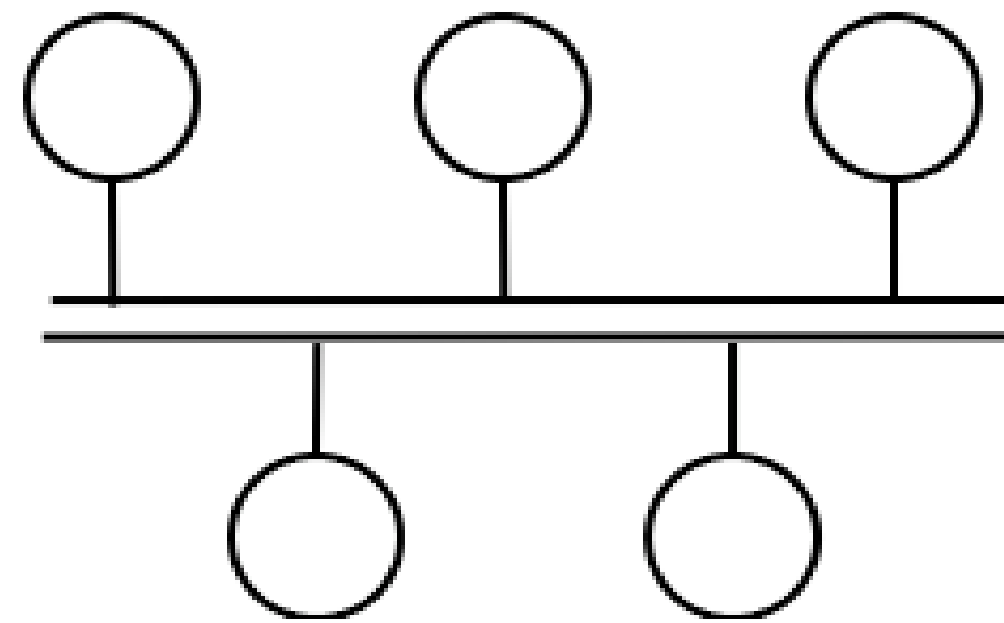
Service Bus
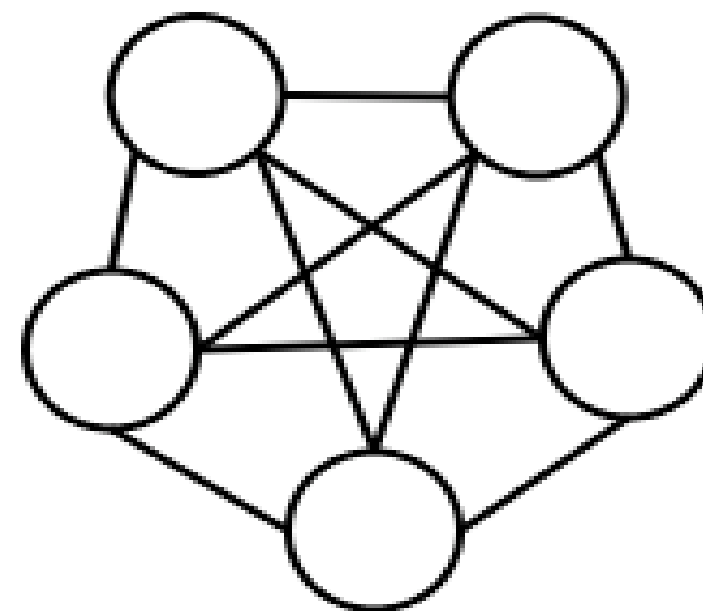
Peer Network

Federation and Cloud
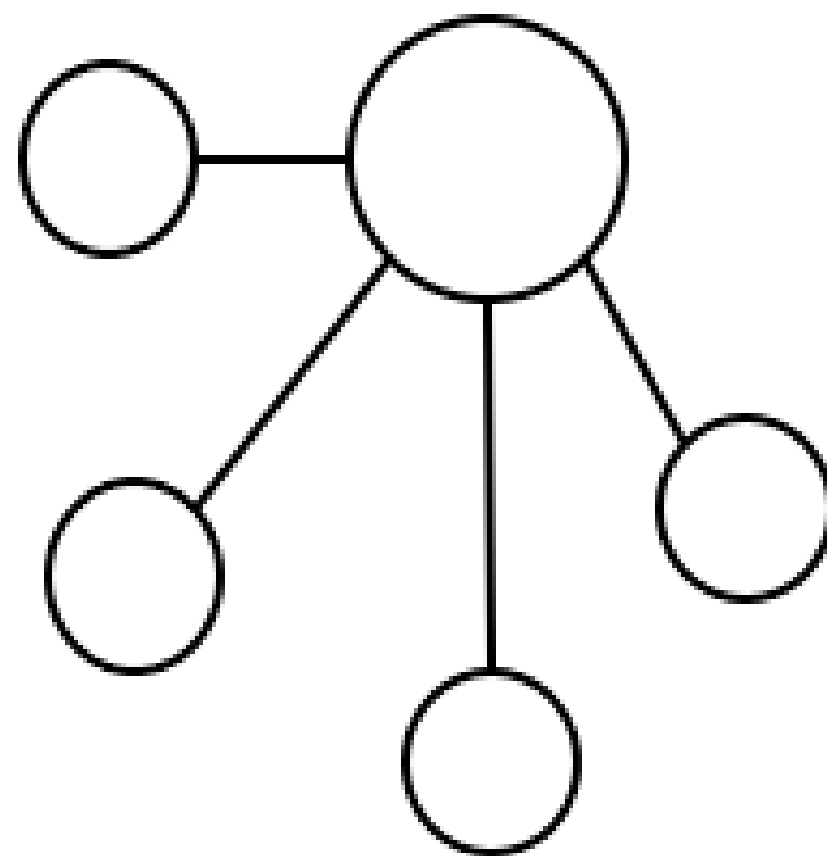
Client - Server (hub)

Pipeline

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# Don't be evil



MIDDLEWARE

LOCK IN

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# Meet the good guys

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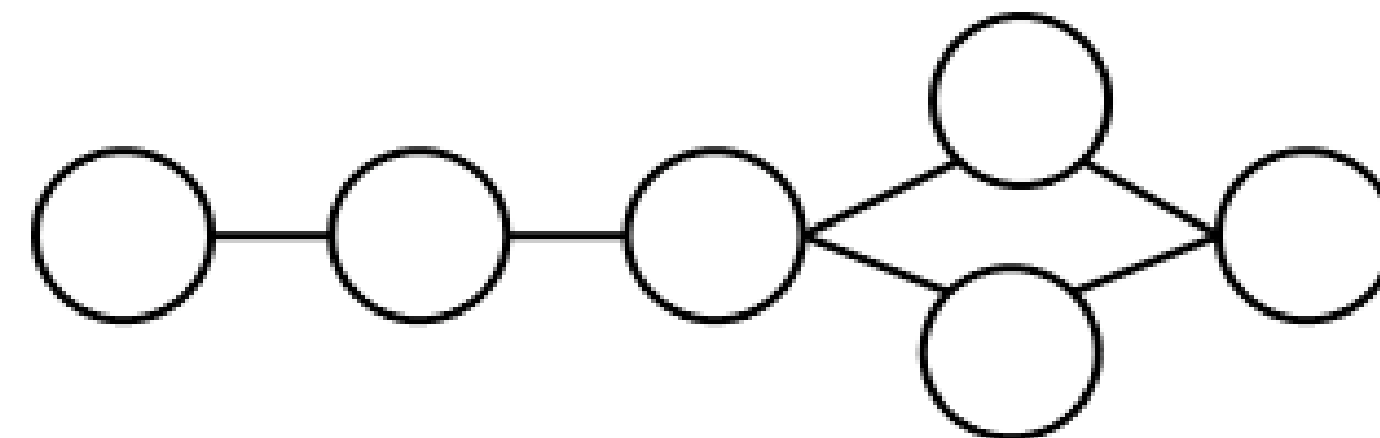
# OPEN AND FREE = WIN

- <u>Then:</u>

- 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


- <u>Now:</u>

- 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

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# Application layer protocols made simple

|  | unreliable | reliable |
|---|---|---|
| async | SMTP | ? |
| sync | HTTP | IIOP |

# STOP - LOOK - LISTEN - THINK



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# RabbitMQ - NOM NOM NOM



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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

**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

"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
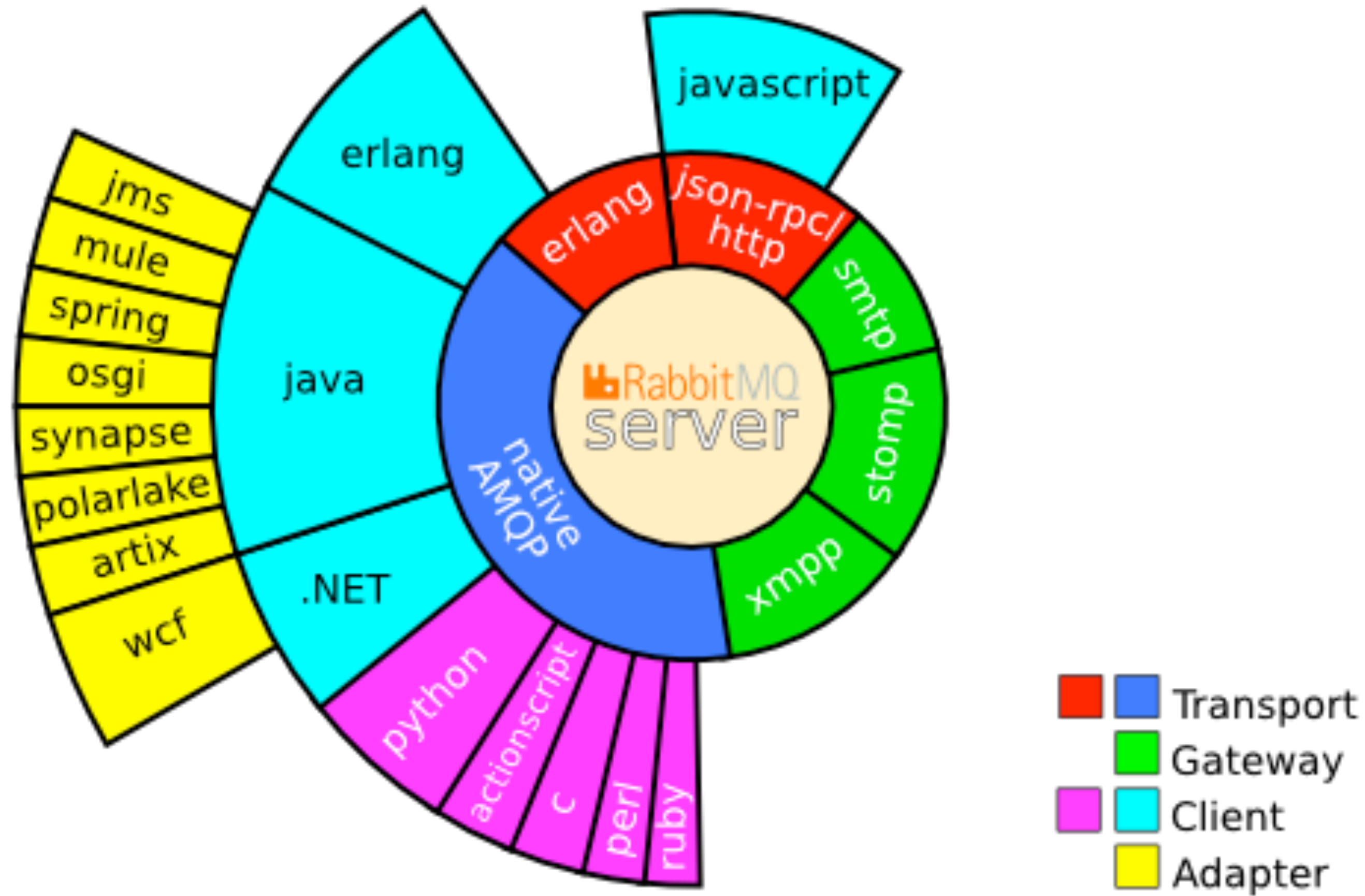
Further details are available here.

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.

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# RabbitMQ is for everyone

# RabbitMQ is fast
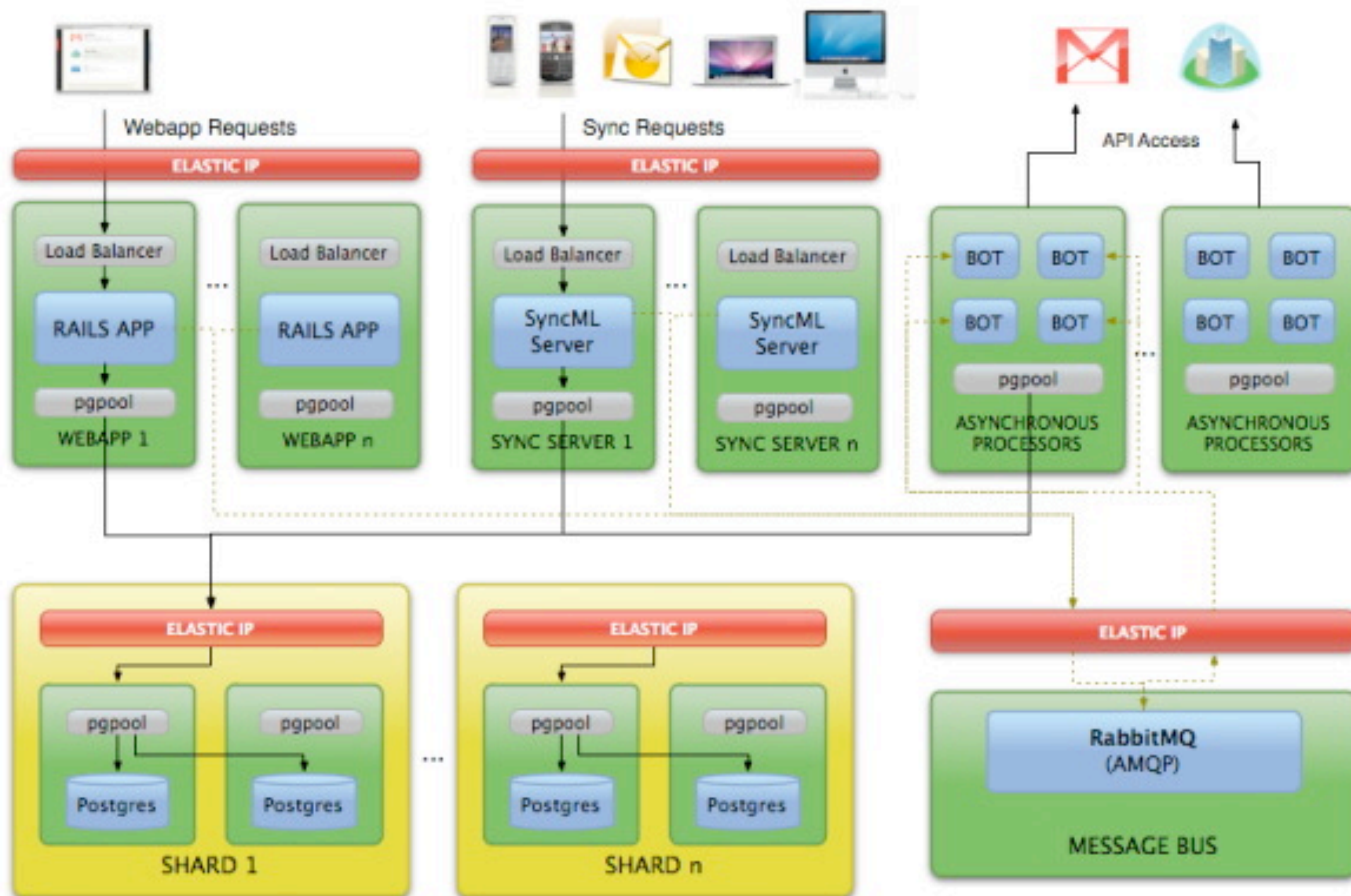




Just slammed RabbitMQ with a ton of messages and it handled it like a champ. I think I've got the right tools for this job today.

*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!

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