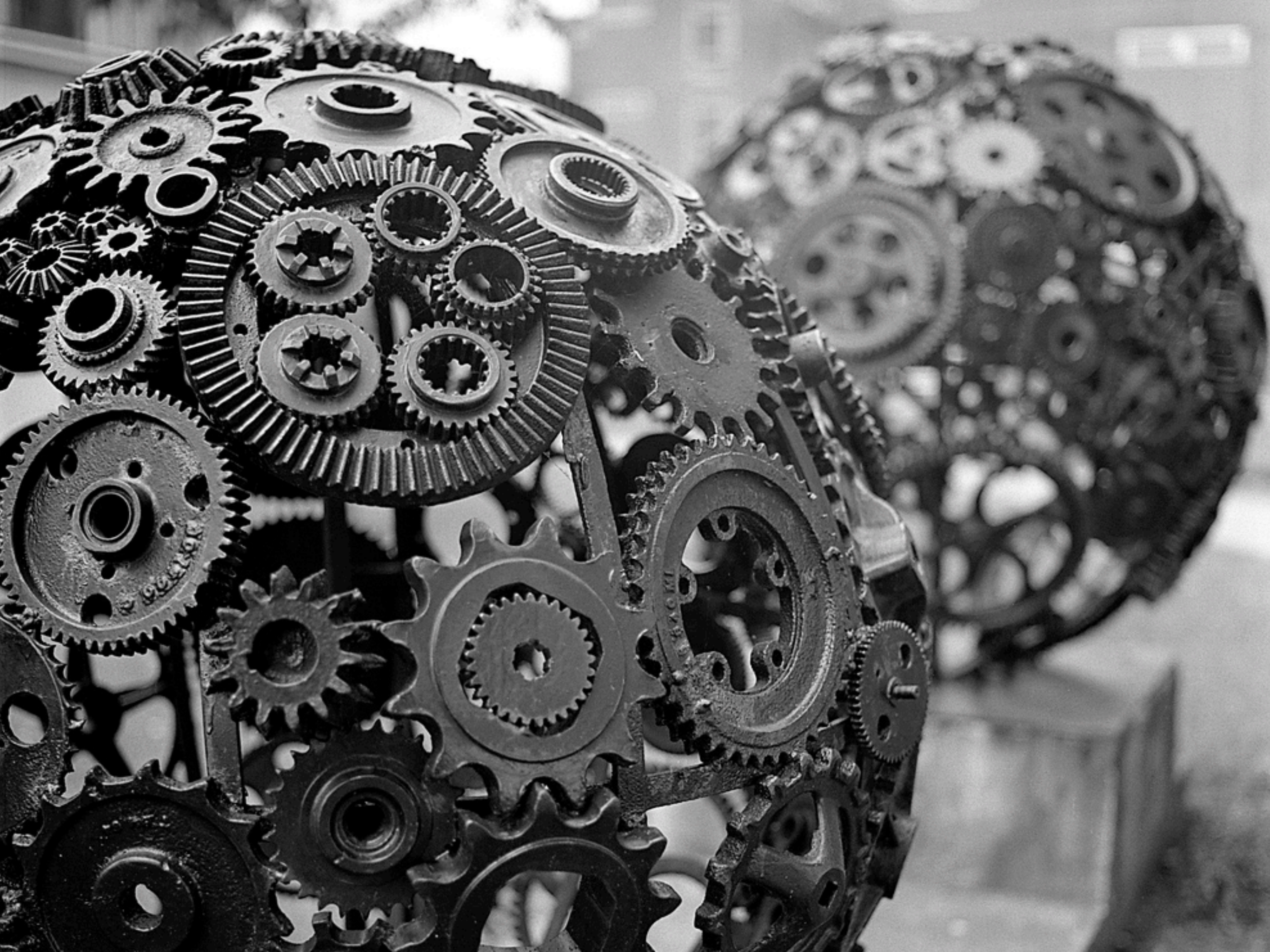


mashups made  
of messages  
matt biddulph

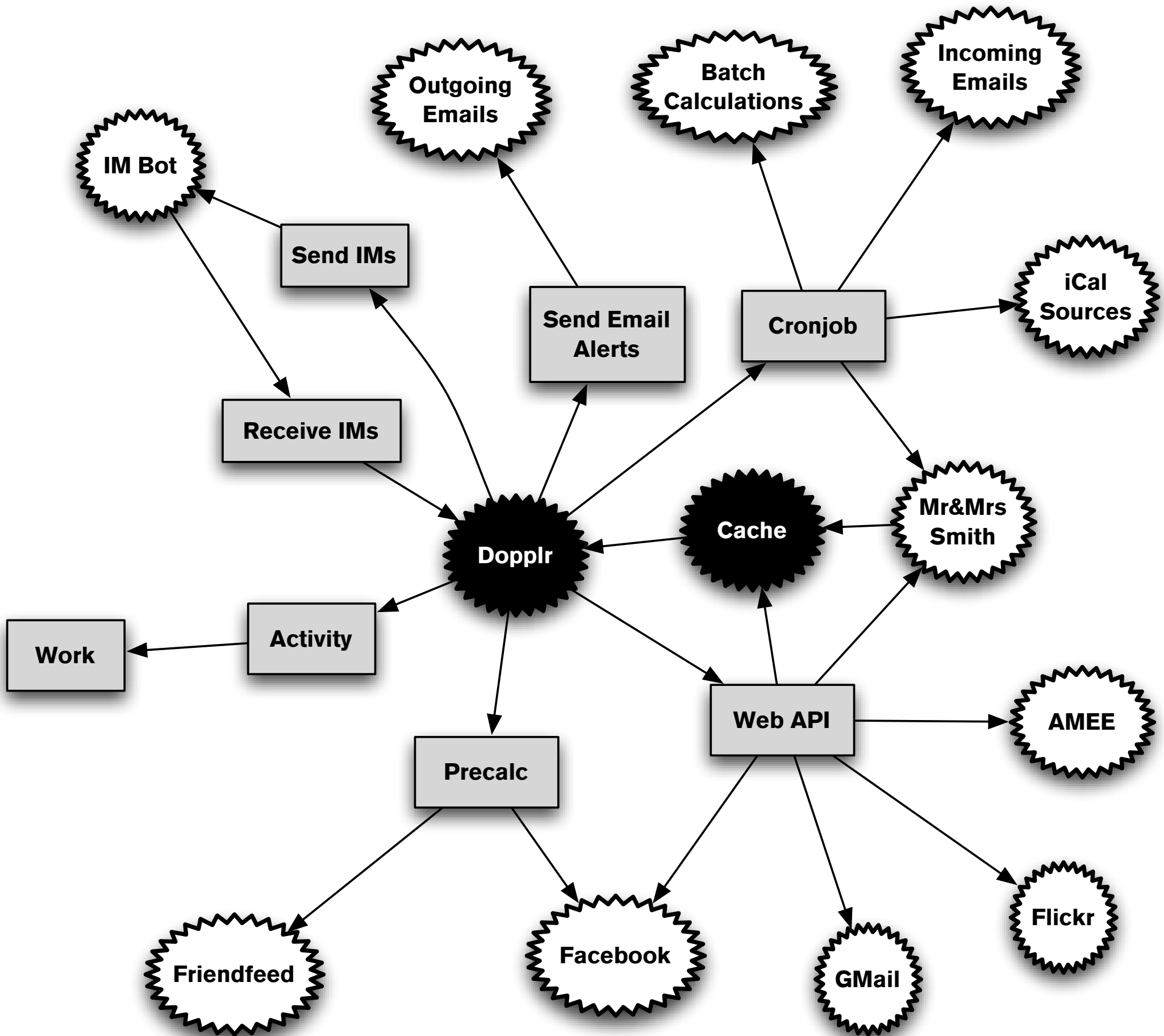



&







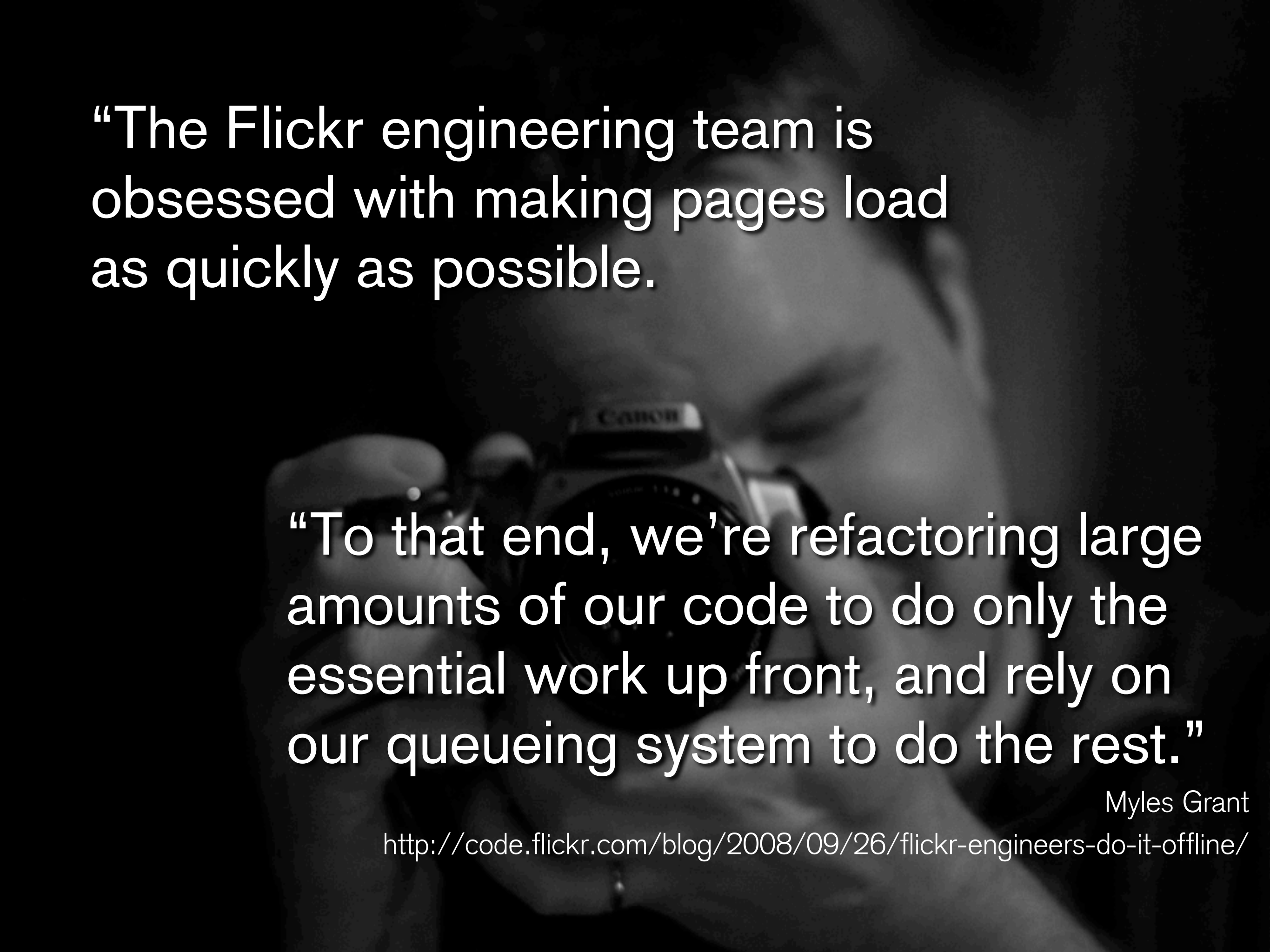




“The Flickr engineering team is obsessed with making pages load as quickly as possible.

Myles Grant

<http://code.flickr.com/blog/2008/09/26/flickr-engineers-do-it-offline/>

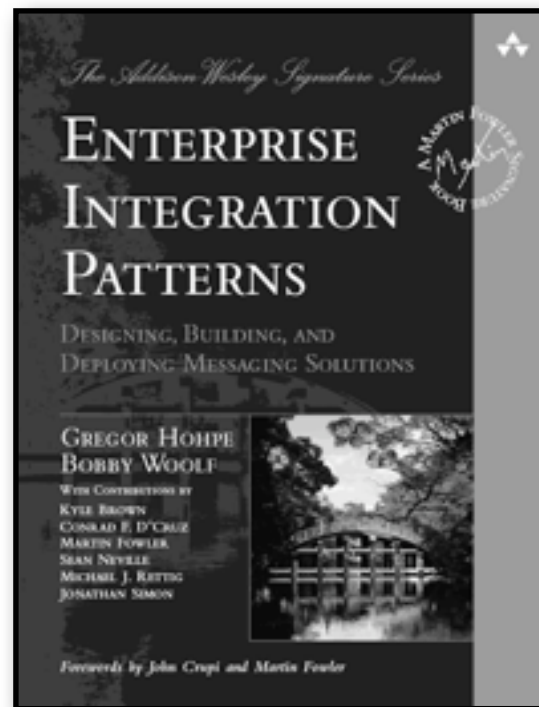
A grayscale photograph of a person's hands holding a Canon camera. The person's face is partially visible in the background, looking towards the camera. The text is overlaid on the image in a white, sans-serif font.

“The Flickr engineering team is obsessed with making pages load as quickly as possible.

“To that end, we’re refactoring large amounts of our code to do only the essential work up front, and rely on our queueing system to do the rest.”

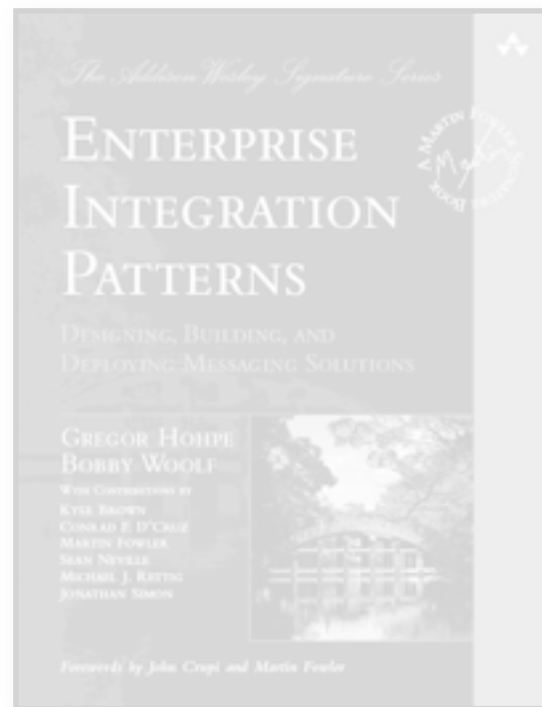
Myles Grant

<http://code.flickr.com/blog/2008/09/26/flickr-engineers-do-it-offline/>



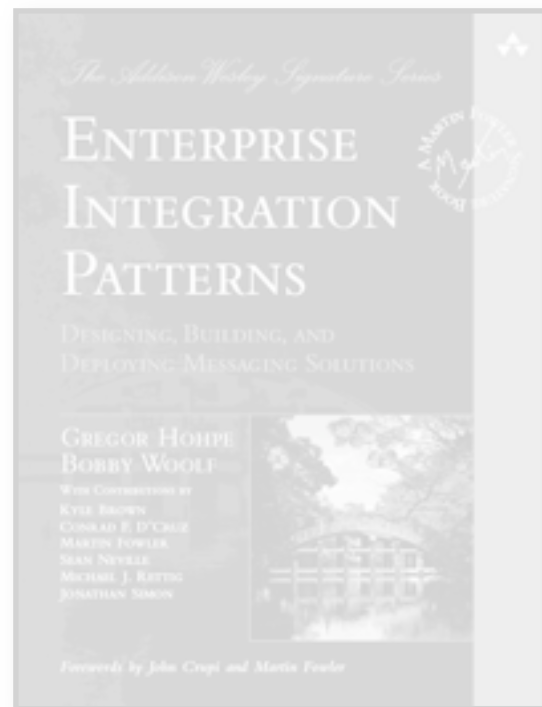
# Enterprise Integration Patterns

by Gregor Hohpe, Bobby Woolf et al



“Messaging enables high-speed, asynchronous, program-to-program communication with reliable delivery.”



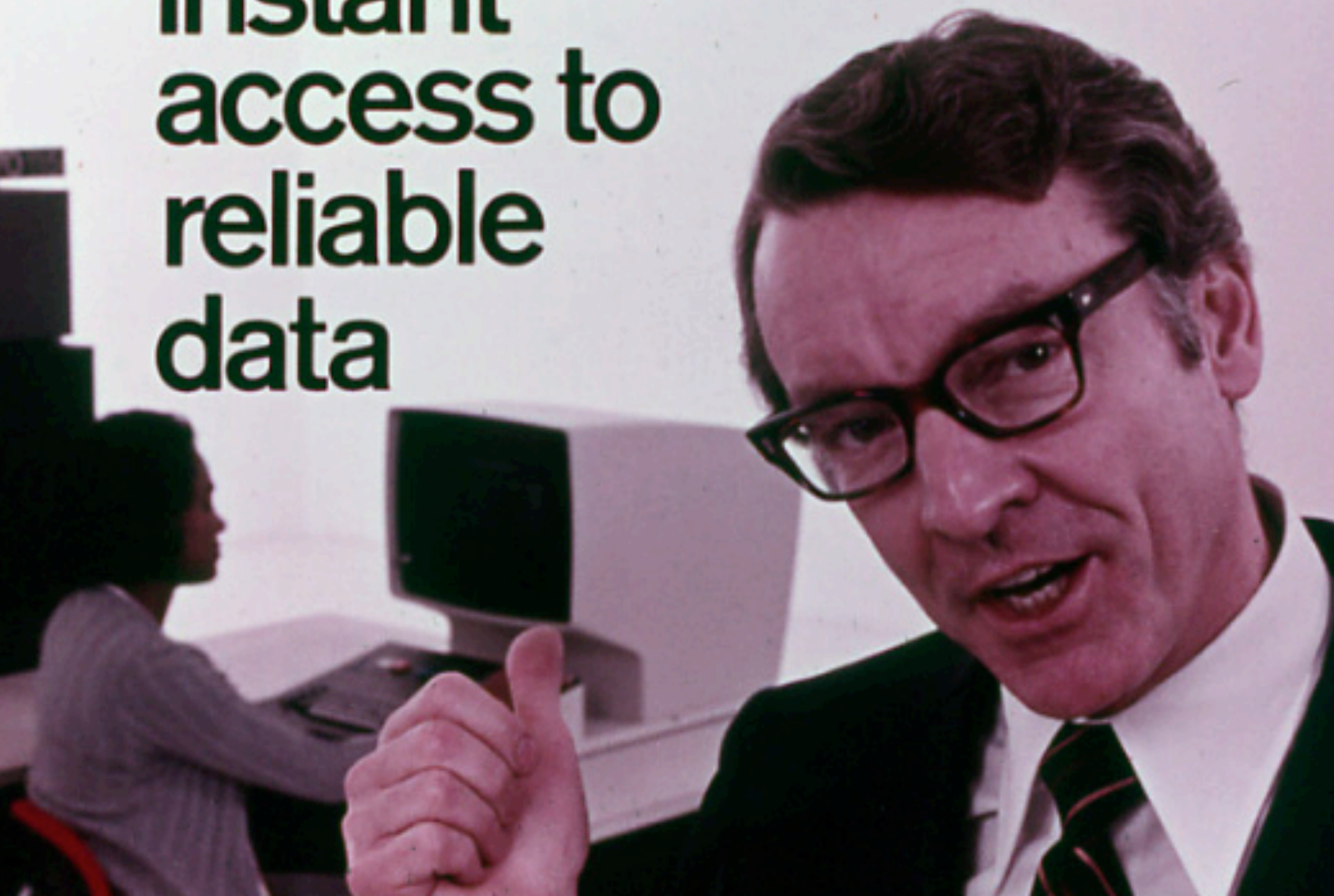


“A message is an atomic packet of data that can be transmitted on a channel.”

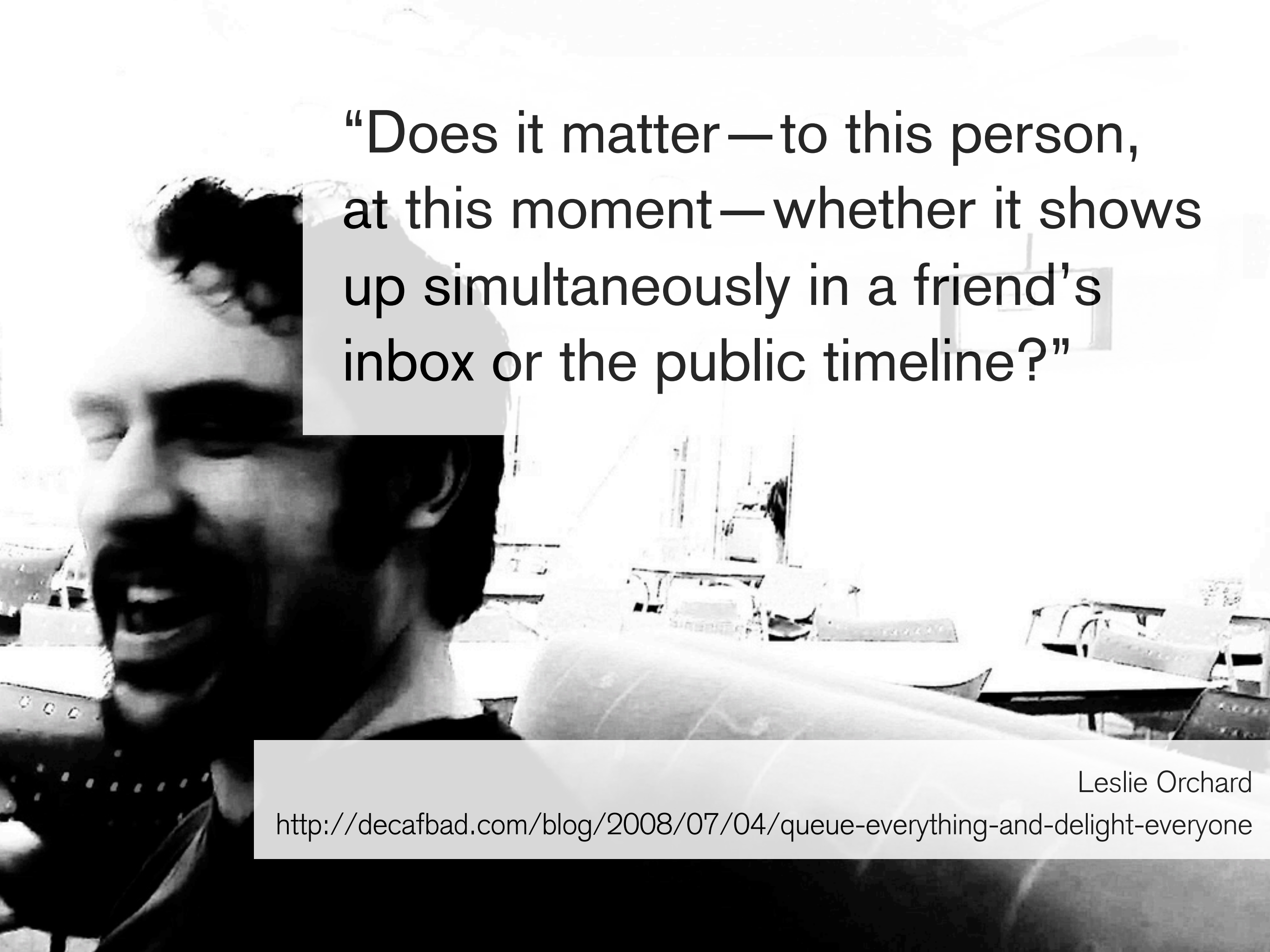
```
{"id"=>377826,  
"model"=>"Trip",  
"method"=>"calculate_coincidences!",  
"created_at"=>"2008-10-07T15:40:18"}
```



**instant  
access to  
reliable  
data**







“Does it matter—to this person, at this moment—whether it shows up simultaneously in a friend’s inbox or the public timeline?”

Leslie Orchard

<http://decafbad.com/blog/2008/07/04/queue-everything-and-delight-everyone>

```
{"id"=>377826,  
"model"=>"Trip",  
"method"=>"calculate_coincidences!",  
"created_at"=>"2008-10-07T15:40:18"}
```

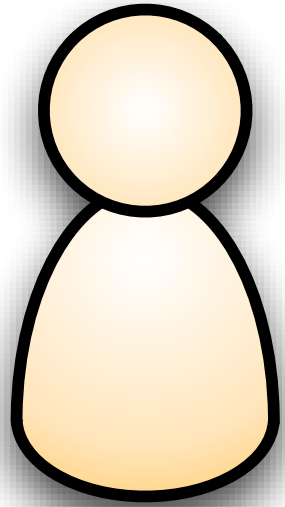




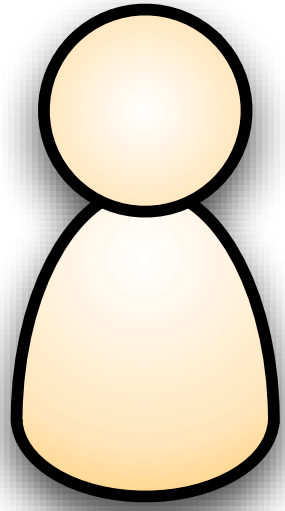
**AMEE** 

<http://amee.cc>



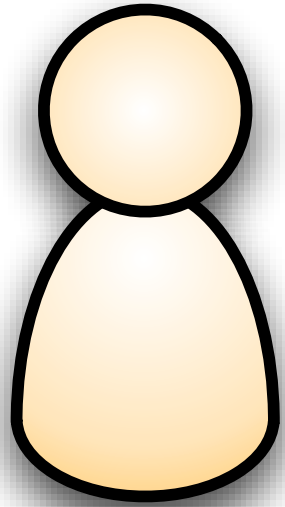


using web services

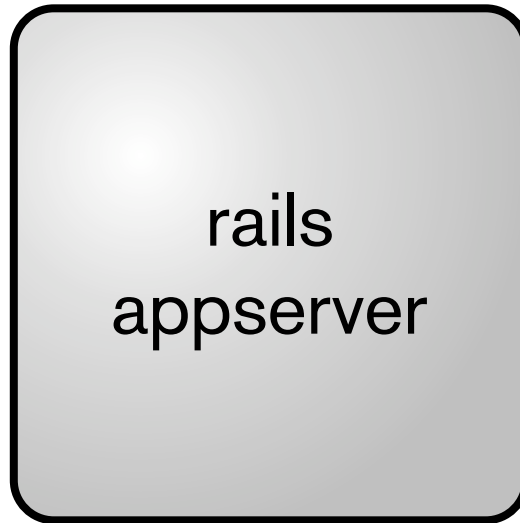


request carbon data

using web services

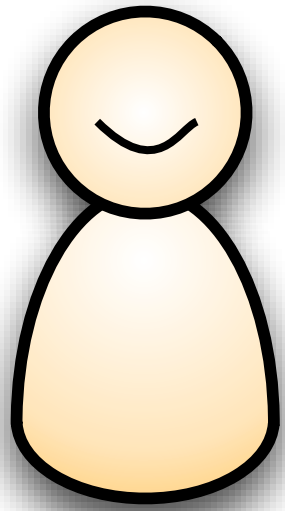


request carbon data



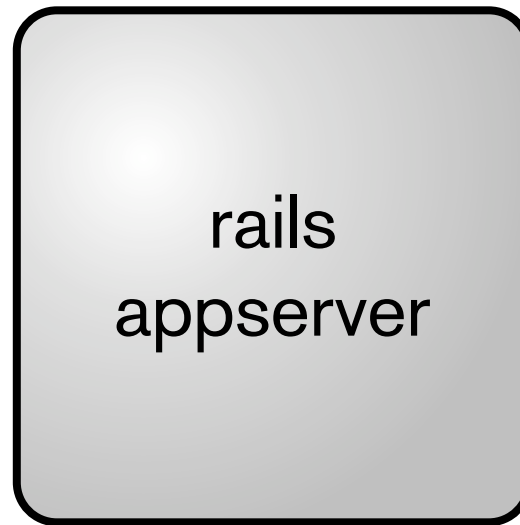
using web services





request carbon data

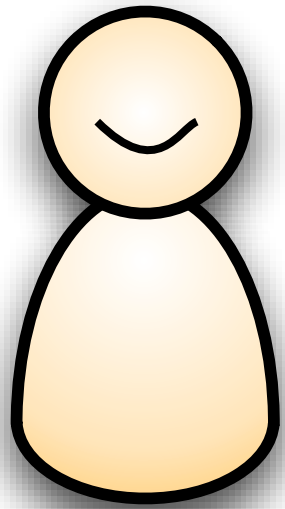
"check back soon!"



"please update AMEE"

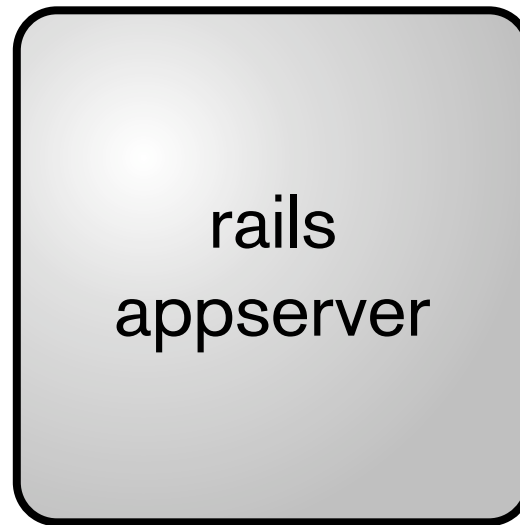


using web services



request carbon data

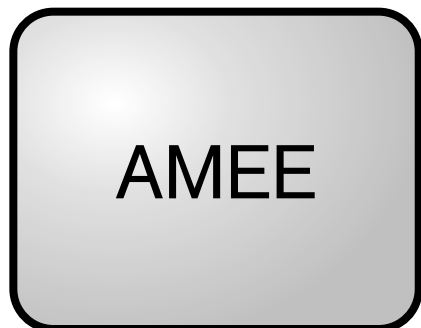
"check back soon!"



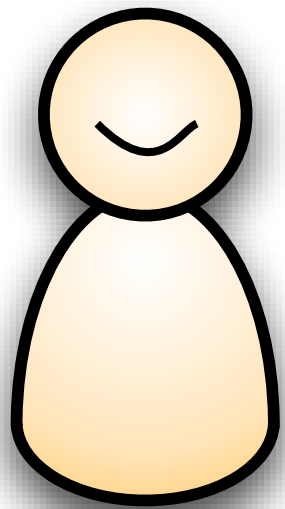
"please update AMEE"



update

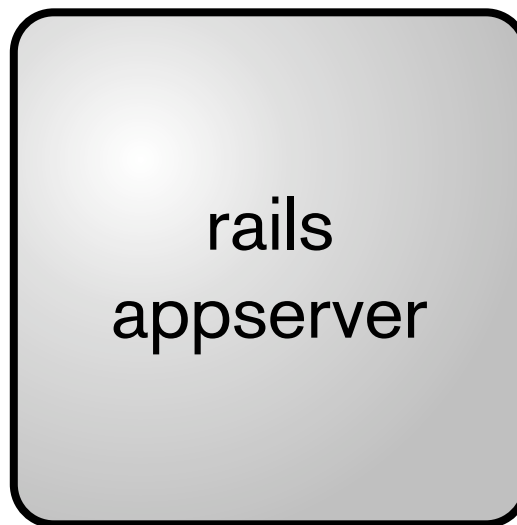


using web services

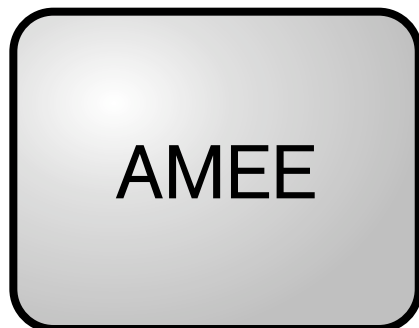


request carbon data

"check back soon!"



"please update AMEE"



update



update



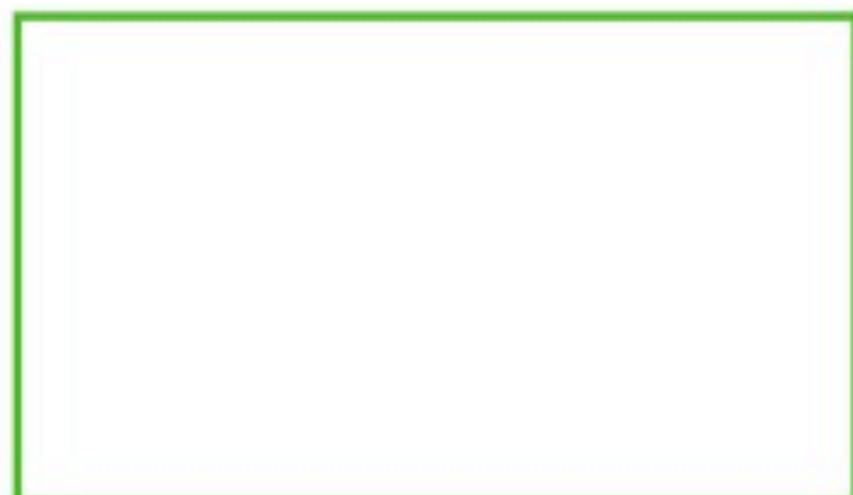
using web services



Where Next? { **Cirencester, Oxford...**  
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You took a trip, by plane, to  
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Other things you've sent us about this trip:

- [Fwd: Residence Inn Austin Downtown/Convention Center Reservation Confirmation #85520100](#)
- [Fwd: Ticketless Confirmation - BIDDULPH/MATTHEW - JUH9MB](#)

## Coincidences

Adam Keys, Adrian Hon, Aleks Krotoski, Alexander Ljung, Alice Marwick, Alice Robison, Alice Taylor, Alper Çugun, Amy Hoy, Andrew Turner, Andy Baio, Andy Budd, Andy McLoughlin, Ariel Waldman, Ben Fullerton, Ben Metcalfe, Ben Ward, Blaine Cook, Boris Anthony, Brendan Dawes, Brian Oberkirch, Cal Henderson, Charles McCathieNevile, Chris Messina, Chris Shiflett, Christopher Schultz, Cindy Li, Damiano Vukotic, Dan Hon, Dan Taylor, danah boyd, Daniel Burka, Dave Morin, Dave Shea, David Recordon, David Thompson, Deb Schultz, Dennis Crowley, Derek Featherstone, Elliot Jay Stocks, Eric Willis, Erin Kotecki Vest, Evan (Rabble) Henshaw-Plath, Ewan Spence, Gareth Klose, Giovanni Gallucci, Gregor Hochmuth, Harper Reed, Imran Ali, Jake Stide, James Aylett, James Cox, James Home, James Senior, James Stewart, James Tauber, janetti, Jay Fichialos, Jenifer Hanen, jennifer bove, Jeremy Keith, john dodds, John Poisson, Jonathan Zittrain, Joseph Smarr, Katy Lindemann, Kellan Elliott-McCrea, Kevin Cheng, Kevin Marks, Kevin Slavin, Kirrily Robert, Lane Becker, Larry Half, Leonard Lin, Lisa Rodwell, Liz Henry, Maggie Fox, Manar Hussain, Mark Norman Francis, Martijn Verver, Matt Balara, Matt Harris, Michal Migurski, Mike Butcher, Molly Steenson, Natalie Downe, Nicolas Della Penna, Nicole Simon, oron michels

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No notes so far



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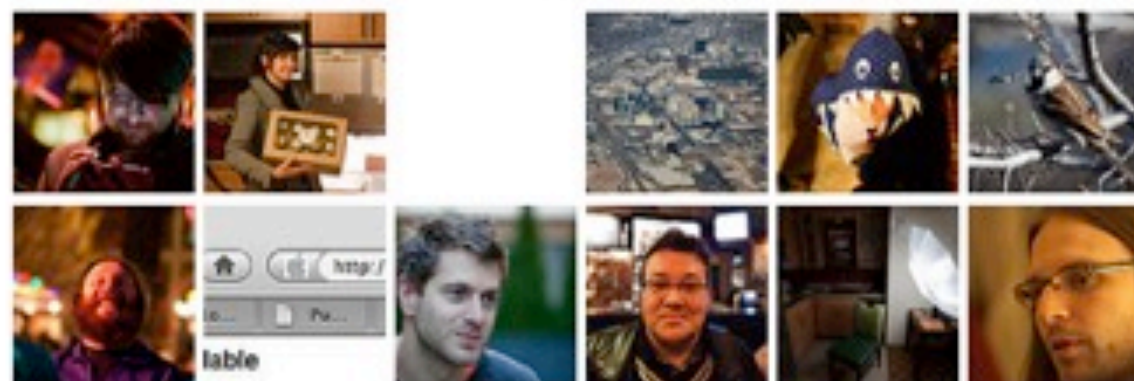
SXSW

No notes so far

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- [Fwd: Ticketless Confirmation - BIDDULPH/MATTHEW - JUH9MB](#)

Flickr pics taken during this trip:

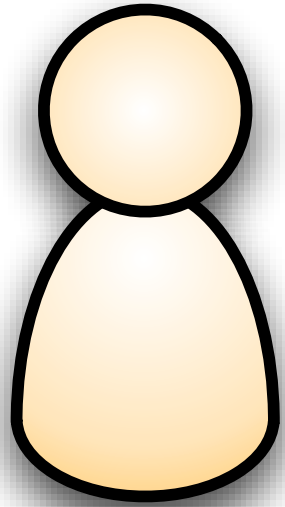


[All Flickr photos taken during this trip](#)

Coincidences

[Adam Keys](#), [Adrian Hon](#), [Aleks Krotoski](#), [Alexander Ljung](#), [Alice Marwick](#), [Alice Robison](#), [Alice Taylor](#), [Alper Çugun](#), [Amy Hoy](#), [Andrew Turner](#), [Andy Baio](#), [Andy Budd](#), [Andy McLoughlin](#), [Ariel Waldman](#), [Ben Fullerton](#), [Ben Metcalfe](#), [Ben Ward](#), [Blaine Cook](#), [Boris Anthony](#), [Brendan Dawes](#), [Brian Oberkirch](#), [Cal Henderson](#),

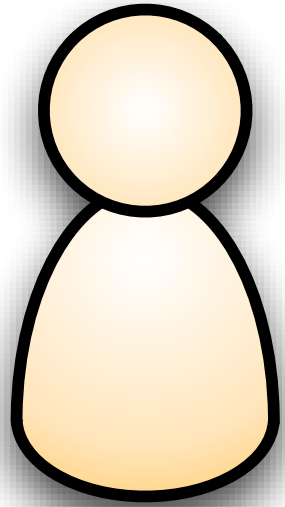
using web services



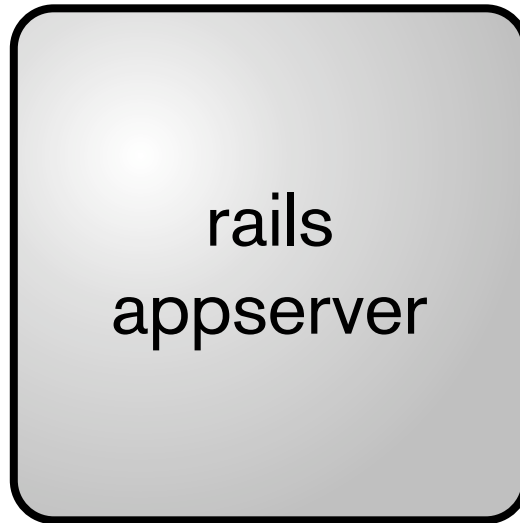
using web services

rails  
appserver

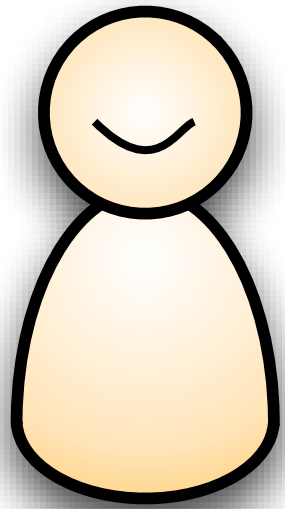




request trip info

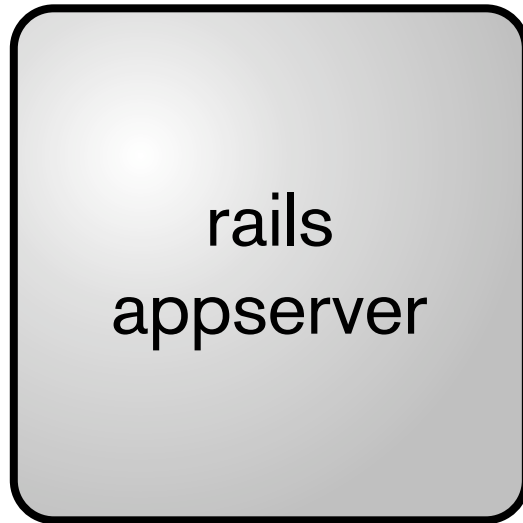


using web services



request trip info

page + JS polling

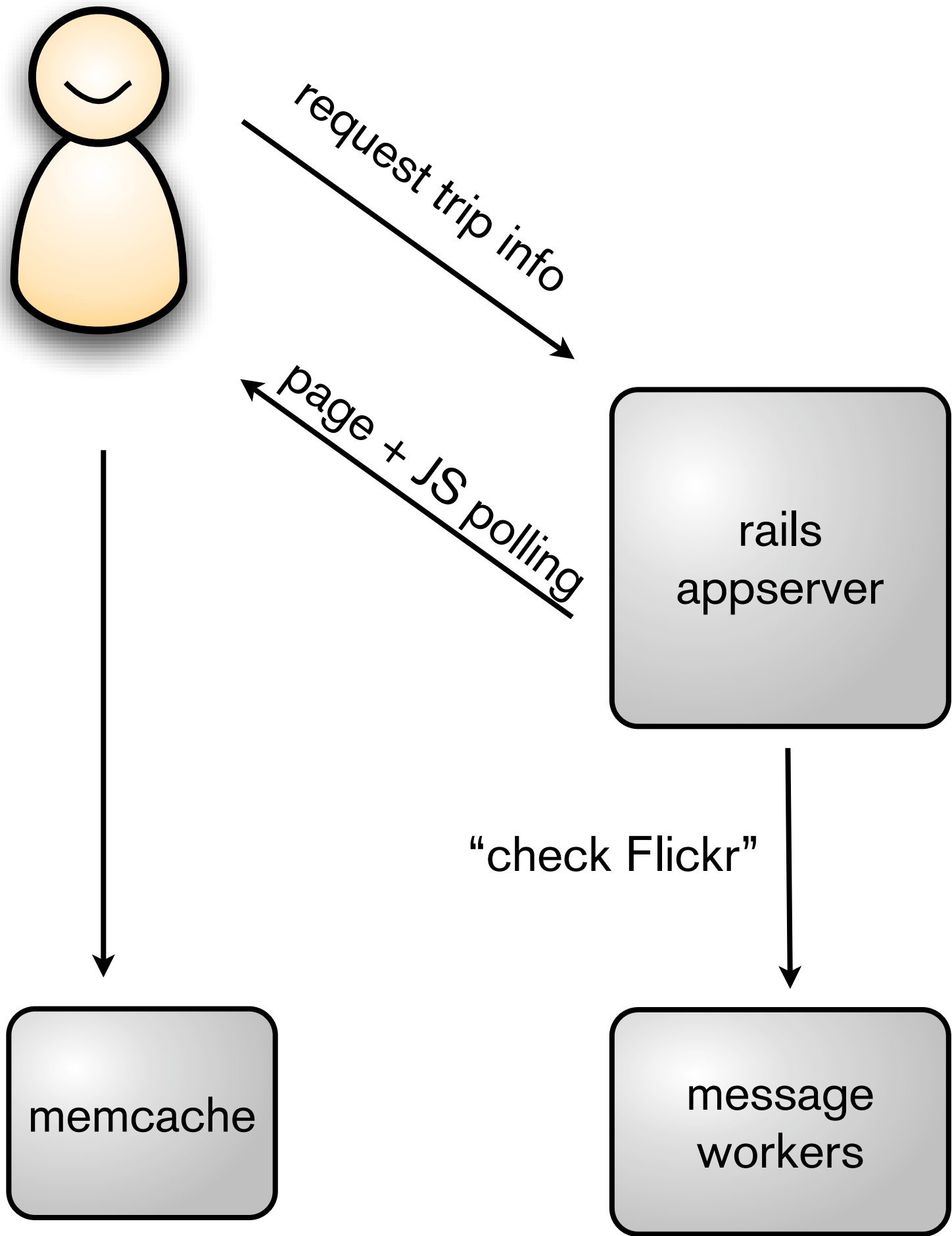


"check Flickr"

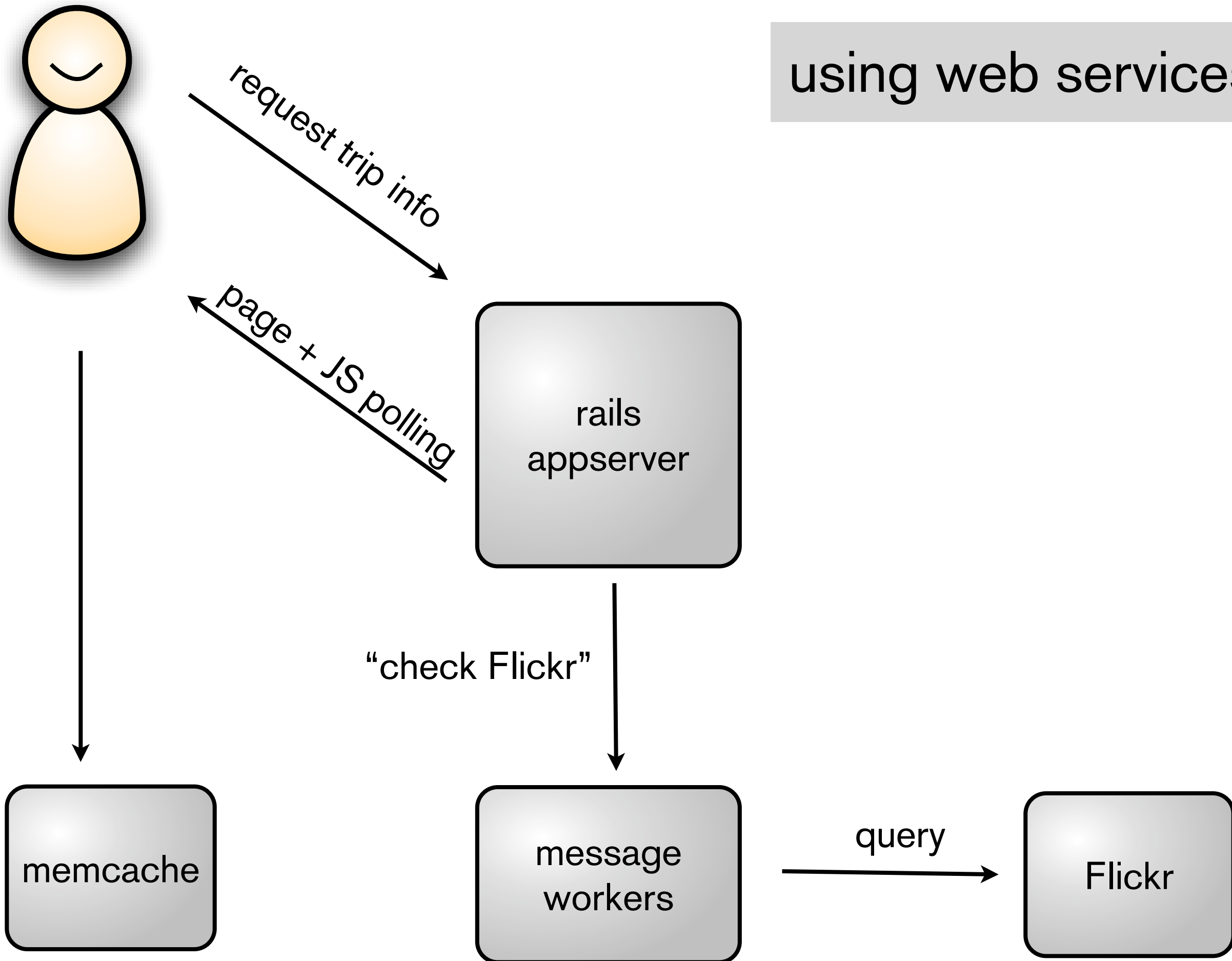


using web services

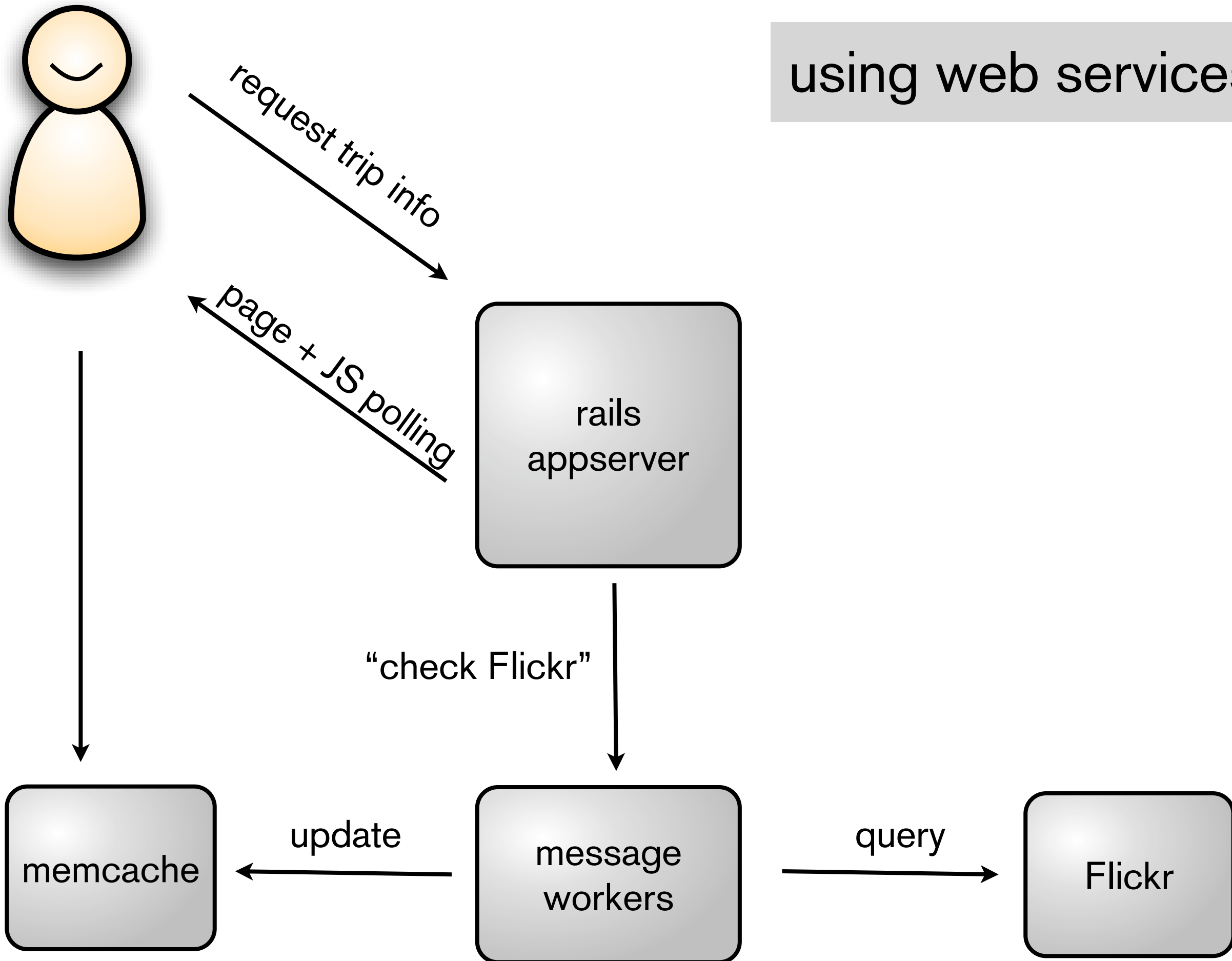
# using web services



using web services



# using web services





N>1

Joe Gregorio

<http://bitworking.org/news/218/N-1>





**beanstalkd**  
**delayed\_job**  
**nanite**



**twitter**  
**kestrel**

**The Spread Toolkit**

... and lots more



## Delayed Job (DJ)

BETA

Run a job queue for background processing with the popular plugin for Ruby on Rails.

## Workling

SOON

The ActiveRecord-like framework for scheduling background tasks in Rails.

## AMQP

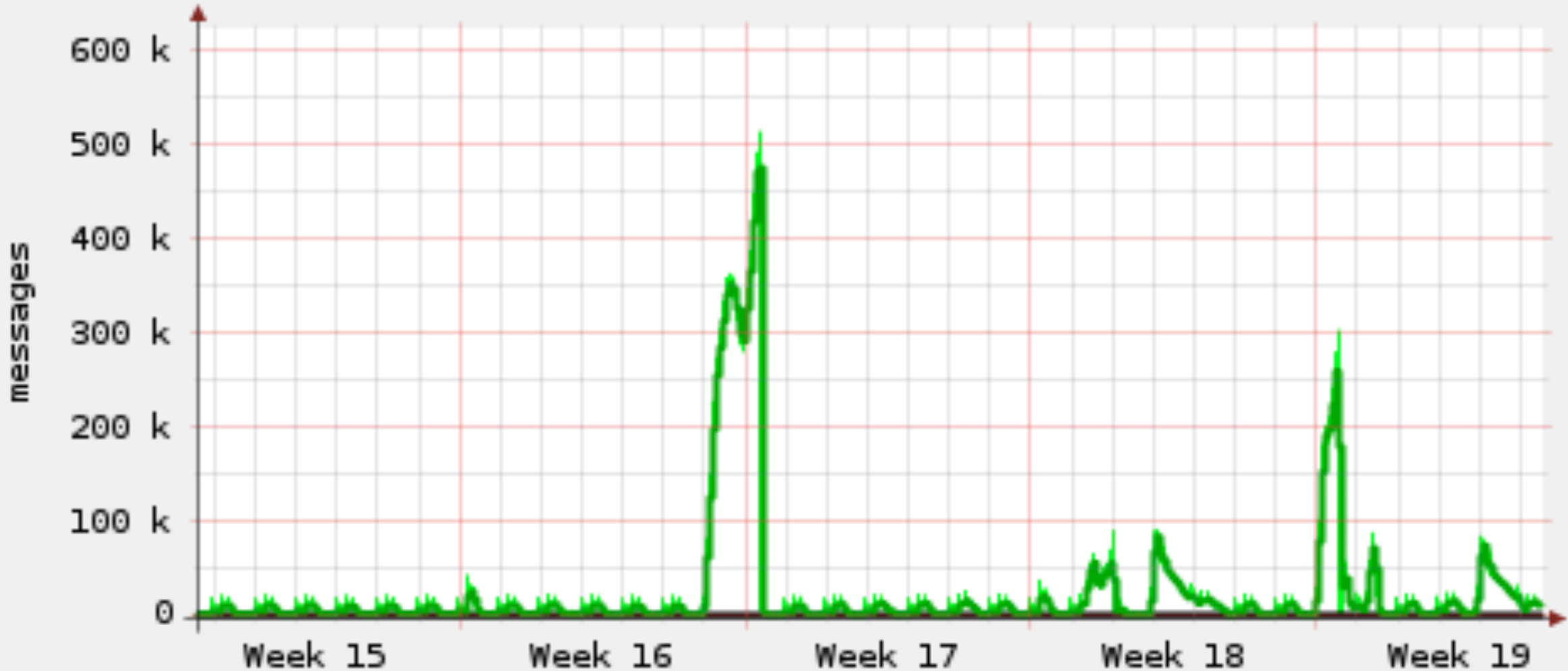
SOON

Weapons-grade message queueing for hardcore apps.



# ActiveMQ Unprocessed - by month

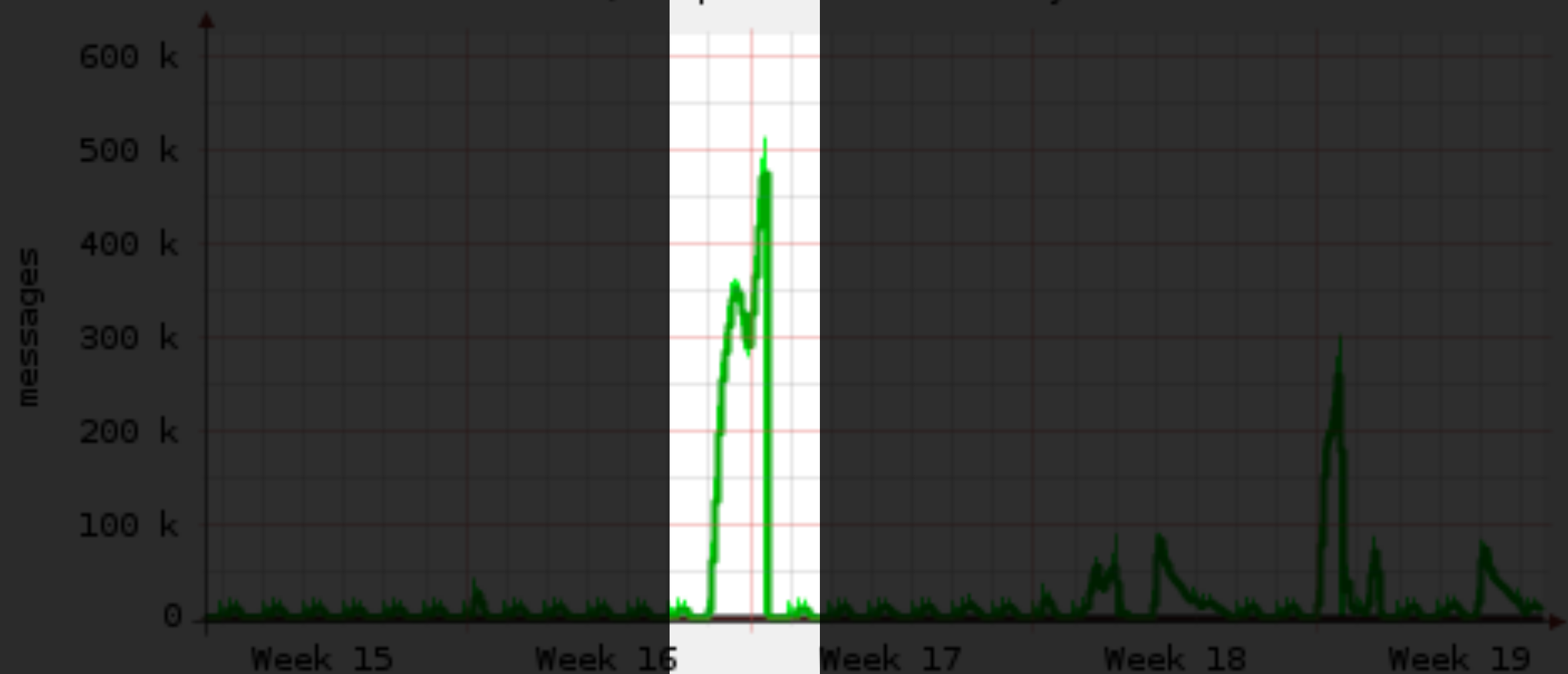
RRDTOOL / TOBI OETIKER




■ unprocessed    Cur: 10.64k    Min: -12.00    Avg: 24.62k    Max: 511.31k  
Last update: Sat May 9 13:15:03 2009

# ActiveMQ Unprocessed - by month

RRDTOOL / TOBI OETIKER



■ unprocessed    Cur: 10.64k    Min: -12.00    Avg: 24.62k    Max: 511.31k  
Last update: Sat May 9 13:15:03 2009



“If you can’t see your changes take effect in a system your understanding of cause and effect breaks down.”

Kellan Elliott-McCrea

<http://laughingmeme.org/2008/07/07/a-couple-of-caveats-on-queuing/>

thank you

matt biddulph

mb@dopplr.com

special thanks to:

<http://flickr.com/photos/riotjane/2880420762/>

<http://flickr.com/photos/hitherto/2365952880/>

<http://flickr.com/photos/sophie-/366116173/>

[http://flickr.com/photos/tim\\_d/155441805/](http://flickr.com/photos/tim_d/155441805/)

[http://flickr.com/photos/nicholas\\_t/293413649/](http://flickr.com/photos/nicholas_t/293413649/)

<http://flickr.com/photos/ennor/527510576/>

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