PLEASE STAND BY

Blueflood 2.0 and Beyond

@gdusbabek • Berlin Buzzwords 2014 • Rackspace

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```
$ cat CHANGES.txt | grep AWESOME
```

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Outline

① Current state of Blueflood

② State and potential of the metrics community

③ How you can get involved in Blueflood

④ Beyond!!!11

①

Current State

March 2013 – Decide to release

August 2013 – Actually released

Working hard in the mean time.

Lesson:
Open source project is best started open

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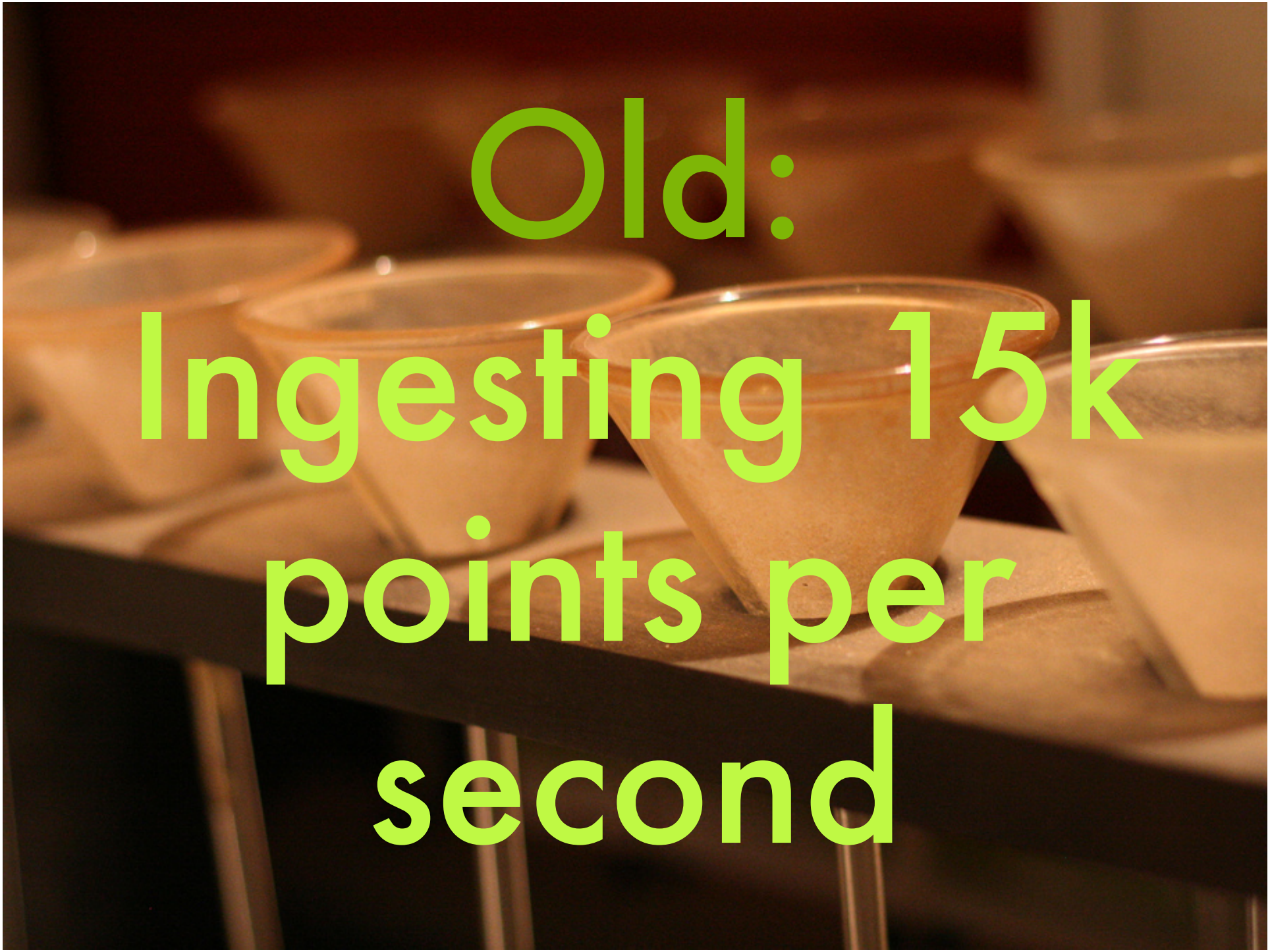
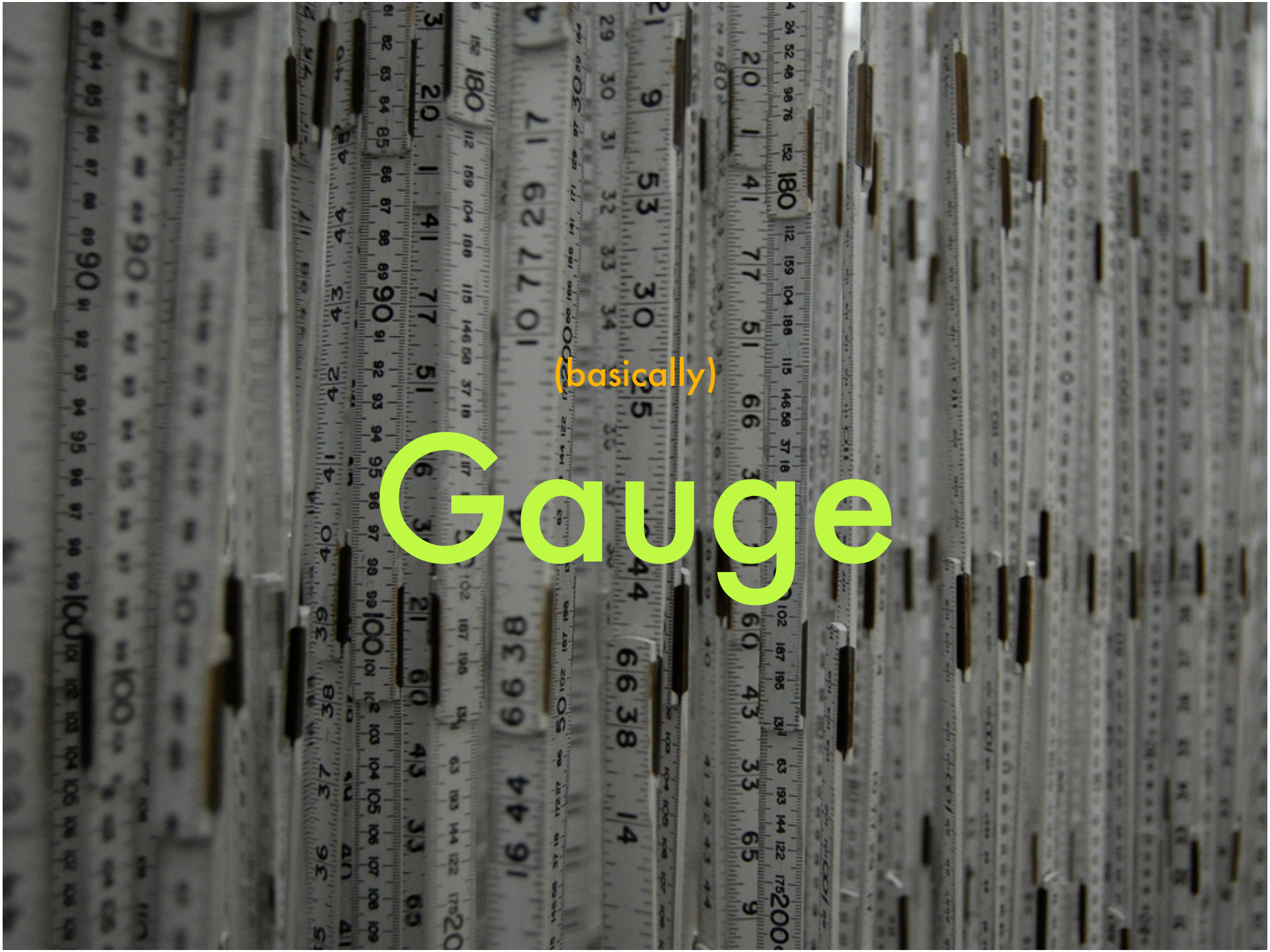
Open source project is best started open


Old:
Ingesting 15k
points per
second

New:
Ingesting 30k points per second*

Higher
Loads
Tested

New Features


(basically)
Gauge

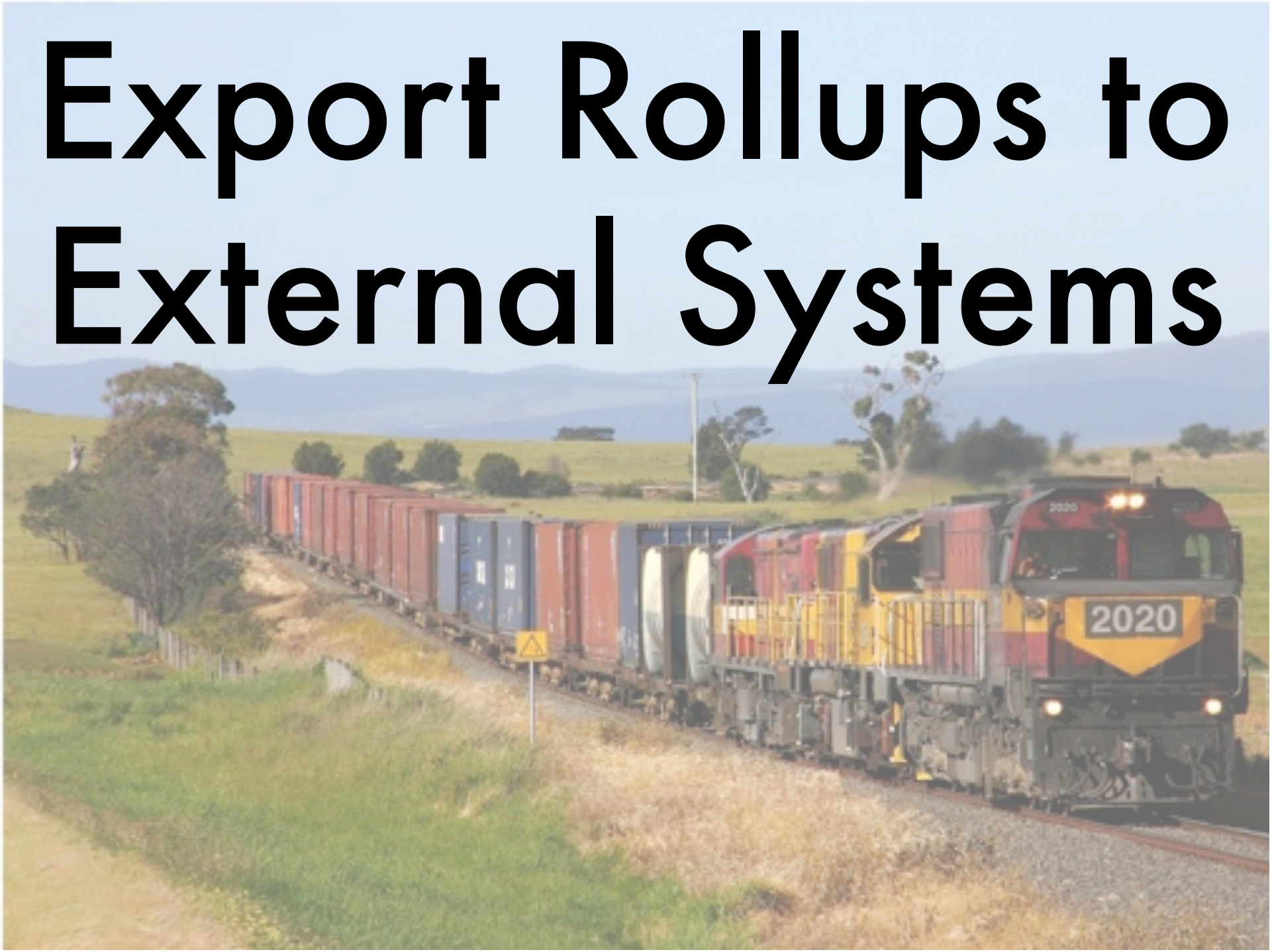
Gauge

Counter

Timer

Set

Export Rollups to External Systems



Index metrics on ingest

Index metrics on ingest

Index metrics on ingest

Performance:
Batch
Operations

Cassandra
Storage
Improvements

Cassandra
Storage
Improvements

Improved Blueflood API

Better
Multi-tenant
Experience

Better
Multi-tenant
Experience

Great progress,

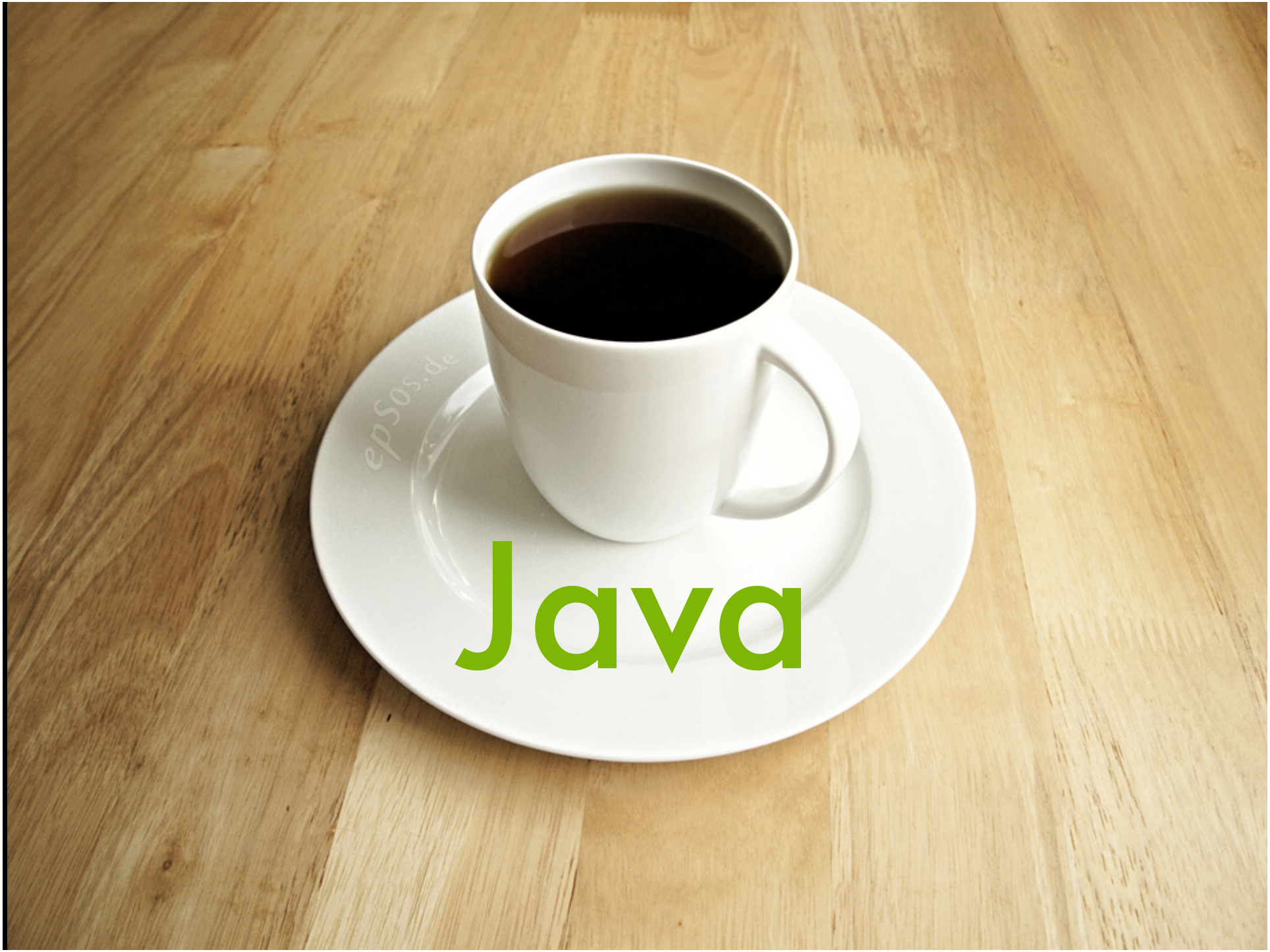
Right?

Blueflood is a young project

AWKWARD!

IMMATURE

Software
Matures too


epSos.de
Java

cassandra

Blueflood
Maturity

We are here

HELP
WANTED
APPLY
WITHIN
Will Train
Part Time

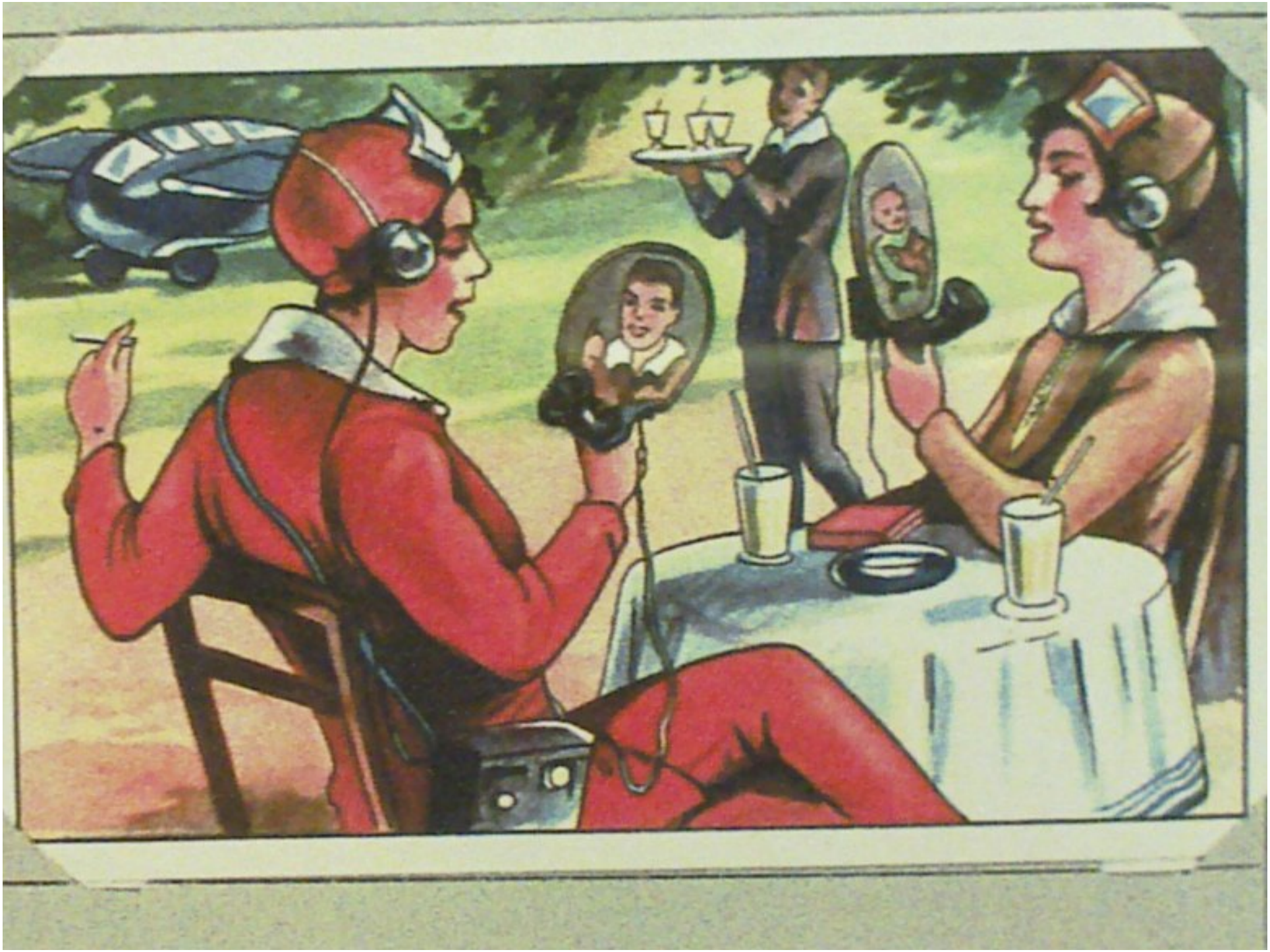
Potential of the metrics ecosystem

Just
getting
started

Expected Future

vs

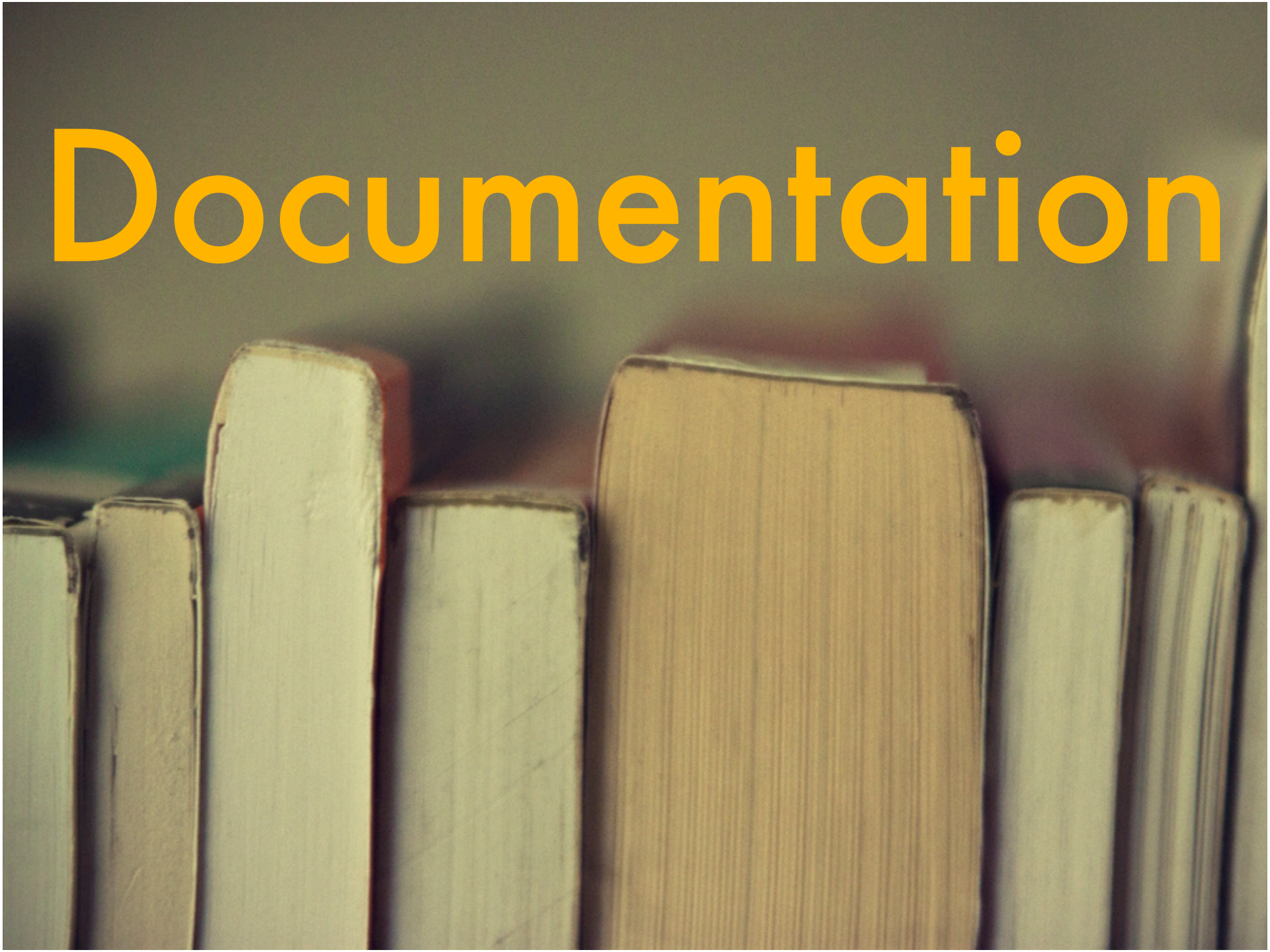
Actual Future



1MM pts per second per node

Not That
Far Away

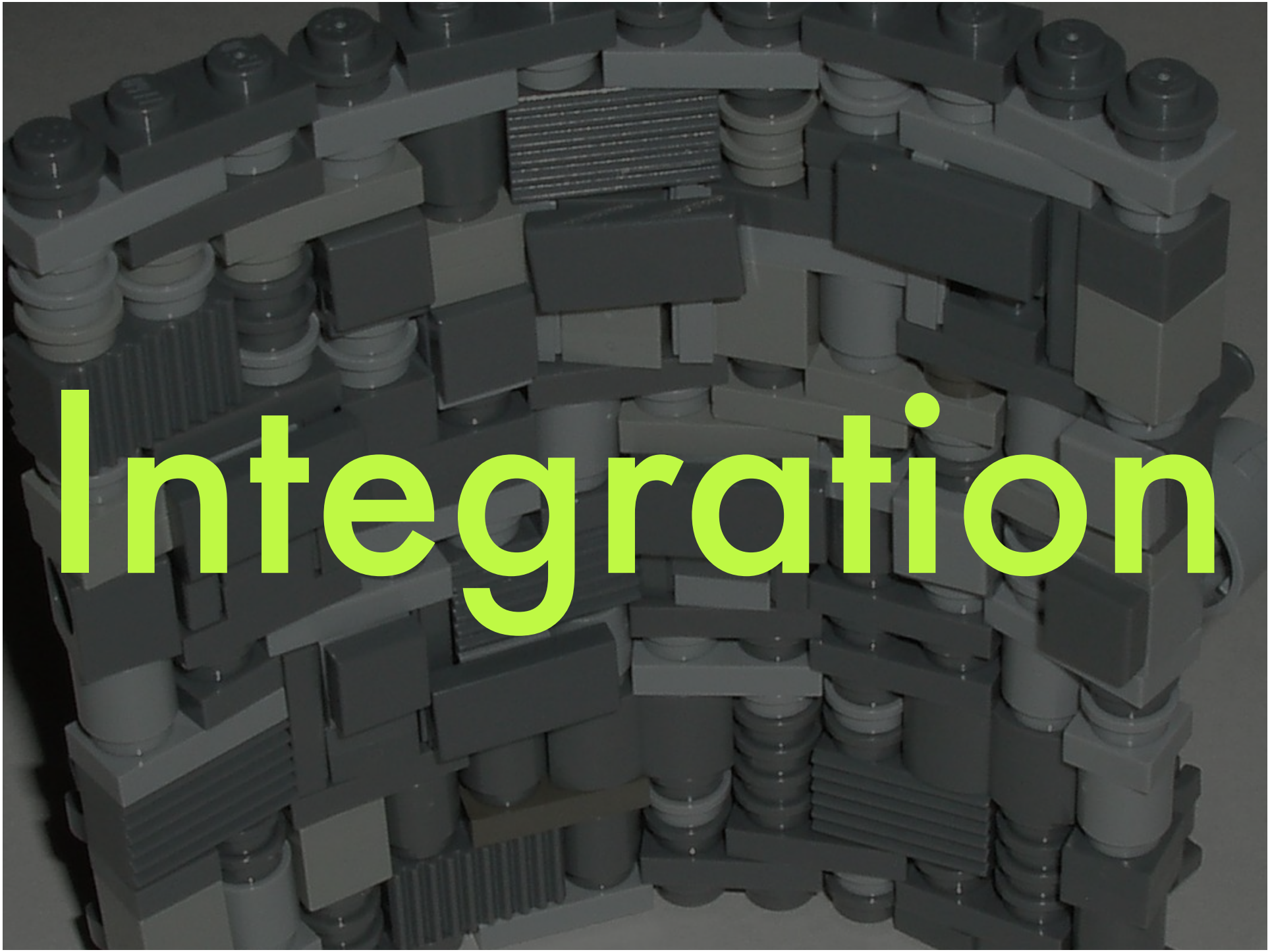
Act Now!

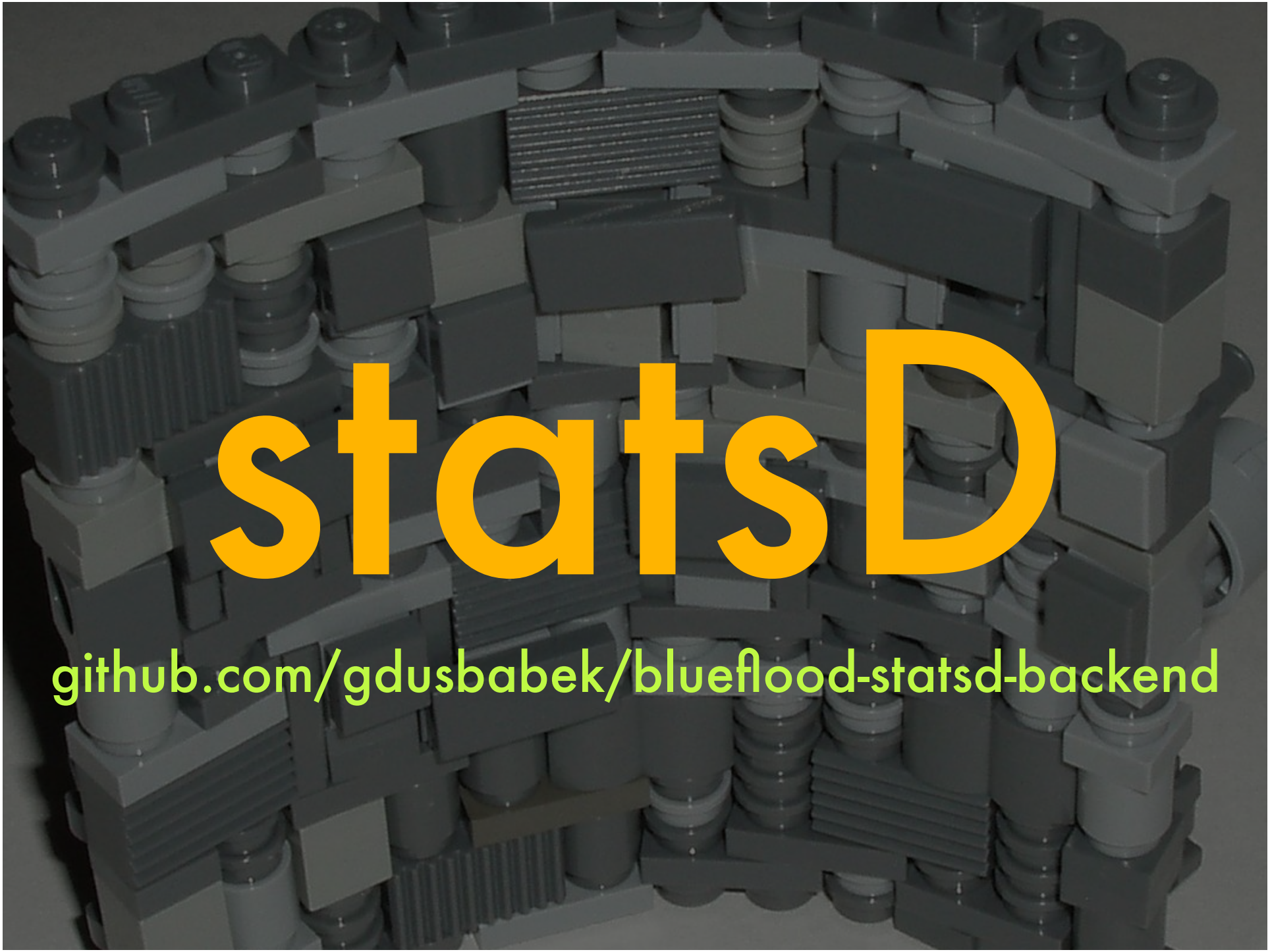

Documentation

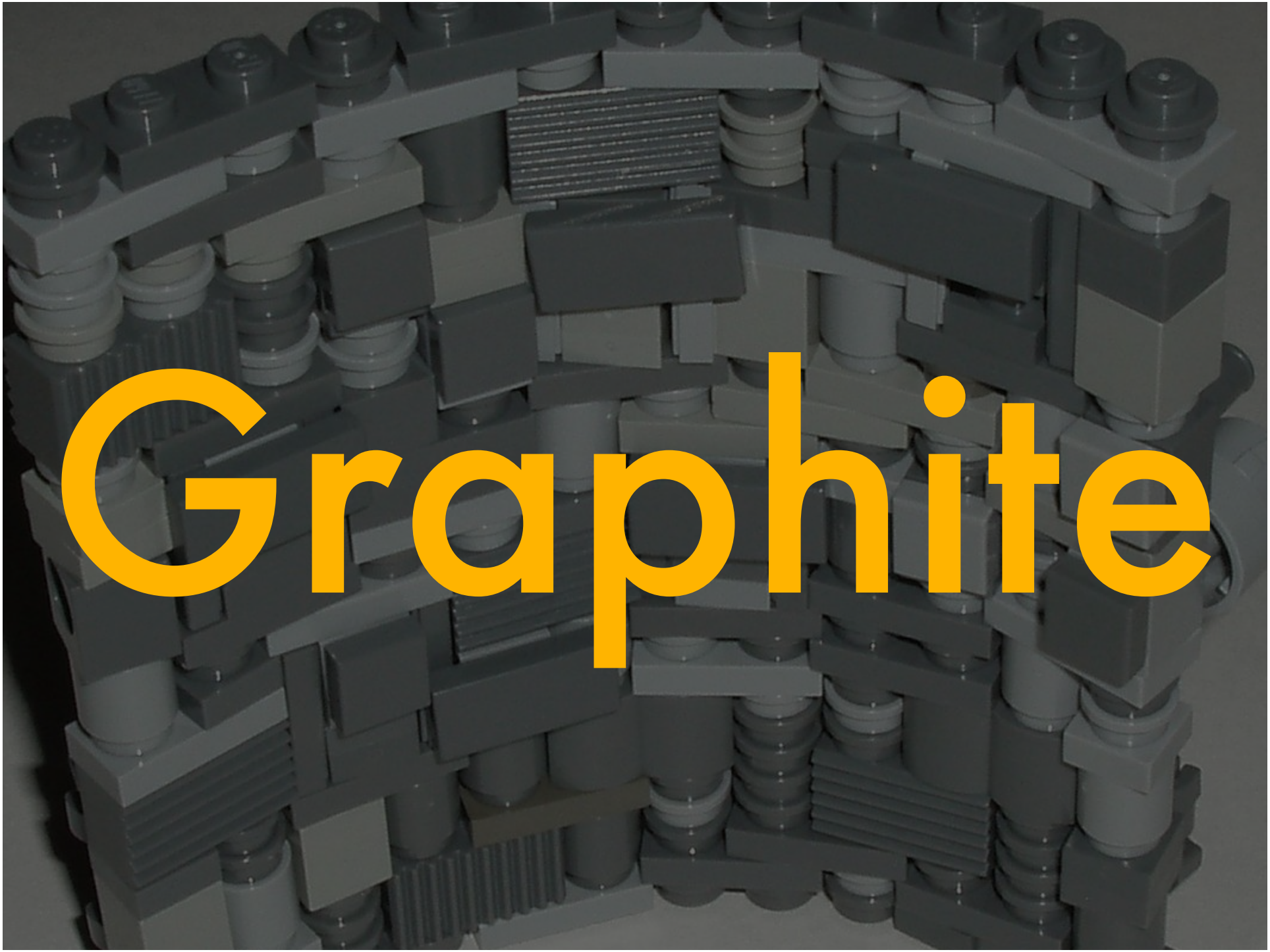
Give
Blueflood
a Try

Contribute Code

Enhance
the Tools


Integration


statsD
github.com/gdusbabek/blueflood-statsd-backend


Graphite

DEMONSTRATION

https://github.com/gdusbabek/blueflood/tree/graphite_integration
https://github.com/gdusbabek/blueflood/tree/lucene_discovery
https://github.com/gdusbabek/graphite-web/tree/blueflood_graphite

④
If We
Succeed...

Community

Easy
Installation

No
Bottlenecks

Better
Technology

Barriers to Success

Bottlenecks

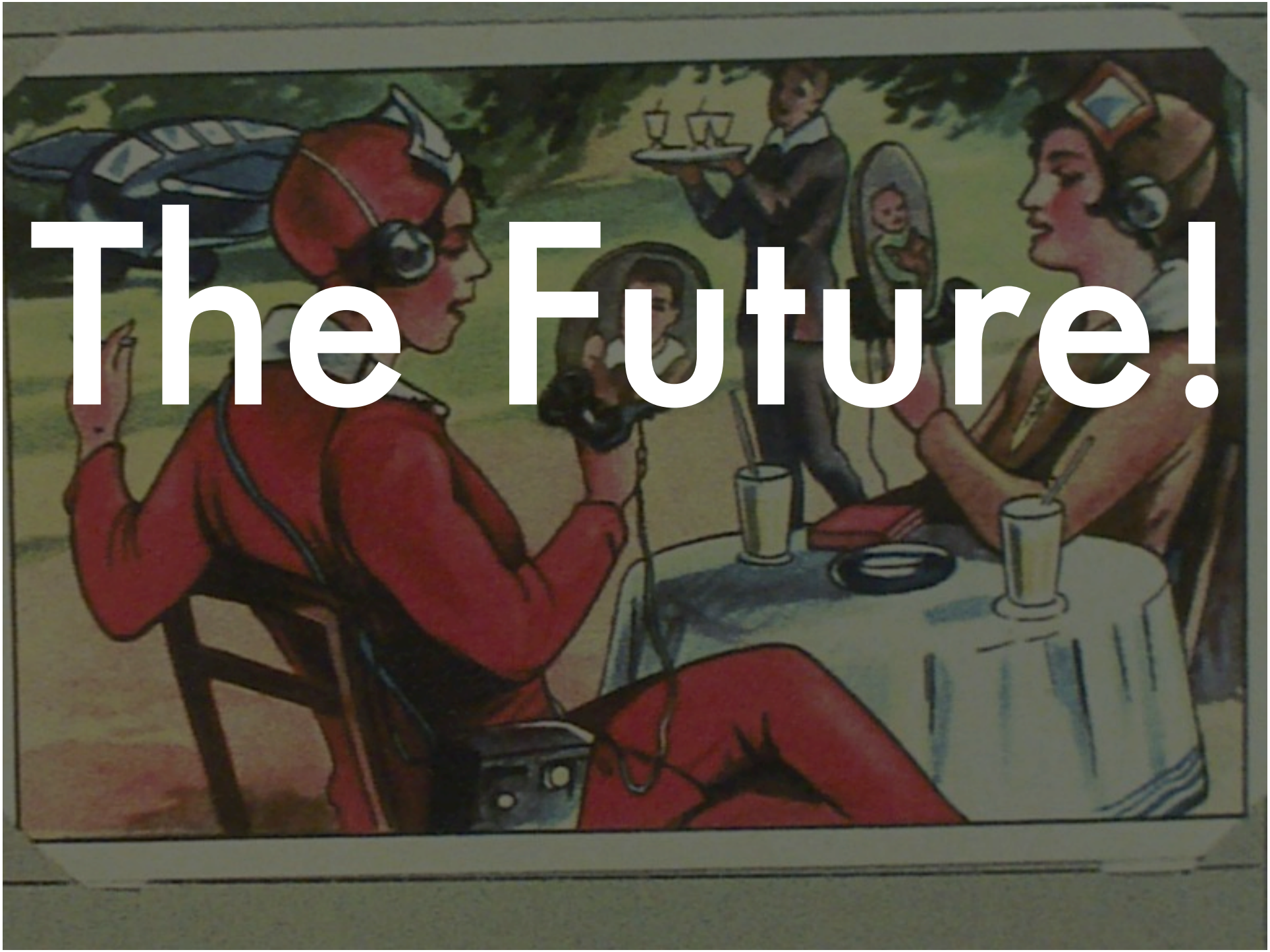
Immaturity of metrics space

Non-technical Problems

Where do
we go
next?

Where do
we go
next?

Start Helping


The Future!

Native Distributed Time Series Data Store

Common APIs

Time Series
Community

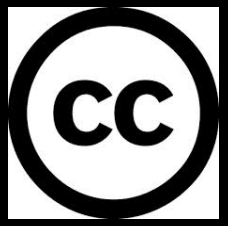
More Time Series:

Tue 11:30 – Time Series Data With Apache Cassandra

More Cassandra:

Tue 16:10 – Data Modeling in the New World

@gdusbabek
THANK
YOU



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class	https://www.flickr.com/photos/22326055@N06/4264216476
funnels	https://www.flickr.com/photos/7603557@N08/9630569058
loads	https://www.flickr.com/photos/carsten_tb/7326580242
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train	https://www.flickr.com/photos/trains_in_tasmania/11214831086
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