



**SQL: No.  
Beer: YES!**

# #1 Redis Meetup

Singapore, April 18th 2018  
JP Morgan



**redis.sg**

# Agenda

30 min: Welcome & Introduction → Uli

45 min: Redis: The Swiss Army Knife of NoSQL → Viz

45 min: Networking & Discussions

Thank you!



12  
GEEKS



J.P.Morgan









# DISTRIBUTED SYSTEMS





**BIG**

**FAST**



predictable | scalable | automated recovery





# Redis

- In-memory data structure
- Blazingly fast
- Easy to use & versatile



```
27546:M 15 Mar 12:00:28.738 # Server initialized
27546:M 15 Mar 12:00:28.763 * DB loaded from disk: 0.024 seconds
27546:M 15 Mar 12:00:28.763 * Ready to accept connections
```

```
0 redis-server
keep alive: 1
```

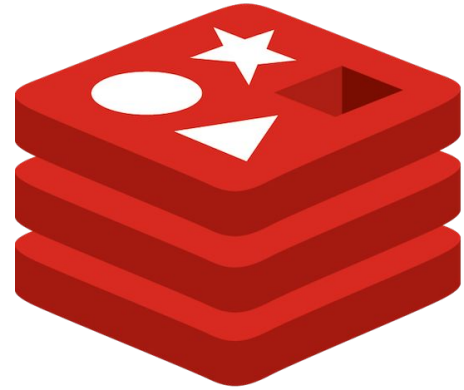
```
95.51% <= 1 milliseconds
99.63% <= 2 milliseconds
99.95% <= 3 milliseconds
99.99% <= 4 milliseconds
100.00% <= 5 milliseconds
30184.12 requests per second
```

```
$
```

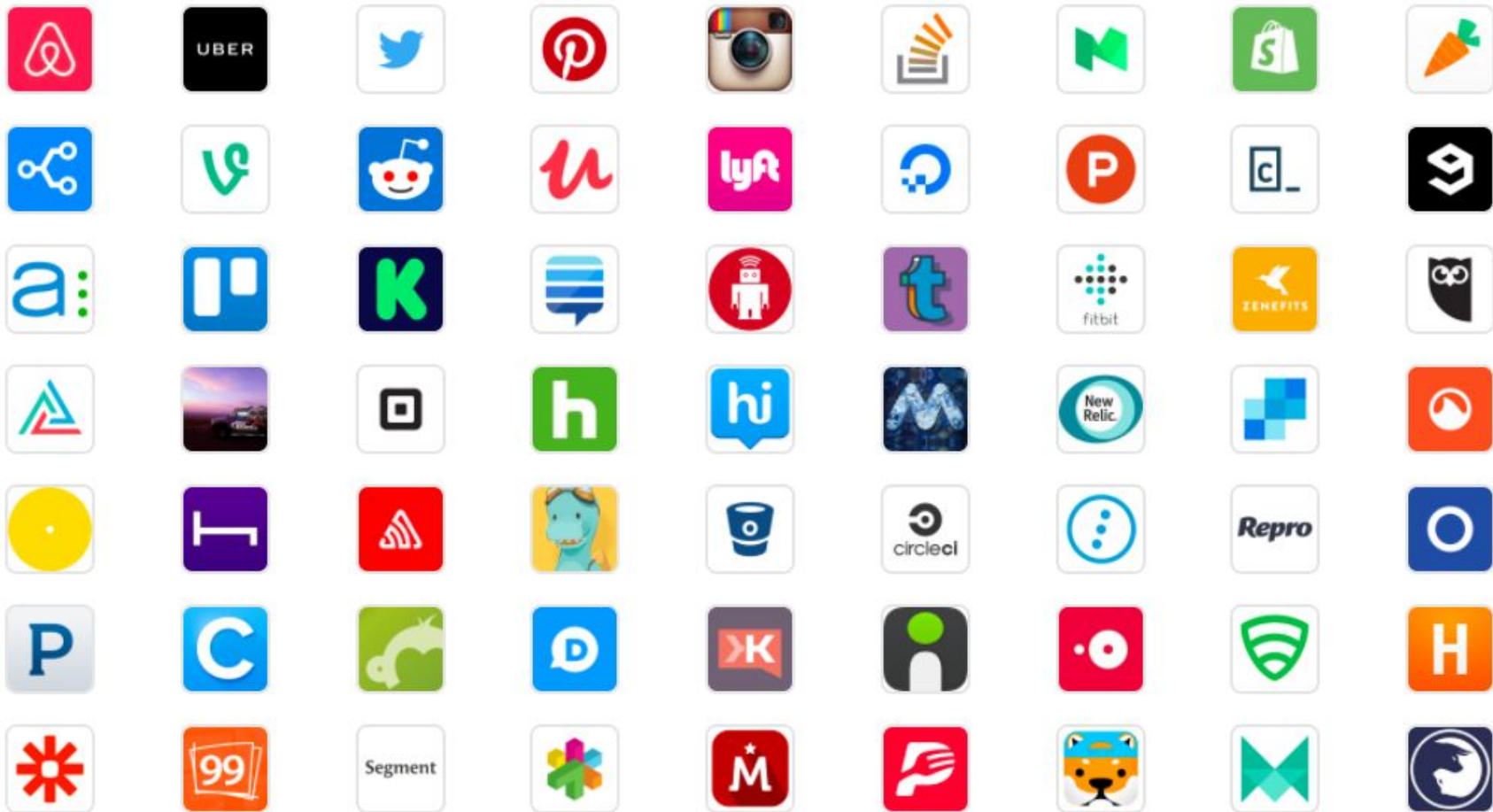
```
1 benchmark
```

# Redis - Features

- NoSQL data store
- Cache / Buffer
- Message Broker
- Pub/Sub
- Streams







# Our group

Redis?  
Distributed  
Systems?  
Data?



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## Our events

- **Talks** from practitioners
- Exciting **venues**
- **Connect** with peers in the real world