

NOSQL GAMES

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SOFTWARE DEVELOPMENT

CONFERENCE



Do you like to











technical

GHALLENGES

monthly active users 20,543,500 for Diamond Dash

daily active users 3,871,133 for Diamond Dash

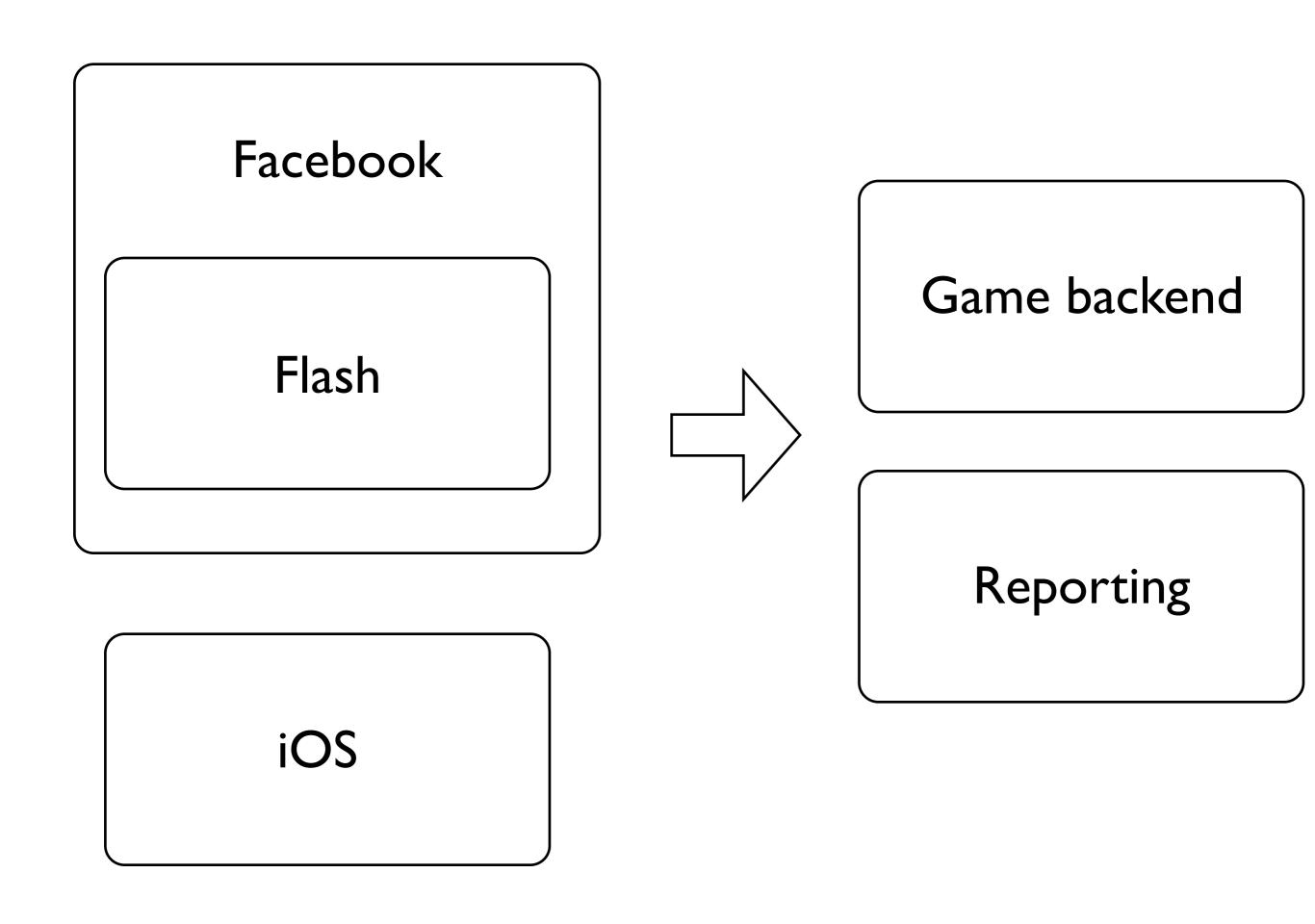
backend traffic up to 6.500 RPS for Monster World

what does mean that for a DATABASE?

read/write ratio?

WRITE HEAVY

Cocquis of architecture







Built with ... well, nginx instead of anache

mysqi aces

for certain

USE GASES

with the right







To the

Let's use instead of PHP

load balancer

app server

app server

app server

master shard I

master shard 2

slave shard 2

slave shard 2

long STORY short



load balancer

app app app app app app app	рр арр
app app app app app app app app	рр арр
app app app app app app app	р арр
	b db
db db db db db	b db

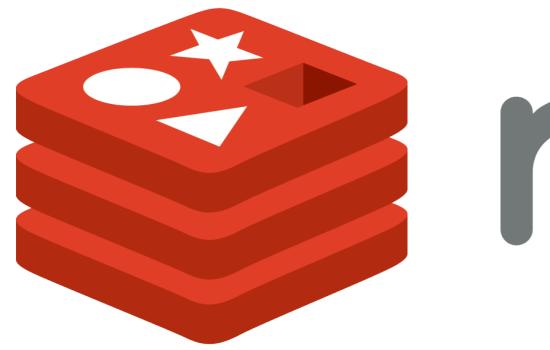
different

arcade games farming games

This is

going to work

but there is at the end of the tunnel



redis

Move

SLOW PARTS

to redis











back to

In ore for the buck

Faster

MACHINES

faster

Let's use all the way

load balancer

app server

app server

app server

redis

redis slave

all is well in

REDIS LAND





action of the second se work again?

dumps are NOLONGER

Working



This is

going to work





RESTORE ON

DEMAND

Redis

DISK STORE

(never really supported)











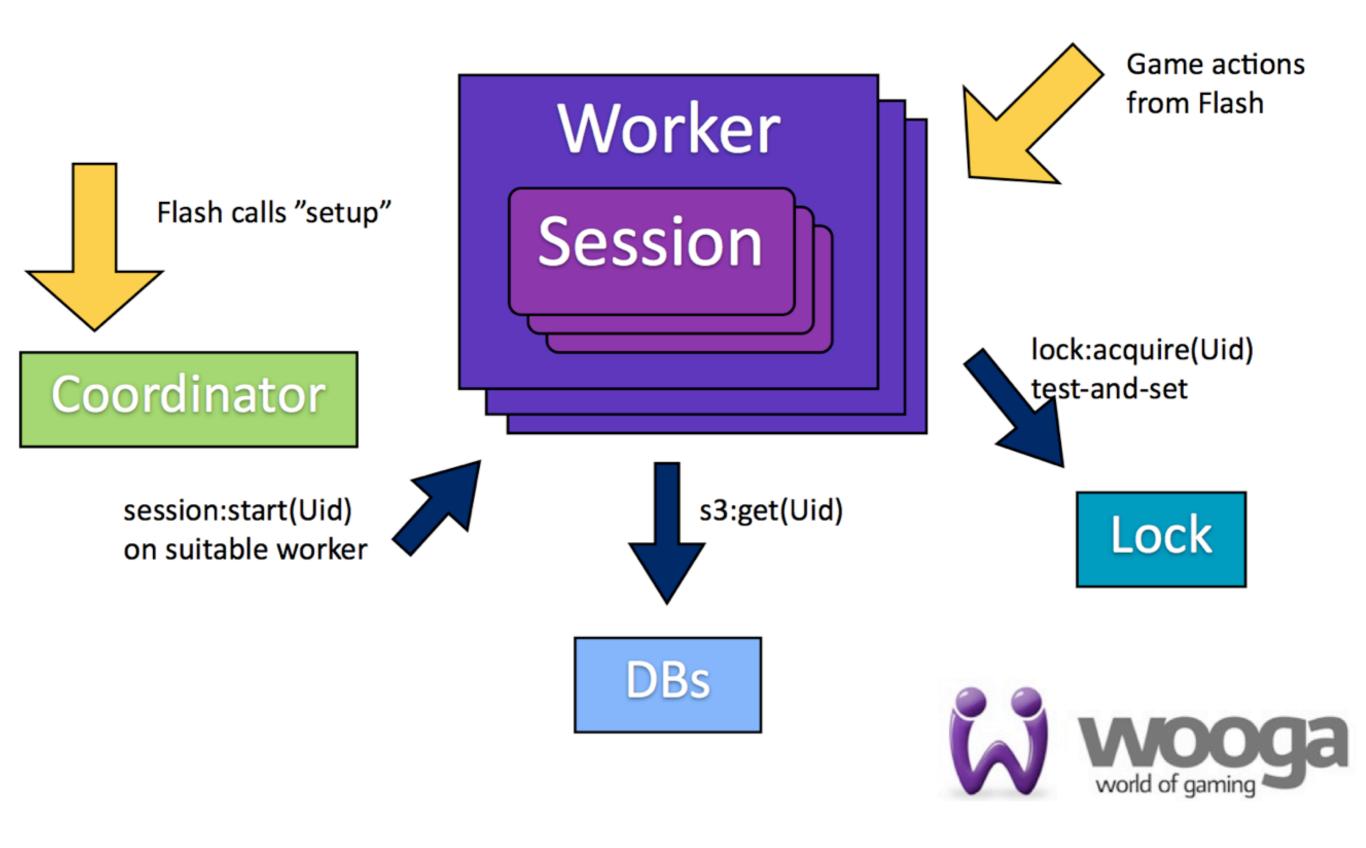
sets go

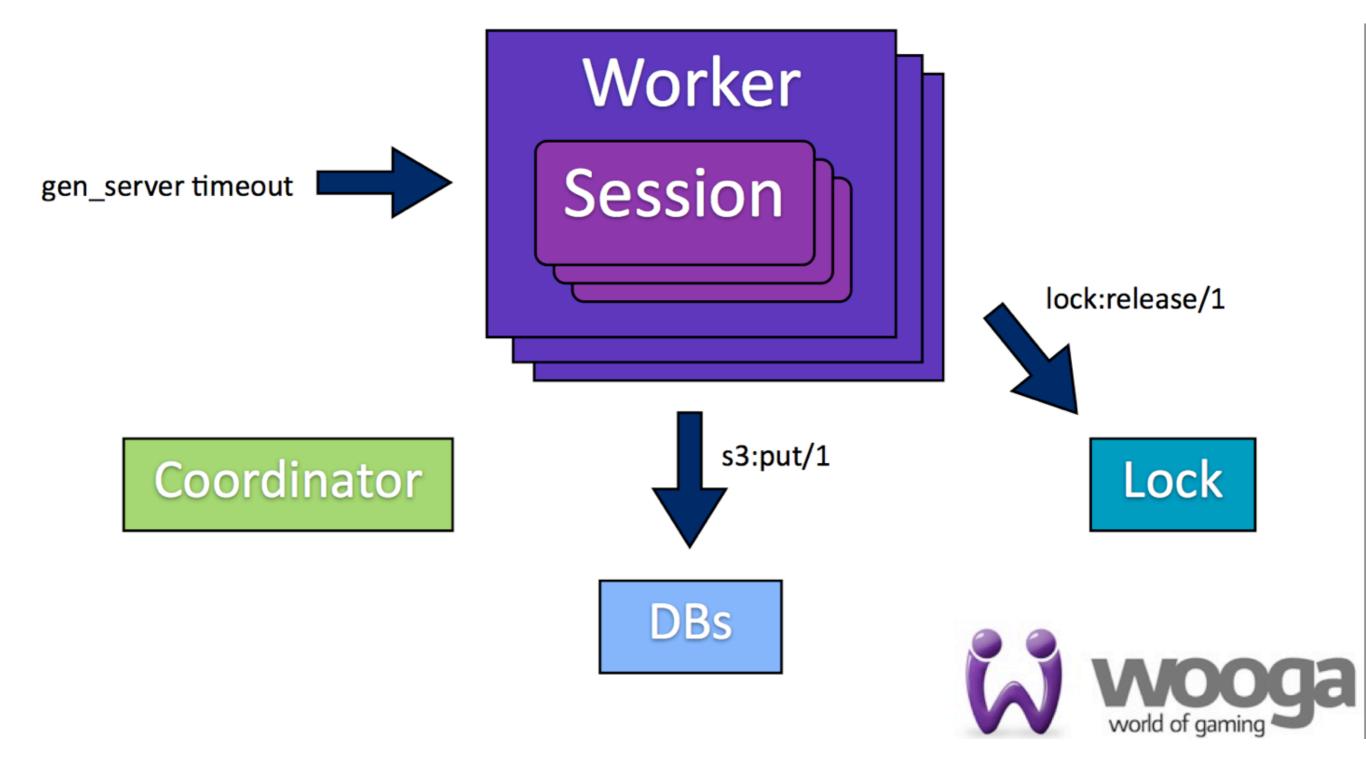
no

DATABASE is faster than no database

Let's use all the way

Let's use







s project SPARTAN





it has to be Jesteracy,

It has to SCALE

enormously



What DB SCALES without sharding?

what DB has

MASTERLESS

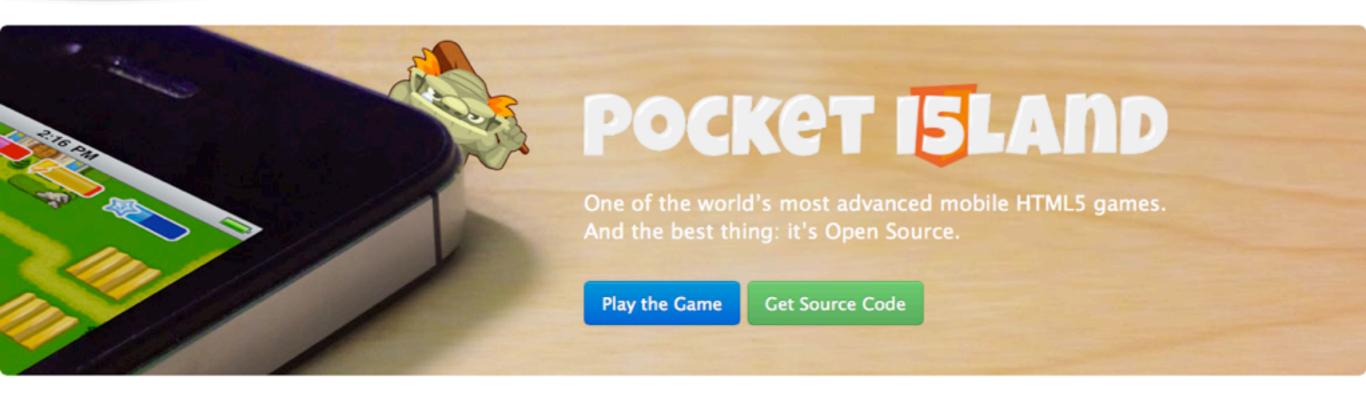
REPLICATION?

SAVING 3

FOR NOW

good enough FOR GOOD





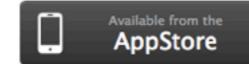
A long, long time ago ...

Pocket Island, previously launched as Magic Land Island, is Wooga's open source HTML5 project available for all to tinker with and enjoy. Happy coding.

- Read the Pocket Island Story
- Play Pocket Island
- Pocket Island on GitHub

Wanna try Pocket Island on your iPhone4, iPhone 4S or iPad?

Download the game from the AppStore for free:





life with

```
1 {
       "userId": 100000011100,
       "xp" : 20,
       "coins": 400,
       "cash": 300,
       "rooms" : [
               "id" : 1,
               "type": "x-ray",
               "status": "busy"
12
13 }
14
```



no is plain awesome

Dit Cas K was for our use case

Donot

MAP/REDUCE

over all keys:

areadful

the tale of

RIAK ATTACH



Monsters go MBLE



An iOS client is

aflash client

do we need a DATABASE

at all?

in a stateless architecture?

do we need a BAGKEND

at all?

what if the writes to

WOOGA.COM/

##