

Are you  redis ?

Introduction to Redis

meet.**php** #3
25.02.2012

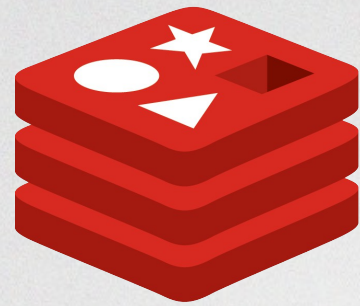
Maciej Winnicki

Computer Programmer PHP at **Allegro Group**

[@mthenw](#)

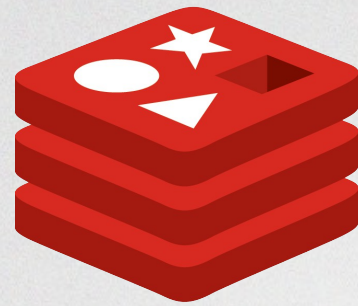


advanced key-value store



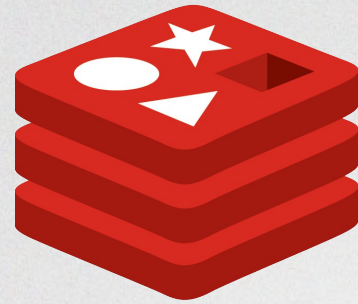
redis

in-memory database



redis

memcached **on steroids**



redis

data structures server

Author



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In production



github

craigslist

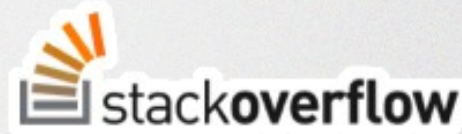
guardian.co.uk



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TECHNOLOGIES



In **PHP**

[github.com/nicolasff/](https://github.com/nicolasff/phpredis)**phpredis**

[github.com/nrk/](https://github.com/nrk/redis)**redis**

Data structure server

Strings

SET, GET, GETRANGE, INCR, DECR

Lists

LPUSH, RPUSH, RPOP, LRANGE, RPOPLPUSH

(Sorted) Sets

SADD, SINTER, SMEMBERS, SCARD, ZADD, ZSCORE

Hashes

HSET, HMSET, HGETALL

Advanced key-value store

Persistence

Replication

Transaction

Pipelining

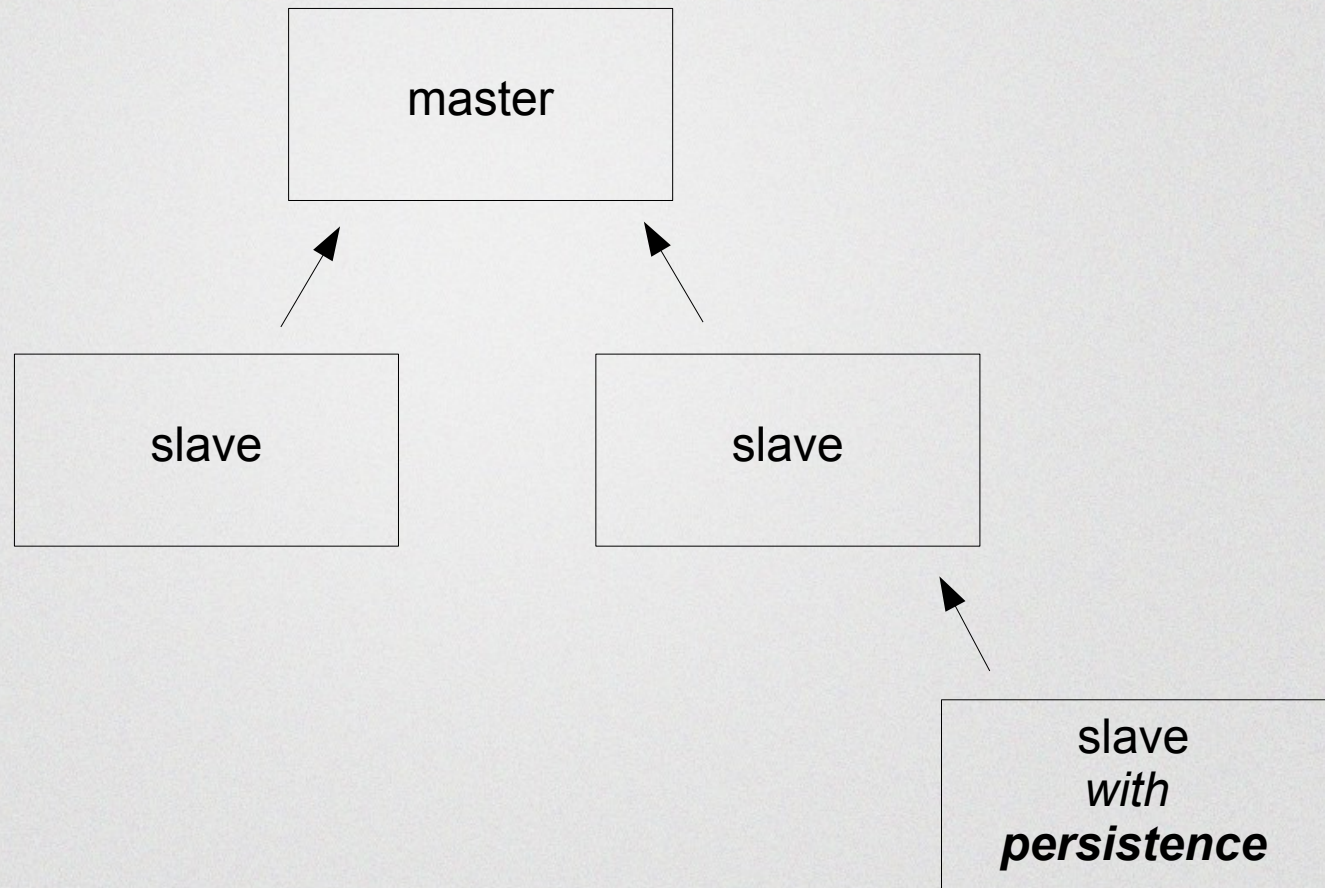
PUB/SUB

Persistence

snapshot (RDB)

append-only file (AOF)

Replication



Transactions

MULTI
EXEC

Pipelining

Client: INCR X

Server: 1

Client: INCR X

Server: 2

Client: INCR X

Server: 3

Client: INCR X

Server: 4

VS.

Client: INCR X

Client: INCR X

Client: INCR X

Client: INCR X

Server: 1

Server: 2

Server: 3

Server: 4

PUB/SUB

Publish on **PHP**

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T.Hanks

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Q&A