



Jongo

Using Mongo with it's Java driver can be **tricky**

Jongo makes it way **easy**

Origin

- 8 months on a **Mongo** real-life application
- Pleased by Mongo **shell** querying
- No Java easy way to query in **BSON**
- No Java easy way to **marshal** results

Make it easy

SHELL

```
db.peoples.find({age: {$gt: 18}})
```

JAVA DRIVER

```
peoples.find(newDBObject("age",  
    newDBObject("$gt", 18));
```

JONGO

```
peoples.find("{age: {$gt: 18}}")
```


In a nutshell

```
peoples.save(new People("Joe", 18));
```

```
peoples.update("{age: {$gt: 18}}")  
    .with("{$inc: {age: 1}}")
```

```
peoples.find("{age: {$gt: #}}", 18)  
    .as(People.class)
```


Kata



Marketing asks
for users between
20-30 & 50-60 years old

Under the hood

- Binds Jackson to Mongo Java driver with the **slightest glue code** possible
- Made of **1500 lines** of code
- Minimum effort to support **future operators**
- Handle **polymorphism** and partial loading

Since 0.3

- 6x faster: now **as fast as** Mongo Java Driver
- Configurable/replaceable **marshalling** process
- Use **Strings** to handle `_id`

What's next

- Automatic partial loading
- Mongo dump
- For more, **ask us**



Jongo

v0.4

<http://www.jongo.org>

@bguerout ~ @amsellemmyves

Performances

Average execution times

