



1

help

How to query MongoDB from R?

I want to get a MongoDB query from R.

With the `mongo` shell, I would query with:

```
db.user.find({age:{$gt:21}})
```

However, In R-Mongo, I haven't found how to describe this query.

Thanks

r |  [mongodb](#) | [rmongodb](#) | [rmongo](#)

edited Jun 12 '13 at 2:25



sashkello

6,081 7 23 49

asked Sep 23 '11 at 9:44



user189594

76 1 4

Are you talking about the `rmongodb` package - github.com/gerald-lindsly/rmongodb? – neilfws Sep 23 '11 at 13:23

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3 Answers

If you are using `rmongodb` (there is a similar package called `Rmongo`):

```
r <- mongo.find(mongo, "test.user", list(age=list('$gt'=21L)))
```

the BSON query object can also be built like so:

```
buf <- mongo.bson.buffer.create()
mongo.bson.buffer.start.object(buf, "age")
mongo.bson.buffer.append(buf, "$gt", 21L)
mongo.bson.buffer.finish.object(buf)
query <- mongo.bson.from.buffer(buf)
r <- mongo.find("mongo", "test.user", query)
```

edited Sep 24 '11 at 21:39

answered Sep 24 '11 at 21:34



Gerald Lindsly

206 2 3

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If you are using `RMongo`, the query would be:

```
dbGetQuery(mongo, "user", "{ 'age': { '$gt': 21 } }")
```

The result of `dbGetQuery()` will be a [Data Frame](#).

answered Sep 13 '12 at 11:57



Stennie

18.8k 3 32 56

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I have also written light interface to R of the pymongo package (the official API for python)
<https://github.com/RockScience/Rpymongo/blob/master/Rpymongo.r> It mimics as close as possible the functions and arguments on the official page of the API
<http://api.mongodb.org/python/current/api/pymongo/collection.html>

answered Oct 30 '13 at 11:46



RockScience

2,295 2 18 44

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