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[help](#)

Which package to use to connect R with MongoDB? [closed]

I wonder what are the main differences between `rmongodb` and `RMongo` packages for connecting R with MongoDB. What are the advantages and disadvantages of these two packages?

r  `mongodb` `rmongodb` `rmongo`

asked Jan 29 at 9:51

 [AnjaM](#)

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closed as off-topic by [Roman Luštrik](#), [Simon O'Hanlon](#), [Spacedman](#), [Brian Diggs](#), [joran](#) Jan 30 at 6:09

This question appears to be off-topic. The users who voted to close gave this specific reason:

- "Questions asking us to **recommend or find a tool, library or favorite off-site resource** are off-topic for Stack Overflow as they tend to attract opinionated answers and spam. Instead, [describe the problem](#) and what has been done so far to solve it." – [Roman Luštrik](#), [Simon O'Hanlon](#), [Brian Diggs](#), [joran](#)

If this question can be reworded to fit the rules in the [help center](#), please [edit the question](#).

Not sure why this question has been closed as I wasn't looking for a tool (I actually used `rmongodb` some time ago, so in that sense I have already found the tool), but instead asking for differences between two particular libraries, i.e., the features that are included in one of them but aren't included in the other one and vice versa. My question was not supposed to attract answers like "I like one of them more", but rather an objective comparison of the functionalities of these two libraries. – [AnjaM](#) Jan 30 at 8:41

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1 Answer

```
library(rmongodb)
```

your connection details will likely differ from these defaults

```
host <- "someone.com:10200"
username <- "myuser"
password <- "mypassword"
db <- "testdatabase"
```

connect to mongo and then create function has the following signature

```
mongo <- mongo.create(host=host , db=db, username=username, password=password)
```

Also

```
> library("RMongo")
> mongo <- mongoDbConnect("db")
```

RMongo: MongoDB Database interface for R. The interface is provided via Java calls to the mongo-java-driver.

rmongodb: This R package provides an interface to the NoSQL MongoDB database using the MongoDB C-driver.

While `RMongo` package is very straight-forward and user-friendly, it did take me a while to figure out how to specify a query with `rmongodb` package

Supported Functionality by `rmongodb`

- Connecting and disconnecting to MongoDB
- Querying, inserting and updating to MongoDB including with JSON and BSON
- Creating and handling BSON objects
- Dropping collections and databases on MongoDB
- Creating indices on MongoDB collections
- Error handling
- Executing commands on MongoDB
- Adding, removing, handling files on a "Grid File System" (GridFS) on a MongoDB server
- High Level functionality as `mongo.apply`, `mongo.summary`, `mongo.get.keys`, ...

edited Jan 29 at 10:12

answered Jan 29 at 9:56



Prasanna Nandakumar

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Thanks for your answer. Are there any advantages of using Java vs. C driver? Is any of these packages more user-friendly than the other? – [AnjaM](#) Jan 29 at 10:07

tomorrow night there is a webinar for `rmongodb` (www3.gotomeeting.com/register/287023934). There I will talk in detail about differences. Short: `rmongodb` provides more functionality and is more flexible for Big Data. – [Markus Schmidberger](#) Jan 29 at 10:09

@AnjaM if this answer is useful - upvote and select it as answer – [Prasanna Nandakumar](#) Jan 29 at 11:15

@PrasannaNanda You've listed quite a few functionalities for `rmongodb`. Are any of them missing in `RMongo` and vice versa? I'm trying to decide to which of them I should stick. User-friendliness is of course one important point. But are there also differences in functionalities? Which one would you recommend? – [AnjaM](#) Jan 29 at 12:08

@MarkusSchmidberger Thanks, I've just registered for it! – [AnjaM](#) Jan 29 at 12:08

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