

# mongoimport\_\_to\_\_R

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## Problem 2:

```
# import rmongodb package
library(rmongodb)
# Create a connection to the rmongodb installation
mongo <- mongo.create()
mongo

## [1] 0
## attr(,"mongo")
## <pointer: 0x10070eaf0>
## attr(,"class")
## [1] "mongo"
## attr(,"host")
## [1] "127.0.0.1"
## attr(,"name")
## [1] ""
## attr(,"username")
## [1] ""
## attr(,"password")
## [1] ""
## attr(,"db")
## [1] "admin"
## attr(,"timeout")
## [1] 0

if(mongo.is.connected(mongo)==TRUE){
  mongo.get.databases(mongo)
}

## [1] "employment"      "itunes"           "paste_employees"
## [4] "pastemployees"    "unitedstates"     "unitedstatesdata"
## [7] "unitedstatestest" "test"

if(mongo.is.connected(mongo)==TRUE){
  db <- "unitedstatesdata"
  mongo.get.database.collections(mongo,db)
}

## [1] "unitedstatesdata.us"
```

```
coll <- "unitedstatesdata.us"
```

```
if (mongo.is.connected(mongo) == TRUE) {  
  help("mongo.count")  
  mongo.count(mongo, coll)  
}
```

```
## [1] 56
```

```
if (mongo.is.connected(mongo) == TRUE) {  
  territory.df <- mongo.distinct(mongo, coll, "territory")  
}
```

```
if (mongo.is.connected(mongo) == TRUE){  
  state.df <- mongo.distinct(mongo, coll, "state")  
}
```

```
if (mongo.is.connected(mongo) == TRUE){  
  
  district.df <- mongo.distinct(mongo, coll, "federal_district")  
}  
  
print("Territories: ")
```

```
## [1] "Territories: "
```

```
territory.df
```

```
## [1] "American Samoa"      "Guam"  
## [3] "Northern Mariana Islands" "Puerto Rico"  
## [5] "U.S. Virgin Islands"
```

```
print("States: ")
```

```
## [1] "States: "
```

```
state.df
```

```
## [1] "Alabama"      "Alaska"      "Arizona"     "Arkansas"  
## [5] "California"   "Colorado"    "Connecticut" "Delaware"  
## [9] "Florida"     "Georgia"     "Hawaii"      "Idaho"  
## [13] "Illinois"    "Indiana"     "Iowa"        "Kansas"  
## [17] "Kentucky"    "Louisiana"   "Maine"       "Maryland"  
## [21] "Massachusetts" "Michigan"    "Minnesota"   "Mississippi"  
## [25] "Missouri"    "Montana"     "Nebraska"    "Nevada"
```

```
## [29] "New Hampshire" "New Jersey"      "New Mexico"      "New York"
## [33] "North Carolina" "North Dakota"    "Ohio"            "Oklahoma"
## [37] "Oregon"         "Pennsylvania"    "Rhode Island"    "South Carolina"
## [41] "South Dakota"   "Tennessee"       "Texas"           "Utah"
## [45] "Vermont"        "Virginia"        "Washington"      "West Virginia"
## [49] "Wisconsin"      "Wyoming"
```

```
print("Districts: ")
```

```
## [1] "Districts: "
```

```
district.df
```

```
## [1] "Washington, D.C."
```