Using MergJSON to move data from a data grid to a Mongo db

Asked 6 years, 5 months ago   Active 6 years, 5 months ago   Viewed 78 times

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After I successfully implemented the retrieval of documents from my local mongo server, I began trying the opposite, sending data stored in a data grid (DG) to the server, so I created a card with:

- a DG (DG_02) with two columns, _id and Nombre, a field (E),
- a script with a mouseup handler,

that:

```
put the dgData of DG_02 into pArray2
```

```
puts the 5th element of pArray2,into pArray,
```

(I just want to try this with only one element for now)

```
sets pForceRootType,pPretty parameters for the MergJSON function
```

call the function ArrayToJSON

```
put tJSON in fiel "E" to see what the function is returning
```

Construct the string for use with the shell command

```
put the result in rmongo to see the server answer
```

The whole script

```
on mouseUp

   local dbText
   put the dgData of grp "DG_02" into  pArray2
   put pArray2[5] into pArray   <-- Only the 5th element of the array
   put "string" into tipo
   put "false" into bonito
```

```
put ArrayToJSON(pArray, tipo, bonito) into tJSON
put tJSON into fld "E"
put "db.nueva.insert("& tJSON & ");" into dbText

put shell("C:\mongodb\bin\mongo.exe --eval" && "'" & dbText & "'" )
into rmongo

put rmongo

end mouseUp
```

These are my observations when executing the script, modifying the parameter pForceRootType for the function:

When tipo is set to Object field "E" gets: {"Nombre":"Sofia","_id":1012}

When tipo is set to String, field "E" gets: {"Nombre":"Sofia","_id":"001012"}

In both cases (tipo = string or tipo = object) rmongo, show this in the message:

```
MongoDB shell version: 2.2.7

connecting to: test

db.nueva.insert({Nombre:Sofia,_id:001012});
```

The document is not inserted.

When trying the insert directly in the shell, I can see that in order to do a successful insert, the

I will appreciate your guide with this, thank you in advance, Javier

mongodb   livecode

edited Mar 23 '14 at 2:12   asked Mar 22 '14 at 14:29

z--   Javier
2,015   13   32   75   5

1 Answer

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The JSON returned by ArrayToJSON has appropriate quotes as you can see in the text of field

0

"E".

My best guess is you need to escape the strings for the shell call so try:

```
replace quote with "^"&quote in tJSON
```

Of course then it's no longer safe to have a quote in any of your strings.

answered Mar 22 '14 at 20:19

Monte Goulding
2,215 1 16 25

Just want to thank for editing my post,Hannes. I'll try to be more careful formating my posts. Monte, thank you for your help. – Javier Mar 23 '14 at 2:39

You are welcome, may I ask you to add an explanation what the variables are for? – z-- Mar 23 '14 at 11:29

Hannes, the variables bonito and tipo, are arguments for the MergJSON function that returns a JSON from an Array. Are you asking for the purpose of these? – Javier Mar 24 '14 at 13:27