

Jibby Ayo-Ani

There is a large organization that is called Global Brigades and they have different sorts of Brigades that happen: Public Health, Dental, Medical. There is a holistic model for their brigades to be able to have a fully self sustaining community so all the brigades have connections. I am modeling these connections and keeping the list of names, places, and connections of each brigade.

TESTS

These were my tests via CURL for Create and Update (Retrieve can be done from browser)

```
# >>>>>>>>> test CREATE success by adding 3 brigades
curl -i -X PUT -d "name=dental&place=Honduras&programConnection=Medical" http://localhost:50000/brigades
curl -i -X PUT -d "name=medical&place=Ghana&programConnection=engineering" http://localhost:50000/brigades
curl -i -X PUT -d "name=architectre&place=panama&programConnection=water" http://localhost:50000/brigades
```

```
</html>Jibby@Jibbys-MBP MongoDB (master) $ curl -i -X PUT -d "name=architectre&place=panama&programConnectio
" http://localhost:50000/brigades
HTTP/1.1 200 OK
X-Powered-By: Express
Content-Type: text/html; charset=utf-8
Content-Length: 119
ETag: W/"77-X+CAmtXQGD55HyX1V6ng"
Date: Tue, 01 Dec 2015 14:40:18 GMT
Connection: keep-alive

<!DOCTYPE html>
<html>
  <head>
    <title>Mongo Demo</title>
  </head>
  <body>
    <p>Create successful</p>
  </body>
```

```
# >>>>>>>>> test CREATE missing what to put
curl -i -X PUT http://localhost:50000/brigades
```

```
</html>Jibby@Jibbys-MBP MongoDB (master) $ curl -i -X PUT http://localhost:50000/brigades
HTTP/1.1 200 OK
X-Powered-By: Express
Content-Type: text/html; charset=utf-8
Content-Length: 130
ETag: W/"82-2Q*8fnw08S+46/nMAM8d5A"
Date: Tue, 01 Dec 2015 14:40:25 GMT
Connection: keep-alive

<!DOCTYPE html>
<html>
  <head>
    <title>Mongo Demo</title>
  </head>
  <body>
    <p>No create message body found</p>
  </body>
```

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>>>>>>>>> test UPDATE success - modify

curl -i -X POST -d 'find={"name":"dental"}&update={"\$set":{"place":"Nicaragua"}}' http://localhost:50000/brigades

```
Jibby@Jibbys-MBP MongoDB (master) $ curl -i -X POST -d 'find={"name":"dental"}&update={"$set":{"place":"Nicaragua"}}' http://localhost:50000/brigades
HTTP/1.1 200 OK
X-Powered-By: Express
Content-Type: text/html; charset=utf-8
Content-Length: 134
ETag: W/"86-dREuYMNkUBPZFwKZcttWQ"
Date: Tue, 01 Dec 2015 14:49:49 GMT
Connection: keep-alive

<!DOCTYPE html>
<html>
  <head>
    <title>Mongo Demo</title>
  </head>
  <body>
    <p>Modified 2 and added 0 documents</p>
  </body>
```

>>>>>>>>> test UPDATE success - insert

curl -i -X POST -d 'find={"name":"engineering"}&update={"\$set":{"place":"Ghana"}}' http://localhost:50000/brigades

```
Jibby@Jibbys-MBP MongoDB (master) $ curl -i -X POST -d 'find={"name":"engineering"}&update={"$set":{"place":"Ghana"}}' http://localhost:50000/brigades
HTTP/1.1 200 OK
X-Powered-By: Express
Content-Type: text/html; charset=utf-8
Content-Length: 134
ETag: W/"86-AcUNuQhcwlhZ166wIK0ghw"
Date: Tue, 01 Dec 2015 14:52:16 GMT
Connection: keep-alive

<!DOCTYPE html>
<html>
  <head>
    <title>Mongo Demo</title>
  </head>
  <body>
    <p>Modified 0 and added 1 documents</p>
  </body>
```

>>>>>>>>> test UPDATE missing filter, so apply to all

curl -i -X POST -d 'update={"\$set":{"place":"Ghana"}}' http://localhost:50000/brigades

```
Jibby@Jibbys-MBP MongoDB (master) $ curl -i -X POST -d 'update={"$set":{"place":"Ghana"}}' http://localhost:50000/brigades
HTTP/1.1 200 OK
X-Powered-By: Express
Content-Type: text/html; charset=utf-8
Content-Length: 134
ETag: W/"86-0HjuFQvWj4P6peQ0gA1x9Q"
Date: Tue, 01 Dec 2015 14:40:49 GMT
Connection: keep-alive

<!DOCTYPE html>
<html>
  <head>
    <title>Mongo Demo</title>
  </head>
  <body>
    <p>Modified 5 and added 0 documents</p>
  </body>
```

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>>>>>>>>> test UPDATE missing update operation

curl -i -X POST -d 'find={"name":"dental"}' http://localhost:50000/brigades

```
</html>Jibby@Jibbys-MBP MongoDB (master) $ curl -i -X POST -d 'find={"name":"dental"}' http://localhost:50000
esrigod
155 # curl -i -X POST -d 'find={"name":"dental"}' http://localhost:50000/brigades
HTTP/1.1 200 OK
156 # curl -i -X POST -d 'find={"name":"dental"}' http://localhost:50000/brigades
X-Powered-By: Express
157 # curl -i -X POST -d 'find={"name":"dental"}' http://localhost:50000/brigades
Content-Type: text/html; charset=utf-8
158 # curl -i -X POST -d 'find={"name":"dental"}' http://localhost:50000/brigades
Content-Length: 129
159 # curl -i -X POST -d 'find={"name":"dental"}' http://localhost:50000/brigades
ETag: W/"81-YrRGsaskHiPbFsXZDTXMRQ"
160 # curl -i -X POST -d 'find={"name":"dental"}' http://localhost:50000/brigades
Date: Tue, 01 Dec 2015 14:40:55 GMT
161 # curl -i -X POST -d 'find={"name":"dental"}' http://localhost:50000/brigades
Connection: keep-alive
162 # curl -i -X POST -d 'find={"name":"dental"}' http://localhost:50000/brigades
<!DOCTYPE html>
163 # curl -i -X POST -d 'find={"name":"dental"}' http://localhost:50000/brigades
<html>
164 # curl -i -X POST -d 'find={"name":"dental"}' http://localhost:50000/brigades
  <head>
165 # curl -i -X POST -d 'find={"name":"dental"}' http://localhost:50000/brigades
    <title>Mongo Demo</title>
166 # curl -i -X POST -d 'find={"name":"dental"}' http://localhost:50000/brigades
  </head>
167 # curl -i -X POST -d 'find={"name":"dental"}' http://localhost:50000/brigades
  <body>
168 # curl -i -X POST -d 'find={"name":"dental"}' http://localhost:50000/brigades
    <p>No update operation defined</p>
169 # curl -i -X POST -d 'find={"name":"dental"}' http://localhost:50000/brigades
  </body>
170 # curl -i -X POST -d 'find={"name":"dental"}' http://localhost:50000/brigades
</html>
```

In my web page I tested using a form:

CREATE: shows the created brigade under the brigade section

Global Brigades!

List All Brigades

New Brigade

Name

Place

Program Connection

Create

Find Brigade

Name Find Brigade

Brigade

Name Place Program Connection Update Brigade Delete Brigade

READ

Find Brigade

Name

The brigade is Public Health currently exists

UPDATE

Brigade

Name Place Program Connection

The brigade Public Health is now in Ghana which is now in conjunction with Dental

DELETE

Brigade

Name Place Program Connection

Delete successful