Mongo Lab

Title: Intergalactic Bounty Hunter Database - Mongo Lab
Type:Lab
Intergalactic Bounty Hunter Database

You've been going to meetup events and networking. You've been telling everyone you're so excited to get a dev job that you'll take *any job*.

You run into a shadowy stranger, who asks you three times 'Really? Any job?' and you continue to agree enthusiastically. Things go dark, and you wake up in a strange place.

The shadowy stranger greets you and says 'Welcome to your new job! You are now our dev who will be building an intergalactic bounty hunter database for us!'

You look around, notice some high end coffee and tea machines, an air hockey table, nap rooms and floor to ceiling windows with a view of outer space. The shadowy stranger takes you to your desk which has a fancy sit-to stand adjustable hight desk with a swing bar, two big monitors, and Herman Miller chair. You say to yourself 'Not bad! Not bad at all!'

Set up

Start `Mongo`, by typing `mongod`, if you don't already have it running.
Open a new tab and start a Mongo shell if you don't have it running by typing `mongo`
connect to a new sub-database by typing

`use hunters`
If this database does not exist, it will be created

Let's create a collection for all the beings that have bounties.

`db.createCollection('bounties')`

We should get an `ok` message.

Create/Insert

Let's add our first bounty

```
db.bounties.insert(
  {
    name: 'Han Solo',
    wantedFor : 'Owing money',
    client : 'Jabba the Hut',
    reward : 1000000,
    ship: 'Millennium Falcon',
    hunters :['Bobba Fett', 'Dengar', 'IG-88', 'Zuckuss', 'Greedo', 'Bossk', '4-LOM'],
    captured: false
  }
  )
```

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You should get an ok message that looks similar to this:

```
Inserted 1 record(s) in 8ms
WriteResult({
  "nInserted": 1
})
```

Using the above template, make another bounty

Now insert a few more bounties

```
db.bounties.insert([
  {
    name: 'Han Solo',
    wantedFor : 'Owing money',
    client : 'Jabba the Hut',
    reward : 1000000,
    ship: 'Millennium Falcon',
    hunters :['Bobba Fett', 'Dengar', 'IG-88', 'Zuckuss', 'Greedo', 'Bossk', '4-LOM'],
    captured: false
  },
  {
    name: 'Rocket',
    wantedFor : 'Stealing Batteries',
    client : 'Ayesha High Priestess of the Sovereign',
    reward : 1000000000,
    ship: 'The Milano',
    hunters :['Nebula', 'Ravagers'],
    captured: false
  },
  {
    name: 'Sara Lance',
    wantedFor : 'Screwing up the timeline, causing anachronisms',
    client : 'Time Bureau',
    reward : 50000,
    ship: 'Waverider',
    hunters :['Chronos'],
    captured: false
  },
  {
    name: 'Malcolm Reynolds',
    wantedFor : 'Aiming to misbehave',
    client : 'The Alliance',
    reward : 40000,
    ship: 'Serenity',
    hunters :['Jubal Early'],
    captured: false
  },
  {
    name: 'Starbuck',
    wantedFor : "Disobeying Captain's orders",
    client : 'Captain Adama',
    ship: 'Demetrius',
    reward : 1000,
    hunters :['Apollo'],
    captured: true
  }
])
```

Read/Query

- Do a query to see all the bounties
- Do a query to find the bounty whose client is `Time Bureau`
- Do a query to find the bounties who have been `captured`
- Do a query specific to the bounty you inserted
- Do a query to just return the names of all the bounties

Remove

- Starbuck and the Captain have come to an understanding. Remove her record
- find and remove the duplicate record - be sure to JUST remove the one copy

Update

Update `Sara Lance`'s name to be her superhero alias 'White Canary'
Update Rocket's ship to be `The Milano 2`