This problem was mentioned in the Lecture 11 recording last semester. After that lecture, I figured out what the problem was. Interestingly, I saw a student make the same mistake when the lab was demonstrated later that week.

I had found an online forum where someone with this problem finally gave up after a few weeks and recreated his collection. Also, none of the other DBS311 professors could answer this question when asked.

With the document below, I was unable to find it when looking for a specific key pair and I was unable to delete it by referring to the id of 9.

 {

    "0": {

      "\_id": 9,

      "title": "Police",

      “author": {

        "first": "Joe",

        "last": "Nesbo"

      },

      "duration": 997,

      "publisher": "Random House Audio",

      "narrator": [

        "Don Bartlett",

        "John Lee"

      ],

      "datepublished": {

        "$date": "2013-10-15T14:10:30Z"

      },

      "genre": null

    },

At the time, deleting all the documents was the only way I could get rid of the one bad document when using Visual Studio Code.

This is the way it should have looked. My problem was figuring out how it had been inserted to show as it showed above.

{

    "\_id": 9,

    "title": "Police",

    "author": {

      "first": "Joe",

      "last": "Nesbo"

    },

    "duration": 997,

    "publisher": "Random House Audio",

    "narrator": [

      "Don Bartlett",

      "John Lee"

    ],

    "datepublished": {

      "$date": "2013-10-15T14:10:30Z"

    },

    "genre": null

  }

Why had this happened? I had taken an insertMany statement and converted it to put only one document in the collection.

db.audioBooks.insertOne([

{ "\_id": 9,

title : "Police",

author : {

first: "Joe",

last: "Nesbo"

},

duration : 997,

publisher : "Random House Audio",

narrator : ["Don Bartlett","John Lee"],

datepublished : new ISODate("2013-10-15T14:10:30Z"),

genre : null

} ]

) ;

This is how I should have done it.

db.audioBooks.insertOne(

{ "\_id": 9,

title : "Police",

author : {

first: "Joe",

last: "Nesbo"

},

duration : 997,

publisher : "Random House Audio",

narrator : ["Don Bartlett","John Lee"],

datepublished : new ISODate("2013-10-15T14:10:30Z"),

genre : null

}

) ;

The difference is the insertMany has [ ] to support inserting more than one document. insertOne does not have [ ] and when that was included, it caused problems.

We reuse code and take shortcuts all the time. Sometimes that can cause a major problem. By not paying attention to the extra square brackets used with the insertMany command there was a problem when using it to stand in for an insertOne.