

MongoDB Assignment 1

Find Documents

1. `db.movies.find().pretty()`
2. `db.movies.find({"writer":"quentin tarantino"}).pretty()`
3. `db.movies.find({"actors":"brad pitt"}).pretty()`
4. `db.movies.find({"franchise":"the hobbit"}).pretty()`
5. `db.movies.find({"year":{"$lt:2000"}}).pretty()`
6. `db.movies.find({"$or":[{"year":{"$lt:2000"}},{"year":{"$gt:2010"}}]}).pretty()`

Update Documents

1. `db.movies.update({"title":"the hobbit an unexpected journey"},{$set:{"synopsis":"A reluctant hobbit bilbo sets out to the lonely mountain with a spirited group of drawers to reclaim their mountain home and the gold within it from the dragon Smaug"}})`
2. `db.movies.update({title: "The Hobbit: The Desolation of Smaug"}, {$set: {synopsis: "The dwarves, along with Bilbo Baggins and Gandalf the Grey, continue their quest to reclaim Erebor, their homeland, from Smaug. Bilbo Baggins is in possession of a mysterious and magical ring."}})`
3. `db.movies.update({title: "Pulp Fiction"}, {$push: {actors: "Samuel L. Jackson"}})`

Text Search:First we have to create an index and then these queries.

1. `db.movies.find({$text:{$search:"bilbo"}}).pretty()`
2. `db.movies.find({$text:{$search:"gandalf"}}).pretty()`
3. `db.movies.find({$text:{$search:"bilbo -gandalf"}}).pretty()`
4. `db.movies.find({"$or": [{synopsis: /dwarves/}, {synopsis: /hobbit/}]}).pretty()`

Delete Documents

1. `db.movies.remove({title: "Pee Wee Herman's Big Adventure"})`
2. `db.movies.remove({title: "Avatar"})`

Relationships

1. `db.users.find({}).pretty()`
2. `db.posts.find({}).pretty()`
3. `db.posts.find({username: "GoodGuyGreg"}).pretty()`
4. `db.posts.find({username: "ScumbagSteve"}).pretty()`
5. `db.comments.find({}).pretty()`
6. `db.comments.find({username: "GoodGuyGreg"}).pretty()`
7. `db.comments.find({username: "ScumbagSteve"}).pretty()`
8. `db.comments.find({post: db.posts.findOne({title: "Reports a bug in your code"})._id})`