QUERY/FIND DOCUMENTS:

1)db.movies.find().pretty()

{

"\_id" : ObjectId("60769ffbad261da01ef9157f"),

"title" : "Fight Club",

"writer" : "Chuck Palahniuko",

"year" : 1999,

"actors" : [

"Brad Pitt",

"Edward Norton"

]

}

{

"\_id" : ObjectId("6076a1f1ad261da01ef91580"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman"

]

}

{

"\_id" : ObjectId("6076a9bbad261da01ef91581"),

"title" : "Inglorius Basterds",

"writer" : "Quentin Tarantino",

"year" : 2009,

"actors" : [

"Brad Pitt",

"Diane Kruger",

"Eli Roth"

]

}

{

"\_id" : ObjectId("6076aa6dad261da01ef91582"),

"title" : "The Hobbit: An Unexpected Journey",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit"

}

{

"\_id" : ObjectId("6076acb5ad261da01ef91583"),

"title" : "The Hobbit: The Desolation of Smaug",

"writer" : "J.R.R. Tolkein",

"year" : 2013,

"franchise" : "The Hobbit"

}

{

"\_id" : ObjectId("6076ae12ad261da01ef91584"),

"title" : "The Hobbit: The Battle of the Five Armies",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit",

"synopsis" : " Bilbo and Company are forced to engage in a war against an array of combatants and keep the Lonely Mountain from falling into the hands of a rising darkness."

}

{

"\_id" : ObjectId("6076ae51ad261da01ef91585"),

"title" : "Pee Wee Hermens's Big Adventure"

}

{ "\_id" : ObjectId("6076ae76ad261da01ef91586"), "title" : "Avatar" }

3> db.movies.find({"actors": "Brad Pitt"}).pretty()

{

"\_id" : ObjectId("60769ffbad261da01ef9157f"),

"title" : "Fight Club",

"writer" : "Chuck Palahniuko",

"year" : 1999,

"actors" : [

"Brad Pitt",

"Edward Norton"

]

}

{

"\_id" : ObjectId("6076a9bbad261da01ef91581"),

"title" : "Inglorius Basterds",

"writer" : "Quentin Tarantino",

"year" : 2009,

"actors" : [

"Brad Pitt",

"Diane Kruger",

"Eli Roth"

]

}

2> db.movies.find({"writer": "Quentin Tarantino"}).pretty()

{

"\_id" : ObjectId("6076a1f1ad261da01ef91580"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman"

]

}

{

"\_id" : ObjectId("6076a9bbad261da01ef91581"),

"title" : "Inglorius Basterds",

"writer" : "Quentin Tarantino",

"year" : 2009,

"actors" : [

"Brad Pitt",

"Diane Kruger",

"Eli Roth"

]

}

4> db.movies.find({"franchise": "The Hobbit"}).pretty()

{

"\_id" : ObjectId("6076aa6dad261da01ef91582"),

"title" : "The Hobbit: An Unexpected Journey",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit"

}

{

"\_id" : ObjectId("6076acb5ad261da01ef91583"),

"title" : "The Hobbit: The Desolation of Smaug",

"writer" : "J.R.R. Tolkein",

"year" : 2013,

"franchise" : "The Hobbit"

}

{

"\_id" : ObjectId("6076ae12ad261da01ef91584"),

"title" : "The Hobbit: The Battle of the Five Armies",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit",

"synopsis" : " Bilbo and Company are forced to engage in a war against an array of combatants and keep the Lonely Mountain from falling into the hands of a rising darkness."

}

5> db.movies.find({$and:[{"year":{$gte:1990}},{"year":{$lt:2000}}]}).pretty()

{

"\_id" : ObjectId("60769ffbad261da01ef9157f"),

"title" : "Fight Club",

"writer" : "Chuck Palahniuko",

"year" : 1999,

"actors" : [

"Brad Pitt",

"Edward Norton"

]

}

{

"\_id" : ObjectId("6076a1f1ad261da01ef91580"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman"

]

}

6> db.movies.find({$or:[{"year":{$lt:2000}},{"year":{$gt:2010}}]}).pretty()

{

"\_id" : ObjectId("60769ffbad261da01ef9157f"),

"title" : "Fight Club",

"writer" : "Chuck Palahniuko",

"year" : 1999,

"actors" : [

"Brad Pitt",

"Edward Norton"

]

}

{

"\_id" : ObjectId("6076a1f1ad261da01ef91580"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman"

]

}

{

"\_id" : ObjectId("6076aa6dad261da01ef91582"),

"title" : "The Hobbit: An Unexpected Journey",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit"

}

{

"\_id" : ObjectId("6076acb5ad261da01ef91583"),

"title" : "The Hobbit: The Desolation of Smaug",

"writer" : "J.R.R. Tolkein",

"year" : 2013,

"franchise" : "The Hobbit"

}

{

"\_id" : ObjectId("6076ae12ad261da01ef91584"),

"title" : "The Hobbit: The Battle of the Five Armies",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit",

"synopsis" : " Bilbo and Company are forced to engage in a war against an array of combatants and keep the Lonely Mountain from falling into the hands of a rising darkness."

}

UPDATE DOCUMENTS:

1> db.movies.update({"title":"The Hobbit: An Unexpected Journey"},{$set:{"synopsis":"A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of dwarves to reclaim the mountain home - and the gold within it - from the dragon Smaug."}})

WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })

> db.movies.find().pretty()

{

"\_id" : ObjectId("60769ffbad261da01ef9157f"),

"title" : "Fight Club",

"writer" : "Chuck Palahniuko",

"year" : 1999,

"actors" : [

"Brad Pitt",

"Edward Norton"

]

}

{

"\_id" : ObjectId("6076a1f1ad261da01ef91580"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman"

]

}

{

"\_id" : ObjectId("6076a9bbad261da01ef91581"),

"title" : "Inglorius Basterds",

"writer" : "Quentin Tarantino",

"year" : 2009,

"actors" : [

"Brad Pitt",

"Diane Kruger",

"Eli Roth"

]

}

{

"\_id" : ObjectId("6076aa6dad261da01ef91582"),

"title" : "The Hobbit: An Unexpected Journey",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit",

"synopsis" : "A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of dwarves to reclaim the mountain home - and the gold within it - from the dragon Smaug."

}

{

"\_id" : ObjectId("6076acb5ad261da01ef91583"),

"title" : "The Hobbit: The Desolation of Smaug",

"writer" : "J.R.R. Tolkein",

"year" : 2013,

"franchise" : "The Hobbit"

}

{

"\_id" : ObjectId("6076ae12ad261da01ef91584"),

"title" : "The Hobbit: The Battle of the Five Armies",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit",

"synopsis" : " Bilbo and Company are forced to engage in a war against an array of combatants and keep the Lonely Mountain from falling into the hands of a rising darkness."

}

{

"\_id" : ObjectId("6076ae51ad261da01ef91585"),

"title" : "Pee Wee Hermens's Big Adventure"

}

{ "\_id" : ObjectId("6076ae76ad261da01ef91586"), "title" : "Avatar" }

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."}})

WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })

> db.movies.find().pretty()

{

"\_id" : ObjectId("60769ffbad261da01ef9157f"),

"title" : "Fight Club",

"writer" : "Chuck Palahniuko",

"year" : 1999,

"actors" : [

"Brad Pitt",

"Edward Norton"

]

}

{

"\_id" : ObjectId("6076a1f1ad261da01ef91580"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman"

]

}

{

"\_id" : ObjectId("6076a9bbad261da01ef91581"),

"title" : "Inglorius Basterds",

"writer" : "Quentin Tarantino",

"year" : 2009,

"actors" : [

"Brad Pitt",

"Diane Kruger",

"Eli Roth"

]

}

{

"\_id" : ObjectId("6076aa6dad261da01ef91582"),

"title" : "The Hobbit: An Unexpected Journey",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit",

"synopsis" : "A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of dwarves to reclaim the mountain home - and the gold within it - from the dragon Smaug."

}

{

"\_id" : ObjectId("6076acb5ad261da01ef91583"),

"title" : "The Hobbit: The Desolation of Smaug",

"writer" : "J.R.R. Tolkein",

"year" : 2013,

"franchise" : "The Hobbit",

"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."

}

{

"\_id" : ObjectId("6076ae12ad261da01ef91584"),

"title" : "The Hobbit: The Battle of the Five Armies",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit",

"synopsis" : " Bilbo and Company are forced to engage in a war against an array of combatants and keep the Lonely Mountain from falling into the hands of a rising darkness."

}

{

"\_id" : ObjectId("6076ae51ad261da01ef91585"),

"title" : "Pee Wee Hermens's Big Adventure"

}

{ "\_id" : ObjectId("6076ae76ad261da01ef91586"), "title" : "Avatar" }

3> db.movies.update({"title":"Pulp Fiction"},{$set:{"actors":["John Travolta", "Uma Thurman", "Samuel L. Jackson"]}})

WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })

> db.movies.find().pretty()

{

"\_id" : ObjectId("60769ffbad261da01ef9157f"),

"title" : "Fight Club",

"writer" : "Chuck Palahniuko",

"year" : 1999,

"actors" : [

"Brad Pitt",

"Edward Norton"

]

}

{

"\_id" : ObjectId("6076a1f1ad261da01ef91580"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman",

"Samuel L. Jackson"

]

}

{

"\_id" : ObjectId("6076a9bbad261da01ef91581"),

"title" : "Inglorius Basterds",

"writer" : "Quentin Tarantino",

"year" : 2009,

"actors" : [

"Brad Pitt",

"Diane Kruger",

"Eli Roth"

]

}

{

"\_id" : ObjectId("6076aa6dad261da01ef91582"),

"title" : "The Hobbit: An Unexpected Journey",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit",

"synopsis" : "A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of dwarves to reclaim the mountain home - and the gold within it - from the dragon Smaug."

}

{

"\_id" : ObjectId("6076acb5ad261da01ef91583"),

"title" : "The Hobbit: The Desolation of Smaug",

"writer" : "J.R.R. Tolkein",

"year" : 2013,

"franchise" : "The Hobbit",

"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."

}

{

"\_id" : ObjectId("6076ae12ad261da01ef91584"),

"title" : "The Hobbit: The Battle of the Five Armies",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit",

"synopsis" : " Bilbo and Company are forced to engage in a war against an array of combatants and keep the Lonely Mountain from falling into the hands of a rising darkness."

}

{

"\_id" : ObjectId("6076ae51ad261da01ef91585"),

"title" : "Pee Wee Hermens's Big Adventure"

}

{ "\_id" : ObjectId("6076ae76ad261da01ef91586"), "title" : "Avatar" }

TEXT SEARCH:

> db.movies.createIndex({synopsis:"text"}

... )

{

"createdCollectionAutomatically" : false,

"numIndexesBefore" : 1,

"numIndexesAfter" : 2,

"ok" : 1

}

1> db.movies.find({$text:{$search: "Bilbo"}}).pretty()

{

"\_id" : ObjectId("6076acb5ad261da01ef91583"),

"title" : "The Hobbit: The Desolation of Smaug",

"writer" : "J.R.R. Tolkein",

"year" : 2013,

"franchise" : "The Hobbit",

"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."

}

{

"\_id" : ObjectId("6076ae12ad261da01ef91584"),

"title" : "The Hobbit: The Battle of the Five Armies",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit",

"synopsis" : " Bilbo and Company are forced to engage in a war against an array of combatants and keep the Lonely Mountain from falling into the hands of a rising darkness."

}

{

"\_id" : ObjectId("6076aa6dad261da01ef91582"),

"title" : "The Hobbit: An Unexpected Journey",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit",

"synopsis" : "A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of dwarves to reclaim the mountain home - and the gold within it - from the dragon Smaug."

}

2> db.movies.find({$text:{$search: "Gandalf"}}).pretty()

{

"\_id" : ObjectId("6076acb5ad261da01ef91583"),

"title" : "The Hobbit: The Desolation of Smaug",

"writer" : "J.R.R. Tolkein",

"year" : 2013,

"franchise" : "The Hobbit",

"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.find({$text:{$search: "Bilbo -Gandalf"}}).pretty()

{

"\_id" : ObjectId("6076ae12ad261da01ef91584"),

"title" : "The Hobbit: The Battle of the Five Armies",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit",

"synopsis" : " Bilbo and Company are forced to engage in a war against an array of combatants and keep the Lonely Mountain from falling into the hands of a rising darkness."

}

{

"\_id" : ObjectId("6076aa6dad261da01ef91582"),

"title" : "The Hobbit: An Unexpected Journey",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit",

"synopsis" : "A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of dwarves to reclaim the mountain home - and the gold within it - from the dragon Smaug."

}

4> db.movies.find({$text:{$search: "dwarves hobbit"}}).pretty()

{

"\_id" : ObjectId("6076aa6dad261da01ef91582"),

"title" : "The Hobbit: An Unexpected Journey",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit",

"synopsis" : "A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of dwarves to reclaim the mountain home - and the gold within it - from the dragon Smaug."

}

{

"\_id" : ObjectId("6076acb5ad261da01ef91583"),

"title" : "The Hobbit: The Desolation of Smaug",

"writer" : "J.R.R. Tolkein",

"year" : 2013,

"franchise" : "The Hobbit",

"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."

}

5> db.movies.find({$text:{$search: "\"gold\" \"dragon\""}}).pretty()

{

"\_id" : ObjectId("6076aa6dad261da01ef91582"),

"title" : "The Hobbit: An Unexpected Journey",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit",

"synopsis" : "A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of dwarves to reclaim the mountain home - and the gold within it - from the dragon Smaug."

}

DELETE DOCUMENTS:

1> db.movies.remove({"title": "Avatar"})

WriteResult({ "nRemoved" : 1 })

> db.movies.find().pretty()

{

"\_id" : ObjectId("60769ffbad261da01ef9157f"),

"title" : "Fight Club",

"writer" : "Chuck Palahniuko",

"year" : 1999,

"actors" : [

"Brad Pitt",

"Edward Norton"

]

}

{

"\_id" : ObjectId("6076a1f1ad261da01ef91580"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman",

"Samuel L. Jackson"

]

}

{

"\_id" : ObjectId("6076a9bbad261da01ef91581"),

"title" : "Inglorius Basterds",

"writer" : "Quentin Tarantino",

"year" : 2009,

"actors" : [

"Brad Pitt",

"Diane Kruger",

"Eli Roth"

]

}

{

"\_id" : ObjectId("6076aa6dad261da01ef91582"),

"title" : "The Hobbit: An Unexpected Journey",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit",

"synopsis" : "A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of dwarves to reclaim the mountain home - and the gold within it - from the dragon Smaug."

}

{

"\_id" : ObjectId("6076acb5ad261da01ef91583"),

"title" : "The Hobbit: The Desolation of Smaug",

"writer" : "J.R.R. Tolkein",

"year" : 2013,

"franchise" : "The Hobbit",

"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."

}

{

"\_id" : ObjectId("6076ae12ad261da01ef91584"),

"title" : "The Hobbit: The Battle of the Five Armies",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit",

"synopsis" : " Bilbo and Company are forced to engage in a war against an array of combatants and keep the Lonely Mountain from falling into the hands of a rising darkness."

}

{

"\_id" : ObjectId("6076ae51ad261da01ef91585"),

"title" : "Pee Wee Hermens's Big Adventure"

}

2> db.movies.remove({"title": "Pee Wee Hermens's Big Adventure"})

WriteResult({ "nRemoved" : 1 })

> db.movies.find().pretty()

{

"\_id" : ObjectId("60769ffbad261da01ef9157f"),

"title" : "Fight Club",

"writer" : "Chuck Palahniuko",

"year" : 1999,

"actors" : [

"Brad Pitt",

"Edward Norton"

]

}

{

"\_id" : ObjectId("6076a1f1ad261da01ef91580"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman",

"Samuel L. Jackson"

]

}

{

"\_id" : ObjectId("6076a9bbad261da01ef91581"),

"title" : "Inglorius Basterds",

"writer" : "Quentin Tarantino",

"year" : 2009,

"actors" : [

"Brad Pitt",

"Diane Kruger",

"Eli Roth"

]

}

{

"\_id" : ObjectId("6076aa6dad261da01ef91582"),

"title" : "The Hobbit: An Unexpected Journey",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit",

"synopsis" : "A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of dwarves to reclaim the mountain home - and the gold within it - from the dragon Smaug."

}

{

"\_id" : ObjectId("6076acb5ad261da01ef91583"),

"title" : "The Hobbit: The Desolation of Smaug",

"writer" : "J.R.R. Tolkein",

"year" : 2013,

"franchise" : "The Hobbit",

"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."

}

{

"\_id" : ObjectId("6076ae12ad261da01ef91584"),

"title" : "The Hobbit: The Battle of the Five Armies",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit",

"synopsis" : " Bilbo and Company are forced to engage in a war against an array of combatants and keep the Lonely Mountain from falling into the hands of a rising darkness."

}

QUERYING RELATED COLLECTIONS:

1> db.users.find().pretty()

{

"\_id" : ObjectId("6076ce4dad261da01ef91587"),

"username" : "GodGuyGreg",

"first\_name" : "Good Guy",

"last\_name" : "Greg"

}

{

"\_id" : ObjectId("6076ceffad261da01ef91588"),

"username" : "ScumbagSteve",

"full\_name" : [

{

"first" : "Scumbag",

"last" : "Steve"

}

]

}

2> db.posts.find().pretty()

{

"\_id" : ObjectId("6076cfe2ad261da01ef91589"),

"username" : "GoodGuyGreg",

"title" : "Passes out at party",

"body" : "Wakes up early and cleans house"

}

{

"\_id" : ObjectId("6076d01aad261da01ef9158a"),

"username" : "GoodGuyGreg",

"title" : "Steals your identity",

"body" : "Raises your credit score"

}

{

"\_id" : ObjectId("6076d060ad261da01ef9158b"),

"username" : "GoodGuyGreg",

"title" : "Reports a bug in your code",

"body" : "Sends you a Pull Request"

}

{

"\_id" : ObjectId("6076d0a4ad261da01ef9158c"),

"username" : "ScumbagSteve",

"title" : "Borrows something",

"body" : "Sells it"

}

{

"\_id" : ObjectId("6076d0caad261da01ef9158d"),

"username" : "ScumbagSteve",

"title" : "Borrows everything",

"body" : "The end"

}

{

"\_id" : ObjectId("6076d0fbad261da01ef9158e"),

"username" : "ScumbagSteve",

"title" : "Forks your repo on github",

"body" : "Sets to private"

}

db.comments.insert({username: "GoodGuyGreg", comment:"Hope you got a good deal!", post:{"$ref":"posts","$id":ObjectId("6076d0a4ad261da01ef9158c")}})

WriteResult({ "nInserted" : 1 })

> db.comments.find().pretty()

{

"\_id" : ObjectId("6076df92ad261da01ef91590"),

"username" : "GoodGuyGreg",

"comment" : "Hope you got a good deal!",

"post" : [

ObjectId("6076d0a4ad261da01ef9158c")

]

}

{

"\_id" : ObjectId("6076e065ad261da01ef91591"),

"username" : "GoodGuyGreg",

"comment" : "Hope you got a good deal!",

"post" : DBRef("posts", ObjectId("6076d0a4ad261da01ef9158c"))

}

> db.comments.remove({"\_id": ObjectId( "6076df92ad261da01ef91590")})

WriteResult({ "nRemoved" : 1 })

> db.comments.find().pretty()

{

"\_id" : ObjectId("6076e065ad261da01ef91591"),

"username" : "GoodGuyGreg",

"comment" : "Hope you got a good deal!",

"post" : DBRef("posts", ObjectId("6076d0a4ad261da01ef9158c"))

}

> var result = db.comments.findOne({"username": "GoodGuyGreg"},{"post":1})

> var dbRef = result.post

> db[dbRef.$ref].findOne({"\_id":(dbRef.$id)})

{

"\_id" : ObjectId("6076d0a4ad261da01ef9158c"),

"username" : "ScumbagSteve",

"title" : "Borrows something",

"body" : "Sells it"

}

5> db.comments.find().pretty()

{

"\_id" : ObjectId("6076e065ad261da01ef91591"),

"username" : "GoodGuyGreg",

"comment" : "Hope you got a good deal!",

"post" : DBRef("posts", ObjectId("6076d0a4ad261da01ef9158c"))

}

{

"\_id" : ObjectId("6076e5a7ad261da01ef91592"),

"username" : "GoodGuyGreg",

"comment" : "What's mine is yours!",

"post" : DBRef("posts", ObjectId("6076d0caad261da01ef9158d"))

}

{

"\_id" : ObjectId("6076ecbcad261da01ef91593"),

"username" : "GoodGuyGreg",

"comment" : "Don't violate the licensing agreement!",

"post" : DBRef("posts", ObjectId("6076d0fbad261da01ef9158e"))

}

{

"\_id" : ObjectId("6076edb0ad261da01ef91594"),

"username" : "ScumbagSteve",

"comment" : "It still isn't clean",

"post" : DBRef("posts", ObjectId("6076cfe2ad261da01ef91589"))

}

{

"\_id" : ObjectId("6076eed1ad261da01ef91595"),

"username" : "ScumbagSteve",

"comment" : "Denied your PR cause I found a hack",

"post" : DBRef("posts", ObjectId("6076d060ad261da01ef9158b"))

}

3> db.posts.find({"username":"GoodGuyGreg"}).pretty()

{

"\_id" : ObjectId("6076cfe2ad261da01ef91589"),

"username" : "GoodGuyGreg",

"title" : "Passes out at party",

"body" : "Wakes up early and cleans house"

}

{

"\_id" : ObjectId("6076d01aad261da01ef9158a"),

"username" : "GoodGuyGreg",

"title" : "Steals your identity",

"body" : "Raises your credit score"

}

{

"\_id" : ObjectId("6076d060ad261da01ef9158b"),

"username" : "GoodGuyGreg",

"title" : "Reports a bug in your code",

"body" : "Sends you a Pull Request"

}

4> db.posts.find({"username":"ScumbagSteve"}).pretty()

{

"\_id" : ObjectId("6076d0a4ad261da01ef9158c"),

"username" : "ScumbagSteve",

"title" : "Borrows something",

"body" : "Sells it"

}

{

"\_id" : ObjectId("6076d0caad261da01ef9158d"),

"username" : "ScumbagSteve",

"title" : "Borrows everything",

"body" : "The end"

}

{

"\_id" : ObjectId("6076d0fbad261da01ef9158e"),

"username" : "ScumbagSteve",

"title" : "Forks your repo on github",

"body" : "Sets to private"

}

7> db.comments.find({"username":"ScumbagSteve"}).pretty()

{

"\_id" : ObjectId("6076edb0ad261da01ef91594"),

"username" : "ScumbagSteve",

"comment" : "It still isn't clean",

"post" : DBRef("posts", ObjectId("6076cfe2ad261da01ef91589"))

}

{

"\_id" : ObjectId("6076eed1ad261da01ef91595"),

"username" : "ScumbagSteve",

"comment" : "Denied your PR cause I found a hack",

"post" : DBRef("posts", ObjectId("6076d060ad261da01ef9158b"))

}

6> db.comments.find({"username":"GoodGuyGreg"}).pretty()

{

"\_id" : ObjectId("6076e065ad261da01ef91591"),

"username" : "GoodGuyGreg",

"comment" : "Hope you got a good deal!",

"post" : DBRef("posts", ObjectId("6076d0a4ad261da01ef9158c"))

}

{

"\_id" : ObjectId("6076e5a7ad261da01ef91592"),

"username" : "GoodGuyGreg",

"comment" : "What's mine is yours!",

"post" : DBRef("posts", ObjectId("6076d0caad261da01ef9158d"))

}

{

"\_id" : ObjectId("6076ecbcad261da01ef91593"),

"username" : "GoodGuyGreg",

"comment" : "Don't violate the licensing agreement!",

"post" : DBRef("posts", ObjectId("6076d0fbad261da01ef9158e"))

}