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

Error: error: {

"ok" : 0,

"errmsg" : "text index required for $text query",

"code" : 27,

"codeName" : "IndexNotFound"

}

> db.movies.find({$text:{$search:"bilbo"}})

Error: error: {

"ok" : 0,

"errmsg" : "text index required for $text query",

"code" : 27,

"codeName" : "IndexNotFound"

}

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

{

"numIndexesBefore" : 1,

"numIndexesAfter" : 2,

"createdCollectionAutomatically" : false,

"ok" : 1

}

> db.movies.find({$text:{$search:"bilbo"}}).pretty();

{

"\_id" : ObjectId("617544587d60a06fe0cb8bc9"),

"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("617544717d60a06fe0cb8bca"),

"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("617544317d60a06fe0cb8bc8"),

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

}

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

uncaught exception: SyntaxError: missing : after property id :

@(shell):1:21

> db.movies.find.({$text:{$search:"gandalf"}})

uncaught exception: SyntaxError: missing name after . operator :

@(shell):1:15

> db.movies.find({$text:{$search:"gandalf"}})

{ "\_id" : ObjectId("617544587d60a06fe0cb8bc9"), "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." }

> db.movies.find({$and:[{synopsis:{$regex:"bilbo"}},{synopsis:{$not/gandalf/}}]});

uncaught exception: SyntaxError: missing : after property id :

@(shell):1:65

> db.movies.find({$and:[{synopsis:{$regex:"bilbo"}},{synopsis:{$not:/gandalf/}}]});

> db.movies.find({ $and: [{ synopsis: /Bilbo/g }, { synopsis: { $not: /Gandalf/g } }] }).pretty();

{

"\_id" : ObjectId("617544317d60a06fe0cb8bc8"),

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

}

{

"\_id" : ObjectId("617544717d60a06fe0cb8bca"),

"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"

}

> db.movies.find({ synopsis: /(dwarves|hobbit)/g }).pretty();

{

"\_id" : ObjectId("617544317d60a06fe0cb8bc8"),

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

}

{

"\_id" : ObjectId("617544587d60a06fe0cb8bc9"),

"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."

}

> db.movies.find({ synopsis: /(gold.\*dragon|dragon.\*gold)/g }).pretty();

{

"\_id" : ObjectId("617544317d60a06fe0cb8bc8"),

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

}

> db.movies.deleteMany({ title: "Pee Wee Herman's Big Adventure" });

{ "acknowledged" : true, "deletedCount" : 1 }

> db.movies.deleteMany({ title: "Avatar" });

{ "acknowledged" : true, "deletedCount" : 0 }

> db.movies.find({ year: { $gte: 1990, $lte: 1999 } }).pretty();

> db.movies.find({ synopsis: /Bilbo/g }).pretty();

{

"\_id" : ObjectId("617544317d60a06fe0cb8bc8"),

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

}

{

"\_id" : ObjectId("617544587d60a06fe0cb8bc9"),

"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("617544717d60a06fe0cb8bca"),

"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"

}

> db.movies.find({ synopsis: /Gandalf/g }).pretty()

{

"\_id" : ObjectId("617544587d60a06fe0cb8bc9"),

"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."

}

>