**ASSIGNMENT**

> use assign

switched to db assign

> db.createCollection("assign")

{ "ok" : 1 }

> show dbs

admin 0.000GB

assign 0.000GB

config 0.000GB

dxc 0.000GB

local 0.000GB

> db.assign.insert({\_id:1,item:{name:"ab",code:"123"},qty:15,tags:["A","B","C"]})

WriteResult({ "nInserted" : 1 })

> db.assign.find()

{ "\_id" : 1, "item" : { "name" : "ab", "code" : "123" }, "qty" : 15, "tags" : [ "A", "B", "C" ] }

> db.assign.insert({\_id:2,item:{name:"cd",code:"123"},qty:20,tags:["B"]})

WriteResult({ "nInserted" : 1 })

> db.assign.insert({\_id:3,item:{name:"ij",code:"456"},qty:25,tags:["A","B"]})

WriteResult({ "nInserted" : 1 })

> db.assign.insert({\_id:4,item:{name:"xy",code:"456"},qty:30,tags:["B","A"]})

WriteResult({ "nInserted" : 1 })

> db.assign.insert({\_id:5,item:{name:"mn",code:"000"},qty:20,tags:[["A","B"],"C"]})

WriteResult({ "nInserted" : 1 })

> db.assign.find()

{ "\_id" : 1, "item" : { "name" : "ab", "code" : "123" }, "qty" : 15, "tags" : [ "A", "B", "C" ] }

{ "\_id" : 2, "item" : { "name" : "cd", "code" : "123" }, "qty" : 20, "tags" : [ "B" ] }

{ "\_id" : 3, "item" : { "name" : "ij", "code" : "456" }, "qty" : 25, "tags" : [ "A", "B" ] }

{ "\_id" : 4, "item" : { "name" : "xy", "code" : "456" }, "qty" : 30, "tags" : [ "B", "A" ] }

{ "\_id" : 5, "item" : { "name" : "mn", "code" : "000" }, "qty" : 20, "tags" : [ [ "A", "B" ], "C" ] }

> db.assign.find({"qty":{$gt:20}})

{ "\_id" : 3, "item" : { "name" : "ij", "code" : "456" }, "qty" : 25, "tags" : [ "A", "B" ] }

{ "\_id" : 4, "item" : { "name" : "xy", "code" : "456" }, "qty" : 30, "tags" : [ "B", "A" ] }

> db.assign.find({$or:[{"qty":{$gt:20}},{"item.name":{$in:["ij","ab","mn"]}}]})

{ "\_id" : 1, "item" : { "name" : "ab", "code" : "123" }, "qty" : 15, "tags" : [ "A", "B", "C" ] }

{ "\_id" : 3, "item" : { "name" : "ij", "code" : "456" }, "qty" : 25, "tags" : [ "A", "B" ] }

{ "\_id" : 4, "item" : { "name" : "xy", "code" : "456" }, "qty" : 30, "tags" : [ "B", "A" ] }

{ "\_id" : 5, "item" : { "name" : "mn", "code" : "000" }, "qty" : 20, "tags" : [ [ "A", "B" ], "C" ] }

> db.assign.find({$and:[{"qty":{$gt:20}},{"item.name":{$in:["ij","ab","mn"]}}]})

{ "\_id" : 3, "item" : { "name" : "ij", "code" : "456" }, "qty" : 25, "tags" : [ "A", "B" ] }

> db.assign.find({"item.name":{$in:["ij","ab","mn"]}})

{ "\_id" : 1, "item" : { "name" : "ab", "code" : "123" }, "qty" : 15, "tags" : [ "A", "B", "C" ] }

{ "\_id" : 3, "item" : { "name" : "ij", "code" : "456" }, "qty" : 25, "tags" : [ "A", "B" ] }

{ "\_id" : 5, "item" : { "name" : "mn", "code" : "000" }, "qty" : 20, "tags" : [ [ "A", "B" ], "C" ] }

> db.assign.find({"item.name":{$in:["ij"]}})

{ "\_id" : 3, "item" : { "name" : "ij", "code" : "456" }, "qty" : 25, "tags" : [ "A", "B" ] }