

updateQueries

17 Aralık 2021 Cuma 20:23

```
db.shoppingCart.update(
  {index:3},
  {
    $set:{
      cartId:NumberInt(325),
      customer:{
        name:"Mike Foster",
        email:"mfooster@mail.com",
        age:NumberInt(27)
      },
      cart:[]
    }
  }
)
```

db.shoppingCart.find()

db.shoppingCart.find({index:3})

```
db.shoppingCart.update(
  {index:1},
  {$set:{
    cartId:NumberInt(325),
    customer:{
      name:"Mike Foster",
      email:"mfooster@mail.com",
      age:NumberInt(27)
    },
    cart:[]
  }},
  {}
)
```

db.shoppingCart.find({index:1})

Unset

```
db.shoppingCart.update(
  {index:1},
  {
    $unset:{
      cartId:1,
      cart:""
    }
  },{}
)
```

```
db.shoppingCart.update(
  {index:1},
  {
    $unset:{
      "customer.name":1,
      "customer.age":1
    }
  }
)
```

```
{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e5"),
  "index" : 1,
  "customer" : {
    "email" : "mfooster@mail.com"
  }
}
```

```
db.shoppingCart.update(
  {index:1},
  {
```

```
    $unset:{
      customer:1
    }
  }
)
```

```
db.shoppingCart.update(
  {},
  {
    $unset:{
      customer:1
    }
  },{}
)
```

```
db.shoppingCart.update(
  {},
  {
    $set:{
      processed:false
    }
  },
  {}
)
```

```
db.shoppingCart.update(
  {},
  {
    $set:{
      processed:false
    }
  },
  {multi:true}
)
```

```
{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e5"),
  "index" : 1
}
```

Update ilk dökümanı günceller, index:2 güncellenmeyecektir.
Sadece index 1 güncellenecek.

```
{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e5"),
  "index" : 1,
  "processed" : false
}

/* 2 */
{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e6"),
  "index" : 2
}
```

```
{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e5"),
  "index" : 1,
  "processed" : false
}
{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e6"),
  "index" : 2,
  "processed" : false
}
{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e7"),
  "index" : 3,
  "cart" : [],
  "cartId" : 325,
  "customer" : {
    "name" : "Mike Foster",
    "email" : "mfoster@mail.com",
    "age" : 27
  }
}
```

```

    "processed" : false
  }
  {
    "_id" : ObjectId("61bcc67f7a7357a41369b3e8"),
    "index" : 4,
    "processed" : false
  }
  {
    "_id" : ObjectId("61bcc67f7a7357a41369b3e9"),
    "index" : 5,
    "processed" : false
  }
}

```

```

db.shoppingCart.update(
  {cartId:325},
  {
    $set:{
      processed:true
    }
  },
  {}
)

```

```

/* 3 */
{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e7"),
  "index" : 3,
  "cart" : [],
  "cartId" : 325,
  "customer" : {
    "name" : "Mike Foster",
    "email" : "mfoster@mail.com",
    "age" : 27
  },
  "processed" : true
}

```

```

db.shoppingCart.find({cartId:325})

```

```

/* 1 */
{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e7"),
  "index" : 3,
  "cart" : [],
  "cartId" : 325,
  "customer" : {
    "name" : "Mike Foster",
    "email" : "mfoster@mail.com",
    "age" : 27
  },
  "processed" : true
}

```

```

db.shoppingCart.update({cartId:325},
  {
    $set:{
      processed:false
    }
  },{})

```

Consistency için PROCESSED:FALSE yaptık

```

db.shoppingCart.updateMany(
  {cart:{$exists:false}},
  {
    $set:{
      cart:[]
    }
  }
)

```

Cart dizisini olmayanlara ekledi

```
}  
}  
)
```

```
db.shoppingCart.replaceOne(  
  {index:1},  
  {  
    index:1,  
    processed:true,  
    cart:[]  
  },  
  {}  
)
```

```
db.shoppingCart.replaceOne(  
  {index:1},  
  {  
    processed:false  
  },  
  {}  
)
```

\$set yok!

```
db.shoppingCart.replaceOne(  
  {"index":1},  
  {  
    "index":1,  
    "processed":true,  
    "cart":["item1","item2"]  
  },  
  {}  
)
```

```
db.shoppingCart.update(  
  {index:4},  
  {  
    $set:{  
      cartId:NumberInt(435),  
      "customer.name":"Samanta Larsen",  
      "customer.email":"slarsen@mail.com"  
    },  
  },  
)
```

```
db.shoppingCart.find({index:4})
```

```
$unset:{  
  newOrder:1  
}
```

```
}  
)
```

```
db.shoppingCart.updateMany(  
  {cartIdId:{$exists:true}},  
  {  
    $rename:{  
      cartId:"orderId",  
      anotherField:"anotherName"  
    }  
  }  
)
```

```

db.shoppingCart.updateMany(
  {orderId:{$exists:true}},
  {
    $rename:{
      orderId:"cartId"
    }
  }
)
/* 1 */
{
  "acknowledged" : true,
  "matchedCount" : 2.0,
  "modifiedCount" : 2.0
}

```

\$currentDate

```

db.shoppingCart.updateOne(
  {index:1},
  {
    $set:{
      updatedAt:new Date()
    }
  },
  {}
)

```

ÇALIŞMADI!

```

db.shoppingCart.updateMany(
  {updatedAt:{$exists:false}},
  {
    $currentDate:{
      updatedAt:true
    }
  },
  {}
)
{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e5"),
  "processed" : false,
  "updatedAt" : ISODate("2021-12-18T01:03:06.757Z")
}

```

```

db.shoppingCart.updateMany(
  {cartId:325},
  {
    $set:{
      cart:["item1"]
    },
    $currentDate:{
      updatedAt:true
    }
  },
  {}
)
{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e7"),
  "index" : 3,
  "cart" : [
    "item1"
  ],
  "customer" : {
    "name" : "Mike Foster",
    "email" : "mfoster@mail.com",
    "age" : 27
  },
  "processed" : false,
  "cartId" : 325,
  "updatedAt" : ISODate("2021-12-18T01:08:45.423Z")
}

```

```

db.shoppingCart.update(
  {_id:},
  {
    $set:{
      index:1,
      cartId:561
    }
  },
  {}
)

```

```

{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e5"),
  "processed" : false,
  "updatedAt" : ISODate("2021-12-18T01:03:06.757Z"),
  "cartId" : 561.0,
  "index" : 1.0
}

```

```

db.shoppingCart.update(
  {cartId:561},
  {
    $push:{
      cart:"item1"
    }
  },
  {}
)

```

```

{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e5"),
  "processed" : false,
  "updatedAt" : ISODate("2021-12-18T01:03:06.757Z"),
  "cartId" : 561.0,
  "index" : 1.0,
  "cart" : [
    "item1"
  ]
}

```

```

db.shoppingCart.update(
  {cartId:561},
  {
    $push:{
      cart:{$each:["item2","item3"]}
    }
  },
  {}
)

```

```

{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e5"),
  "processed" : false,
  "updatedAt" : ISODate("2021-12-18T01:03:06.757Z"),
  "cartId" : 561.0,
  "index" : 1.0,
  "cart" : [
    "item1",
    "item2",
    "item3"
  ]
}

```

```

db.shoppingCart.updateOne(
  {index:1},
  {
    $set:{
      cartId:NumberInt(561)
    },
    $unset:{
      cart:1
    }
  },
  {}
)

```

```

{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e5"),
  "processed" : false,
  "updatedAt" : ISODate("2021-12-18T01:03:06.757Z"),
  "cartId" : 561,
  "index" : 1
}

```

```

db.shoppingCart.updateOne(
  {index:1},
  {
    $push:{
      "cart":"item1"
    }
  }
)

```

```

{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e5"),
  "processed" : false,
  "updatedAt" : ISODate("2021-12-18T01:03:06.757Z"),
  "cartId" : 561,
  "index" : 1,
  "cart" : [
    "item1"
  ]
}

```

```

db.shoppingCart.updateOne(
  {cartId:561},
  {
    $push:{
      "cart":"item2"
    }
  },
  {}
)

```

```

{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e5"),
  "processed" : false,
  "updatedAt" : ISODate("2021-12-18T01:03:06.757Z"),
  "cartId" : 561,
  "index" : 1,
  "cart" : [
    "item1",
    "item2"
  ]
}

```

```

db.shoppingCart.updateOne(
  {cartId:561},
  {
    $push:{
      cart:{$each:["item3","item4","item5"]}
    }
  },
  {}
)

```

```

{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e5"),
  "processed" : false,
  "updatedAt" : ISODate("2021-12-18T01:03:06.757Z"),
  "cartId" : 561,
  "index" : 1,
  "cart" : [
    "item1",
    "item2",
    "item3",
    "item4",
    "item5"
  ]
}

```

```

db.shoppingCart.updateOne(
  {cartId:561},
  {
    $push:{
      cart:"item2"
    }
  }
)

```

```

{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e5"),
  "processed" : false,
  "updatedAt" : ISODate("2021-12-18T01:03:06.757Z"),
  "cartId" : 561,
  "index" : 1,
  "cart" : [
    "item1",
    "item2",
    "item3",
    "item4",
    "item5",
    "item2"
  ]
}

```

```

    $push:{
      cart:"item2"
    }
  },
  {}
)

```

```

    updatedAt : ISODate( 2021-12-18T01:03:06.757Z ),
    "cartId" : 561,
    "index" : 1,
    "cart" : [
      "item1",
      "item2",
      "item3",
      "item4",
      "item5",
      "item2"
    ]
  }
}

```

```

db.shoppingCart.update(
  {cartId:561},
  {
    $addToSet:{
      cart:"item1"
    }
  }
)

```

```

{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e5"),
  "processed" : false,
  "updatedAt" : ISODate("2021-12-18T01:03:06.757Z"),
  "cartId" : 561,
  "index" : 1,
  "cart" : [
    "item1",
    "item2",
    "item3",
    "item4",
    "item5",
    "item2"
  ]
}

```

```

db.shoppingCart.update(
  {cartId:561},
  {
    $addToSet:{
      cart:{$each:["item1","item2"]}
    }
  },
  {}
)

```

```

{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e5"),
  "processed" : false,
  "updatedAt" : ISODate("2021-12-18T01:03:06.757Z"),
  "cartId" : 561,
  "index" : 1,
  "cart" : [
    "item1",
    "item2",
    "item3",
    "item4",
    "item5",
    "item2"
  ]
}

```

```

db.shoppingCart.update(
  {cartId:561},
  {
    $unset:{
      cart:1
    }
  },
  {}
)

```

```

{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e5"),
  "processed" : false,
  "updatedAt" : ISODate("2021-12-18T01:03:06.757Z"),
  "cartId" : 561,
  "index" : 1
}

```



```

db.shoppingCart.updateOne(
  {cartId:561},
  {
    $addToSet:{
      cart:"item1"
    }
  },
  {}
)

```

```

{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e5"),
  "processed" : false,
  "updatedAt" : ISODate("2021-12-18T01:03:06.757Z"),
  "cartId" : 561,
  "index" : 1,
  "cart" : [
    "item1"
  ]
}

```

```

db.shoppingCart.updateOne(
  {cartId:561},
  {
    $addToSet:{
      cart:{$each:["item2","item3"]}
    }
  },
  {}
)

```

```

{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e5"),
  "processed" : false,
  "updatedAt" : ISODate("2021-12-18T01:03:06.757Z"),
  "cartId" : 561,
  "index" : 1,
  "cart" : [
    "item1",
    "item2",
    "item3"
  ]
}

```

\$pop

```

db.shoppingCart.updateOne(
  {cartId:561},
  {
    $pop:{cart:-1}
  },
  {}
)

```

```

{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e5"),
  "processed" : false,
  "updatedAt" : ISODate("2021-12-18T01:03:06.757Z"),
  "cartId" : 561,
  "index" : 1,
  "cart" : [
    "item2",
    "item3"
  ]
}

```

```

db.shoppingCart.updateOne(
  {cartId:561},
  {
    $pop:{cart:1}
  },
  {}
)

```

```

{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e5"),
  "processed" : false,
  "updatedAt" : ISODate("2021-12-18T01:03:06.757Z"),
  "cartId" : 561,
  "index" : 1,
  "cart" : [
    "item4",
    "item5"
  ]
}

```

```

db.shoppingCart.updateOne(
  {cartId:561},
  {
    $addToSet:{
      spentAmounts:{
        $each:["NumberInt(400)",
          "NumberInt(700)",
          "NumberInt(800)",
          "NumberInt(200)",
          "NumberInt(500)" ]
      }
    }
  }
)

```

```

{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e5"),
  "processed" : false,
  "updatedAt" : ISODate("2021-12-18T01:03:06.757Z"),
  "cartId" : 561,
  "index" : 1,
  "cart" : [
    "item4",
    "item5"
  ],
  "spentAmounts" : [
    "NumberInt(400)",
    "NumberInt(700)",
    "NumberInt(800)",
    "NumberInt(200)",
    "NumberInt(500)"
  ]
}

```

```

db.shoppingCart.updateOne(
  {cartId:561},
  {
    $pull:{
      cart:"item4",
      spentAmounts:{$gt:400}
    }
  },
  {}
)

```

Güncellemedi.pull çalışmadı!

```

db.shoppingCart.update(
  {cartId:561},
  {
    $pullAll:{
      cart:["item1","item2"]
    }
  },
  {}
)

```

```

db.shoppingCart.updateOne(
  {cartId:561},
  {
    $pullAll:{
      spentAmounts:[400,500]
    }
  }
)

```

```

db.shoppingCart.updateOne(
  {cartId:561, cart:"item2"},
  {
    $set:{
      "cart.$":"updatedItem2"
    }
  }
)

```

```

db.shoppingCart.updateOne(
  {cartId:561, cart:"updatedItem3"},
  {
    $unset:{
      "cart.$":1
    }
  },
  {}
)

```

```

{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e5"),
  "processed" : false,
  "updatedAt" : ISODate("2021-12-18T01:03:06.757Z"),
  "cartId" : 561,
  "index" : 1,
  "spentAmounts" : [
    800
  ],
  "cart" : [
    null
  ]
}

```

```

db.shoppingCart.updateOne(
  {cartId:561},
  {
    $pull:{
      cart:null
    }
  },
  {}
)

```

```

{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e5"),
  "processed" : false,
  "updatedAt" : ISODate("2021-12-18T01:03:06.757Z"),
  "cartId" : 561,
  "index" : 1,
  "spentAmounts" : [
    800
  ],
  "cart" : []
}

```

```

db.shoppingCart.updateOne(
  {cartId:561},
  {
    $set:{
      cart:[
        {
          "title":"TV",
          "price":NumberInt(340),
          "quantity":NumberInt(2)
        },
        {
          "title":"Phone",
          "price":NumberInt(150),
          "quantity":NumberInt(1)
        }
      ]
    }
  },
  {}
)

```

```

db.shoppingCart.updateOne(
  {"cart.title":"Phone"},
  {
    $set:{
      "cart.$.quantity":NumberInt(2)
    }
  },
  {}
)

```

```

{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e5"),
  "processed" : false,
  "updatedAt" : ISODate("2021-12-18T01:03:06.757Z"),
  "cartId" : 561,
  "index" : 1,
  "spentAmounts" : [
    800
  ],
  "cart" : [
    {
      "title" : "TV",
      "price" : 340,
      "quantity" : 2
    },
    {
      "title" : "Phone",
      "price" : 150,
      "quantity" : 2
    }
  ]
}

```

```

db.shoppingCart.updateOne(
  {cartId:456},
  {
    $push:{
      cart:{
        $each:[{"title":"TV"},{"title":"Phone"}]
      }
    }
  }
)

```

```

{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e6"),
  "index" : 2,
  "processed" : false,
  "cart" : [
    {
      "title" : "TV"
    },
    {
      "title" : "Phone"
    }
  ],
  "updatedAt" :
  ISODate("2021-12-18T01:03:06.757Z"),
  "cartId" : 456
}

```

```

db.shoppingCart.updateOne(
  {cartId:456, "cart.title":"Phone"},
  {
    $set:{
      "cart.$.price":NumberInt(150),
      "cart.$.quantity":NumberInt(2)
    }
  }
)

```

```

{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e5"),
  "processed" : false,
  "updatedAt" : ISODate("2021-12-18T01:03:06.757Z"),
  "cartId" : 561,
  "index" : 1,
  "spentAmounts" : [
    800
  ],
  "cart" : [
    {
      "title" : "TV",
      "price" : 340,
      "quantity" : 2
    },
    {
      "title" : "Phone",
      "price" : 150,
      "quantity" : 2
    }
  ]
}

```

```

db.shoppingCart.updateOne(
  {cart:{$elemMatch:{title:"Phone",price:150}}},
  {
    $set:{
      "cart.$.quantity":NumberInt(3)
    }
  }
)

```

```

{
  "_id" : ObjectId("61bcc67f7a7357a41369b3e5"),
  "processed" : false,
  "updatedAt" :
  ISODate("2021-12-18T01:03:06.757Z"),
  "cartId" : 561,
  "index" : 1,
  "spentAmounts" : [
    800
  ],
  "cart" : [
    {
      "title" : "TV",
      "price" : 340,
      "quantity" : 2
    }
  ]
}

```

```
    },  
    {  
      "title" : "Phone",  
      "price" : 150,  
      "quantity" : 3  
    }  
  ]  
}
```

\$inc

```
db.shoppingCart.updateOne(  
  {  
    cartId:561, "cart.title":"TV"  
  },  
  {  
    $inc:{  
      "cart.$.quantity" :NumberInt(5)  
    }  
  }  
)
```