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Mongodb-day3(...)

My Queries Performance Databases

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admin config day3

My Queries

Mongodb-day3(project) > day3 > user1

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Type a query: { field: 'value' } or [Generate query](#)

Explain Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

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```
>_MONGOSH
>
> db.user1.find({});
< {
  _id: ObjectId('66e27450e2eed2f5e7bc7f4b'),
  id: '1',
  product_name: 'Intelligent Fresh Chips',
  product_price: 655,
  product_material: 'Concrete',
  product_color: 'mint green'
}
{
  _id: ObjectId('66e27450e2eed2f5e7bc7f4c'),
  id: '2',
  product_name: 'Practical Fresh Sausages',
  product_price: 911,
  product_material: 'Cotton',
  product_color: 'indigo'
}
>_MONGOSH
Type "it" for more
> db.user1.find({ product_price: { $gte: 400, $lte: 800 } });
< {
  _id: ObjectId('66e27450e2eed2f5e7bc7f4b'),
  id: '1',
  product_name: 'Intelligent Fresh Chips',
  product_price: 655,
  product_material: 'Concrete',
  product_color: 'mint green'
}
{
  _id: ObjectId('66e27450e2eed2f5e7bc7f4d'),
  id: '3',
  product_name: 'Refined Steel Car',
  product_price: 690,
  product_material: 'Rubber',
  product_color: 'gold'
}
{
  _id: ObjectId('66e27450e2eed2f5e7bc7f4e'),
  id: '4',
  product_name: 'Gorgeous Plastic Pants',
  product_price: 492,
  product_material: 'Soft',
  product_color: 'plum'
}
}
>_MONGOSH
> db.user1.find({ product_price: { $not: { $gte: 400, $lte: 600 } } });
< {
  _id: ObjectId('66e27450e2eed2f5e7bc7f4b'),
  id: '1',
  product_name: 'Intelligent Fresh Chips',
  product_price: 655,
  product_material: 'Concrete',
  product_color: 'mint green'
}
{
  _id: ObjectId('66e27450e2eed2f5e7bc7f4c'),
  id: '2',
  product_name: 'Practical Fresh Sausages',
  product_price: 911,
  product_material: 'Cotton',
  product_color: 'indigo'
}
{
  _id: ObjectId('66e27450e2eed2f5e7bc7f4d'),
  id: '3',
  product_name: 'Refined Steel Car',
  product_price: 690,
  product_material: 'Rubber',
  product_color: 'gold'
}
}
```

Mongodb-day3(...)

My Queries

user1

+

Mongodb-day3(project) > day3 > user1

My Queries

```
>_MONGOSH
>
> db.user1.find({ product_price: { $gt: 500 } }).limit(4);
< {
  _id: ObjectId('66e27450e2eed2f5e7bc7f4b'),
  id: '1',
  product_name: 'Intelligent Fresh Chips',
  product_price: 655,
  product_material: 'Concrete',
  product_color: 'mint green'
}
{
  _id: ObjectId('66e27450e2eed2f5e7bc7f4c'),
  id: '2',
  product_name: 'Practical Fresh Sausages',
  product_price: 911,
  product_material: 'Cotton',
  product_color: 'indigo'
}
{
  _id: ObjectId('66e27450e2eed2f5e7bc7f4d'),
  id: '3',
  product_name: 'Refined Steel Car',
  product_price: 690,
  product_material: 'Rubber',
  product_color: 'gold'
}
}
```

Atlas atlas-m6ei2h-shard-0 [primary] day3

Mongodb-day3(...)

My Queries

user1

+

Mongodb-day3(project) > day3 > user1

My Queries

```
>_MONGOSH
>
> db.user1.find({}, { product_name: 1, product_material: 1, _id: 0 });
< {
  product_name: 'Intelligent Fresh Chips',
  product_material: 'Concrete'
}
{
  product_name: 'Practical Fresh Sausages',
  product_material: 'Cotton'
}
{
  product_name: 'Refined Steel Car',
  product_material: 'Rubber'
}
{
  product_name: 'Gorgeous Plastic Pants',
  product_material: 'Soft'
}
{
  product_name: 'Sleek Cotton Chair',
  product_material: 'Fresh'
}
{
  product_name: 'Awesome Wooden Towels',
  product_material: 'Plastic'
}
{
```

>\_MONGOSH

```
{
  product_name: 'Incredible Metal Car',
  product_material: 'Fresh'
}
{
  product_name: 'Licensed Plastic Bacon',
  product_material: 'Steel'
}
{
  product_name: 'Intelligent Cotton Chips',
  product_material: 'Soft'
}
{
  product_name: 'Handcrafted Wooden Bacon',
  product_material: 'Concrete'
}
```

Type "it" for more

> db.user1.find({ id: "10" });

```
< {
  _id: ObjectId('66e27450e2eed2f5e7bc7f54'),
  id: '10',
  product_name: 'Generic Wooden Pizza',
  product_price: 84,
  product_material: 'Frozen',
  product_color: 'indigo'
}
```

Atlas atlas-m6ei2h-shard-0 [primary] day3>

My Queries

>\_MONGOSH

> db.user1.find({}, { product\_name: 1, product\_material: 1, id: 0 });

✖ MongoServerError[Location31254]: Cannot do exclusion on field id in inclusion projection

> db.user1.find({}, { product\_name: 1, product\_material: 1, \_id: 0 });

```
< {
  product_name: 'Intelligent Fresh Chips',
  product_material: 'Concrete'
}
{
  product_name: 'Practical Fresh Sausages',
  product_material: 'Cotton'
}
{
  product_name: 'Refined Steel Car',
  product_material: 'Rubber'
}
{
  product_name: 'Gorgeous Plastic Pants',
  product_material: 'Soft'
}
{
  product_name: 'Sleek Cotton Chair',
  product_material: 'Fresh'
}
{
  product_name: 'Awesome Wooden Towels',
  product_material: 'Plastic'
}
```

```
Mongodb-day3(...) My Queries user1 X +
Mongodb-day3(project) > day3 > user1

>_MONGOSH
>
> db.user1.find({ product_material: "Soft" });
< [
  {
    _id: ObjectId('66e27450e2eed2f5e7bc7f4e'),
    id: '4',
    product_name: 'Gorgeous Plastic Pants',
    product_price: 492,
    product_material: 'Soft',
    product_color: 'plum'
  },
  {
    _id: ObjectId('66e27450e2eed2f5e7bc7f53'),
    id: '9',
    product_name: 'Awesome Wooden Ball',
    product_price: 28,
    product_material: 'Soft',
    product_color: 'azure'
  },
  {
    _id: ObjectId('66e27450e2eed2f5e7bc7f55'),
    id: '11',
    product_name: 'Unbranded Wooden Cheese',
    product_price: 26,
    product_material: 'Soft',
    product_color: 'black'
  }
]
```

Mongodb-day3(...) My Queries user1 X +

Mongodb-day3(project) > day3 > user1

Documents 25 Aggregations Schema Indexes 1 Validation

{ product\_color: "indigo", product\_price: 492.00 }

Generate query Explain Reset Find Options

ADD DATA EXPORT DATA UPDATE DELETE

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```
>_MONGOSH
>
>
>
> db.user1.find({ product_color: "indigo", product_price: 492.00 });
Atlas atlas-m6ei2h-shard-0 [primary] day3>
```

Mongodb-day3(...) My Queries user1 X +

Mongodb-day3(project) > day3 > user1

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1 - 20 of 24

```
{
  _id: ObjectId('66e27450e2eed2f5e7bc7f4b'),
  id: "1",
  product_name: "Intelligent Fresh Chips",
  product_price: 655,
  product_material: "Concrete",
  product_color: "mint green"
}
```

```
>_MONGOSH
>
> db.user1.find({ product_color: "indigo", product_price: 492.00 });
> db.user1.deleteMany({ product_price: 28 });

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