

MongoDB Compass - DataBase/Learning/Products

Connect Edit View Collection Help

DataBase ...

Databases Products X +

DataBase > Learning > Products

My Queries Documents 25 Aggregations Schema Indexes 1 Validation

Performance

>_MONGOOSH

```
> db.Products.find()
< {
  "_id": ObjectId('669627095a8b37b63943b5c5'),
  "id": '1',
  "product_name": 'Intelligent Fresh Chips',
  "product_price": 655,
  "product_material": 'Concrete',
  "product_color": 'mint green'
}
{
  "_id": ObjectId('669627095a8b37b63943b5c6'),
  "id": '2',
  "product_name": 'Practical Fresh Sausages',
  "product_price": 911,
  "product_material": 'Cotton',
  "product_color": 'indigo'
}
{
  "_id": ObjectId('669627095a8b37b63943b5c7'),
  "id": '3',
  "product_name": 'Refined Steel Car',
  "product_price": 698,
  "product_material": 'Rubber',
  "product_color": 'gold'
}
}
```

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DataBase > Learning > Products

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Performance

>_MONGOOSH

```
> db.Products.find({product_price:{$gt:400,$lt:800}})
< {
  "_id": ObjectId('669627095a8b37b63943b5c5'),
  "id": '1',
  "product_name": 'Intelligent Fresh Chips',
  "product_price": 655,
  "product_material": 'Concrete',
  "product_color": 'mint green'
}
{
  "_id": ObjectId('669627095a8b37b63943b5c7'),
  "id": '3',
  "product_name": 'Refined Steel Car',
  "product_price": 698,
  "product_material": 'Rubber',
  "product_color": 'gold'
}
{
  "_id": ObjectId('669627095a8b37b63943b5c8'),
  "id": '4',
  "product_name": 'Gorgeous Plastic Pants',
  "product_price": 492,
  "product_material": 'Soft',
  "product_color": 'plum'
}
}
```

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DataBase > Learning > Products

My Queries Documents 25 Aggregations Schema Indexes 1 Validation

Performance

```
>_MONGOOSH
>type: "text" for more
>db.Products.find({product_price:{$not:{$gt:400,$lt:600}}})
< {
  _id: ObjectId('669627095a8b37b63943b5c5'),
  id: '1',
  product_name: 'Intelligent Fresh Chips',
  product_price: 655,
  product_material: 'Concrete',
  product_color: 'mint green'
}
{
  _id: ObjectId('669627095a8b37b63943b5c6'),
  id: '2',
  product_name: 'Practical Fresh Sausages',
  product_price: 911,
  product_material: 'Cotton',
  product_color: 'indigo'
}
{
  _id: ObjectId('669627095a8b37b63943b5c7'),
  id: '3',
  product_name: 'Refined Steel Car',
  product_price: 690,
  product_material: 'Rubber',
  product_color: 'gold'
}
```

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Databases Products X +

DataBase > Learning > Products

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Performance

```
>_MONGOOSH
>db.Products.find({product_price:{$gt:500}}).limit(4)
< {
  _id: ObjectId('669627095a8b37b63943b5c5'),
  id: '1',
  product_name: 'Intelligent Fresh Chips',
  product_price: 655,
  product_material: 'Concrete',
  product_color: 'mint green'
}
{
  _id: ObjectId('669627095a8b37b63943b5c6'),
  id: '2',
  product_name: 'Practical Fresh Sausages',
  product_price: 911,
  product_material: 'Cotton',
  product_color: 'indigo'
}
{
  _id: ObjectId('669627095a8b37b63943b5c7'),
  id: '3',
  product_name: 'Refined Steel Car',
  product_price: 690,
  product_material: 'Rubber',
  product_color: 'gold'
}
```

MongoDB Compass - DataBase/Learning.Products

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Databases Products X +

DataBase > Learning > Products

My Queries Documents 25 Aggregations Schema Indexes 1 Validation

Performance

```
>_MONGOOSH
> db.Products.find({}, {product_name:1, product_material:1})
< [
  {
    _id: ObjectId('669627095a8b37b63943b5c5'),
    product_name: 'Intelligent Fresh Chips',
    product_material: 'Concrete'
  },
  {
    _id: ObjectId('669627095a8b37b63943b5c6'),
    product_name: 'Practical Fresh Sausages',
    product_material: 'Cotton'
  },
  {
    _id: ObjectId('669627095a8b37b63943b5c7'),
    product_name: 'Refined Steel Car',
    product_material: 'Rubber'
  },
  {
    _id: ObjectId('669627095a8b37b63943b5c8'),
    product_name: 'Gorgeous Plastic Pants',
    product_material: 'Soft'
  },
  {
    _id: ObjectId('669627095a8b37b63943b5c9'),
    product_name: 'Sleek Cotton Chair',

```

MongoDB Compass - DataBase/Learning.Products

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DataBase ...

Databases Products X +

DataBase > Learning > Products

My Queries Documents 25 Aggregations Schema Indexes 1 Validation

Performance

```
>_MONGOOSH
> db.Products.find({id:{$eq:"10"}})
< [
  {
    _id: ObjectId('669627095a8b37b63943b5ce'),
    id: '10',
    product_name: 'Generic Wooden Pizza',
    product_price: 84,
    product_material: 'Frozen',
    product_color: 'indigo'
  }
]
Learning>
```

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DataBase ...

Databases Products X +

DataBase > Learning > Products

My Queries Documents 25 Aggregations Schema Indexes 1 Validation

Performance

>_MONGOOSH

```
> db.Products.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'
  }
]
```

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DataBase > Learning > Products

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Performance

>_MONGOOSH

```
> db.Products.find({product_material:'Soft'})
< [
  {
    _id: ObjectId('669627095a8b37b63943b5c8'),
    id: '4',
    product_name: 'Gorgeous Plastic Pants',
    product_price: 492,
    product_material: 'Soft',
    product_color: 'plum'
  },
  {
    _id: ObjectId('669627095a8b37b63943b5cd'),
    id: '9',
    product_name: 'Awesome Wooden Ball',
    product_price: 28,
    product_material: 'Soft',
    product_color: 'azure'
  },
  {
    _id: ObjectId('669627095a8b37b63943b5cf'),
    id: '11',
    product_name: 'Unbranded Wooden Cheese',
    product_price: 26,
    product_material: 'Soft',
    product_color: 'black'
  }
]
```

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Databases Products X +

DataBase > Learning > Products

My Queries Documents 25 Aggregations Schema Indexes 1 Validation

Performance

>_MONGOOSH

```
db.Products.find({$or:[{product_color:'indigo'},{product_price:'492.00'}]})
```

```
{
  "_id": ObjectId('669627095a8b37b63943b5c6'),
  "id": '2',
  "product_name": 'Practical Fresh Sausages',
  "product_price": 911,
  "product_material": 'Cotton',
  "product_color": 'indigo'
}
{
  "_id": ObjectId('669627095a8b37b63943b5c6'),
  "id": '10',
  "product_name": 'Generic Wooden Pizza',
  "product_price": 84,
  "product_material": 'Frozen',
  "product_color": 'indigo'
}
{
  "_id": ObjectId('669627095a8b37b63943b5d5'),
  "id": '17',
  "product_name": 'Incredible Metal Car',
  "product_price": 36,
  "product_material": 'Fresh',
  "product_color": 'indigo'
}
```

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>_MONGOOSH

```
db.Products.aggregate([{$group: {_id: '$product_price',count: { $sum: 1}}},
{$match: {count: { $gt: 1}}}],forEach((e) => {
db.Products.deleteMany({ product_price: e._id });
db.Products.find()})
```

```
{
  "_id": ObjectId('669627095a8b37b63943b5c5'),
  "id": '1',
  "product_name": 'Intelligent Fresh Chips',
  "product_price": 655,
  "product_material": 'Concrete',
  "product_color": 'mint green'
}
{
  "_id": ObjectId('669627095a8b37b63943b5c6'),
  "id": '2',
  "product_name": 'Practical Fresh Sausages',
  "product_price": 911,
  "product_material": 'Cotton',
  "product_color": 'indigo'
}
{
  "_id": ObjectId('669627095a8b37b63943b5c7'),
  "id": '3',
  "product_name": 'Refined Steel Car',
  "product_price": 690,

```