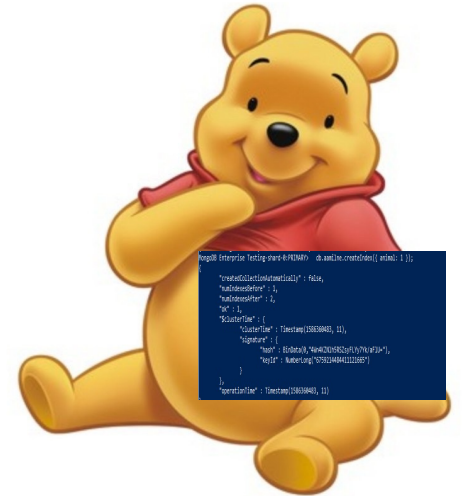


Winnie the Pooh and Databases too!

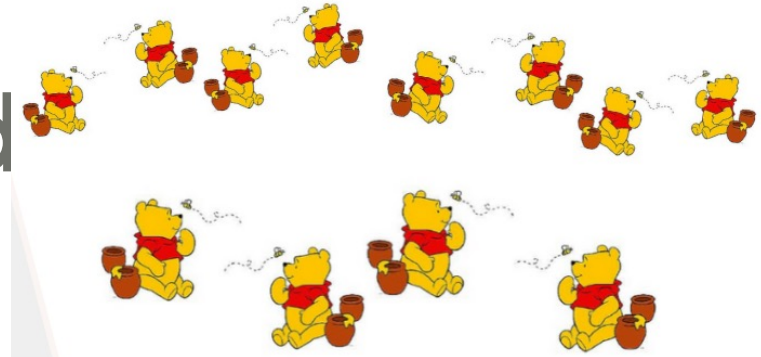


Creating a Collection

```
db.CollectionName.insertMany([{
```

- You don't have to go out of your way to set the collection and then fill it
- Can also use insertOne if you'd prefer

Keep yourself Organized



```
db.aamilne.insertMany([
  {
    name: "Pooh Bear",
    animal: "bear",
    location: "hundred acre woods",
    info: { book: true, saying: "oh bother"}
  },
  {
    name: "Piglet",
    animal: "pig",
    location: "hundred acre woods",
    info: { book: true, saying: "oh dear or dear"}
  },
  {
    name: "Eyeore",
    animal: "donkey",
    location: "hundreds",
    info: { book: true, saying: "thanks for noticing"}
  },
  {
    name: "Christopher Robin",
    animal: "human",
    location: "hundreds",
    info: { book: true, saying: "tut tut it looks like rain"}
  }
]);
```

\$set

- Replace a value with something else
- Use in conjunction with updateOne or updateMany

```
db.aamilne.updateOne(  
  { name: "Christopher Robin" },  
  { $set: { location: "school" } }  
);
```

\$unset

- Delete a field
- Use with updateOne or UpdateMany

```
db.aamilne.updateMany({}, { $unset: { location: "" } });
```

UpdateMany

`db.CollectionName.updateMany(filter, update)`

- Filter -> how you select what you're updating
- Update -> the actual change you're making
 - Using \$set

```
db.aamilne.updateMany(  
  { "info.book": true },  
  { $set: { location: "hundred acre woods", "info.book": false } }  
);
```

CreateIndex

```
db.CollectionName.createIndex({field : 1})
```

- 1 for ascending index
- -1 for descending index
- The number is NOT related to a value in the field

Embedded Fields

- When you have more than one field in a category

```
{  
  name: "Christopher Robin",  
  animal: "human",  
  location: "hundred acre woods",  
  info: { book: true, saying: "tut tut it looks like rain"}  
}
```

- Like sub-categories
- Takes on the name of
CategoryName.FieldName

\$rename

\$rename: {oldName : "NewName"}

- Can use it to change names or change positions in embedded fields

```
db.aamilne.updateMany({}, { $rename: { "info.saying": "saying" } });
```

You're braver
than you believe,
stronger than you
seem, and smarter
than you think.

Winnie the Pooh



thewanderingreader.tumblr