



A Tiny MongoDB Browser Shell

Just enough to scratch the surface (mini tutorial included)

```
> var myAge = 21
```

```
> tripple = myAge * 3
```

```
> print tripple
```

```
JS Error: SyntaxError: Unexpected identifier
```

```
> print(tripple)
```

```
63
```

```
> next
```

2. Documents

MongoDB is a document database. This means that we store data as documents, which are similar to JavaScript objects. Here below are a few sample JS objects:

```
var a = {age: 25};
```

```
var n = {name: 'Ed', languages: ['c', 'ruby', 'js']};
```

```
var student = {name: 'Jim', scores: [75, 99, 87.2]};
```

Create some documents, then enter 'next'

```
> |
```



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X CLOSE

```
> db.things.insert( k )
"ok"
> show collections
[
]
> db.things.find()
[
  { "name": "mongo", "id": { "$oid": "5147d356cc93742c160343bf" } },
  { "x": 3, "id": { "$oid": "5147d361cc93742c160343c0" } }
]
> next
3. Saving
Here's how you save a document to MongoDB:
```

Agile and Scalable

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```
"ok"
> db.ages.save({awg: 22});
"ok"
> db.ages.find();
JS Error: SyntaxError: Unexpected token :
> db.ages.find();

[
  { "_id" : { "$oid" : "5147d3dbcc93742c160343cf" }, "bns" : 21 },
  { "_id" : { "$oid" : "5147d406cc93742c160343d1" }, "tss" : 19 },
  { "_id" : { "$oid" : "5147d417cc93742c160343d2" }, "las" : 47 },
  { "_id" : { "$oid" : "5147d424cc93742c160343d3" }, "sas" : 49 },
  { "_id" : { "$oid" : "5147d436cc93742c160343d5" }, "awg" : 22 }
]
> next
4. Saving and Querying
```

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```
{
  "exam": 5,
  "a": 1,
  "_id": {
    "$oid": "5147d484cc93742c160343d7"
  },
  "exam": 5,
  "a": 4,
  "_id": {
    "$oid": "5147d484cc93742c160343d8"
  },
  "exam": 5,
  "a": 5,
  "_id": {
    "$oid": "5147d484cc93742c160343d9"
  },
  "exam": 5,
  "a": 3,
  "_id": {
    "$oid": "5147d484cc93742c160343da"
  },
  "exam": 5,
  "a": 2,
  "_id": {
    "$oid": "5147d484cc93742c160343db"
  },
  "exam": 5,
  "a": 0,
  "_id": {
    "$oid": "5147d484cc93742c160343dc"
  },
  "exam": 5,
  "a": 6,
  "_id": {
    "$oid": "5147d484cc93742c160343dd"
  },
  "exam": 5,
  "a": 7,
  "_id": {
    "$oid": "5147d484cc93742c160343de"
  },
  "exam": 5,
  "a": 9,
  "_id": {
    "$oid": "5147d484cc93742c160343df"
  },
  "exam": 5,
  "a": 8,
  "_id": {
    "$oid": "5147d484cc93742c160343e0"
  }
}
> it
[
]
> next
5. Basic Queries
```

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- **Document-Oriented Storage** »

JSON-style documents with dynamic schemas offer simplicity and power

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X CLOSE

```
> db.scores.find({a: {'$gt': 15}});  
[  
]  
> db.scores.find({a: 17});  
[  
]  
> db.scores.find({a: 5});  
[  
  { "exam" : 5, "a" : 5, "_id" : { "$oid" : "5147d484cc93742c160343d9" } }  
]  
> next  
6. Query Operators
```

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