



mongoDB

the infinitely scalable

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About me

```
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```

Agenda

- What is MongoDB?
- Use cases
- Production deployments
- Hands on tour

What is this thing?

- Document oriented database
- Advanced query support
- Native sharding
- Screaming fast
- FOSS + commercial support

Document? What?

```
1 { "_id" : ObjectId("4d304e9cf5e4566f5f3e8faa"),
2   "title" : "This is a test post",
3   "body" : "I had fund today with MongoDB",
4   "author" : "Ford Prefect",
5   "posted_at" : "Fri Jan 14 2011 18:54:44 GMT+0530 (IST)",
6   "comments" : [
7     {
8       "author" : "Ajay Kumar Chauhan",
9       "body" : "Wow! Congrats!",
10      "posted_at" : "Fri Jan 14 2011 18:54:44 GMT+0530 (IST)",
11      "approved" : true
12    }
13  ],
14  "tags" : [ "fun", "general" ] }
```

Use cases

- Great for “web-stuff”
- High speed logging
- Data warehousing
- Storing binary files via GridFS

Production use

- bit.ly
- SourceForge
- Foursquare
- Etsy
- Paisa!

Paisa stats

- Number of documents - ~54 million
- DB size - ~80GiB
- Index Size - ~6GiB
- No. of nodes - 2

Demo time

What's in store?

- A simple blogging engine
- Simple CRUD operations
- Bonus: A nice web-interface!

Resources

mongodb.com

Questions?



Infinitely**Beta**

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