



MongoDB Training Agenda

Developer Training, Part I: Day 1

Introduction to MongoDB

- What is MongoDB and Why?
 - Core concepts
 - Environments
 - Documentation
- Different deployment models
- JSON
- Installation

CRUD and the MongoDB Shell

- Introduction to the MongoDB API and the core concepts of documents and collections

Indexing and Schema Design

- Indexing, query profiling and the query optimizer
- Some schema design case studies
- Practice modeling various domains
- Schemas for atomic operations

Developer Training, Part II: Day 2

Drivers

- How the drivers work in general
- Driver APIs with examples

Replication

- Overview of replication
- Setting up replica sets

Sharding

- Overview of sharding
- How sharding affects application design

Performance Troubleshooting

- Getting information about MongoDB
- Performance indicators

Additional Topics as Time and Interest Permit

- GeoSpatial Indexes
- GridFS
- Aggregation

Q & A and Hands-on Work