

In this lecture, we will discuss...

- ✧ Install MongoDB
- ✧ Configure MongoDB
- ✧ Start MongoDB - `mongod`
- ✧ Launch MongoDB shell - `mongo`

MongoDB Installation Steps

<https://www.mongodb.org/downloads>

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Supports all platforms

- ✧ Step 1: Download MongoDB (msi)
- ✧ Step 2: Mongo needs a default data folder (**very important step**)
 - Ex: /data/db or C:\data\db
 - **Note:** You can pick any folder but will need to provide the path while starting MongoDB



Helpful Configuration

- ✧ Journaling in MongoDB – allocates 3GB upfront
 - Write-ahead **logging** to **guarantee write operations**
- ✧ For **casual** development, turn off (maybe?)
- ✧ Setting "**nojournal=true**" in mongod.conf will keep mongo from **claiming** this space for write-ahead journaling : `mongod --config /etc/mongod.conf`

Note: Do **not** turn off journaling in production system



Starting MongoDB

- ✧ Open a CMD window and go to the `$mongo_install/bin` folder
- ✧ Step 1 : Start mongoDB
 - `mongod`
- ✧ Step 2 : Start mongo shell
 - `mongo` - [reference](#)
- ✧ *Note: If your db path is not the default, make sure to launch with this command - `mongod -dbpath /<path>`*
 - Directory **needs** to have **write permission**



Summary

- ✧ MongoDB supports all OS
- ✧ MongoDB needs data folder
- ✧ Starting MongoDB - **mongod**
- ✧ Launching MongoDB shell – **mongo**

What's Next?

- ✧ MongoDB Basics

