Installation

Install XCode	xcode-select --install
Homebrew tap	brew tap mongodb/brew
Homebrew update	brew update
Homebrew install latest	brew install mongodb-community
Homebrew install specific version	brew install mongodb-community@6.0
configuration file	/usr/local/etc/mongod.conf
log directory	/usr/local/var/log/mongodb
create data directory	/usr/local/var/mongodb

/usr/local/etc/mongod.conf

processManagement:
  fork: true
net:
  bindIp: localhost
  port: 27017
storage:
  dbPath: /usr/local/var/mongodb
systemLog:
  destination: file
  path: "/usr/local/var/log/mongodb/mongod.log"
  logAppend: true
storage:
  journal:
    enabled: true

clients

Terminal	mongosh
Studio 3T	MongoDB Compass
Robo 3T	NoSQLBooster
HumongouS.io	NoSQL Manager
DronaHQ	MongoDB Database Tools

Is MongoDB Running?

check if running on port	lsof -i tcp:27017
check if process running	ps -ax	grep mongo

MongoDB Community Edition as service

start mongo db service	brew services start mongodb-community
start specific mongo db version	brew services start mongodb-community@6.0
stop mongo db service	brew services stop mongodb-community

MongoDB Community Manual

start manually	mongod --config /usr/local/etc/mongod.conf --fork
stop mongdb step 1	mongsh
stop mongodb step 2	use admin
stop mongodb step 3	db.shutdown()

Troubleshooting

Client Connection Refused Error	MongoDB is not running
MongoDB cannot run on port	sudo rm /tmp/mongodb-27017.sock
Check logs	cat /usr/local/var/log/mongodb/mongod.log
MongoDB Cannot run missing data directory	mkdir /usr/local/var/mongodb
MacOS Prevents mongosh Running	System Prefereces > Security & Privacy > General > Open Anyway or Allow Anyway