**INSTALASI MONGO DATABASE:**

Disini saya menuliskan cara instalasi mongo dengan menggunakan server Centos dan OS Manjaro. Berikut langkah - langkah instalasi di server centos:

1. **. ADD REPO**

*- su* masuk ke super user

*- nano /etc/yum.repos.d/mongodb-org-4.4.repo* buat 1 file repo

setetah itu paste kode berikut ke dalam mongodb-org-4.4.repo

[mongodb-org-4.4]

name=MongoDB Repository

baseurl=https://repo.mongodb.org/yum/redhat/$releasever/mongodb-org/4.4/x86\_64/

gpgcheck=1

enabled=1

gpgkey=https://www.mongodb.org/static/pgp/server-4.4.asc

1. . **INSTALL MONGO APP**

*- yum install -y mongo-db*

1. **. START AND ENABLE SERVICE**

*- systemctl start mongod.service*

*- systemctl enable mongod.service*

Berikut langkah - langkah instalasi di OS Manjaro:

1. **. INSTALL MONGO APP**

*- git clone <https://aur.archlinux.org/mongodb-bin.git>*

*- cd mongodb-bin*

*- makepkg -si* -s flag will handle the dependencies, -i flag will install the package

1. **. START AND ENABLE SERVICE**

*- systemctl start mongodb.service*

*- systemctl enable mongodb.service*

Setelah selesai melakukan proses instalasi, anda bisa membuat direktori untuk menyimpan hasil dokumen. Lakukan perintah berikut:

*- mkdir -p directoryName/db*

*- mongod --dbpath directoryName/db* run server database

Berikut adalah beberapa kebutuhan yang mungkin bisa digunakan untuk mengexplore mongodb.

1. **. BASIC COMMAND**

*- mongo* masuk ke mongo shell

*- db* current database

*- show dbs* print a list of all database on the server

*- use <db>* switch current database to <db>

*- show collections* print a list of all collections for current database

1. **. CREATE COLLECTION**

*- db.createCollection(“collection”);*

1. **. INSERT DATA**

*- db.collection.insert({name:”Admin”, password:”Admin”});*

1. **. FIND COLLECTION**

*- db.collection.find();*

*- db.collection.find().pretty();* show list data collection (lebih rapi)

*- db.collection.find().sort({“id”:1});* orderby id ASC

*- db.collection.find().sort({“id”:-1});* orderby id DESC

*- db.collection.find().limit(1);* limit 1

*- db.collection.find({id:{$lt:10}});* where id < 10

*- db.collection.find({id:{$lte:10}});* where id <= 10

*- db.collection.find({id:{$gt:10}});* where id > 10

*- db.collection.find({id:{$gte:10}});* where id >= 10

*- db.collection.find({id:{$in:[1,2]}});* where id in(1,2)

*- db.collection.find({id:{$nin:[1,2]}});* where id not in(1,2)

1. **. REMOVE COLLECTION**

*- db.collection.remove({id:”001”});*

1. **. MILLISECOND TO DATE**

- *db.collection.aggregate([{*

*$project: {*

*created\_at: {*

*$toDate: {*

*$convert: {*

*input: {*

*$concat: [{$toString: "$created\_at"},"000"]*

*},*

*to: "long",*

*}*

*}*

*}*

*}*

*}])*