Download NOSQLBooster for mongoDB

>> install >> open it

Click at Connect >> URL

Default URL to connect with mongoDB

Mongodb://localhost:27017

SQL SERVER MONGODB

Database Database

Table Collection

Row Document

* Data Will be stored in JSON Document
* Document can have sub documents

{

“property”:”value”,

“property”:”value”,

“property:”value”

}

Ex :

{

“Eid”:”1001”,

“Ename”:”Rita”,

“Salary”:”4000”,

“MngrId”:”1004”,

“DeptId”:”20”

}

Ex2:

{

“DeptId”:”10”,

“DeptName”:”HR”

}

* A database will be shown in list only when it is having atleast 1 collection

{

“EID” : “1001”

“Ename “ :”Riya”

Certif :[

{“name”:”MCA”, “year”:”2010”},

{“name”:”MCSD”, “year”:”2012”},

{“name”:”MCT”, “year”:”2015”}

]

“Companies” : [“CTS”,”WIPRO”,”TECHM”]

“Exp”:”10”

}

Session content

createCollection()

insert()

insertMany()

find()

update()

updateMany()

Delete()

DeleteMany()

$push

$pop

$eq, $lt, $gt ,..

use HanuDB

show dbs

db.createCollection("Employee")

show collections

db.Department.insert({"DeptId":"10","DeptName":"HR"})

db.Department.insert({"DeptId":"20","DeptName":"Sales","Location":"Delhi"})

// Insert more than one document

db.Department.insertMany([

{"DeptId":"30"},

{"DeptName":"Test"},

{"DeptId":"50","DeptLocation":"Hyd"}

])

// to display the documents in a collection

db.Department.find()

{

"Id":"1001",

"BookName":"Web Api",

"Description":"Web Apiet Reference Book",

"AuthorName":["Sonu","Swapnil","Rama","Ayush"],

"Year":"2014",

"Price":"320",

"Comments":[

{

"Email" : "Ramak@K.com",

"Comment" : "Nice Book for .Net API Core",

"Date": "2/2/2014"

},

{

"Email" : "sree@rama.com",

"Comment : "Good content Book",

"Date": "2/2/2018"

}

]

}

db.Employee.insert(

{

"EID": "1004",

"Ename" :"Sita",

"Certif":[

{"name":"MCOM", "year":"2014"},

{"name":"MBA", "year":"2017"},

],

"Companies":["Capgemini","TECHM"],

"Exp":"10"

})

db.Employee.find()

db.Employee.find({"EID":"1004"})

db.Employee.find({"EID":{$gte:"1003"}})

// Display the employees having expirience less than 6 years

db.Employee.find({"Exp":{$lte:6}})

db.Employee.find({"Certif.name":{$eq:"MCA"}})

db.Employee.find({

$and:[

{"Certif.name":{$eq:"MBA"}},

{"Certif.name":{$eq:"MCA"}}

]

})

update() - used to update the property values

update({conditio},{$set:{jsonObject}})

db.Employee.find()

db.Employee.update({"EID":{$eq:"1004"}},{$set:{"Salary":2800}})

db.Employee.update({"EID":"1004"},{$set:{"Exp":"14"}})

push() - used to push new values into an array property

{ $push: { <field1>: <value1>, ... } }

db.Employee.update(

{"EID":"1004"},

{$push:{"Companies":"HCL"}}

)

db.Employee.update(

{"EID":"1004"},

{$pop:{"Companies":1}}

)

db.Employee.deleteMany({condition})

db.Employee.deleteMany({"EID":"1003"})