* retrival time for mongodb takes less time using BSON Binary JSON.(which is a format lke Json).in mongodb it will insert in json format in backend it will in bson format.

Applications

* in mongodb we store in the form of collections.
* if there is any crash in db in this it takes less time to get back.
* security.

1.Here table colections

2.row->documents

* When in update upsert is true it is used to update the value based on condition if there is no such data in the condition presect Then iT will insert both data.
* False will not update or insert if no such data present in condition is not present in collection
* Particular field ->update
* Entire->replace

1)find age>21

college> db.test.find({"age":{$gt:"21"}})

[

{

\_id: ObjectId('67318c14c0e2c438c7cdcdf6'),

name: 'Ram',

dept: 'Cse',

age: '23'

},

{

\_id: ObjectId('67318cf8c0e2c438c7cdcdf7'),

name: 'Sanjay',

dept: 'Cse',

age: '23'

}

]

2) college> db.test.find()

[

{

\_id: ObjectId('67318c14c0e2c438c7cdcdf6'),

name: 'Ram',

dept: 'Cse',

age: '23'

},

{

\_id: ObjectId('67318cf8c0e2c438c7cdcdf7'),

name: 'Sanjay',

dept: 'Cse',

age: '23'

},

{

\_id: ObjectId('67318cf8c0e2c438c7cdcdf8'),

name: 'Krishna',

dept: 'ece',

age: '20'

}

3)

test> use college;

switched to db college

college> db.test.insert({"name":"Ram","dept":"Cse","age":"23"})

DeprecationWarning: Collection.insert() is deprecated. Use insertOne, insertMany, or bulkWrite.

{

acknowledged: true,

insertedIds: { '0': ObjectId('67318c14c0e2c438c7cdcdf6') }

}

**Steps to jdbc connectivity:->to communicate the app with db an intermediate jdbc is used**

**1)**Import libraries

2)import/load drivers->here we skipped bze it’s a java program(after java8 this is not used)

Connection(need create relation between mongo and java)

Specify the db name

3)create collection(table)

4)create the statements(insert,update,find)/documents

5)execute/list the statements/document

List the documents->find(by iterating in java) to display in java

6)close the connection

// to build ->run

Mvn clean insatll