

INICIALIZAMOS LA CONEXIÓN CON LA BBDD

```

Símbolo del sistema - mongod
Microsoft Windows [Versión 10.0.16299.64]
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C:\Users\Nesi>mongod
2020-05-13T12:35:56.234+0100 I CONTROL [main] Automatically disabling TLS 1.0, to force-enable TLS 1.0 specify --sslDisabledProtocols 'none'
2020-05-13T12:35:57.071+0100 W ASIO [main] No TransportLayer configured during NetworkInterface startup
2020-05-13T12:35:57.074+0100 I CONTROL [initandlisten] MongoDB starting : pid=6172 port=27017 dbpath=C:\data\db\ 64-bit host=LAPTOP-7H1URMOE
2020-05-13T12:35:57.074+0100 I CONTROL [initandlisten] targetMinOS: Windows 7/Windows Server 2008 R2
2020-05-13T12:35:57.074+0100 I CONTROL [initandlisten] db version v4.2.6
2020-05-13T12:35:57.074+0100 I CONTROL [initandlisten] git version: 20364840b8f1af16917e4c23c1b5f5efd8b352f8
2020-05-13T12:35:57.074+0100 I CONTROL [initandlisten] allocator: tcmalloc
2020-05-13T12:35:57.074+0100 I CONTROL [initandlisten] modules: none
2020-05-13T12:35:57.074+0100 I CONTROL [initandlisten] build environment:
2020-05-13T12:35:57.074+0100 I CONTROL [initandlisten] distmod: 2012plus
2020-05-13T12:35:57.074+0100 I CONTROL [initandlisten] distarch: x86_64
2020-05-13T12:35:57.075+0100 I CONTROL [initandlisten] target_arch: x86_64
2020-05-13T12:35:57.075+0100 I CONTROL [initandlisten] options: {}
2020-05-13T12:35:57.079+0100 I STORAGE [initandlisten] wiredtiger open config: create,cache_size=3509M,cache_overflow=(file_max=8M),session_max=33000,eviction=(threads_min=4,threads_max=4),config_base=false,statistics=(fast),log=(enabled=true,archive=true,path=journal,compressor=snappy),file_manager=(close_idle_time=100000,close_scan_interval=10,close_handle_minimum=250),statistics_log=(wait=0),verbose=[recovery_progress,checkpoint_progress],
2020-05-13T12:35:57.151+0100 I STORAGE [initandlisten] WiredTiger message [1589369757:151332][6172:140720966164816], txn-recover: Set global recovery timestamp: (0, 0)
2020-05-13T12:35:57.178+0100 I RECOVERY [initandlisten] WiredTiger recoveryTimestamp. Ts: Timestamp(0, 0)
2020-05-13T12:35:57.216+0100 I STORAGE [initandlisten] Timestamp monitor starting
2020-05-13T12:35:57.231+0100 I CONTROL [initandlisten] 
2020-05-13T12:35:57.231+0100 I CONTROL [initandlisten] ** WARNING: Access control is not enabled for the database.
2020-05-13T12:35:57.232+0100 I CONTROL [initandlisten] Read and write access to data and configuration is unrestricted.

```

b) EJEMPLOS DE JSON DE LO CREADO

Tema escogido música, pondremos aparte el apodo el nombre de la canción la puntuación de la misma, el precio y el cantante de la canción con su respectivo genero y el tipo de esta.

```

{
  "Tema" : "musica",
  "Apodo" : "abd0415",
  "Nombre" : "no se que pretendes",
  "Puntuacion" : 9,
  "Precio" : 5,
  "cantante" : "kaze",
  "genero" : "rap",
  "tipo" : "cancion"
}

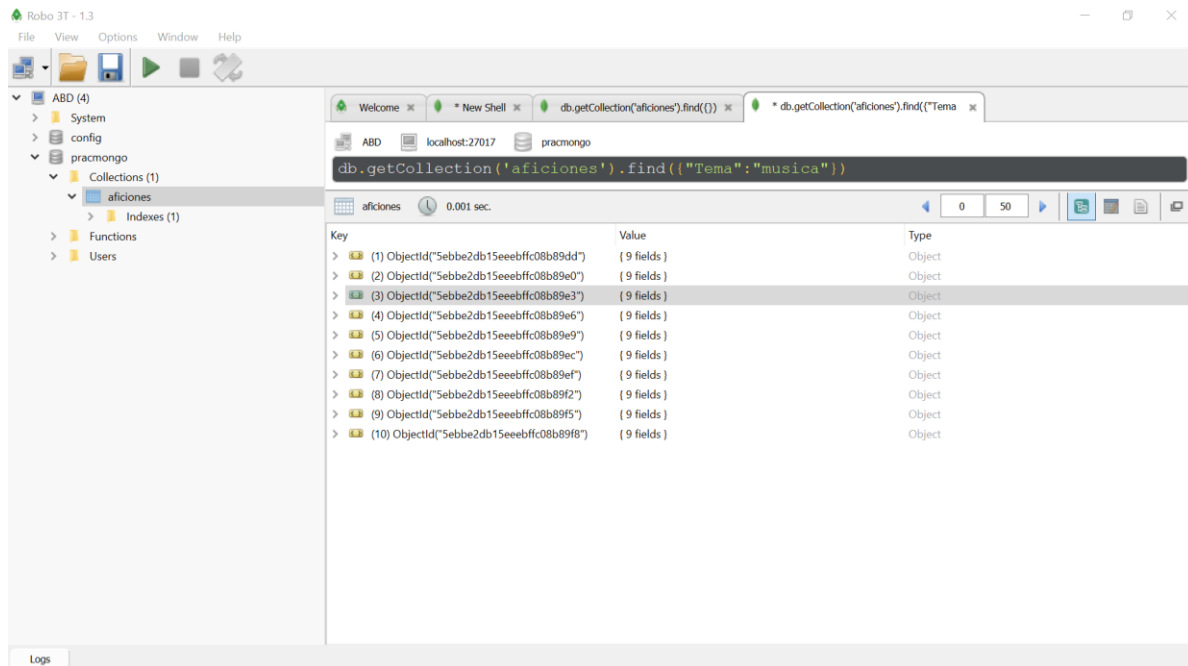
{
  "Tema" : "musica",
  "Apodo" : "abd0415",
  "Nombre" : "modo Turbio",
  "Puntuacion" : 9,
  "Precio" : 5,
  "cantante" : "kaze",
  "genero" : "rap",
  "tipo" : "album"
}

{
  "Tema" : "musica",
  "Apodo" : "abd0415",
  "Nombre" : "cheque al portamor",
  "Puntuacion" : 9,
  "Precio" : 5,
  "cantante" : "melendi",
  "genero" : "pop",
  "tipo" : "cancion"
}

```

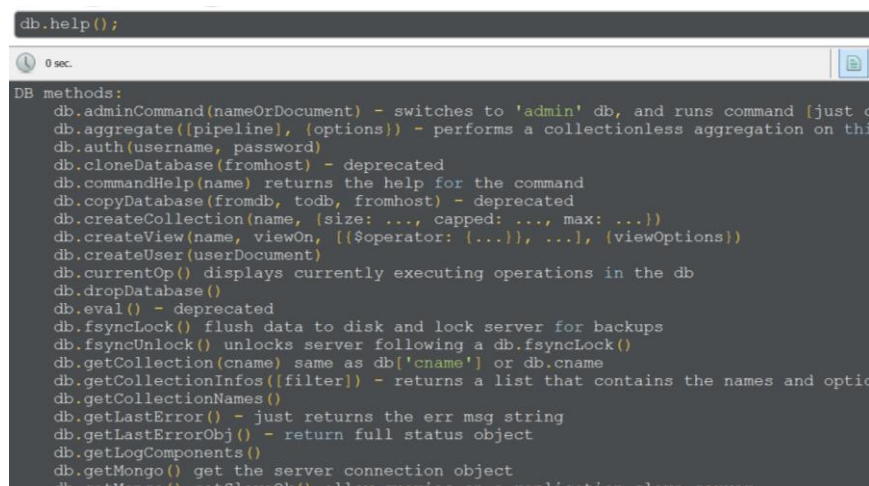
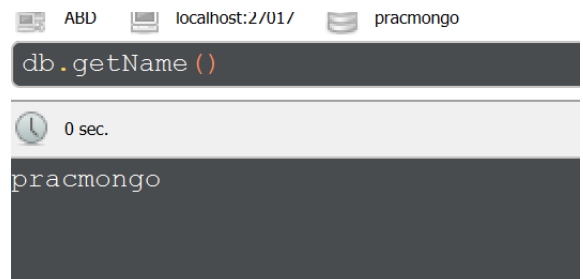
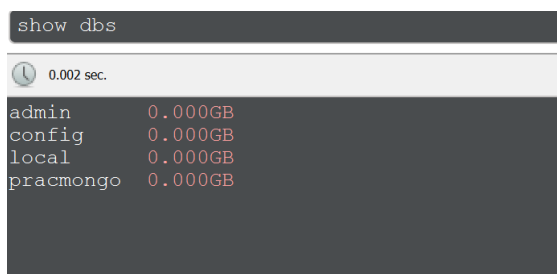
EJEMPLO DE CONSULTA PARA VER SI SE HA CARGADO BIEN LA BBDD

```
db.getCollection('aficiones').find({"Tema":"musica"})
```



Efectivamente tenemos las 10 filas insertadas del nuevo tema añadido -> Música

d) Consultar y crear un BD



```
coll = db.getCollection("aficiones");
coll.find()
```

ABD localhost:27017 pramongo

coll.find()

aficiones 0.001 sec.

Key	Value	Type
> (1) ObjectId("5746cf61e6046b47d4073615")	{ 12 fields }	Object
> (2) ObjectId("5746cf61e6046b47d4073616")	{ 12 fields }	Object
> (3) ObjectId("5746cf61e6046b47d4073617")	{ 12 fields }	Object
> (4) ObjectId("5746cf61e6046b47d4073618")	{ 12 fields }	Object
> (5) ObjectId("5746cf61e6046b47d4073619")	{ 12 fields }	Object
> (6) ObjectId("5746cf61e6046b47d407361a")	{ 12 fields }	Object
> (7) ObjectId("5746cf61e6046b47d407361b")	{ 12 fields }	Object
> (8) ObjectId("5746cf61e6046b47d407361c")	{ 12 fields }	Object
> (9) ObjectId("5746cf61e6046b47d407361d")	{ 12 fields }	Object
> (10) ObjectId("5746cf6be6046b47d407361e")	{ 9 fields }	Object
> (11) ObjectId("5746cf6be6046b47d407361f")	{ 8 fields }	Object
> (12) ObjectId("5746cf6be6046b47d4073620")	{ 9 fields }	Object
> (13) ObjectId("5746cf74e6046b47d4073621")	{ 9 fields }	Object
> (14) ObjectId("5746cf74e6046b47d4073622")	{ 9 fields }	Object
> (15) ObjectId("5746cf74e6046b47d4073623")	{ 9 fields }	Object
> (16) ObjectId("5746cf74e6046b47d4073624")	{ 9 fields }	Object
> (17) ObjectId("5746cf74e6046b47d4073625")	{ 9 fields }	Object
> (18) ObjectId("5746cf74e6046b47d4073626")	{ 9 fields }	Object
> (19) ObjectId("5746cf74e6046b47d4073627")	{ 9 fields }	Object
> (20) ObjectId("5746cf74e6046b47d4073628")	{ 9 fields }	Object

ABD localhost:27017 pramongo

sale= coll.find ({ "genero" : "pop" }, {});

aficiones 0.001 sec.

Key	Value	Type
(1) ObjectId("Sebbe2db15eeebffc08b89e3") <ul style="list-style-type: none"> _id: ObjectId("Sebbe2db15eeebffc08b89e3") Tema: musica Apodo: abd0415 Nombre: cheque al portamor Puntuacion: 9 Precio: 5 cantante: melendi genero: pop tipo: cancion 	{ 9 fields }	Object
(2) ObjectId("Sebbe2db15eeebffc08b89e9") <ul style="list-style-type: none"> _id: ObjectId("Sebbe2db15eeebffc08b89e9") Tema: musica Apodo: abd0415 Nombre: loco Puntuacion: 9 Precio: 5 cantante: melendi genero: pop tipo: cancion 	{ 9 fields }	Object

ABD localhost:27017 pramongo

sale= coll.find ({ "genero" : "pop" }, {aficiones:1});

aficiones 0.001 sec.

Key	Value	Type
(1) ObjectId("Sebbe2db15eeebffc08b89e3") <ul style="list-style-type: none"> _id: ObjectId("Sebbe2db15eeebffc08b89e3") 	{ 1 field }	Object
(2) ObjectId("Sebbe2db15eeebffc08b89e9") <ul style="list-style-type: none"> _id: ObjectId("Sebbe2db15eeebffc08b89e9") 	{ 1 field }	Object

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```
if (sale) {print("fue bien")} ;
```

0 sec.

fue bien

Welcome

* db.aficiones.find({ Puntuacion: { \$gte : 10 } }

ABD

localhost:27017

praxmongo

db.aficiones.find(
{
 Puntuacion: { \$gte : 10 }
})

aficiones 0.001 sec. 0 50

Key	Value	Type
> (1) ObjectId("5746cf7de6046b47d407362c")	{ 11 fields }	Object
> (2) ObjectId("5746cf7de6046b47d407362d")	{ 11 fields }	Object
> (3) ObjectId("5746cf86e6046b47d4073636")	{ 9 fields }	Object
> (4) ObjectId("5746cf8ee6046b47d407363a")	{ 10 fields }	Object
> (5) ObjectId("5746cfa9e6046b47d4073657")	{ 11 fields }	Object
> (6) ObjectId("5746cfa9e6046b47d4073658")	{ 11 fields }	Object
> (7) ObjectId("5746cfa9e6046b47d4073659")	{ 11 fields }	Object
> (8) ObjectId("5746cfb0e6046b47d4073660")	{ 10 fields }	Object
> (9) ObjectId("5746cfb0e6046b47d4073662")	{ 10 fields }	Object
> (10) ObjectId("5746cfcee6046b47d4073664")	{ 10 fields }	Object
> (11) ObjectId("5746cfcee6046b47d4073665")	{ 10 fields }	Object
> (12) ObjectId("5ebbe2db15eeebffc08b89ec")	{ 9 fields }	Object
▼ (13) ObjectId("5ebbe2db15eeebffc08b89ef")	{ 9 fields }	Object
_id	ObjectId("5ebbe2db15eeebffc08b89ef")	ObjectId
Tema	musica	String
Apodo	abd0415	String
Nombre	contigo	String
Puntuacion	10	Int32
Precio	5	Int32