

CONNEXIÓ JAVA-MONGODB

Activitat 2

Accés a dades

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M0486_2526 (M06)

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1. Registrar-se a MongoDB Atlas i accedir al dashboard de clusters.

The screenshot shows the MongoDB Atlas Data Explorer interface. At the top, it displays the organization "Ghiz's Org - 2026-01-..." and project "M06". The main area is titled "Cluster0" and contains a table of databases. The table has columns for "Database name", "Storage size", "Collections", and "Indexes". The data shown is:

Database name	Storage size	Collections	Indexes
Tasques	36.86 kB	1	1
admin	0 B	0	0
local	-	0	-
sample_mflix	109.74 MB	6	10

The left sidebar includes sections for "Data Explorer", "My Queries", "Data Modeling", and "CLUSTERS". Under "CLUSTERS", "Cluster0" is expanded to show sub-databases: Tasques, admin, local, and sample_mflix.

2. Crear la base de dades **Tasques** i la col·lecció **Entrades**.

The dialog box is titled "Create Database". It has two main input fields: "Database Name" containing "Tasques" and "Collection Name" containing "Entrades". Below these fields is a checkbox labeled "Time-Series" with a descriptive text: "Time-series collections efficiently store sequences of measurements over a period of time. [Learn More](#)". There is also a section titled "Additional preferences (e.g. Custom collation, Clustered collections)". At the bottom right are two buttons: "Cancel" and "Create Database".

3. Preparar el fitxer tasques.json amb 25 registres. Després vaig importar el fitxer a la col·lecció **Entrades** des de *Import Data* del *Data Explorer*.

The screenshot shows the Apache CouchDB Data Explorer interface. The top navigation bar indicates the organization is "Ghiz's Org - 2026-01-..." and the project is "M06". The main area is titled "Data Explorer" and shows the "Entrades" collection under the "Tasques" cluster. The interface includes a search bar, a toolbar with various icons, and a table displaying 25 documents. The table has columns for _id, ObjectId, nom, and cognom1. Each document row includes edit, delete, and copy icons.

_id	ObjectId	nom	cognom1
11	ObjectId('695a7bd38caa7a...')	"Joan"	"Perez"
12	ObjectId('695a7bfc8caa7a...')	"Clara"	"Vila"
13	ObjectId('695a7c168caa7a...')	"Alex"	"Gil"
14	ObjectId('695a7c318caa7a...')	"Eva"	"Navarro"
15	ObjectId('695a7c478caa7a...')	"Pol"	"Martinez"
16	ObjectId('695a7c628caa7a...')	"Marta"	"Pons"
17	ObjectId('695a7c778caa7a...')	"Eric"	"Ribas"
18	ObjectId('695a7c8b8caa7a...')	"Nora"	"Gil"
19	ObjectId('695a7caa8caa7a...')	"Leo"	"Torres"
20	ObjectId('695a7cc28caa7a...')	"Clara"	"Martí"
21	ObjectId('695a7cda8caa7a...')	"Nil"	"Campos"
22	ObjectId('695a7cee8caa7a...')	"Anna"	"Soler"
23	ObjectId('695a7d058caa7a...')	"Marc"	"Ribas"
24	ObjectId('695a7d1a8caa7a...')	"Sofia"	"Vila"
25	ObjectId('695a7d348caa7a...')	"Laura"	"Campos"

4. He creat un projecte Java amb Maven i afegit la dependència de MongoDB. Després vaig connectar-me a la base de dades i comprovat que funcionava correctament.

Connect to Cluster0

Set up connection security Choose a connection method Connect (3)

Connecting with MongoDB Driver

1. Select your driver and version

We recommend installing and using the latest driver version.

Driver	Version
Java	4.3 or later

2. Install your driver

[View MongoDB Java Driver installation instructions.](#)

3. Add your connection string into your application code

Use this connection string in your application

View full code sample

```
mongodb+srv://ghizlane:<db_password>@cluster0.iatampw.mongodb.net/?appName=Cluster0
```

```
● ghizlane@ghizlane:~/Documentos/DAM/MP06 (java)/UF3$ /usr/bin/env /usr/lib/jvm/java-17-openjdk-amd64/bin/java @/tmp/cp_85mb03yevm
fyad4hrqkng79dl.argvfile activitat2.App
ene 04, 2026 5:18:03 P. M. com.mongodb.diagnostics.logging.Loggers shouldUseSLF4J
ADVERTENCIA: SLF4J not found on the classpath. Logging is disabled for the 'org.mongodb.driver' component
Pinged your deployment. You successfully connected to MongoDB!
❖ ghizlane@ghizlane:~/Documentos/DAM/MP06 (java)/UF3$
```