Your Databases

Name	Size	# of Docs	Partitioned	Actions
_replicator	8.1 KB	3	No	
animals	0 bytes	0	No	
diamonds	0.9 KB	10	No	
housing	394 bytes	7	No	
movies	1.5 MB	4622	No	
planets	2 bytes	0 ❶	No	
training	51 bytes	1	No	
training_replica	51 bytes	1	No	

```
theia@theiadocker-muhammady:/home/project$ mongoimport -u root -p MjUwMDMtbXVoYW1t --authenticationDatabase admin -d entertainment -c movies movies.json
2023-10-25T17:50:22.342-0400    connected to: mongodb://localhost/
2023-10-25T17:50:22.357-0400    100 document(s) imported successfully. 0 document(s) failed to import.
```

```
theia@theiadocker-mariums82:/home/project$
theia@theiadocker-mariums82:/home/project$ curl -X GET $CLOUDANTURL/movies -H"Content-Type: application/json" -d'{

    "selector": {
        "director": {
            "$eq": "Richard Gage"
        }
    },
    "fields": [
    ]
}
'
```

{"update_seq":"9418-g1AAAAQneJzLYWBgEMhgTmFQS0lKzi9KdUhJMtZLytVNTtZNLdVNSdU1NNFLzskvTUnMK9HLSy3JAapnymMBkgwfgNR_IMhKAgoloJphQqQ
ZDyBmvAebYYXqhiWRZlyAmHEfbIYbyAx1uBmGhkQacgBiyHmwIaHkBcgGiBn7wWYkkhcgCyBmrAebYUFegEyAmDEfbEY4mQHSADGkH2xIEKkBklQAJJPqYakjgNTASE
oA6c-H6U8iNSCSAkD642H6DUgOhCQHkAH-MAMcSA4AA5B-e5h-P5IDQAGkXx9H9iIiAARA-uVh-n1JDoBEhiR-mG7bLAAKp0jr","db_name":"movies","purge_s
eq":0,"sizes":{"file":8613620,"external":3268747,"active":4260339},"props":{},"doc_del_count":1,"doc_count":9417,"disk_format_v
ersion":8,"compact_running":false,"cluster":{"q":16,"n":3,"w":2,"r":2},"instance_start_time":"0"}

```
theia@theiadocker-mariums82:/home/project$
```

```
theia@theiadocker-mariums82:/home/project$ curl -X POST $CLOUDANTURL/movies/_index \
> -H"Content-Type: application/json" \
> -d'{
>     "index": {
>         "fields": ["title"]
>     },
>     "name" : "title-index",
>     "type" : "json"
> }'
{"result":"exists","id":"_design/e0b6350b3ecb35425d47243bf0b447a60cb98ffa","name":"title-index"}
theia@theiadocker-mariums82:/home/project$
```

```
theia@theiadocker-mariums82:/home/project$ curl -X GET $CLOUDANTURL/movies \
> -H"Content-Type: application/json" \
> -d'{
>
>     "selector": {
>         "title": {
>             "$eq": "Top Dog"
>         }
>     },
>     "fields": [
>         "year",
>         "director"
>     ]
> }'
```

{"update_seq":"9418-g1AAAAQpeJzLYWBgEMhgTmFQS0lKzi9KdUhJMtJLytVNTtZNLdVNSdU1NNFLzskvTUnMK9HLSy3JAapnymMBkgwfgNR_IMhKAgoIoJphRqQ
ZDyBmvAebYYxqhgWRZlyAmHEfbIYbyAx1uBmGxHrmAMSQ82BDQtEMMSDSkA0QQ_aDDUlE9Y0JkWYsgJixHmyGBXkhMgFixnywGeFkhkgDxJB-sCFBJIdIUgGQTKqHpY
8AUtNHUgJIfz5MfxKpIZEUANIfD9NvgOYBQ8IGOIAM8IcZ4EBqJkkyAOm3h-n3IzkAFED69XFkMCICQACkXx6m35fkAEhkSOKH6bbNAgAA6klL","db_name":"movi
es","purge_seq":0,"sizes":{"file":8609526,"external":3268747,"active":4259854},"props":{},"doc_del_count":1,"doc_count":9417,"d
isk_format_version":8,"compact_running":false,"cluster":{"q":16,"n":3,"w":2,"r":2},"instance_start_time":"0"}
theia@theiadocker-mariums82:/home/project$
```

**Untitled.txt** ●

```
1  couchexport --url $CLOUDANTURL --db movies --type jsonl > movies.json
```

Problems   theia@theiadocker-mariums82: /home/project ×

```
theia@theiadocker-mariums82:/home/project$
--type jsonl > movies.json:/home/project$ couchexport --url $CLOUDANTURL --db movies
  couchexport Output 500 [500]  +0ms
  couchexport Output 500 [1000] +797ms
  couchexport Output 500 [1500] +812ms
  couchexport Output 500 [2000] +781ms
  couchexport Output 500 [2500] +784ms
  couchexport Output 500 [3000] +811ms
  couchexport Output 500 [3500] +802ms
  couchexport Output 500 [4000] +769ms
  couchexport Output 500 [4500] +791ms
  couchexport Output 500 [5000] +801ms
  couchexport Output 500 [5500] +802ms
  couchexport Output 500 [6000] +809ms
  couchexport Output 500 [6500] +783ms
  couchexport Output 500 [7000] +793ms
  couchexport Output 500 [7500] +760ms
  couchexport Output 500 [8000] +778ms
  couchexport Output 500 [8500] +772ms
  couchexport Output 500 [9000] +757ms
  couchexport Output 418 [9418] +718ms
```

```
bash: 8-couchexport: command not found
theia@theiadocker-mariums82:/home/project$ start_mongo
Starting your mongodb database....
This process can take up to a minute.

Mongodb started, waiting for all services to be ready....

Your mongodb server is now ready to use and available with username: root password: NDI2LW1hcml1bXM4

You can access your mongodb database via:
 • The browser at: https://mariums82-8081.theiadocker-0-labs-prod-theiak8s-4-tor01.proxy.cognitiveclass.ai
 • CommandLine: mongo -u root -p NDI2LW1hcml1bXM4 --authenticationDatabase admin local
theia@theiadocker-mariums82:/home/project$ mongoimport -u root -p NDI2LW1hcml1bXM4 --authenticationDatabase admin
--db entertainment --collection movies --file movies.json
2021-10-17T06:20:49.786+0000    connected to: mongodb://localhost/
2021-10-17T06:20:51.656+0000    9417 document(s) imported successfully. 0 document(s) failed to import.
theia@theiadocker-mariums82:/home/project$
```

```
switched to db entertainment
> db.movies.aggregate([
... {
...     "$group":{
...         "_id":"$year",
...         "moviecount":{"$sum":1}
...     }
... }
... ])
{ "_id" : null, "moviecount" : 6 }
{ "_id" : 1981, "moviecount" : 118 }
{ "_id" : 1985, "moviecount" : 123 }
{ "_id" : 1978, "moviecount" : 91 }
{ "_id" : 1973, "moviecount" : 75 }
{ "_id" : 1996, "moviecount" : 137 }
{ "_id" : 2006, "moviecount" : 445 }
{ "_id" : 1982, "moviecount" : 123 }
{ "_id" : 1974, "moviecount" : 71 }
{ "_id" : 2000, "moviecount" : 244 }
{ "_id" : 1999, "moviecount" : 150 }
{ "_id" : 1976, "moviecount" : 80 }
{ "_id" : 1980, "moviecount" : 78 }
{ "_id" : 1994, "moviecount" : 136 }
{ "_id" : 1987, "moviecount" : 140 }
{ "_id" : 1992, "moviecount" : 116 }
{ "_id" : 1990, "moviecount" : 110 }
{ "_id" : 1979, "moviecount" : 99 }
{ "_id" : 1998, "moviecount" : 186 }
```

```
>
> db.movies.find( { year: { $gt: 1999 } } ).count()
5971
>
```

```
> db.movies.aggregate( [ { $match : { year : 2007 } } ] )
{ "_id" : "1000732", "_rev" : "1-7de10e81afc2103d4d8848dd2e4db862", "title" : "The Yellow House", "year" : 2007, "
rating" : null, "runtime" : "N/A", "genre" : [ "Drama" ], "director" : "Chris Durlacher", "writer" : [ "Simon Bent
" ], "cast" : [ "Kevin Eldon", "Simon Farnaby", "Deborah Findlay", "Scott Handy" ], "poster" : null, "imdb" : { "r
ating" : 7.8, "votes" : 84, "id" : "tt1000732" } }
{ "_id" : "1001348", "_rev" : "1-f8e170b7caa2b918871751b98152c7d7", "title" : "Fall", "year" : 2007, "rating" : nu
ll, "runtime" : "33 min", "genre" : [ "Short", "Drama" ], "director" : "Jonathan Helpert", "writer" : [ "Jonathan
Helpert" ], "cast" : [ "Amaury de Crayencour", "Constance Jacquet", "Caroline Mouton", "Benjamin Oliel" ], "poster
" : null, "imdb" : { "rating" : 7.8, "votes" : 53, "id" : "tt1001348" } }
{ "_id" : "1001347", "_rev" : "1-0ec1d5c45ff4021b81d1b9eac520ca2e", "title" : "ELI", "year" : 2007, "rating" : nul
l, "runtime" : "16 min", "genre" : [ "Short", "Sci-Fi", "Thriller" ], "director" : "Josh Lee Kwai", "writer" : [ "
Ron Beyers", "Tyler Erskine" ], "cast" : [ "David Anders", "Erin Beaux", "Christina Carlisi", "Kristen Kerr" ], "p
oster" : "http://ia.media-imdb.com/images/M/MV5BMTkzNTMxNDA5M15BMl5BanBnXkFtZTcwNjc2MDc0MQ@@._V1_SX300.jpg", "imdb
" : { "rating" : 7.9, "votes" : 55, "id" : "tt1001347" } }
{ "_id" : "419887", "_rev" : "1-fb191151a2799e6729e4946ac0f6fd88", "title" : "The Kite Runner", "year" : 2007, "ra
ting" : "PG-13", "runtime" : "128 min", "genre" : [ "Drama" ], "director" : "Marc Forster", "writer" : [ "David Be
nioff (screenplay)", "Khaled Hosseini (novel)" ], "cast" : [ "Khalid Abdalla", "Atossa Leoni", "Shaun Toub", "Saye
d Jafar Masihullah Gharibzada" ], "poster" : "http://ia.media-imdb.com/images/M/MV5BODcyNjY2MjEwM15BMl5BanBnXkFtZT
cwODQ0MzI1MQ@@._V1_SX300.jpg", "imdb" : { "rating" : 7.6, "votes" : 63, "id" : "tt0419887" } }
{ "_id" : "401383", "_rev" : "1-2a1074222faa21da7bf61366ee107d80", "title" : "The Diving Bell and the Butterfly",
"year" : 2007, "rating" : "PG-13", "runtime" : "112 min", "genre" : [ "Biography", "Drama" ], "director" : "Julian
 Schnabel", "writer" : [ "Ronald Harwood (screenplay)", "Jean-Dominique Bauby (book)" ], "cast" : [ "Mathieu Amalr
ic", "Emmanuelle Seigner", "Marie-José Croze", "Anne Consigny" ], "poster" : "http://ia.media-imdb.com/images/M/M
V5BMTc3MjkzMDkxN15BMl5BanBnXkFtZTcwODAyMTU1MQ@@._V1_SX300.jpg", "imdb" : { "rating" : 8.1, "votes" : 84, "id" : "t
t0401383" } }
{ "_id" : "1094197", "_rev" : "1-b93e4aaa9d02f2eeed6459ad865dcf25", "title" : "Parkour: Nachin na jivot", "year" :
 2007, "rating" : null, "runtime" : "27 min", "genre" : [ "Documentary", "Short", "Sport" ], "director" : "Andrey
Hadjivasilev", "writer" : [ "Andrey Hadjivasilev (script)" ], "cast" : [ "Evgeny Genchev", "Emilian Kolev", "Liudm
```