

MONGO EXPRESS RODANDO EM DOCKER DESKTOP

```
PS E:\projetos\docker-mongodb> wsl -l -v
NAME                STATE      VERSION
* docker-desktop-data Running    2
  Ubuntu-20.04      Running    2
  docker-desktop    Running    2
PS E:\projetos\docker-mongodb> dir


Diretório: E:\projetos\docker-mongodb

Mode                LastWriteTime         Length Name
----                -
-a----             11/05/2021    09:54           606 docker-compose-completo.yml
-a----             11/05/2021    09:54           399 docker-compose.yml
-a----             11/05/2021    09:54          1806 PassosInstalacaoDockerLinux.txt

PS E:\projetos\docker-mongodb> docker ps
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS   NAMES
PS E:\projetos\docker-mongodb> docker-compose up -d
Docker Compose is now in the Docker CLI, try 'docker compose up'

Starting mongo-express ... done
Starting mongo     ... done
PS E:\projetos\docker-mongodb> docker ps
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS   NAMES
3aae9034bfae   mongo    "docker-entrypoint.s..." 24 hours ago Up 8 seconds 0.0.0.0:27017->27017/tcp, :::27017->27017/tcp   mongo
6eaf9ca8163d   mongo-express "tini -- /docker-ent..." 24 hours ago Up 8 seconds 0.0.0.0:8081->8081/tcp, :::8081->8081/tcp   mongo-express
PS E:\projetos\docker-mongodb>
```









Acessando: <http://localhost:8081>

 Mongo Express Database

Mongo Express

Databases

Database Name + Create Database

	admin	
	config	
	feliciani	
	local	

Server Status

Hostname	3aae9034bfae	MongoDB Version	4.4.6
Uptime	151 seconds	Server Time	Fri, 14 May 2021 13:27:45 GMT
Current Connections	4	Available Connections	838856

Active Clients	0	Queued Operations	0
Clients Reading	0	Clients Writing	0
Read Lock Queue	0	Write Lock Queue	0

Disk Flushes		Last Flush	
Time Spent Flushing	ms	Average Flush Time	ms

Total Inserts	0	Total Queries	2
Total Updates	0	Total Deletes	0

Criada Database TREINAMENTO

Mongo Express

Databases

Database Name

+ Create Database

<div>View</div>	admin	<div>Del</div>
<div>View</div>	config	<div>Del</div>
<div>View</div>	feliciani	<div>Del</div>
<div>View</div>	local	<div>Del</div>
<div>View</div>	treinamento	<div>Del</div>

Criada Collection USUARIOS

Mongo Express Database: treinamento

Viewing Database: treinamento

Collections

Collection Name

+ Create collection

<div>View</div>	<div>Export</div>	<div>[JSON]</div>	<div>Import</div>	delete_me	<div>Del</div>
<div>View</div>	<div>Export</div>	<div>[JSON]</div>	<div>Import</div>	usuarios	<div>Del</div>

Database Stats

Collections (incl. system.namespaces)	2
Data Size	0 Byte
Storage Size	8.19 KB
Avg Obj Size #	0 Byte
Indexes #	2
Index Size	8.19 KB

Renomeando a Collection para USUARIO

Mongo Express Database: treinamento Collection: usuario

Viewing Collection: usuario

Collection renamed!

New Document

New Index

Simple

Advanced

Key

Value

String

Find

No documents found.

Rename Collection

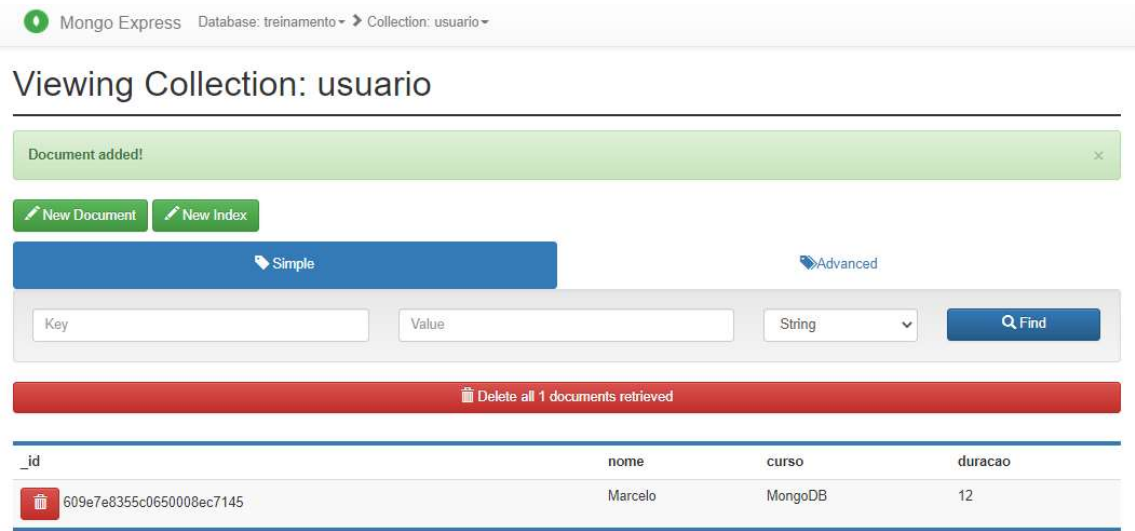
treinamento . usuario

Rename

Adicionando Documento na Collection usuario



Criado



Criando INDEX



Criado

Mongo Express Database: treinamento -> Collection: usuario -

Viewing Collection: usuario

Index created!

New Document

New Index

Simple

Advanced

Key

Value

String

Find

Delete all 1 documents retrieved

_id	nome	curso	duracao
609e7e8355c0650008ec7145	Marcelo	MongoDB	12

Visualizando o documento

Mongo Express Database: treinamento -> Collection: usuario -> Document 609e7e8355c0650008ec7145

Editing Document: 609e7e8355c0650008ec7145

```
1 {
2   _id: ObjectId('609e7e8355c0650008ec7145'),
3   nome: 'Marcelo',
4   curso: 'MongoDB',
5   duracao: 12
6 }
```

Back

Save

Delete

Fazendo update para 15 horas de duração

Mongo Express Database: treinamento -> Collection: usuario -> Document 609e7e8355c0650008ec7145

Editing Document: 609e7e8355c0650008ec7145

```
1 {
2   _id: ObjectId('609e7e8355c0650008ec7145'),
3   nome: 'Marcelo',
4   curso: 'MongoDB',
5   duracao: 15
6 }
```

Back

Save

Delete

Alterado para 15

Mongo Express Database: treinamento -> Collection: usuario -

Viewing Collection: usuario

Document updated!

New Document

New Index

Simple

Advanced

Key

Value

String

Find

Delete all 1 documents retrieved

_id	nome	curso	duracao
609e7e8355c0650008ec7145	Marcelo	MongoDB	15

Removendo um campo (curso)

Mongo Express Database: treinamento -> Collection: usuario -> Document 609e7e8355c0650008ec7145

Editing Document: 609e7e8355c0650008ec7145

```
1 {
2   _id: ObjectId('609e7e8355c0650008ec7145'),
3   nome: 'Marcelo',
4   duracao: 15
5 }
```

Back

Delete

Save

Removido campo curso

Mongo Express Database: treinamento -> Collection: usuario ->

Viewing Collection: usuario

Document updated!

New Document

New Index

Simple

Advanced

Key

Value

String

Find

Delete all 1 documents retrieved

_id	nome	duracao
<div>609e7e8355c0650008ec7145</div>	Marcelo	15

Tools

Export Standard

Export -jsonArray

Export -csv

Reindex

Import -mongoexport json

Compact

Delete

Collection Stats

Documents	1
Total doc size	53 Bytes
Average doc size	53 Bytes
Pre-allocated size	36 KB
Indexes	2
Total index size	40 KB
Padding factor	
Extents	

Indexes

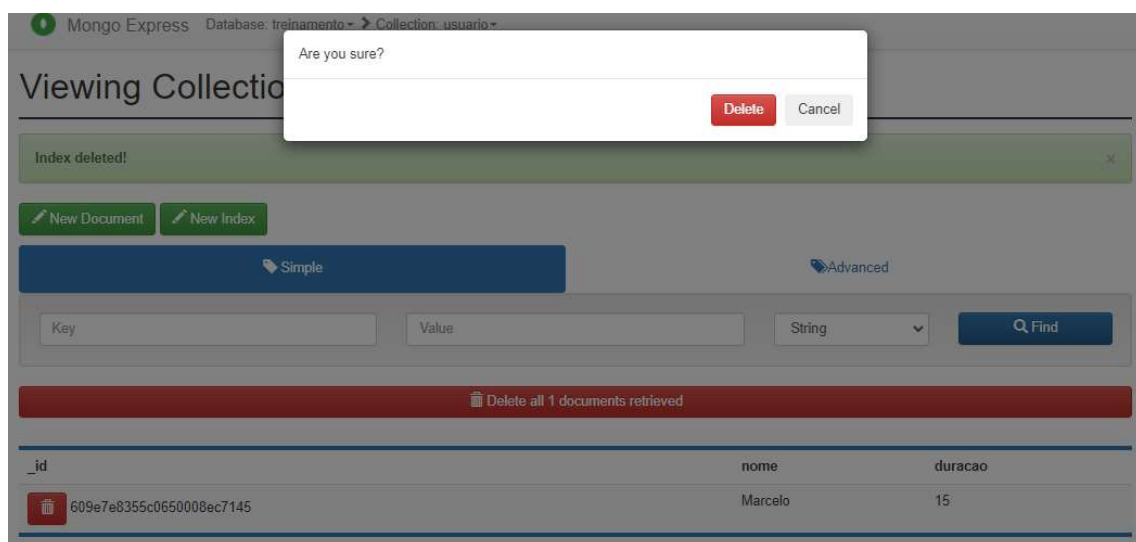
Name	Columns	Size	Attributes	Actions
id	_id ASC	20 KB		 DEL
nome_1	nome ASC	20 KB		 DEL

Deleti o INDEX nome

Indexes

Name	Columns	Size	Attributes	Actions
id	_id ASC	20 KB		 DEL

Deletando o documento



The screenshot shows the Mongo Express interface for the 'usuario' collection in the 'treinamento' database. A confirmation dialog box is open, asking 'Are you sure?' with 'Delete' and 'Cancel' buttons. Below the dialog, a green message bar says 'Index deleted!'. The interface includes buttons for 'New Document' and 'New Index', a search bar with 'Simple' and 'Advanced' tabs, and a table of documents. A red message bar indicates 'Delete all 1 documents retrieved'. The table shows one document with fields '_id', 'nome', and 'duracao'.

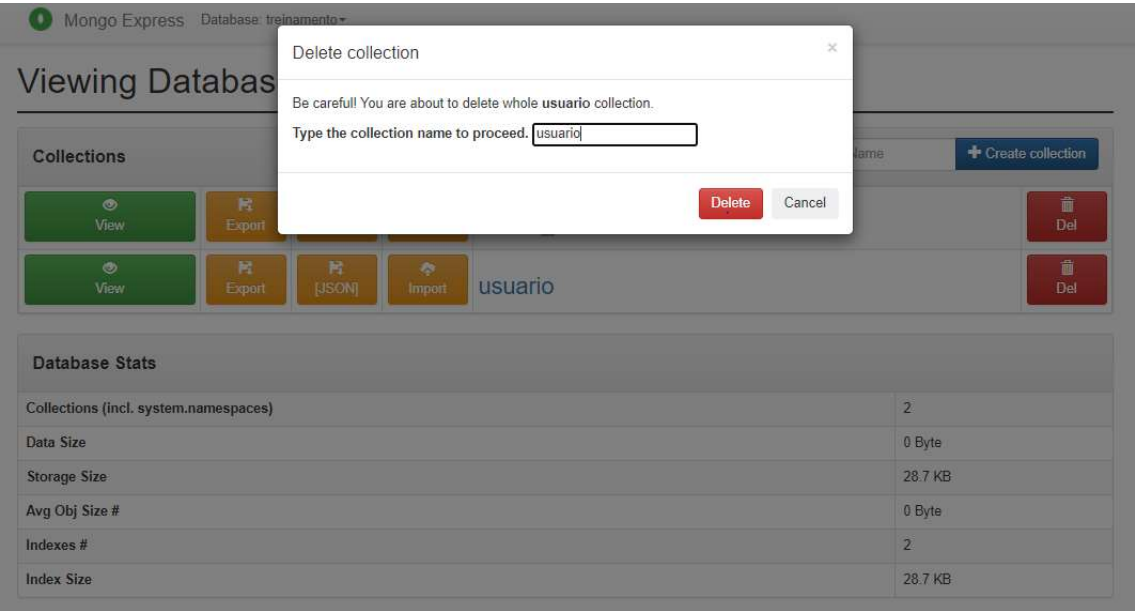
_id	nome	duracao
609e7e8355c0650008ec7145	Marcelo	15

Deletado

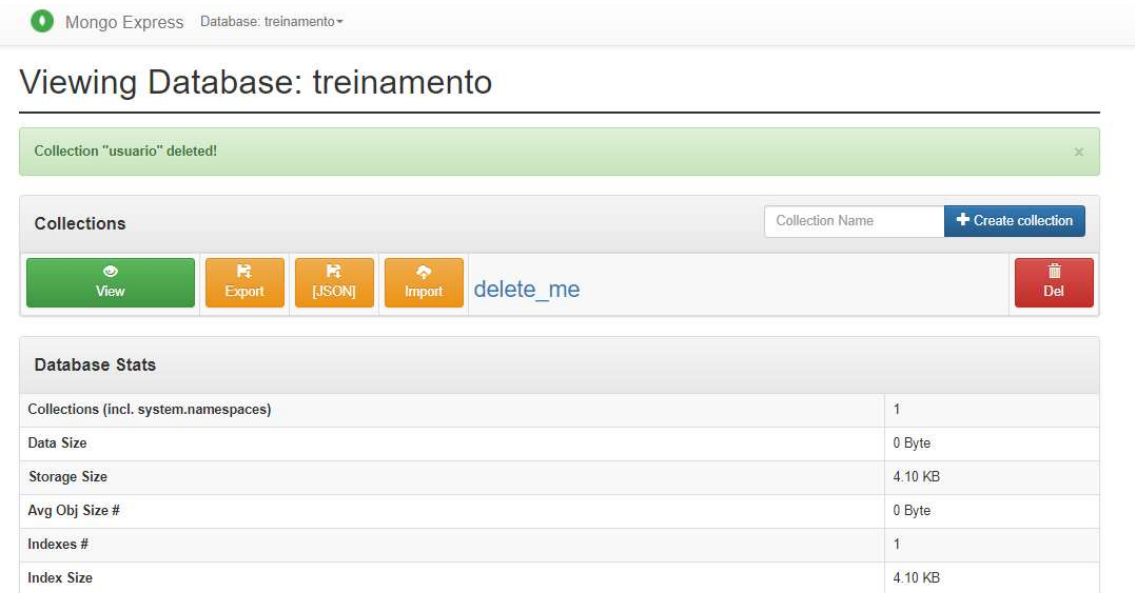


The screenshot shows the Mongo Express interface after deleting a document. A green message bar at the top says 'Document deleted! _id: 609e7e8355c0650008ec7145'. The interface includes buttons for 'New Document' and 'New Index', a search bar with 'Simple' and 'Advanced' tabs, and a message box stating 'No documents found.'.

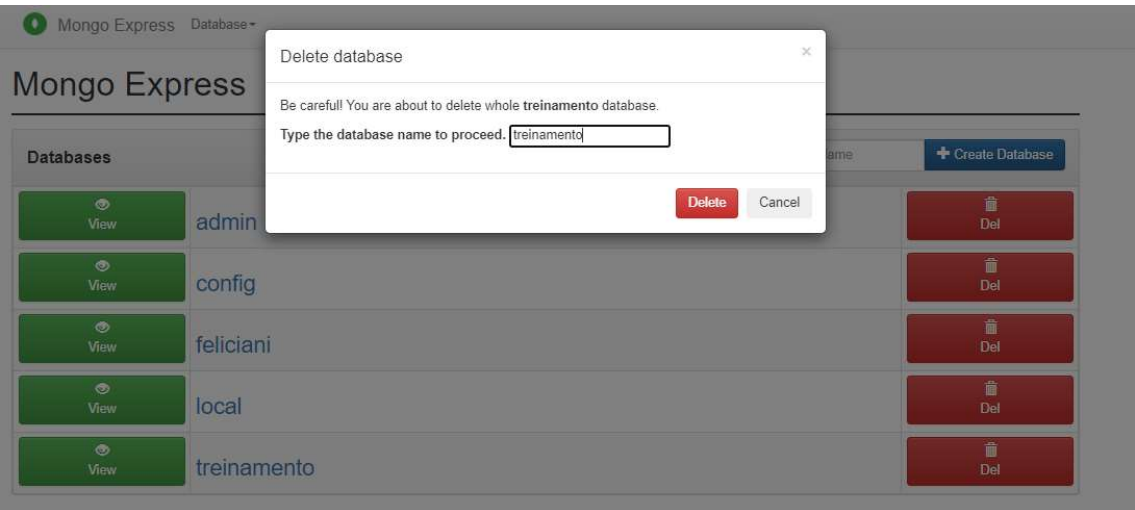
Deletando a Collection USUARIO



Deletada Collection USUARIO



Deletando a Database TREINAMENTO



Deletada

Mongo Express

Database

Mongo Express

Databases

Database Name

Create Database

View	admin	Del
View	config	Del
View	feliciani	Del
View	local	Del

Server Status

Hostname	3aae9034bfae	MongoDB Version	4.4.6
Uptime	1966 seconds	Server Time	Fri, 14 May 2021 13:58:00 GMT

Collection produto da Database Feliciani

Mongo Express

Database: feliciani

Collection: produto

Viewing Collection: produto

New Document

New Index

Simple

Advanced

Key

Value

String

Find

Delete all 4 documents retrieved

_id	nome	qtd	descricao	data_modificacao	ts_modificado
1	cpu i7	15			
2	memória ram	10	<pre>{ "armazenamento": "8GB", "tipo": "DDR4"}</pre>		
3	mouse	30	<pre>{ "conexao": "USB 3.0", "sistema": "Windows 10"}</pre>	Thu May 13 2021 16:56:29 GMT+0000 (Coordinated Universal Time)	6961830550147432449

Pesquisa Simple (buscando “mouse”)

Mongo Express Database: feliciani Collection: produto

Viewing Collection: produto

New Document New Index

Simple Advanced

nome mouse String Find

Delete all 1 documents retrieved

_id	nome	qtd	descricao	data_modificacao	ts_modificado
3	mouse	30	<pre>{ "conexao": "USB 3.0", "sistema": "[...] }</pre>	Thu May 13 2021 16:56:29 GMT+0000 (Coordinated Universal Time)	6961830550147432449

Pesquisa pelo Advanced

Buscar os documentos com o atributo nome, que começam por “hd” e apresentar os campos nome e qtd

Mongo Express Database: feliciani Collection: produto

Viewing Collection: produto

New Document New Index

Simple Advanced

```
{name: {$regex: /^hd/}}
```

```
{name: 1, qtd: 1, _id: 0}
```

 Find

Delete all 1 documents retrieved

_id	nome	qtd	descricao	data_modificacao
4	hd externo	20	<pre>{ "conexao": "USB 3.0", "armazenamento": "500GB", "sistema": "[...] }</pre>	Thu May 13 2021 16:56:29 GMT+0000 (Coordinated Universal Time)

Mongo Express Database: feliciani Collection: produto Document 4

Editing Document: 4

Back Save

```
1 {
2   _id: 4,
3   nome: 'hd externo',
4   qtd: 20,
5   descricao: {
6     conexao: 'USB 3.0',
7     armazenamento: '500GB',
8     sistema: [
9       'Windows 10',
10      'Windows 8',
11      'Windows 7',
12      'Linux'
13     ]
14   },
15   data_modificacao: ISODate('2021-05-13T16:56:29.820Z')
16 }
```

Back Save Delete