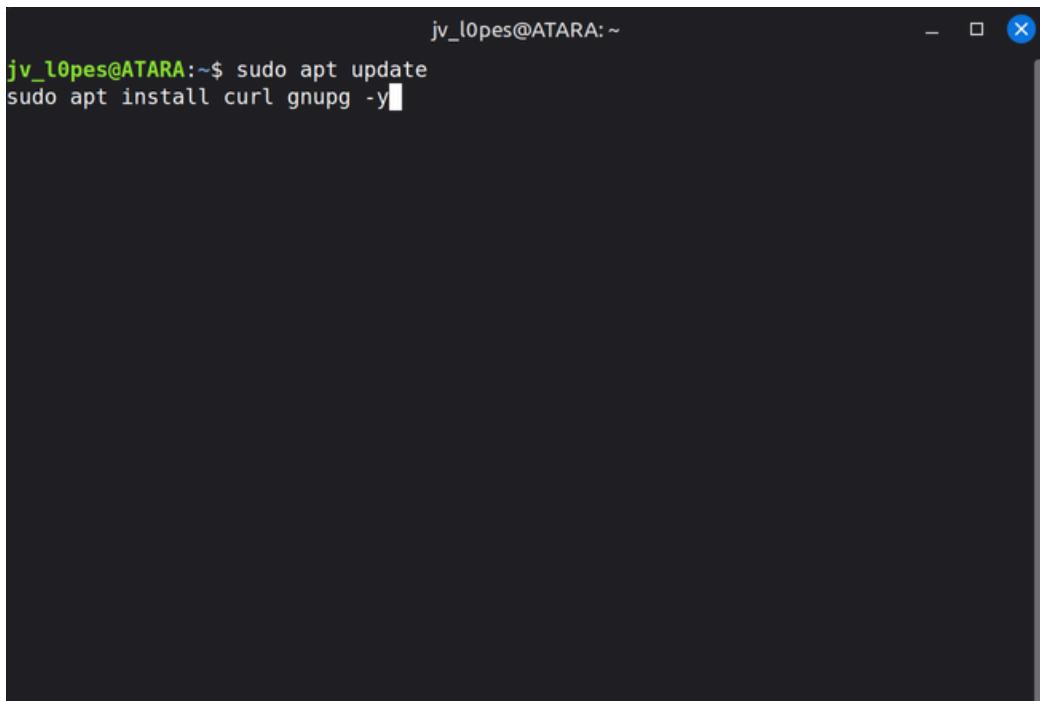


Instalação do MongoDB e MongoDB Compass no Linux Mint

1. Pré-requisitos

Atualize o sistema e instale as dependências necessárias:

```
sudo apt update  
sudo apt install curl gnupg -y
```

A screenshot of a terminal window titled 'jv_l0pes@ATARA:~'. The window contains the command 'sudo apt update' followed by 'sudo apt install curl gnupg -y'. The terminal is dark-themed with white text.

2. Instalação do MongoDB

Adicionar a chave GPG e o repositório oficial:

```
curl -fsSL https://www.mongodb.org/static/pgp/server-7.0.asc | sudo gpg --dearmor  
-o /usr/share/keyrings/mongodb.gpg echo "deb [arch=amd64 signed-by=/usr/share/  
keyrings/mongodb.gpg] https://repo.mongodb.org/apt/ubuntu jammy/mongodb-org/7.0  
multiverse" | sudo tee /etc/apt/sources.list.d/mongodb-org-7.0.list
```

Instalar os pacotes e iniciar o serviço:

```
sudo apt update  
sudo apt install mongodb-org -y  
sudo systemctl start mongod  
sudo systemctl enable mongod
```

3. Instalação do MongoDB Compass

```
wget https://downloads.mongodb.com/compass/mongodb-compass_1.40.4_amd64.deb  
sudo dpkg -i mongodb-compass_*.deb  
sudo apt install -f
```

```
jv_l0pes@ATARA:~$ # Adicionar repositório
curl -fsSL https://www.mongodb.org/static/pgp/server-7.0.asc | \
    sudo gpg --dearmor -o /usr/share/keyrings/mongodb.gpg

echo "deb [arch=amd64 signed-by=/usr/share/keyrings/mongodb.gpg] \
https://repo.mongodb.org/apt/ubuntu jammy/mongodb-org/7.0 multiverse" | \
sudo tee /etc/apt/sources.list.d/mongodb-org-7.0.list

# Instalar
sudo apt update
sudo apt install mongodb-org -y

# Iniciar serviço
sudo systemctl start mongod
sudo systemctl enable mongod
```

4. Criação do Banco de Dados de Teste

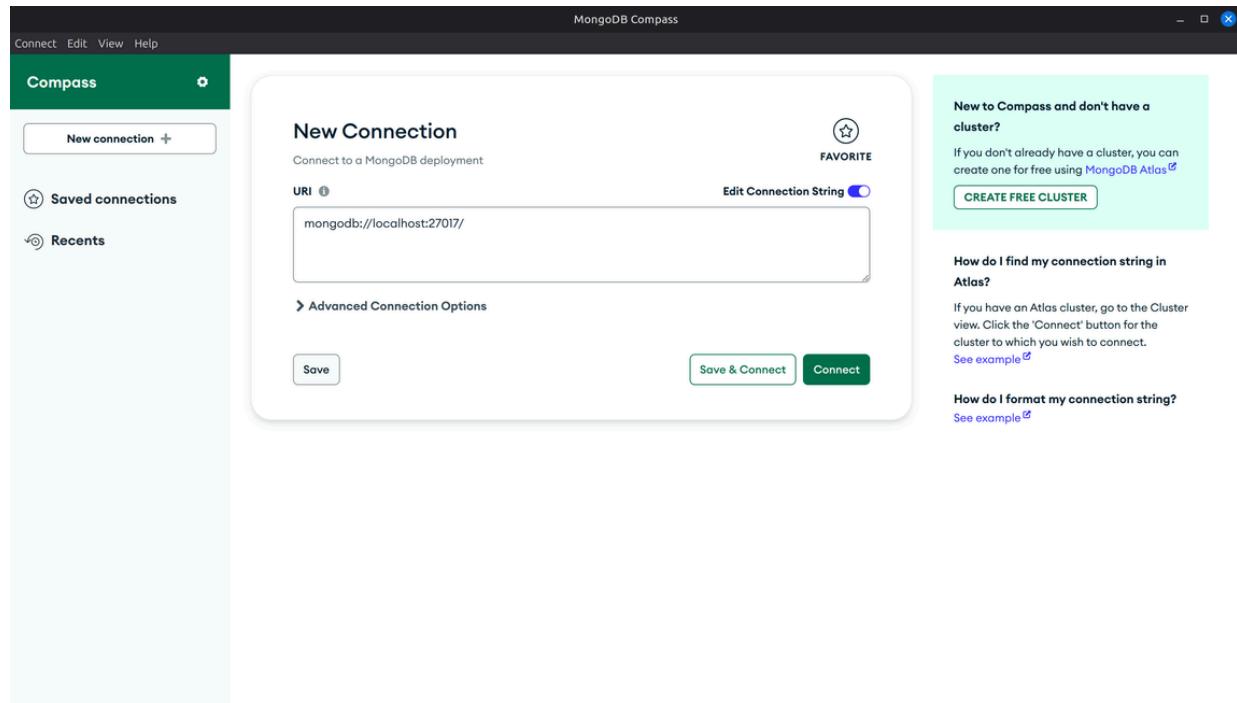
Execute **mongodb-compass**.

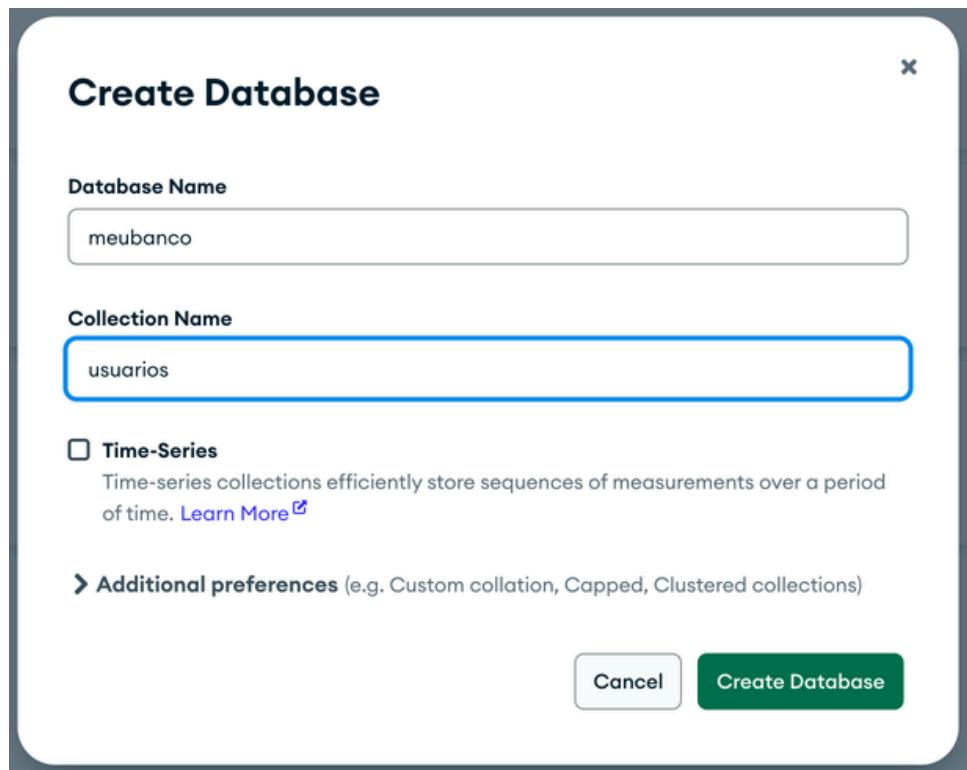
Clique em **Create Database**.

Nome do banco: **meubanco**.

Collection inicial: **usuarios**.

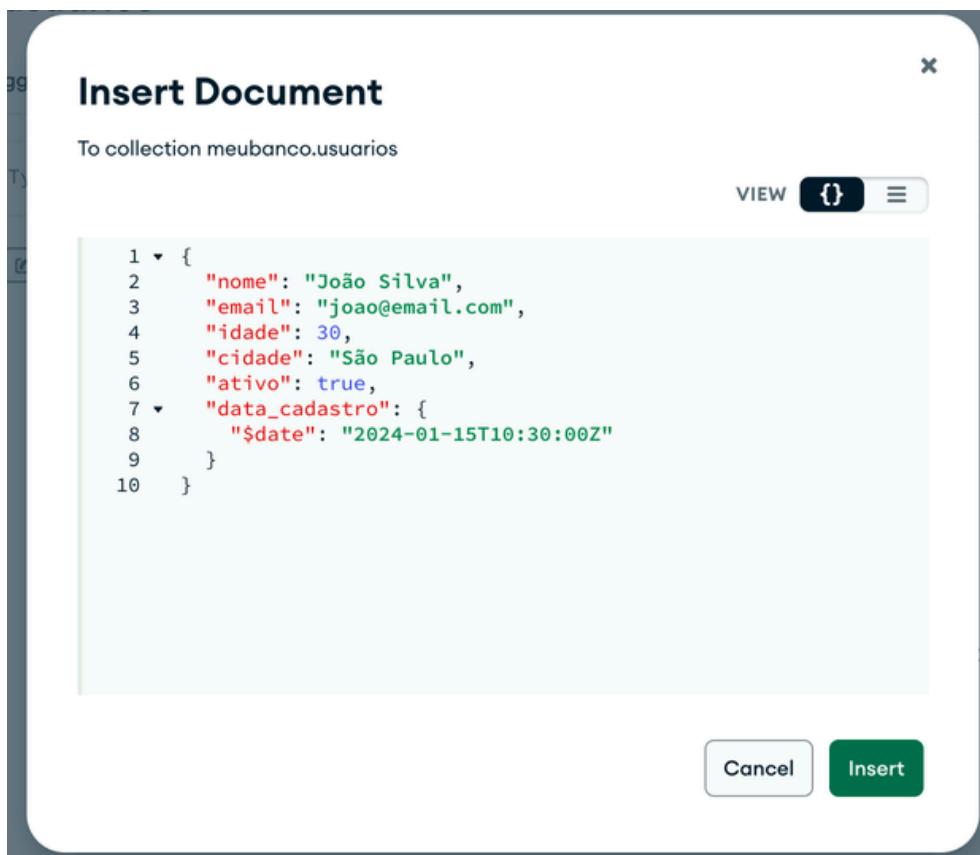
Confirme em **Create Database**.





Documento para inserção:

```
{ "nome": "João Silva", "email": "joao@email.com", "idade": 30, "cidade": "São Paulo", "ativo": true, "data_cadastro": { "$date": "2024-01-15T10:30:00Z" } }
```



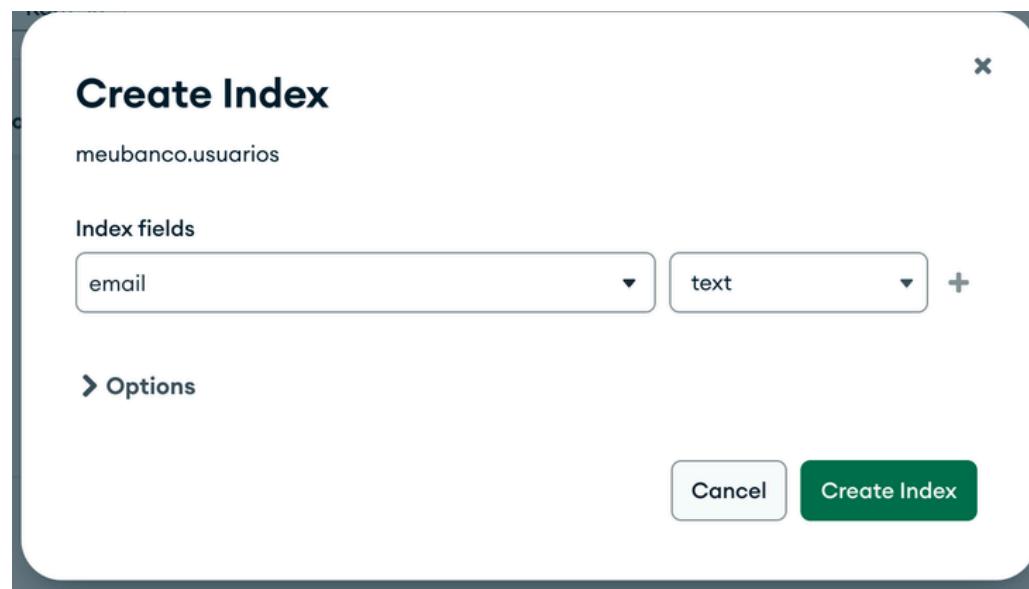
Criação de índice único no campo **email**:

Aba **Indexes**.

Field: **email**.

Unique: **true**.

Name: **idx_email_unico**.



5. Criação do Banco de Dados de Teste com Index

The screenshot shows the MongoDB Compass interface with the database 'Teste_Reasoning' selected. The collection is 'meubanco.usuarios'. The document list shows one document with the following fields and values:

_id	nome	email	idade	cidade	ativo	data_cadastro
ObjectId('698a7eab4ed8be5c9ff6a5f4')	Jáo Silva	joao@email.com	30	São Paulo	true	2024-01-15T10:30:00.000+00:00