Banco de dados não relacionais



MongoDB Shell (mongosh)

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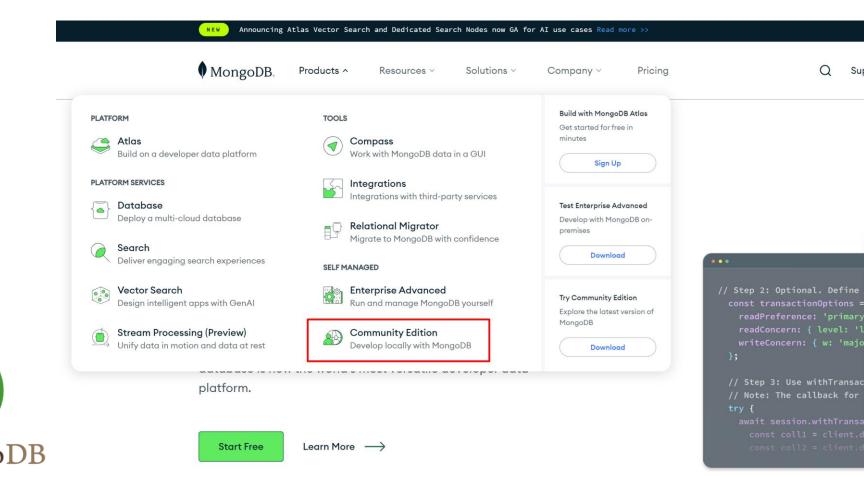
Introdução

- MongoDB é um sistema de gerenciamento de banco de dados NoSQL orientado a documentos.
- MongoDB Compass é uma ferramenta gráfica de interface do usuário (GUI) desenvolvida para facilitar a interação com bancos de dados MongoDB
- Mongosh é uma nova interface de linha de comando (CLI) e shell interativo para o MongoDB.





 A versão Community está disponível no link <u>https://www.mongodb.com/</u> no menu "Products".



MONGODB COMMUNITY SERVER

MongoDB Community Server Download

Community Server

The Community version of our distributed database offers a flexible document data model along with support for:

- Ad-hoc queries
- Secondary indexing
- Real-time aggregations to provide powerul ways to access and analyze your data

Select package

Try MongoDB Atlas

The database is also offered as a fully-managed service with MongoDB Atlas. Get access to advanced functionality such as:

- Auto-scaling
- Serverless instances
- Full-text search, and data distribution across regions and clouds
- Multi-region and multi-cloud support

Sign up here or get started from your terminal:





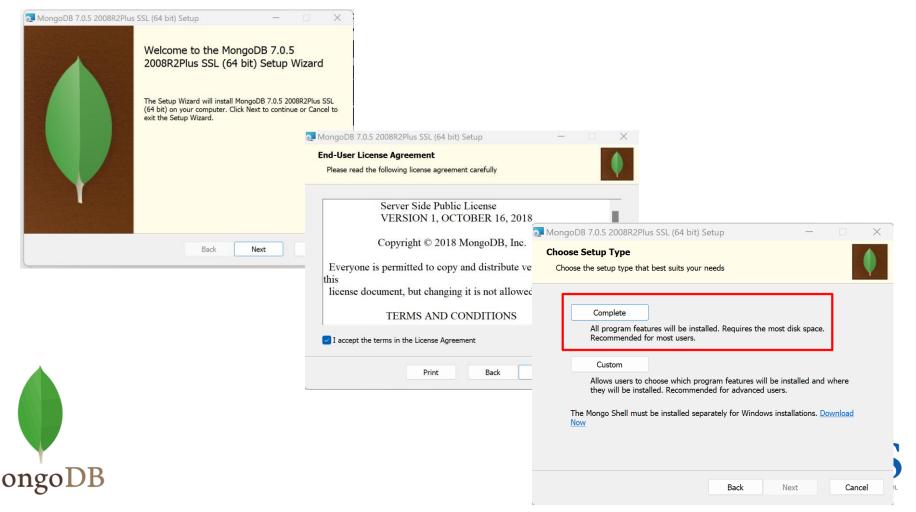
• Selecione o package "msi".

Download <u>↓</u>	Copy link	More Options	• • •
Package msi			~
Platform Windows x64			~
Version 7.0.5 (current)			~





 A instalação padrão não requer nenhuma alteração nos parâmetros.



 No ambiente Windows a recomendação é a instalação do MongoD como um serviço.

MongoDB 7.0.5 20	08R2Plu	s SSL (64 bit) S	ervice Cust	tomization	_		
Service Configurat	tion						
Specify optional se		configure Mongo	DB as a sen	vice.			
✓ Install MongoD as a	Service						
Run service as N	letwork S	Service user					
Run service as a	local or	domain user:					
Account Doma	in:						
Account Name	:	MongoDB					
Account Passw	ord:						
Service Name:	Mong	oDB					
Data Directory:	C:\Pro	ogram Files\Mong	goDB\Server	\7.0\data\			
Log Directory:	C:\Pro	ogram Files\Mong	goDB\Server	\7.0\log\			
			< Ba	ack N	Vext >	Car	ncel



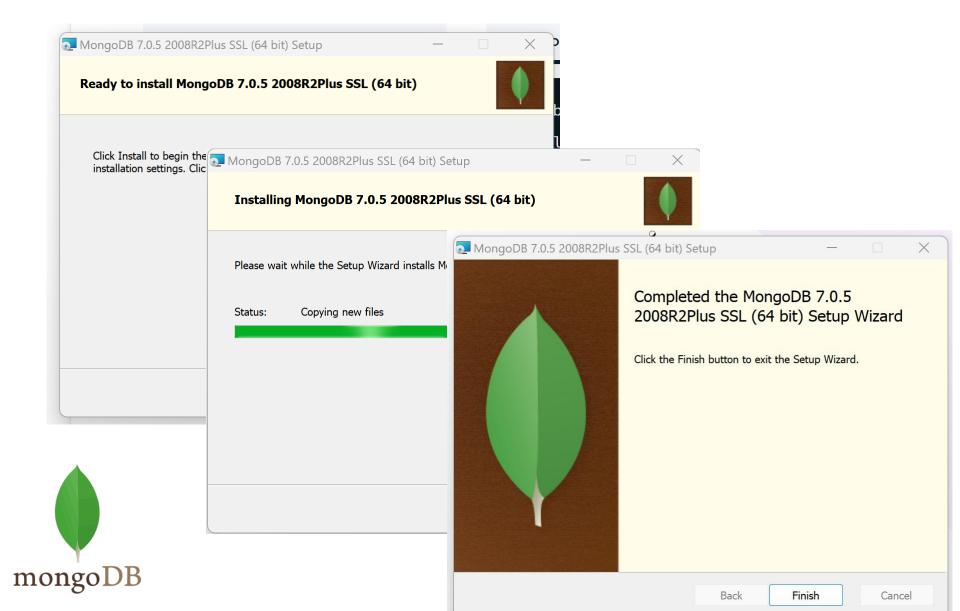


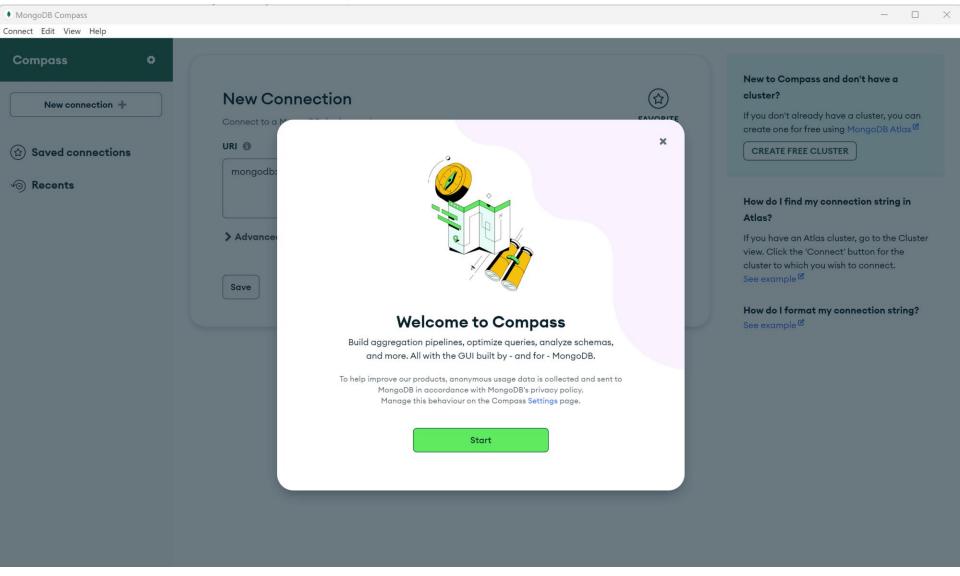
 A instalação do Compass é automática, basta manter a opção abaixo selecionada.











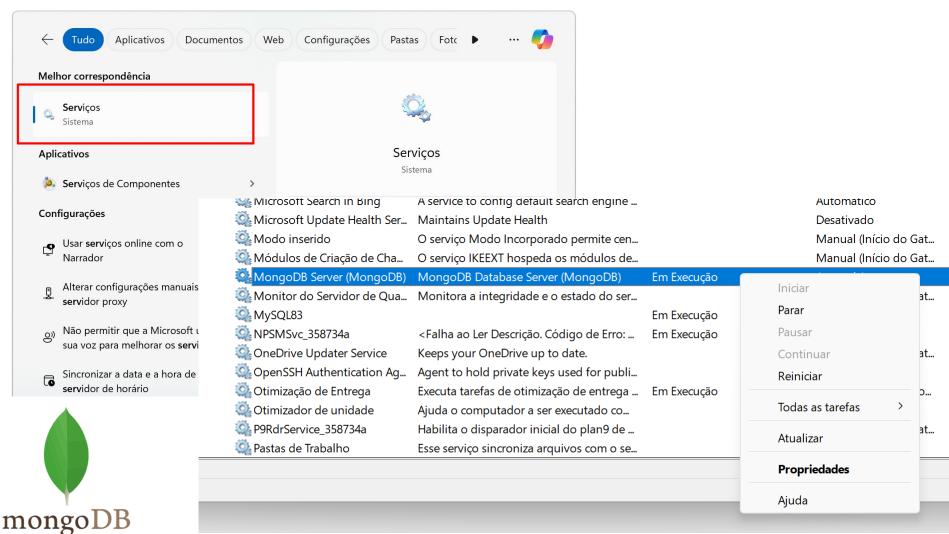
 Atenção a string de conexão, a porta padrão do mongoDB é a porta 27017.

New Connection	
Connect to a MongoDB deployment	FAVORIT
URI 10	Edit Connection String
mongodb://localhost:27017/	
> Advanced Connection Options	





Configuração do serviço mongodb no Windows.



• Selecione o tipo de inicialização conforme sua necessidade.

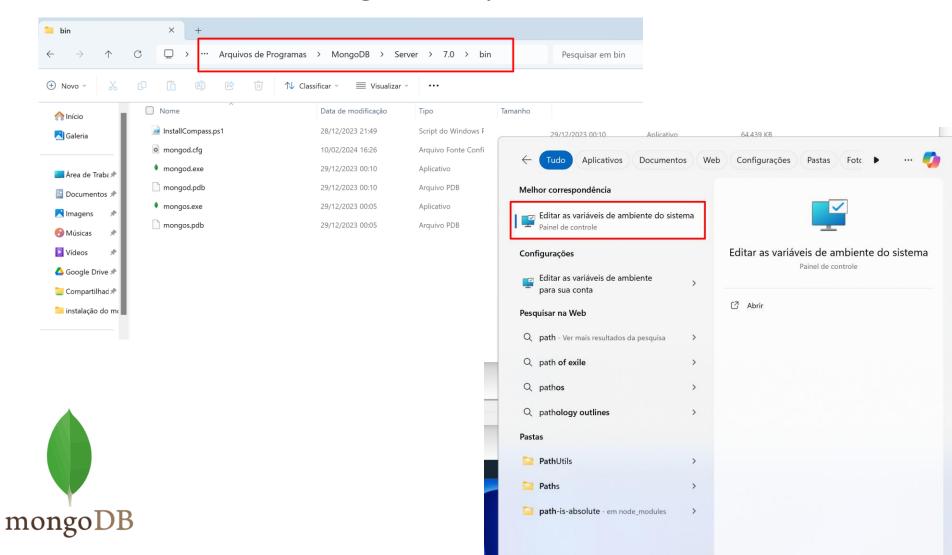
Propriedades de Mongo DB Server (Mongo DB) (Computador local) ×

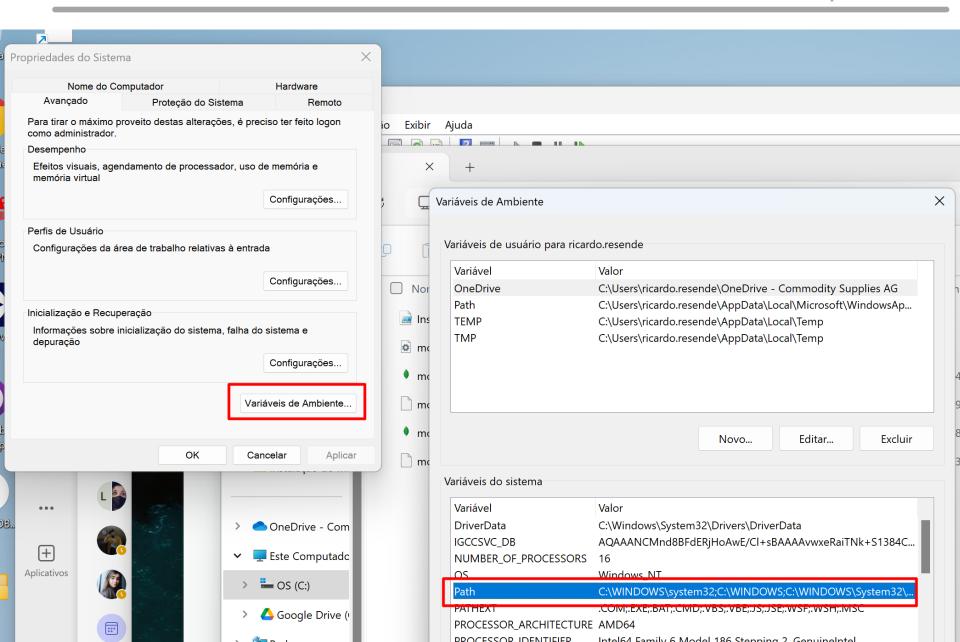
eral Nome	Logon do servic		peração Mongo		dências			
	de exibi			DB Sen	er (Mon	goDB)		
Descri	ção:	Mo	ongoDB D	atabase	Server	(MongoD	B)	•
Comin	nho do ex	rooutáv	el:					
			ngoDB\Se	erver\7.0\	bin\mon	god.exe"	-config "	C:\Progra
"C:\Pro		es\Mor	ngoDB\Se		bin\mon	god.exe"	config "	C:\Progra
"C:\Pro	ogram Fil	es\Mor		nático	bin\mon	god.exe"	config "	C:\Progra
"C:\Pro	ogram Fil	es\Mor	Auton	nático	bin\mon			C:\Progra
"C:\Pro	ogram Fil e inicializ do servid	es\Moração: ço:	Auton Em Execu Parar os parâm	nático	Pau	sar	Con	tinuar



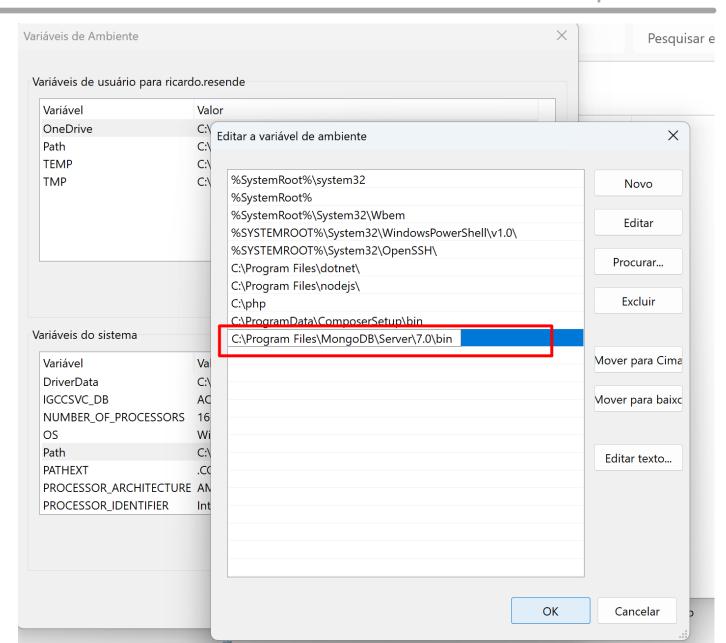


Adicionando o mongoDB no path do Windows.



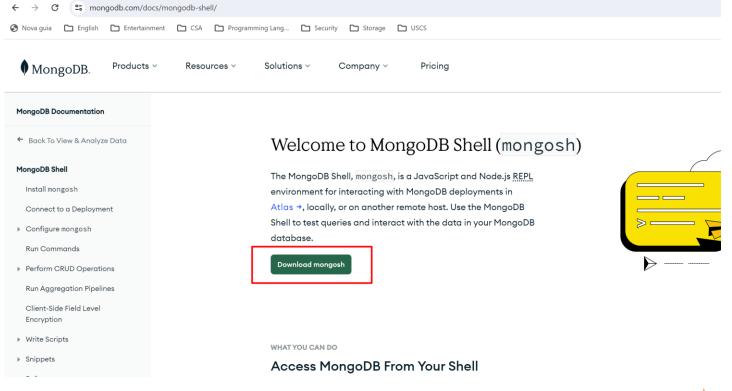


Material Complementar 2





 Acesse o endereço https://www.mongodb.com/docs/mongodb- shell/install/ para realizar o download do mongosh.





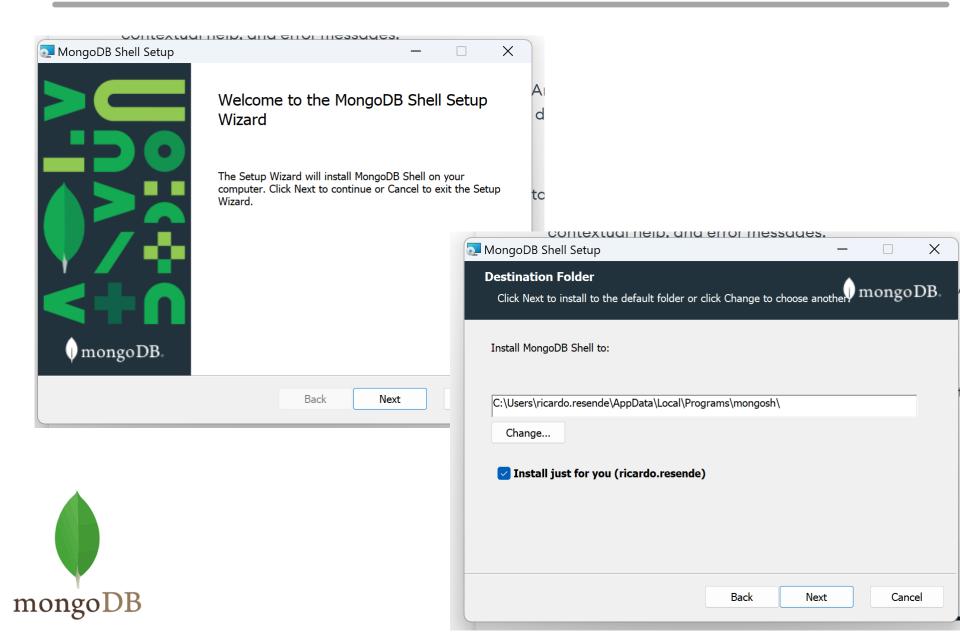


• Instalação usando o package msi

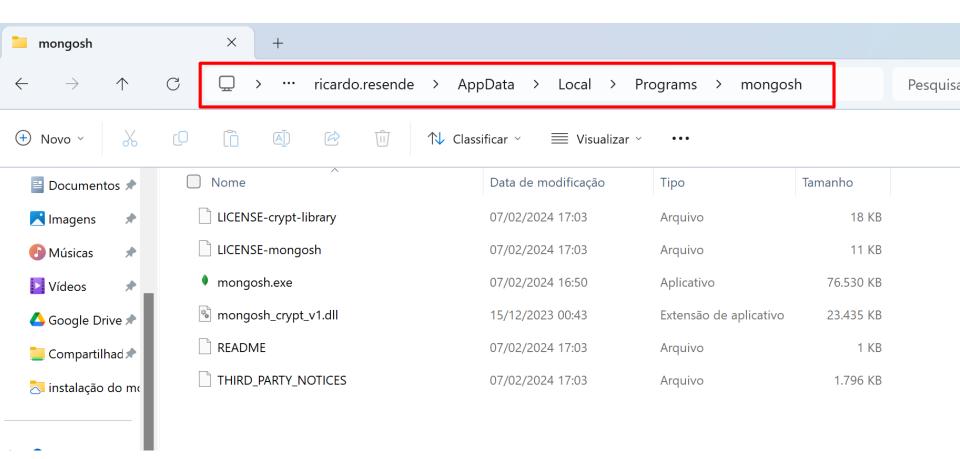
MongoDB Shell Download	
AnngoDB Shell is the quickest way to connect to (and work with) MongoDB. I data, configure settings, and execute other actions with this modern, extens command-line interface – replete with syntax highlighting, intelligent autocontextual help, and error messages.	sible
Compatibility Note: Red Hat Enterprise Linux (RHEL) 7, Amazon Linux 2, SUSI interprise Server (SLES) 12, and Ubuntu 18.04 support is deprecated and migle emoved in a later mongosh release.	
Note: MongoDB Shell is an open source (Apache 2.0), standalone product de eparately from the MongoDB Server.	eveloped
earn more	
Version 2.1.4	~
Platform Windows x64 (10+)	~
Package	
msi	~
Download & Copy link More O	







 Será necessário adicionar o diretório do mongosh no path do Windows. Siga o procedimento realizado para o MongoDB.



• Instalação por meio do package Zip

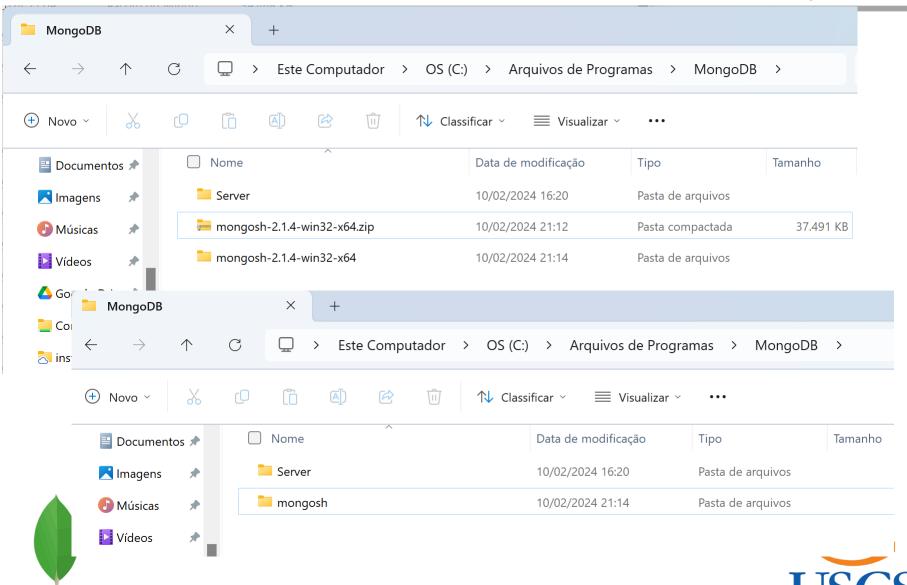
Download &

MongoDB Shell Download MongoDB Shell is the quickest way to connect to (and work with) MongoDB. Easily query data, configure settings, and execute other actions with this modern, extensible command-line interface - replete with syntax highlighting, intelligent autocomplete, contextual help, and error messages. Compatibility Note: Red Hat Enterprise Linux (RHEL) 7, Amazon Linux 2, SUSE Linux Enterprise Server (SLES) 12, and Ubuntu 18.04 support is deprecated and might be removed in a later mongosh release. Note: MongoDB Shell is an open source (Apache 2.0), standalone product developed separately from the MongoDB Server. Learn more Version 2.1.4 Platform Windows x64 (10+) Package zip

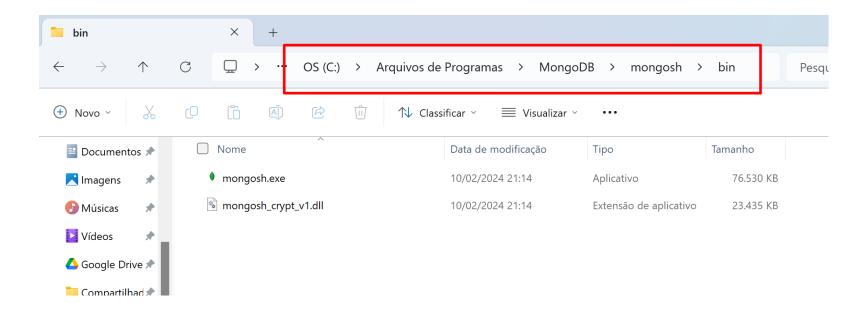
More Options ...







 Não se esqueça de adicionar o diretório do mongosh no path do Windows.







 Agora você terá acesso ao mongoDB por meio de qualquer terminal usando o comando "mongosh"

```
C:\Users\ricardo.resende>mongosh
Current Mongosh Log ID: 65c811bbb588600f038e7541
Connecting to: mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.1.4
Using MongoBB: 7.0.5
Using Mongosh: 2.1.4
For mongosh info see: https://docs.mongodb.com/mongodb-shell/
-----
The server generated these startup warnings when booting 2024-02-10T16:26:03.289-03:00: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted
-----
test>
```





Dúvidas?



