



# MySQL Workbench

Curso: Tecnologia em Gestão da Tecnologia da Informação  
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# Instalação

# Instalação

Faça o Download do MySQL Workbench através do link:

<https://dev.mysql.com/downloads/workbench/>

Caso tenha instalado o MySQL através do MySQL Installer Community, que já vem com o MySQL Workbench, não é necessário instalar novamente.

# Conexão com o MySQL

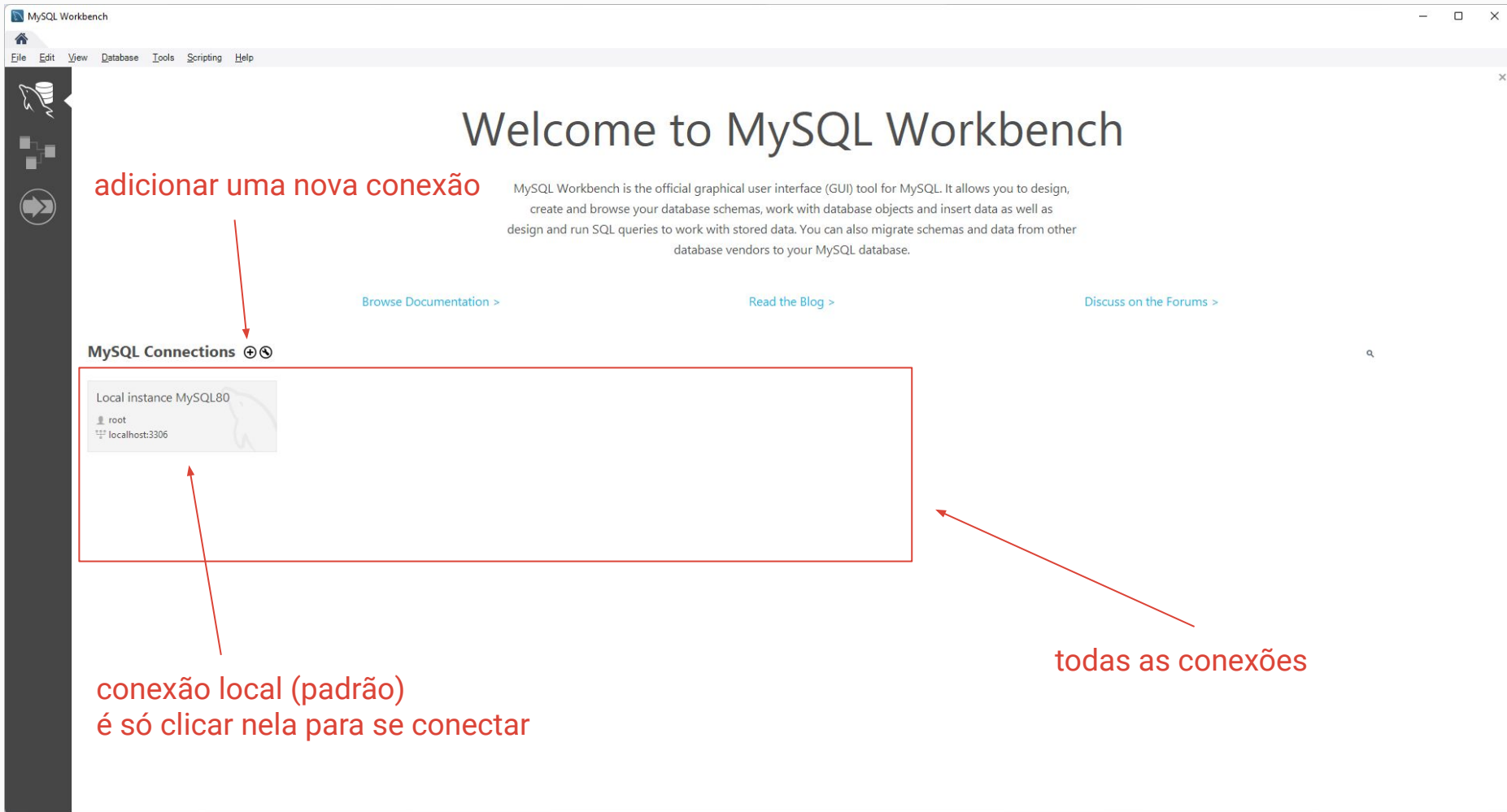
# Conexão com o MySQL

Para acessar o MySQL utilizando o MySQL Workbench é necessário informar o usuário e senha.

Por padrão o usuário é “root” (usuário raiz, com todos os privilégios) e a senha é “” (em branco).

Caso tenha fornecido um usuário/senha diferente na hora de instalar o MySQL, utilize o mesmo.

O HOST padrão é o 127.0.0.1 (quando o MySQL está instalado localmente).





Setup New Connection

## CASO QUEIRA CRIAR UMA NOVA CONEXÃO



Connection Name: MINHA CONEXÃO

Type a name for the connection

Connection Method: Standard (TCP/IP)

Method to use to connect to the RDBMS

Parameters

SSL

Advanced

Hostname: 127.0.0.1

Port: 3306

porta da conexão (3306 é a padrão do MySQL)

Name or IP address of the server host - and TCP/IP port.

Username: root

Name of the user to connect with.

Password:

Store in Vault ...

Clear

The user's password. Will be requested later if it's not set.

Default Schema:

The schema to use as default schema. Leave blank to select it later.

IP da conexão

nome do usuário

nome da conexão

caso queira salvar a senha

Configure Server Management...

Test Connection

Cancel

OK

Query



# O que é Query?

Query é uma solicitação de informações a um banco de dados. Mas não se trata de qualquer pergunta. Ela é baseada em um código pré-definido para obter as respostas que deseja.

Podem ser usadas linguagens mais simples ou complexas. Mas, em síntese, a mais comum é a SQL.

Só para complementar SQL e MySQL não são a mesma coisa. SQL é a linguagem de Query, enquanto MySQL é o software que utiliza essa mesma linguagem.

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

sys

Query 1 x

Limit to 1000 rows

1 SHOW DATABASES;

área para informar a Query a ser executada

executar Query

Result Grid

Filter Rows:

Export

Wrap Cell Contents

Database

information\_schema

mysql

performance\_schema

sys

Administration Schemas

Information

No object selected

resposta da Query executada

Result 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	20:13:33	SHOW DATABASES	4 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

New Model Ctrl+N  
New Query Tab Ctrl+T  
Open Model... Ctrl+O  
Open SQL Script... Ctrl+Shift+O  
Open Recent  
Run SQL Script...  
Close Connection Tab Ctrl+Shift+F4  
Close Tab Ctrl+W  
Save Script Ctrl+S  
Save Script As... Ctrl+Shift+S  
Revert to Saved  
Exit Alt+F4

para criar uma nova aba Query é só clicar em File -> New Query Tab

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Administration Schemas

Information

Schema:  
meu\_banco\_de\_dados

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 1	20:13:33	SHOW DATABASES	4 row(s) returned	0.000 sec / 0.000 sec
✓ 2	20:18:00	Apply changes to meu_banco_de_dados	Changes applied	
✓ 3	20:30:44	Apply changes to usuarios	Changes applied	
✓ 4	20:37:43	SELECT * FROM meu_banco_de_dados.usuarios LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
✓ 5	20:49:08	Apply changes to enderecos	Changes applied	

Object Info Session

Ready

Criando um novo Banco de Dados

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

sys

Load Spatial Data

Create Schema...

Refresh All

Query 1 x

Limit to 1000 rows

SHOW DATABASES;

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Database

information\_schema

mysql

performance\_schema

sys

Administration Schemas

Information

No object selected

Result 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	20:13:33	SHOW DATABASES	4 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Para criar um novo Banco de Dados é só clicar com o botão direito na área branca dentro de SCHEMAS e em Create Schema...

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

sys

Query 1 meu\_banco\_de\_dados - Schema

Name: meu\_banco\_de\_dados

Rename References

Charset/Collation: Default Charset! Default Collator

Specify the name of the schema here. You can use any combination of ANSI letters, numbers and the underscore character for names that don't require quoting. For more flexibility you can use the entire Unicode Basic Refactor model, changing all references found in view, triggers, stored procedures and functions from the old schema name to the new one.

The character set and its collation selected here will be used when no other charset/collation is set for a database object (it uses the DEFAULT value then). Setting DEFAULT here will make the schema to use the server defaults.

nome do banco

Administration Schemas

Information

No object selected

Schema

Apply Revert

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	20:13:33	SHOW DATABASES	4 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Sempre ao aplicar uma alteração, será apresentado o código SQL da Query que será executado.

Caso haja algum erro o mesmo também será apresentado ao aplicar.

## Apply SQL Script to Database

### Review SQL Script

Apply SQL Script

### Review the SQL Script to be Applied on the Database

Online DDL

Algorithm:

Default

Lock Type:

Default

```
1 CREATE SCHEMA `meu_banco_de_dados` ;  
2
```

SQL da Query que será executada ao aplicar

aplicar

Back

Apply

Cancel



## Apply SQL Script to Database

Review SQL Script

**Apply SQL Script**

### Applying SQL script to the database

The following tasks will now be executed. Please monitor the execution.  
Press Show Logs to see the execution logs.

☒ Execute SQL Statements

SQL script was successfully applied to the database.

Show Logs

Back

Finish

Cancel

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

Query 1 x

Limit to 1000 rows

SCHEMAS

Filter objects

meu\_banco\_de\_dados

sys

atualizar informações

banco de dados recém criado

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Database

information\_schema

mysql

performance\_schema

sys

Administration Schemas

Information

No object selected

Result 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	20:13:33	SHOW DATABASES	4 row(s) returned	0.000 sec / 0.000 sec
2	20:18:00	Apply changes to meu_banco_de_dados	Changes applied	

Object Info Session

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

# Excluir um Banco de Dados

Para excluir um banco de dados é só clicar com o botão direito em cima dele e clicar em “Drop Schema...”.

Criando a primeira tabela

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

meu\_banco\_de\_dados

Tables

Views

Stored Procedures

Functions

sys

Create Table...

Create Table Like...

Search Table Data...

Table Data Import Wizard

Refresh All

Para criar uma nova tabela temos que expandir o Banco de Dados e clicar com o botão direito em Tables e depois em Create Table...

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Database

information\_schema

mysql

performance\_schema

sys

Administration Schemas

Information

Schema: meu\_banco\_de\_dados

Result 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	20:13:33	SHOW DATABASES	4 row(s) returned	0.000 sec / 0.000 sec
2	20:18:00	Apply changes to meu_banco_de_dados	Changes applied	

Object Info Session

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

meu\_banco\_de\_dados

Tables

Views

Stored Procedures

Functions

sys

Query 1 usuarios - Table x

Table Name: usuarios ← nome da tabela Schema: meu\_banco\_de\_dados

Charset/Collation: Default Charset Default Collation Engine: InnoDB

Comments:

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	A1	G	Default/Expression
id	INT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
nome	VARCHAR(80)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
cpf	CHAR(11)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
data_nascimento	DATE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
saldo_conta	FLOAT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0

nome das colunas (atributos)

tipo do dado da coluna

PRIMARY KEY (chave primária)

NOT NULL (não nulo)

UNIQUE (registro único)

AUTO INCREMENT (auto incremento)

valor padrão

Administration Schemas

Information

Schema: meu\_banco\_de\_dados

Columns

Indexes Foreign Keys Triggers Partitioning Options

Apply Revert Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	20:13:33	SHOW DATABASES	4 row(s) returned	0.000 sec / 0.000 sec
2	20:18:00	Apply changes to meu_banco_de_dados	Changes applied	

Object Info Session

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Query 1 usuarios - Table x

Table Name: usuarios Schema: meu\_banco\_de\_dados

Charset/Collation: Default Charset Default Collation Engine: InnoDB

Comments:

Index Name Type

Index Name	Type
PRIMARY	PRIMARY
cpf_UNIQUE	UNIQUE

Index Columns

Column	#	Order	Length
<input type="checkbox"/> id		ASC	
<input type="checkbox"/> nome		ASC	
<input checked="" type="checkbox"/> cpf	1	ASC	
<input type="checkbox"/> data_nascimento		ASC	
<input type="checkbox"/> saldo_conta		ASC	

Index Options

Storage Type:

Key Block Size: 0

Parser:

Visible: ☒

Index Comment:

Nome das nossas restrições (constraints)

Tipo da restrição

Colunas envolvidas na restrição

Administration Schemas

Information

Schema: meu\_banco\_de\_dados

Columns Indexes Foreign Keys Triggers Partitioning Options

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	20:13:33	SHOW DATABASES	4 row(s) returned	0.000 sec / 0.000 sec
2	20:18:00	Apply changes to meu_banco_de_dados	Changes applied	

Object Info Session

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

meu\_banco\_de\_dados

Tables

usuarios

Columns

- id
- nome
- cpf
- data\_nascimento
- saldo\_conta

Indexes

- PRIMARY
- cpf\_UNIQUE

Foreign Keys

Triggers

Views

Stored Procedures

Functions

sys

Query 1 x

Limit to 1000 rows

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Administration Schemas

Information

Table: usuarios

Columns:

- id int A1 PK
- nome varchar(80)
- cpf char(11)
- data\_nascimento date
- saldo\_conta float

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	20:13:33	SHOW DATABASES	4 row(s) returned	0.000 sec / 0.000 sec
2	20:18:00	Apply changes to meu_banco_de_dados	Changes applied	
3	20:30:44	Apply changes to usuarios	Changes applied	

Object Info Session

Banco de Dados expandido, apresentando as tabelas e suas colunas.



# Excluir uma tabela

Para excluir uma tabela é só clicar com o botão direito em cima da tabela e clicar em “Drop Table...”.

Visualizar e inserir novos registros

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Query 1 usuarios

1 • `SELECT * FROM meu_banco_de_dados.usuarios;`

Visualizar registros

consultar novamente

Query que executa uma consulta e retorna todos os registros da tabela

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Table: usuarios

Columns:

- id int AI PK
- nome varchar(80)
- cpf char(11)
- data\_nascimento date
- saldo\_conta float

Result Grid

	id	nome	cpf	data_nascimento	saldo_conta
*					

usuarios 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	20:13:33	SHOW DATABASES	4 row(s) returned	0.000 sec / 0.000 sec
2	20:18:00	Apply changes to meu_banco_de_dados	Changes applied	
3	20:30:44	Apply changes to usuarios	Changes applied	
4	20:37:43	SELECT * FROM meu_banco_de_dados.usuarios LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

meu\_banco\_de\_dados

Tables

usuarios

Columns

- id
- nome
- cpf
- data\_nascimento
- saldo\_conta

Indexes

- PRIMARY
- cpf\_UNIQUE

Foreign Keys

Triggers

Views

Stored Procedures

Functions

sys

Query 1

Limit to 1000 rows

1 • SELECT \* FROM meu\_banco\_de\_dados.usuarios;

Na listagem de linhas da tabela é possível adicionar um novo registro ou editar algum registro já existente

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid

	id	nome	cpf	data_nascimento	saldo_conta
✓	1	João Paulo	47839450040	1991-12-31	100
✗	2	NULL	NULL	NULL	NULL
✗	3	NULL	NULL	NULL	NULL

Aplicar para salvar as alterações realizadas

Administration Schemas

Information

Table: usuarios

Columns:

- id int(11) PK
- nome varchar(80)
- cpf char(11)
- data\_nascimento date
- saldo\_conta float

usuarios 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	20:13:33	SHOW DATABASES	4 row(s) returned	0.000 sec / 0.000 sec
2	20:18:00	Apply changes to meu_banco_de_dados	Changes applied	
3	20:30:44	Apply changes to usuarios	Changes applied	
4	20:37:43	SELECT * FROM meu_banco_de_dados.usuarios LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

SQLAdditions

Jump to

Result Grid

Form Editor

Field Types

Query Stats

Context Help Snippets

Apply Revert

Criando a segunda tabela, com chave estrangeira que faz referência para a primeira tabela

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Query 1 usuarios enderecos - Table x

SCHEMAS

Filter objects

meu\_banco\_de\_dados

Tables

usuarios

Columns

- id
- nome
- cpf
- data\_nascimento
- saldo\_conta

Indexes

- PRIMARY
- cpf\_UNIQUE

Foreign Keys

Triggers

Views

Stored Procedures

Functions

sys

Administration Schemas

Information

Schema: meu\_banco\_de\_dados

Table Name: enderecos Schema: meu\_banco\_de\_dados

Charset/Collation: Default Charset Default Collation Engine: InnoDB

Comments:

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	A1	G	Default/Expression
id	INT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
endereco	VARCHAR(80)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
numero	VARCHAR(20)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
uf	CHAR(2)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
cidade	VARCHAR(60)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
cep	CHAR(8)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
usuario_id	INT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Vamos adicionar um novo atributo na tabela enderecos. Ele deve ser INT (mesmo tipo da PK da tabela usuarios)

Column Name: usuario\_id

Charset/Collation: Default Charset Default Collation

Comments:

Data Type: INT

Default:

Storage: ☐ Virtual ☐ Stored

☐ Primary Key ☒ Not Null ☐ Unique

☐ Binary ☐ Unsigned ☐ Zero Fill

☐ Auto Increment ☐ Generated

Columns Indexes Foreign Keys Triggers Partitioning Options

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	20:13:33	SHOW DATABASES	4 row(s) returned	0.000 sec / 0.000 sec
2	20:18:00	Apply changes to meu_banco_de_dados	Changes applied	
3	20:30:44	Apply changes to usuarios	Changes applied	
4	20:37:43	SELECT * FROM meu_banco_de_dados.usuarios LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

meu\_banco\_de\_dados

Tables

usuarios

Columns

id

nome

cpf

data\_nascimento

saldo\_conta

Indexes

PRIMARY

cpf\_UNIQUE

Foreign Keys

Triggers

Views

Stored Procedures

Functions

sys

Administration Schemas

Information

Schema: meu\_banco\_de\_dados

Query 1 usuarios enderecos - Table x

Table Name: enderecos Schema: meu\_banco\_de\_dados

Charset/Collation: Default Charset Default Collation Engine: InnoDB

Comments:

Foreign Key Name Referenced Table

fk\_usuarios "meu\_banco\_de\_dados"."usuarios"

Column Referenced Column

☐ id

☐ endereco

☐ numero

☐ uf

☐ cidade

☐ cep

☒ usuario\_id id

Foreign Key Options

On Update: NO ACTION

On Delete: NO ACTION

☐ Skip in SQL generation

Foreign Key Comment

tabela na qual queremos referenciar

nome da coluna da tabela na qual queremos referenciar (chave primária)

nome da chave estrangeira (deve ser um nome único por banco de dados)

nome da coluna da tabela atual (chave estrangeira)

Columns Indexes Foreign Keys Triggers Partitioning Options

Apply Revert Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	20:13:33	SHOW DATABASES	4 row(s) returned	0.000 sec / 0.000 sec
2	20:18:00	Apply changes to meu_banco_de_dados	Changes applied	
3	20:30:44	Apply changes to usuarios	Changes applied	
4	20:37:43	SELECT * FROM meu_banco_de_dados.usuarios LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Fazer engenharia reversa para  
Diagrama EER



MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Connect to Database... Ctrl+U  
Manage Connections...  
Reverse Engineer... Ctrl+R  
Schema Transfer Wizard...  
Migration Wizard...  
Edit Type Mappings for Generic Migration...  
Search Table Data...

Limit to 1000 rows

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Administration Schemas

Information

Schema:  
meu\_banco\_de\_dados

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	20:13:33	SHOW DATABASES	4 row(s) returned	0.000 sec / 0.000 sec
2	20:18:00	Apply changes to meu_banco_de_dados	Changes applied	
3	20:30:44	Apply changes to usuarios	Changes applied	
4	20:37:43	SELECT * FROM meu_banco_de_dados.usuarios LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
5	20:49:08	Apply changes to enderecos	Changes applied	

Object Info Session

## Connection Options

Connect to DBMS

Select Schemas

Retrieve Objects

Select Objects

Reverse Engineer

Results

## Set Parameters for Connecting to a DBMS

Stored Connection:  Select from saved connection settings

Connection Method:  Standard (TCP/IP) Method to use to connect to the RDBMS

Parameters SSL Advanced

Hostname:  127.0.0.1 Port:  3306 Name or IP address of the server host - and TCP/IP port.

Username:  root Name of the user to connect with.

Password:  Store in Vault ...  The user's password. Will be requested later if it's not set.

Back

Next

Cancel

Connection Options

**Connect to DBMS**

Select Schemas

Retrieve Objects

Select Objects

Reverse Engineer

Results

**Connect to DBMS and Fetch Information**

The following tasks will now be executed. Please monitor the execution.  
Press Show Logs to see the execution logs.

- ☒ Connect to DBMS
- ☒ Retrieve Schema List from Database
- ☒ Check Common Server Configuration Issues

Execution Completed Successfully

Fetch finished.

**Message Log**

Operation failed: Access denied for user 'root'@'localhost' (using password: NO)  
Fetching schema list.  
OK

[Hide Logs](#)[Back](#)[Next](#)[Cancel](#)

[Connection Options](#)[Connect to DBMS](#)**[Select Schemas](#)**[Retrieve Objects](#)[Select Objects](#)[Reverse Engineer](#)[Results](#)

### Select Schemas to Reverse Engineer



Select the schemas you want to include:

☒ meu\_banco\_de\_dados

[Back](#)[Next](#)[Cancel](#)

[Connection Options](#)[Connect to DBMS](#)[Select Schemas](#)**[Retrieve Objects](#)**[Select Objects](#)[Reverse Engineer](#)[Results](#)

### Retrieve and Reverse Engineer Schema Objects

The following tasks will now be executed. Please monitor the execution. Press Show Logs to see the execution logs.

- ☒ Retrieve Objects from Selected Schemas
- ☒ Check Results

Retrieval Completed Successfully  
Finished.

[Show Logs](#)[Back](#)[Next](#)[Cancel](#)

Connection Options

Connect to DBMS

Select Schemas

Retrieve Objects

**Select Objects**

Reverse Engineer

Results

**Select Objects to Reverse Engineer**☒ Import MySQL Table Objects

2 Total Objects, 2 Selected

Show Filter

☒ Place imported objects on a diagram

Back

Execute &gt;

Cancel

[Connection Options](#)[Connect to DBMS](#)[Select Schemas](#)[Retrieve Objects](#)[Select Objects](#)**[Reverse Engineer](#)**[Results](#)

### Reverse Engineering Progress

The following tasks will now be executed. Please monitor the execution.  
Press Show Logs to see the execution logs.

- ☒ Reverse Engineer Selected Objects
- ☒ Place Objects on Diagram

Operation Completed Successfully

[Show Logs](#)[Back](#)[Next](#)[Cancel](#)

Connection Options

Connect to DBMS

Select Schemas

Retrieve Objects

Select Objects

Reverse Engineer

**Results**

## Reverse Engineering Results

Summary of Reverse Engineered Objects:

- 2 tables from schema 'meu\_banco\_de\_dados'

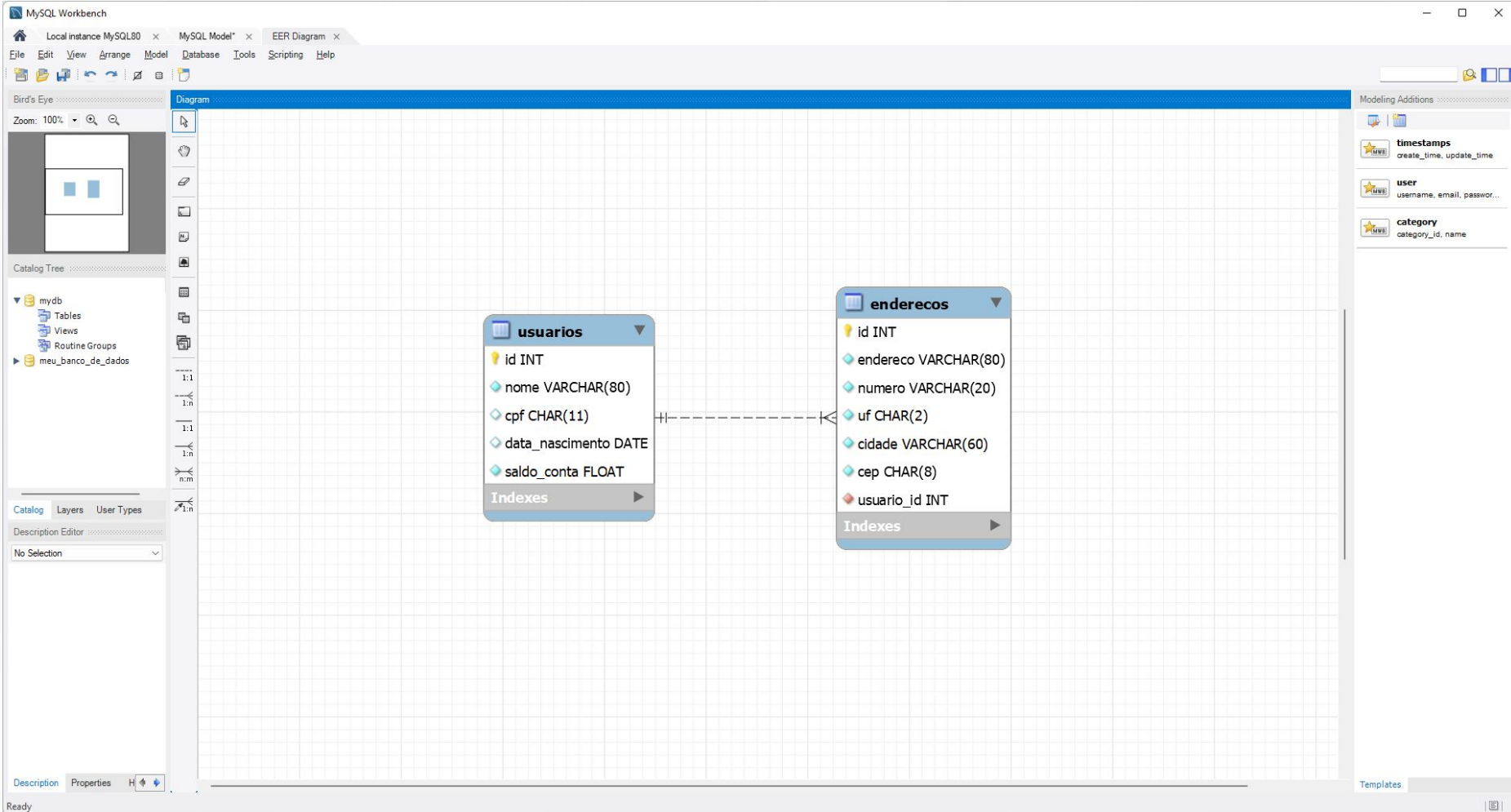
Back

Finish

Cancel



# Diagrama EER



# Bibliografia

- <https://coodesh.com/blog/dicionario/o-que-e-query>
- <https://www.mysql.com/>
- <https://www.mysql.com/products/workbench/>