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Disciplina:

Programação Web

Infraestrutura para o Desenvolvimento Backend

Acessando o SGBD MySQL para manipulação de bases de dados



XAMPP Control Panel v3.3.0

Modules

Service	Module	PID(s)	Port(s)	Actions
<input type="checkbox"/>	Apache			<div>StartAdminConfigLogs</div>
<input type="checkbox"/>	MySQL			<div>StartAdminConfigLogs</div>
<input type="checkbox"/>	FileZilla			<div>StartAdminConfigLogs</div>
<input type="checkbox"/>	Mercury			<div>StartAdminConfigLogs</div>
<input type="checkbox"/>	Tomcat			<div>StartAdminConfigLogs</div>

Config

Netstat

Shell

Explorer

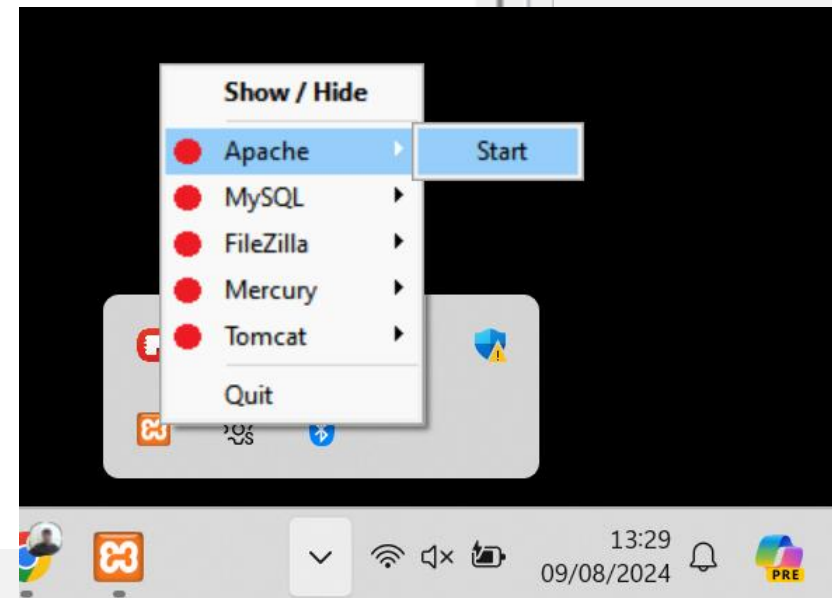
Services

Help

Quit

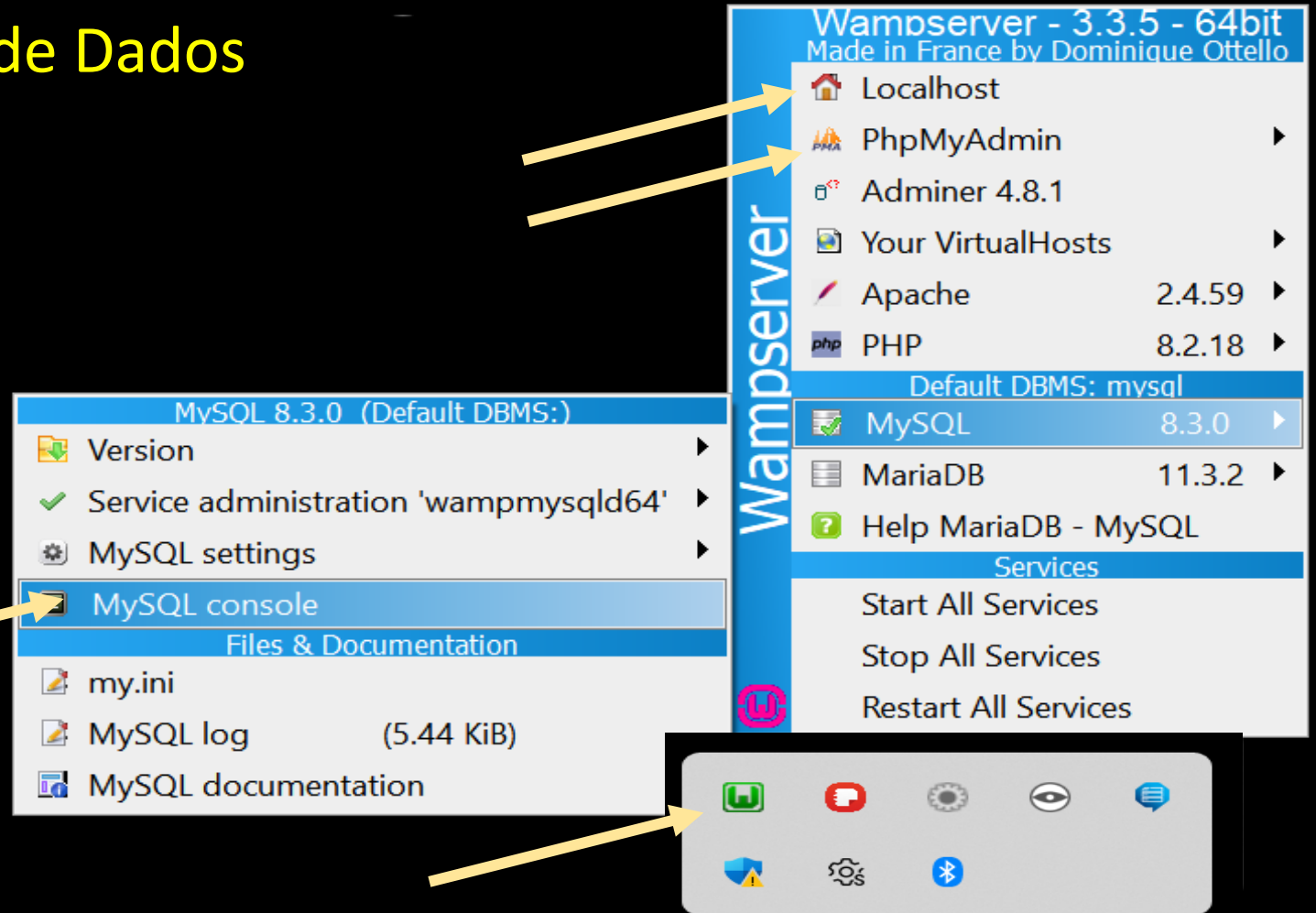
Startar o
Apache e o
MySQL

```
13:27:16 [main] Initializing Control Panel
13:27:16 [main] Windows Version: Home 64-bit
13:27:16 [main] XAMPP Version: 8.1.2
13:27:16 [main] Control Panel Version: 3.3.0 [ Compiled: Apr 6th 2021 ]
13:27:16 [main] You are not running with administrator rights! This will work for
13:27:16 [main] most application stuff but whenever you do something with services
13:27:16 [main] there will be a security dialogue or things will break! So think
13:27:16 [main] about running this application with administrator rights!
13:27:16 [main] XAMPP Installation Directory: "c:\xampp\"
13:27:16 [main] Checking for prerequisites
13:27:18 [main] All prerequisites found
13:27:18 [main] Initializing Modules
13:27:18 [mysql] Problem detected!
```



Acesso aos serviços do Wampserver


- Iniciar o servidor de Banco de Dados
- Iniciar o servidor Web
- Iniciar o site em Localhost



Localhost – Site padrão do Wampserver ou XAMPP

localhost/?lang=english

あA☆[]☆+🍏



Wampserver

Apache 2.4 - MySQL 5 & 8 - MariaDB 10 - PHP 5, 7 & 8

Version 3.3.5 - 64bit

english

classic

Server Configuration

Apache Version: 2.4.59 - [Documentation Apache](#)

Server Software: Apache/2.4.59 (Win64) PHP/8.2.18 mod_fcgid/2.3.10-dev - Port defined for Apache: 80





PHP Version: [\[Apache module\]](#) 8.2.18 - [Documentation PHP](#) - [Loaded PHP extensions](#) - [Use of PHP versions](#)

[\[FCGI\]](#) 7.4.33 - 8.0.30 - 8.1.28 - 8.2.18 - 8.3.6 - [FCGI mode help](#)

MySQL Version: 8.3.0 - Port defined for MySQL: 3306 - default DBMS - [Documentation MySQL](#)

MariaDB Version: 11.3.2 - Port defined for MariaDB: 3307 - [Documentation MariaDB](#) - [MySQL](#) - [MariaDB](#)

Tools



-  [phpinfo\(\)](#)
-  [xdebug_info\(\)](#)
-  [PhpSysInfo 3.4.3](#)
-  [Add a Virtual Host](#)

Your Projects (1)


site1

These are your folders in c:/wamp64/www
To use them as an http link, you must declare them as VirtualHost.
However, you can use Right-Click, Wamp Settings, Warning: risky..., Allow links on projects...

Your Aliases (2)

-  [adminer 4.8.1](#)
-  [PhpMyAdmin 5.2.1](#)

Your VirtualHost (1)

-  [localhost](#)

[Wampserver Forum](#)

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Logon no BD MySql através do site phpMyAdmin

← ↻ ⓘ localhost/phpmyadmin/index.php?route=/

A 🔖 📄 ⭐ 📁 🛡️



Bem-vindo ao phpMyAdmin

Idioma (*Language*)

Português (Brasil) - Portuguese (Brazil) ▼

Entrar ⓘ

Usuário: root

Senha:

Escolha de
servidor:

MySQL ▼

Entrar

Gerenciamento do BD MySql através do site phpMyAdmin

←

↺

localhost/phpmyadmin/index.php?route=/&route=%2F

A

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📄

🌟

🔖

📌

📌

...

phpMyAdmin

🏠

📁

🔑

⚙️

💰

Servidor atual:

MySQL

Recente

Favoritos

+

 Novo

+

 dbteste

+

 information_schema

+

 mysql

+

 performance_schema

+

 sys

Servidor: MySQL:3306

Bancos de dados

SQL

Status

Contas de usuário

Exportar

Importar

Configurações

Mais

Configurações gerais

🔑 Alterar a senha

☰ Collation de conexão do servidor MySQL: utf8mb4_unicode_ci

🔑 Mais configurações

Configurações do Tema

🗣️ Idioma (Language) Português (Brasil) - Portuguese (Brazil)

🎨 Tema pmahomme Ver todos

Servidor de banco de dados

- Servidor: MySQL (127.0.0.1 via TCP/IP)
- Tipo de servidor: MySQL
- Conexão do servidor: O SSL não está sendo usado
- Versão do servidor: 8.3.0 - MySQL Community Server - GPL
- Versão de protocolo: 10
- Usuário: root@localhost
- Charset do servidor: UTF-8 Unicode (utf8mb4)

Servidor web

- Apache/2.4.59 (Win64) PHP/8.2.18 mod_fcgid/2.3.10-dev
- Versão do cliente de banco de dados: libmysql - mysqlnd 8.2.18
- Extensão do PHP: mysqli curl mbstring
- Versão do PHP: 8.2.18

Console

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Gerenciamento do BD MySql através Console

XAMPP Control Panel v3.2.4 [Compiled: Mar 7th 2019]

XAMPP Control Panel v3.2.4

Service	Module	PID(s)	Port(s)	Actions
<input type="checkbox"/>	Apache			Start Admin Config Logs
<input checked="" type="checkbox"/>	MySQL	3456	3306	Stop Admin Config Logs
<input type="checkbox"/>	FileZilla			Start Admin Config Logs
<input type="checkbox"/>	Mercury			Start Admin Config Logs
<input type="checkbox"/>	Tomcat			Start Admin Config Logs

Config Netstat **Shell** Explorer Services Help Quit

14:34:25 [main] Initializing Control Panel
14:34:25 [main] Windows Version: Home 64-bit
14:34:25 [main] XAMPP Version: 7.3.6
14:34:25 [main] Control Panel Version: 3.2.4 [Compiled: Mar 7th 2019]
14:34:25 [main] You are not running with administrator rights! This will v
14:34:25 [main] most application stuff but whenever you do something v
14:34:25 [main] there will be a security dialogue or things will break! So
14:34:25 [main] about running this application with administrator rights!
14:34:25 [main] XAMPP Installation Directory: "c:\xampp7\
14:34:25 [main] Checking for prerequisites
14:34:26 [main] All prerequisites found
14:34:26 [main] Initializing Modules
14:34:26 [main] Starting Check-Timer
14:34:26 [main] Control Panel Ready
14:34:29 [mysql] Attempting to start MySQL app...
14:34:29 [mysql] Status change detected: running

Abra o Console do MySQL

Para logar no Mysql digite :
mysql -u root

```
XAMPP for Windows - mys x + v
Setting environment for using XAMPP for Windows.
Renato@RENATO-550XDA c:\xampp7
# mysql -u root
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 16
Server version: 10.3.15-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> |
```


Comandos básicos do SQL visto em aula

- ✓ `mysql -u root`
- ✓ `show databases;`
- ✓ `create database nome_do_banco;`
- ✓ `use nome_do_banco;`
- ✓ `show tables;`
- ✓ `create teable cliente(id int Primary Key,nome varchar(45),email varchar(25),telefone int(9));`
- ✓ `show tables;`
- ✓ `discribe cliente;`
- ✓ `insert into cliente(id,nome,email,telefone) Value(57,'Kelly Maria dos Santos', 'kelly@gmail.com',
923455665);`
- ✓ `select * from cliente;`

Atividade para praticar (não vale nota)

Criar uma nova Base de Dados com 3 tabelas e inserir 5 registros dados em todas.

Pratique todos os comando vistos.

Exemplo de Bases de dados e tabelas que podem ser criados:

- ☐ Biblioteca (livros, editora, autor)
- ☐ Locadora_de_veiculo (veículo, cliente, locação)
- ☐ Loja_Varejo(cliente, produto, vendas)
- ☐ Escola(aluno, professor, curso)

etc

Te espero na próxima aula!