

Aluno: Luiz Eduardo Pinheiro Ribeiro

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av-07:pynb
Arquivo Editar Ver Inserir Ambiente de execução Ferramentas Ajuda
Comandos + Código + Texto > Executar tudo
RAM Disco
[7] !apt-get -y install mysql-server
!pip install mysql-connector-python

Unpacking libhttp-message-perl (6.36-1) ...
Selecting previously unselected package mecab-utils.
Preparing to unpack .../21-mecab-utils_0.996-14build9_amd64.deb ...
Unpacking mecab-utils (0.996-14build9) ...
Selecting previously unselected package mecab-ipadic.
Preparing to unpack .../22-mecab-ipadic_2.7.0-20070801+main-3_all.deb ...
Unpacking mecab-ipadic (2.7.0-20070801+main-3) ...
Selecting previously unselected package mecab-ipadic-utf8.
Preparing to unpack .../23-mecab-ipadic-utf8_2.7.0-20070801+main-3_all.deb ...
Unpacking mecab-ipadic-utf8 (2.7.0-20070801+main-3) ...
Selecting previously unselected package mysql-server.
Preparing to unpack .../24-mysql-server_8.0.42-0ubuntu0.22.04.2_all.deb ...
Unpacking mysql-server (8.0.42-0ubuntu0.22.04.2) ...
Setting up libhttp-date-perl (6.05-1) ...
Setting up libmecab2:amd64 (0.996-14build9) ...
Setting up mysql-client-core-8.0 (8.0.42-0ubuntu0.22.04.2) ...
Setting up libfcgi0ldbl:amd64 (2.4.2-2ubuntu0.1) ...
Setting up libclone-perl (0.45-1build3) ...
Setting up libhtml-tagset-perl (3.20-4) ...
Setting up liblwp-mediatypes-perl (6.04-1) ...
Setting up libfcgi-bin (2.4.2-2ubuntu0.1) ...
Setting up libencode-locale-perl (1.05-1.1) ...
Setting up libretrobf-libs:amd64 (1:12.4.1ubuntu7.22.04.4) ...
Setting up mecab-utils (0.996-14build9) ...
Setting up libio-html-perl (1.004-2) ...
Setting up mysql-server-core-8.0 (8.0.42-0ubuntu0.22.04.2) ...
Setting up mysql-client-8.0 (8.0.42-0ubuntu0.22.04.2) ...
Setting up libfcgi-perl:amd64 (0.82ds-1build1) ...
Setting up liburi-perl (6.10-1) ...
Setting up libhttp-message-perl (6.36-1) ...
Setting up mysql-server-8.0 (8.0.42-0ubuntu0.22.04.2) ...
invoke-rc.d: could not determine current runlevel
invoke-rc.d: policy-rc.d denied execution of stop.
update-alternatives: using /etc/mysql/mysql.cnf to provide /etc/mysql/my.cnf (my.cnf) in auto mode
Removing removed key buffer and myisam-recover options (if present)
mysqld will log errors to /var/log/mysql/error.log
mysqld is running as pid 3562
Created symlink /etc/systemd/system/multi-user.target.wants/mysql.service → /lib/systemd/system/mysql.service.
invoke-rc.d: could not determine current runlevel
invoke-rc.d: policy-rc.d denied execution of start.
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av-07:pynb
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[8] !service mysql start

* Starting MySQL database server mysqld
su: warning: cannot change directory to /nonexistent: No such file or directory
...done.

[9] !mysql -e "ALTER USER 'root'@'localhost' IDENTIFIED WITH 'mysql_native_password' BY 'root'; FLUSH PRIVILEGES;"

[10] import mysql.connector
conn = mysql.connector.connect(
    host='localhost',
    user='root',
    password='root'
)
cursor = conn.cursor()

[11] cursor.execute("CREATE DATABASE IF NOT EXISTS empresa")
cursor.execute("USE empresa")

[12] cursor.execute("""
CREATE TABLE IF NOT EXISTS funcionarios (
    id INT AUTO_INCREMENT PRIMARY KEY,
    nome VARCHAR(100),
    salario DECIMAL(10,2)
)
""")
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[12] """

[13] cursor.execute("DROP FUNCTION IF EXISTS calcular_bonus")
cursor.execute("""
CREATE FUNCTION calcular_bonus (sal DECIMAL(10,2))
RETURNS DECIMAL(10,2)
DETERMINISTIC
BEGIN
RETURN sal * 0.10;
END
""")

[14] cursor.execute("DROP PROCEDURE IF EXISTS adicionar_funcionario")
cursor.execute("""
CREATE PROCEDURE adicionar_funcionario (
    IN p_nome VARCHAR(100),
    IN p_salario DECIMAL(10,2)
)
BEGIN
INSERT INTO funcionarios (nome, salario) VALUES (p_nome, p_salario);
END
""")

[15] cursor.callproc('adicionar_funcionario', ['Maria Clara', 3000.00])
conn.commit()

cursor.execute("SELECT nome, salario, calcular_bonus(salario) AS bonus FROM funcionarios")
for (nome, salario, bonus) in cursor.fetchall():
    print(f"({nome}) | Salário: R${salario} | Bônus: R${bonus}")

Maria Clara | Salário: R$3000.00 | Bônus: R$300.00
```