

POSTGRESS

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CREATE DATABASE

```
[computacao@dbserver2 ~]$ psql -U postgres
Password for user postgres:
psql (15.2)
Type "help" for help.
```

```
postgres=# CREATE DATABASE banco_de_dados
postgres=# WITH OWNER = postgres
postgres=# TEMPLATE = template0
postgres=# ENCODING = 'UTF-8'
postgres=# LC_COLLATE = 'pt_BR.utf-8'
postgres=# LC_CTYPE = 'pt_BR.utf-8'
postgres=# TABLESPACE = 'pg_default'
postgres=# CONNECTION LIMIT = -1;
CREATE DATABASE
```

CREATE USER

```
postgres=# CREATE USER felipe WITH
postgres=# SYSID 100
postgres=# CREATEDB
postgres=# CREATEROLE
postgres=# IN GROUP computacao
postgres=# ENCRYPTED PASSWORD 'oi';
NOTICE:  SYSID can no longer be specified
CREATE ROLE
```

TABELA TESTE

```
postgres=# CREATE TABLE tb_funcionarios(
postgres(# codigo integer NOT NULL,
postgres(#
postgres(# nome character varying(100) NOT NULL,
postgres(# email character varying(100) NOT NULL,
postgres(# telefone character varying(14),
postgres(# CONSTRAINT pk_funcionario PRIMARY KEY (cod
igo))
postgres-# WITH(
postgres(# OIDS=FALSE);
CREATE TABLE
postgres=# █
```

Inserindo dados na tabela:

```
CREATE TABLE
postgres=# INSERT INTO tb_funcionarios(codigo, nome, email, telefone)
postgres-# VALUES (1,'Edson Dionisio', 'edson.dionisio@gmail.com', '81997402803');
INSERT 0 1
postgres=# INSERT INTO tb_funcionarios(codigo, nome, email, telefone)
postgres-# VALUES (2,'Marilia Kessia', 'mkessia@gmail.com', '81997402810');
INSERT 0 1
postgres=# INSERT INTO tb_funcionarios(codigo, nome, email, telefone)
postgres-# VALUES (3,'Caroline Franca', 'carol.dionisio@gmail.com', '81997402123');
INSERT 0 1
postgres=# INSERT INTO tb_funcionarios(codigo, nome, email, telefone)
postgres-# VALUES (4,'Maite Dionisio', 'maite.dionisio@gmail.com', '81997402322');
INSERT 0 1
postgres=# INSERT INTO tb_funcionarios(codigo, nome, email, telefone)
postgres-# VALUES (5,'Tatsu Yamashiro', 'tatsu.yamashiro@arrow.com', '99999740999');
INSERT 0 1
postgres=# INSERT INTO tb_funcionarios(codigo, nome, email, telefone)
postgres-# VALUES (6,'Alice Silva', 'alice.silva@emailficticio.com', '98765-4321');
INSERT 0 1
```

CREATE TABLE com tipos de dados

```
postgres=# CREATE TABLE clientes (id SERIAL PRIMARY KEY, data JSON);
CREATE TABLE
```

Adicionando dados:

```
postgres=# INSERT INTO clientes VALUES (1, '{"nome": "Maria Joana", "email": "marijo@gmail.com"}')
;
INSERT 0 1
postgres=# INSERT INTO clientes VALUES (2, '{ "nome": "José Silva", "email": "jose.silva@gmail.c
om" }');
INSERT 0 1
postgres=# INSERT INTO clientes VALUES (3, '{ "nome": "Joana Souza", "email": "joana.souza@gmail
.com" }');
INSERT 0 1
postgres=# INSERT INTO clientes VALUES (4, '{ "nome": "Maria Oliveira", "email": "maria.oliveira
@gmail.com" }');
INSERT 0 1
```

Arrays:

```
postgres=# CREATE TABLE funcionarios_details(
postgres(# nome character varying(100),
postgres(# salario_semestre integer[],
postgres(# agenda text[][]);
CREATE TABLE
postgres=# INSERT INTO funcionarios_details VALUES ('Abrantes Araujo', '{300,100,9000}', '{{"Reun
ião","Almoço"}, {"Projetos","Reunião2"}}');
INSERT 0 1
```