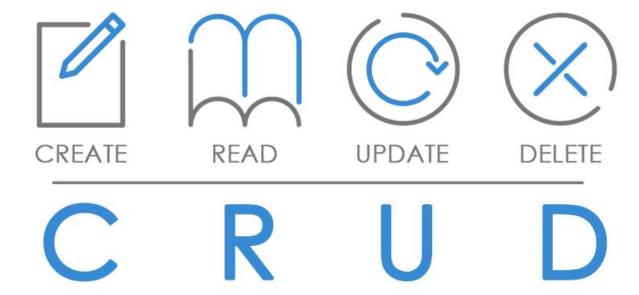


# Desenvolvimento de Software para WEB

Aula 16 - Persistência - PostgreSQL

Professor: Anderson Almada



- READ
  - SELECT \* FROM table\_name;

- Exemplo:
  - **■** Todos os usuários
    - SELECT \* FROM users;
  - Um usuário específico
    - SELECT \* FROM users WHERE id=1;

#### CREATE

 INSERT INTO table\_name (column1, column2, column3, ...) VALUES (value1, value2, value3, ...);

#### • Exemplo:

■ INSERT INTO users (id, username, name) VALUES (1', 'chico', 'Francisco');

#### UPDATE

UPDATE table\_name SET column1 = value1, column2 = value2, ... WHERE condition;

#### • Exemplo:

■ UPDATE users SET name = 'Antonio' WHERE id = 1;

#### DELETE

DELETE FROM table\_name WHERE condition;

#### • Exemplo:

■ DELETE FROM users WHERE id = 1;

## Instalação

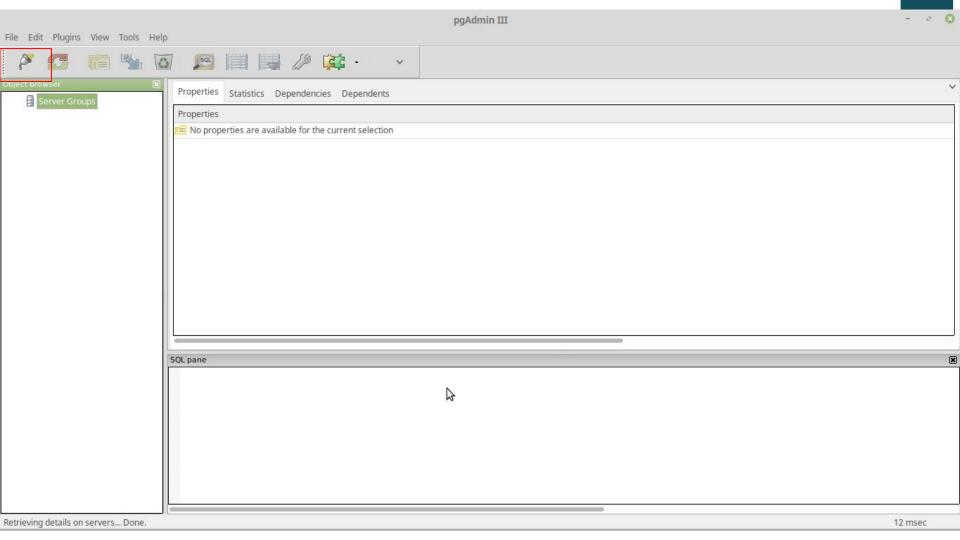
- Windows e Linux:
  - https://www.enterprisedb.com/downloads/postgres-postgresql-downloa
    ds

- PGADMIN3
  - o sudo apt-get install pgadmin3=1.22.2-4 pgadmin3-data=1.22.2-4

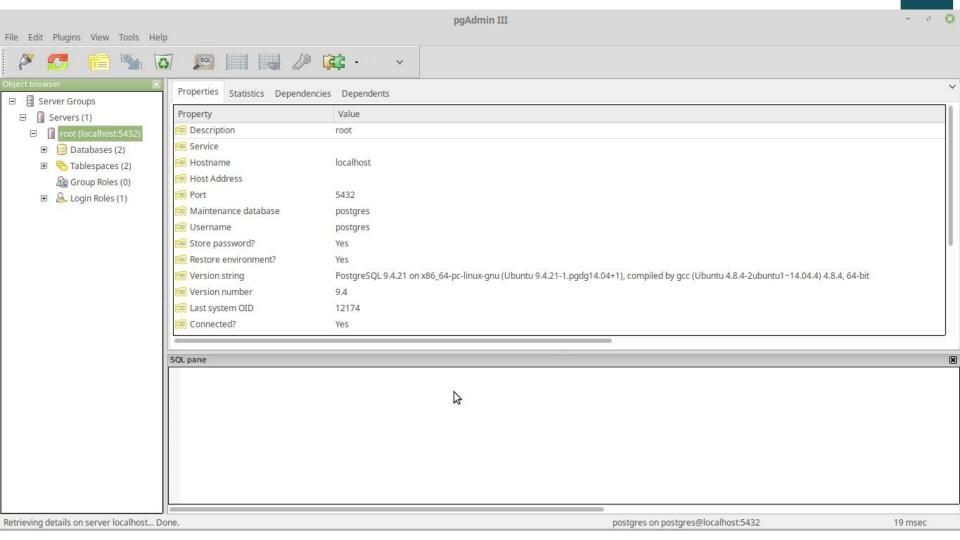
- https://www.pgadmin.org/download/
- http://www.indjango.com/ubuntu-install-postgresgl-and-pgadmin/

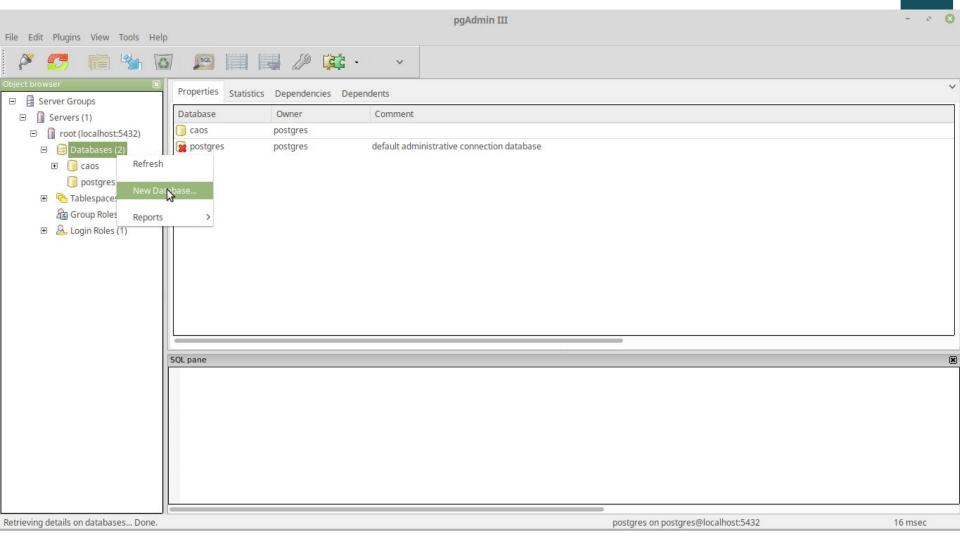
## Configurações

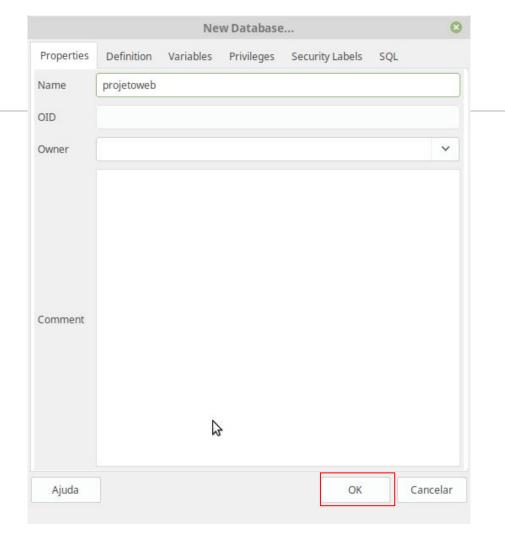
- Crie um usuário
  - postgres
- A senha de postgres é:
  - postgres

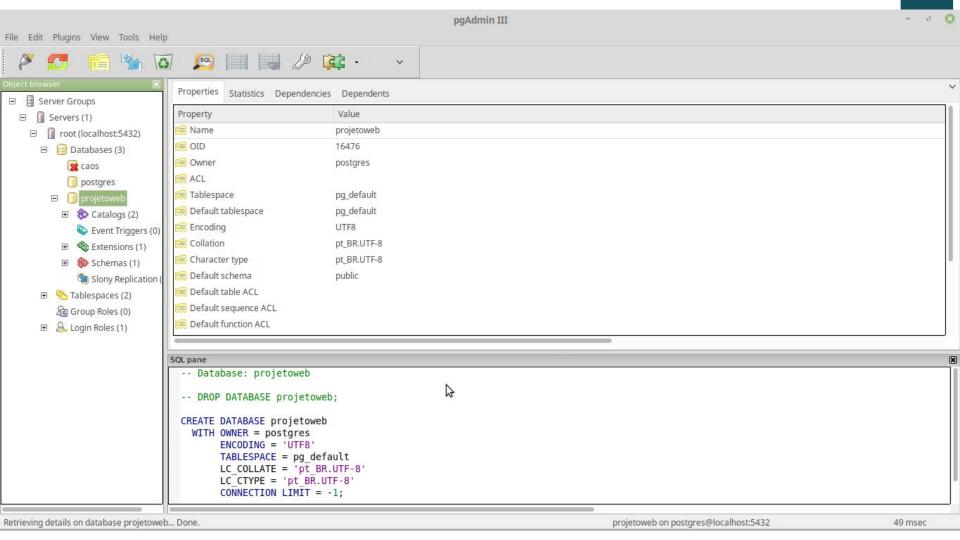


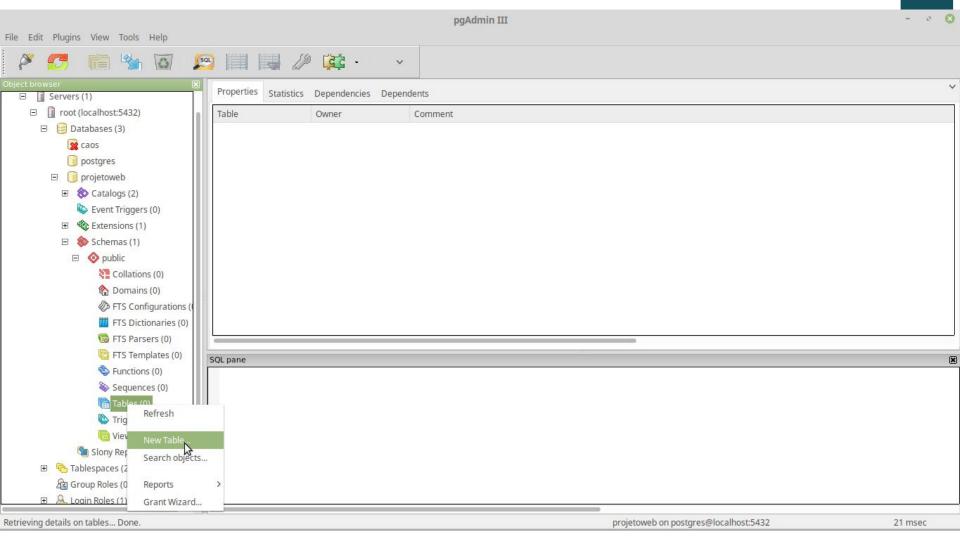
		Nev	v Server Regist	ration	
Properties	SSL	SSH Tunnel	Advanced		
Name		root			
Host		localhost			
Port		5432			
Service					
Maintenance DB		postgres			~
Username		postgres			
Password		•••••			
Store passw	ord				
Colour					
Group		Servers			~
			ž	4	
Ajuda				ОК	Cancelar

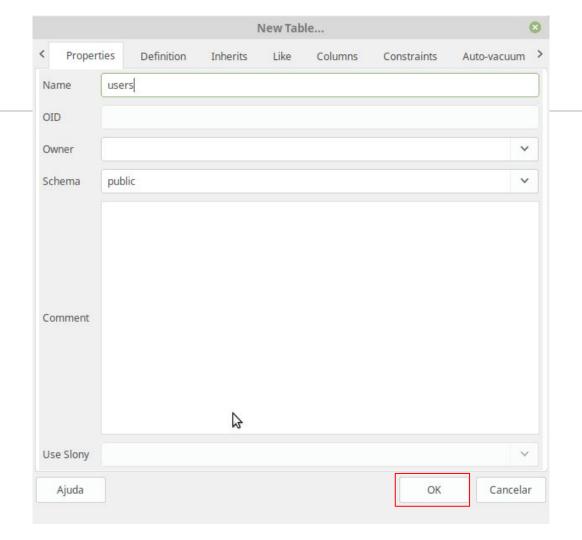


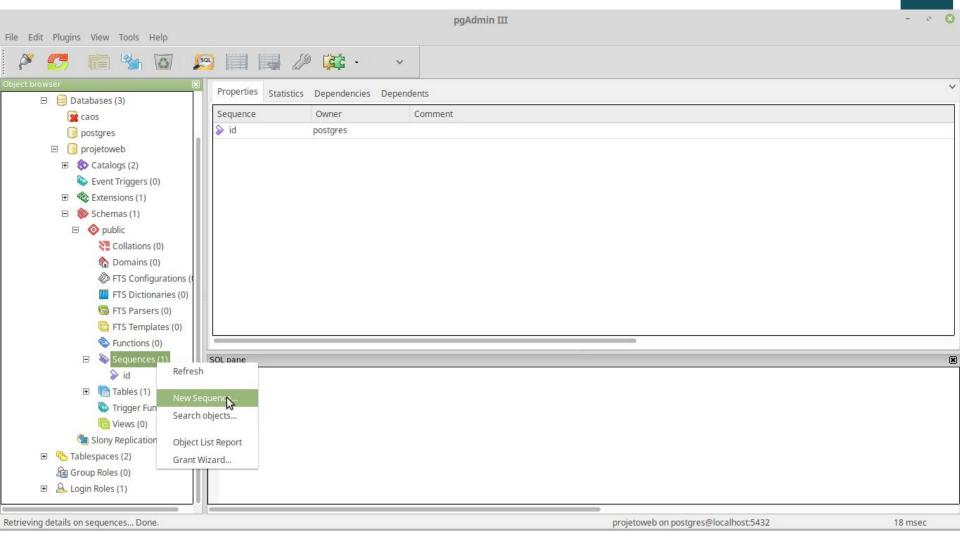


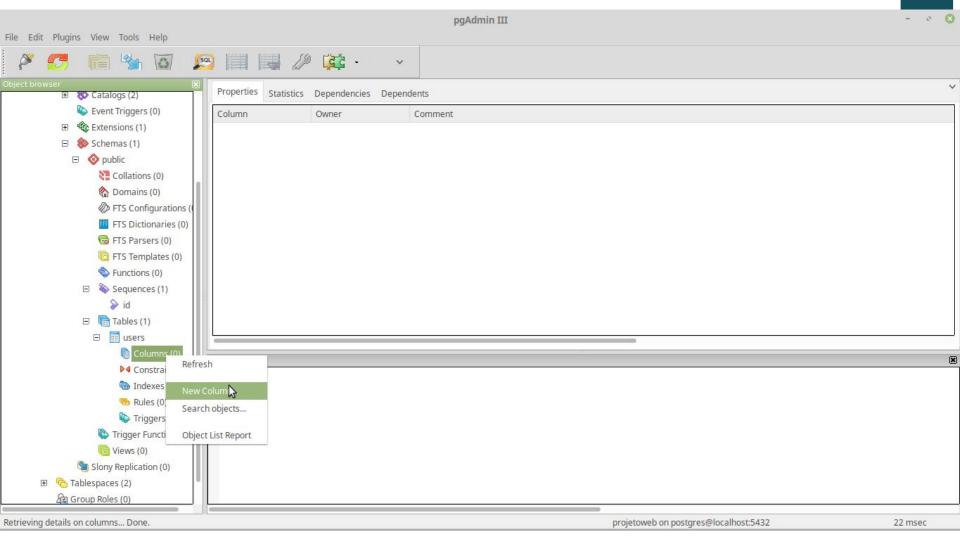


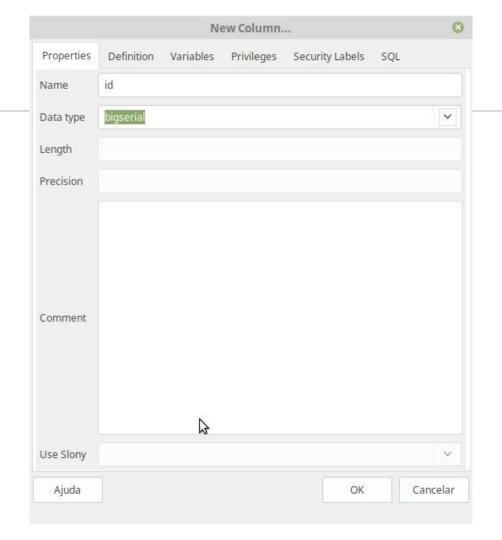


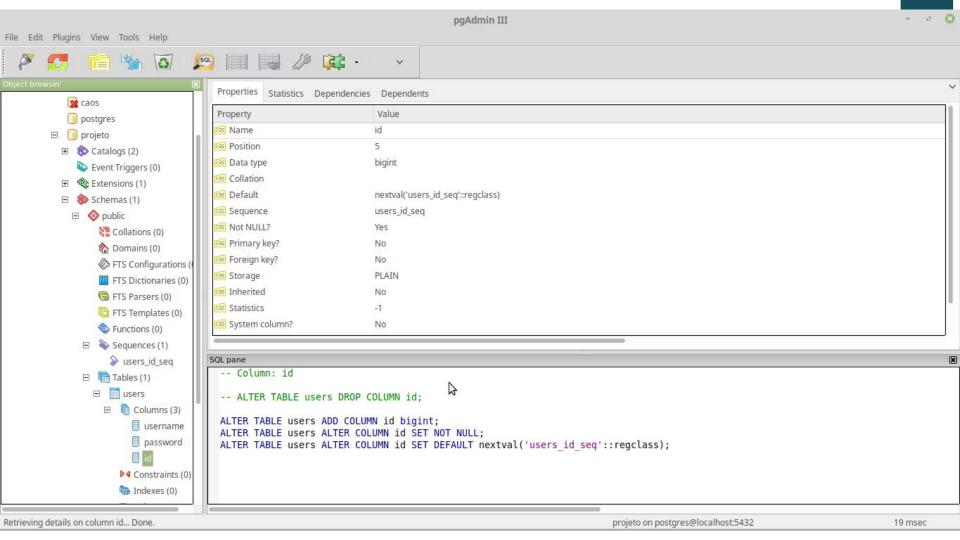


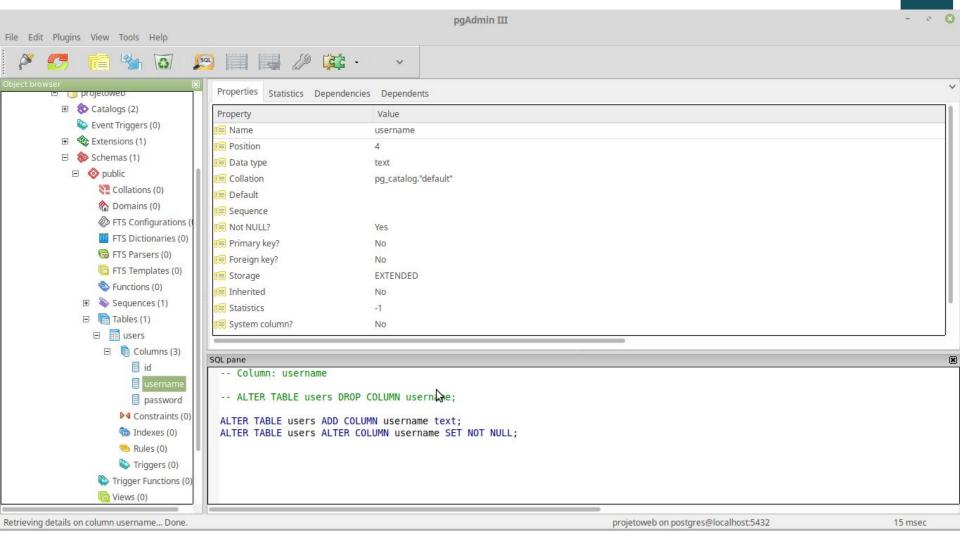


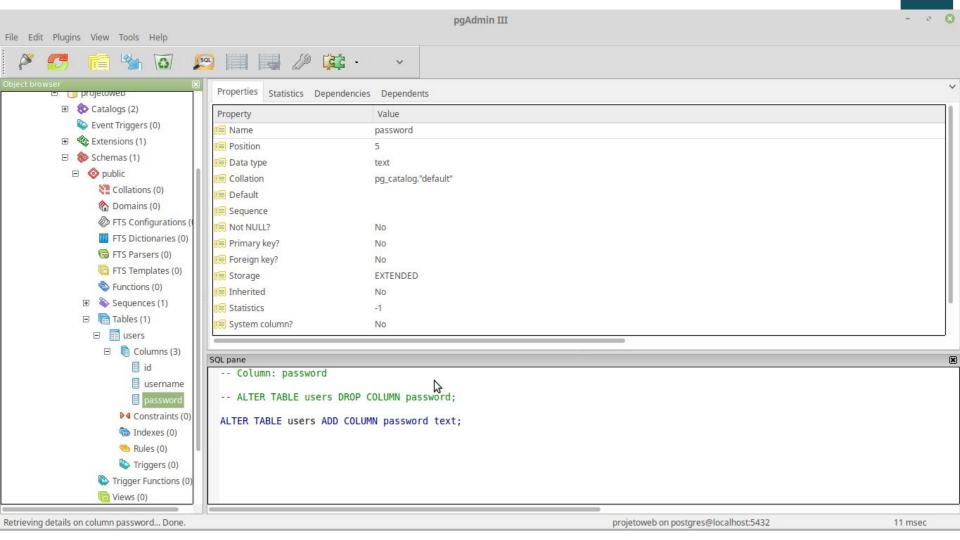












 Reaproveite o código do webservice REST e acrescente a dependência do postgresql no pom.xml

Crie o arquivo de propriedades da conexão com o banco:

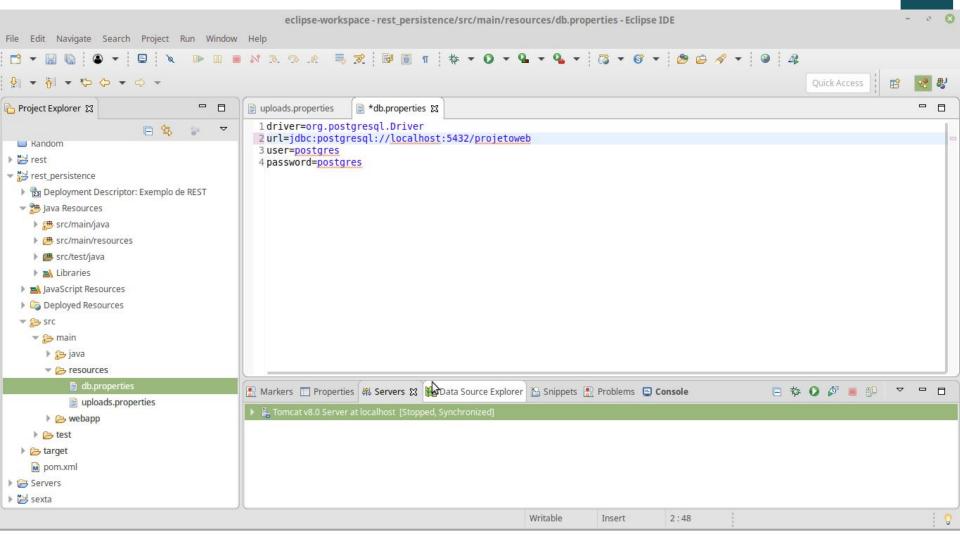
#### db.properties

```
driver=org.postgresql.Driver
```

url=jdbc:postgresql://localhost:5432/projetoweb

user=postgres

password=postgres

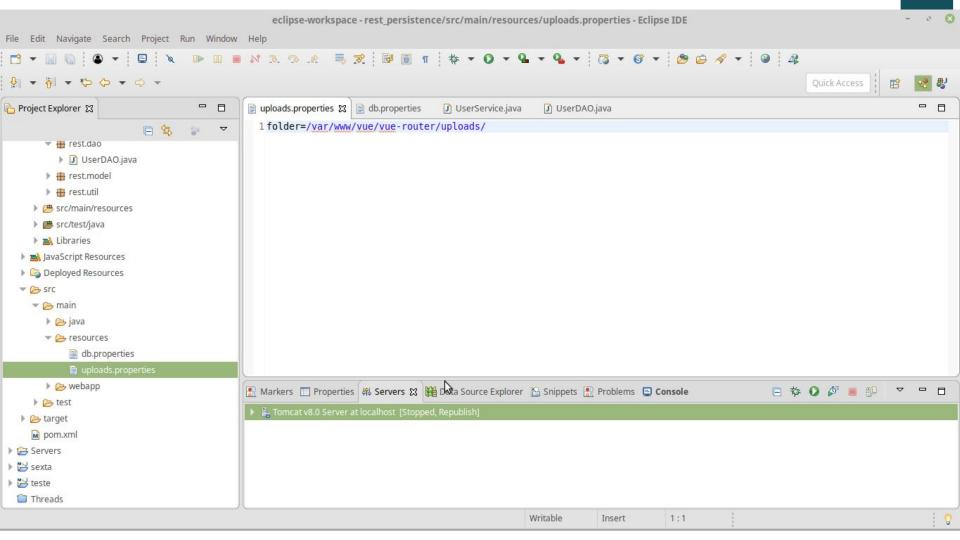


 Crie o arquivo de propriedades que contêm o caminho para upload de imagens:

uploads.properties

folder=/var/www/vue/vue-router/uploads/

Coloque em qualquer pasta do sistema de arquivos



- Crie a classe de conexão
  - https://pastebin.com/8izdMpLs

- Altere a classe DAO para os métodos do banco de dados
  - https://pastebin.com/dewTYU2T

## UserService (com imagem)

- Altere a classe UserService para o suporte de upload de imagem
  - https://pastebin.com/w0AtHWa3



## Dúvidas??

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