

Passo a Passo: Criando um Ambiente Virtual e Instalando Java

Windows

1. Criar e ativar um ambiente virtual:

```
python -m venv my_env  
my_env\Scripts\activate
```

2. Instalar Java (8, 11 ou 17) via Chocolatey:

```
choco install openjdk8 -y (ou openjdk11, openjdk17)
```

3. Configurar JAVA_HOME:

```
setx JAVA_HOME "C:\Program Files\OpenJDK\jdk-17"  
setx PATH "%JAVA_HOME%\bin;%PATH%"
```

4. Instalar pacotes do requirements.txt:

```
pip install -r requirements.txt
```

macOS

1. Criar e ativar um ambiente virtual:

```
python -m venv my_env  
source my_env/bin/activate
```

2. Instalar Java (8, 11 ou 17) via Homebrew:

```
brew install openjdk@17
```

3. Configurar JAVA_HOME:

```
echo 'export JAVA_HOME=$(/usr/libexec/java_home -v 17)' >> ~/.zshrc  
source ~/.zshrc
```

4. Instalar pacotes do requirements.txt:

```
pip install -r requirements.txt
```

Linux (Ubuntu/Debian)

1. Criar e ativar um ambiente virtual:

```
python3 -m venv my_env  
source my_env/bin/activate
```

2. Instalar Java (8, 11 ou 17):

```
sudo apt install openjdk-17-jdk -y
```

3. Configurar JAVA_HOME:

```
echo 'export JAVA_HOME=$(dirname $(dirname $(readlink -f $(which javac))))' >> ~/.bashrc
```

```
source ~/.bashrc
```

4. Instalar pacotes do requirements.txt:

```
pip install -r requirements.txt
```