# Configurar o Driver JDBC

Faça o download do site da Cloudera:

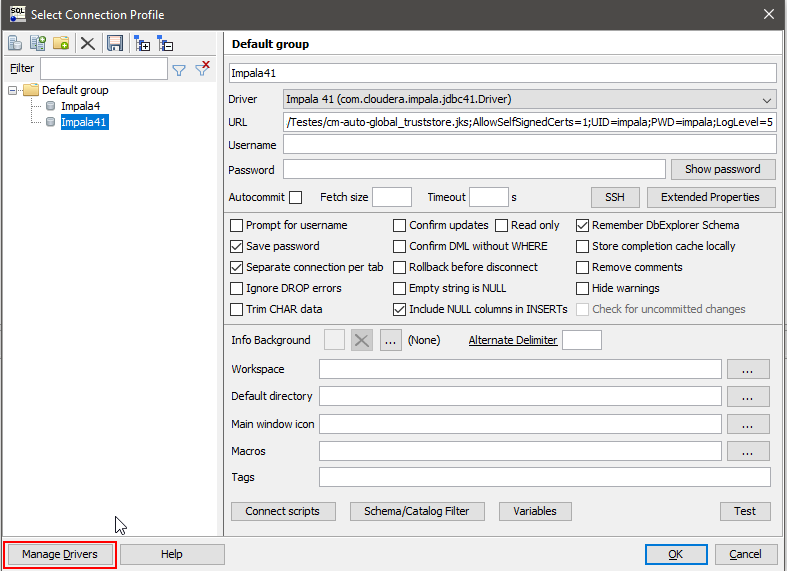
* <https://www.cloudera.com/downloads/connectors/impala/jdbc/2-6-4.html>

Faça o download do SQL Workbench

* https://www.sql-workbench.eu/downloads.html

## Configurar o Driver

Abra o workbench e clique em Manage Drivers

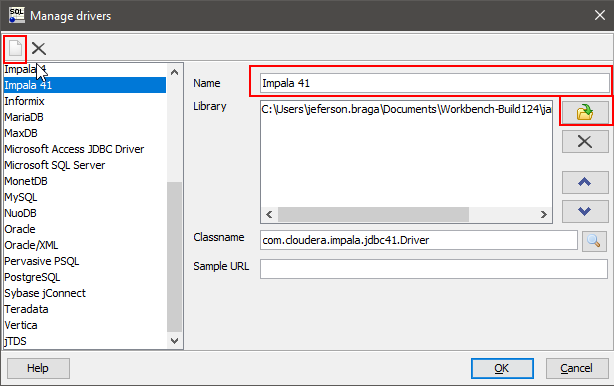


Preencha o campo Name

Clique no botão da pasta com a seta

Selecione o JAR correspondente

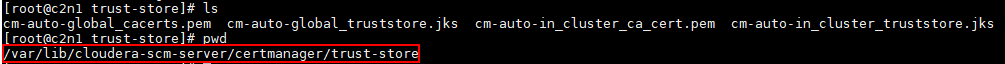
Clique em OK



## Baixar o arquivo da TrustStore

Entre no servidor onde instalado o Kerberos server

Entre no diretório: /var/lib/Cloudera-scm-server/certmanager/trust-store



Faça o download do arquivo **cm-auto-global\_truststore.jks** para um diretório da máquina local. Este diretório será usado na string de conexão.

## Configurar a Conexão

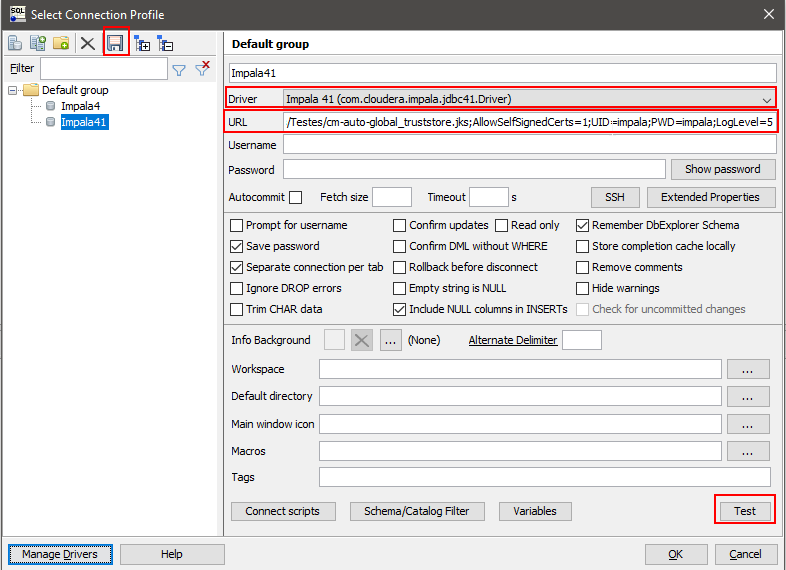
Selecione o Driver

Preencha o campo URL com a string abaixo:

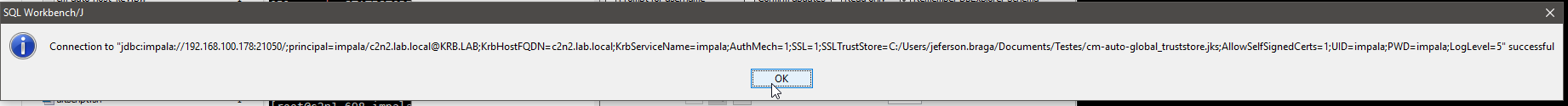
* jdbc:impala://192.168.100.178:21050/;principal=impala/c2n2.lab.local@KRB.LAB;KrbHostFQDN=c2n2.lab.local;KrbServiceName=impala;AuthMech=1;SSL=1;SSLTrustStore=C:/Users/jeferson.braga/Documents/Testes/cm-auto-global\_truststore.jks;AllowSelfSignedCerts=1;UID=impala;PWD=impala;LogLevel=5

**Altere conforme necessário**Clique no botão Salvar (disquete)

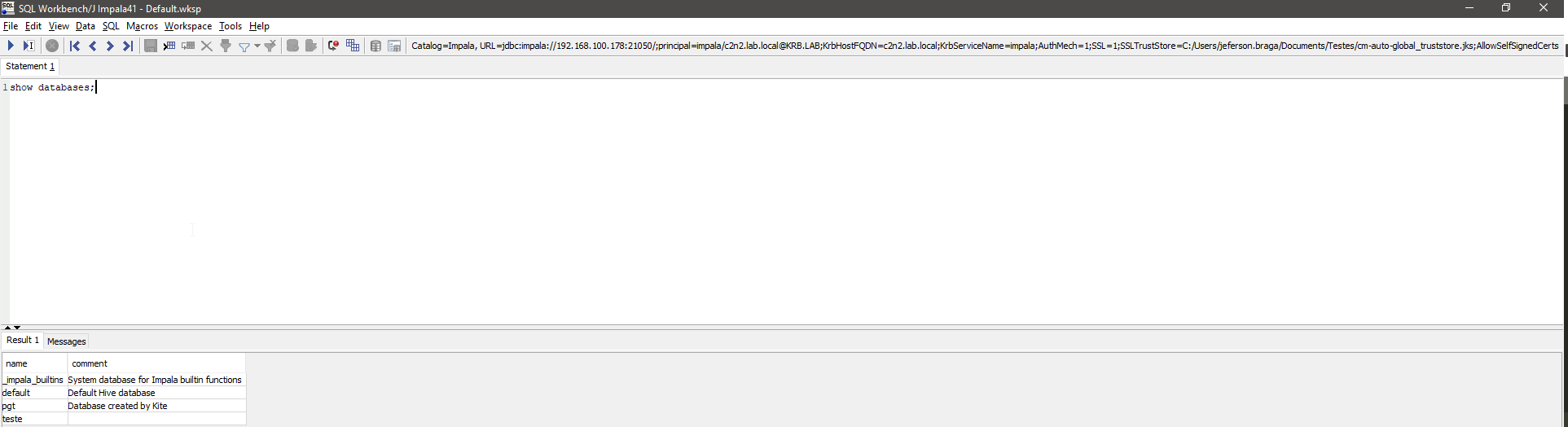
Clique em Test

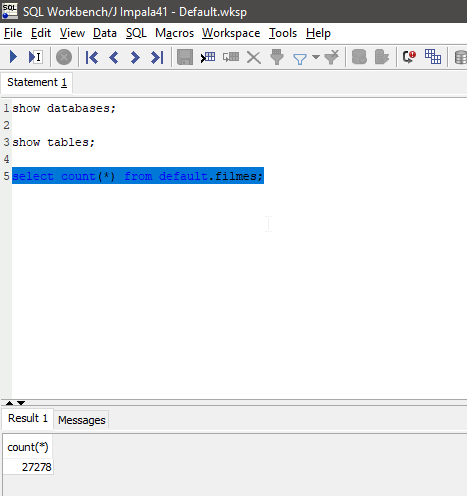


Se a conexão foi estabelecida com sucesso a seguinte mensagem será mostrada:



Executando um comando





# Impala com DBeaver

Download DBeaver

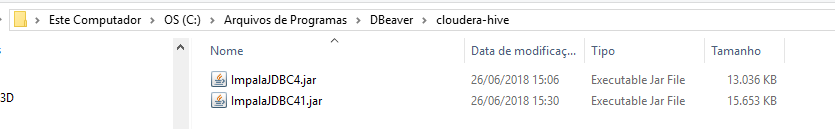
* <https://dbeaver.io/download/>

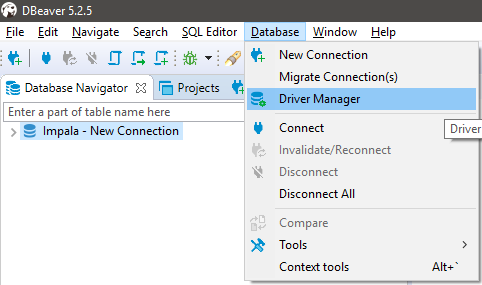
Drivers

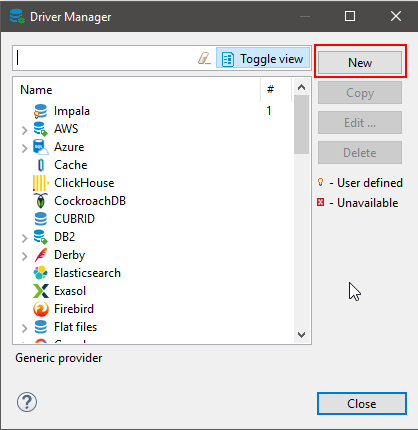
* <https://www.cloudera.com/downloads/connectors/impala/jdbc/2-6-4.html>

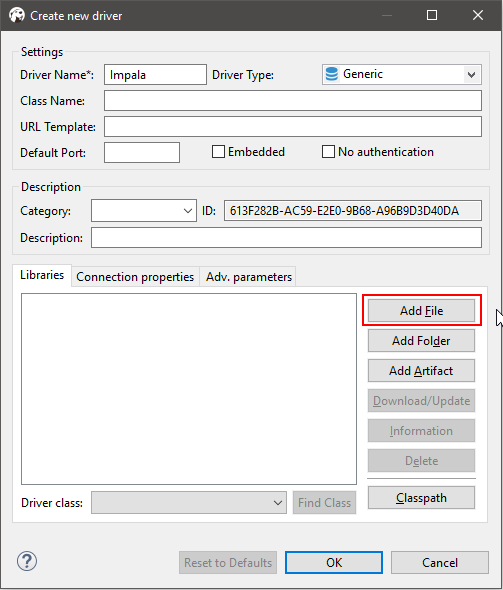
Mover os drivers

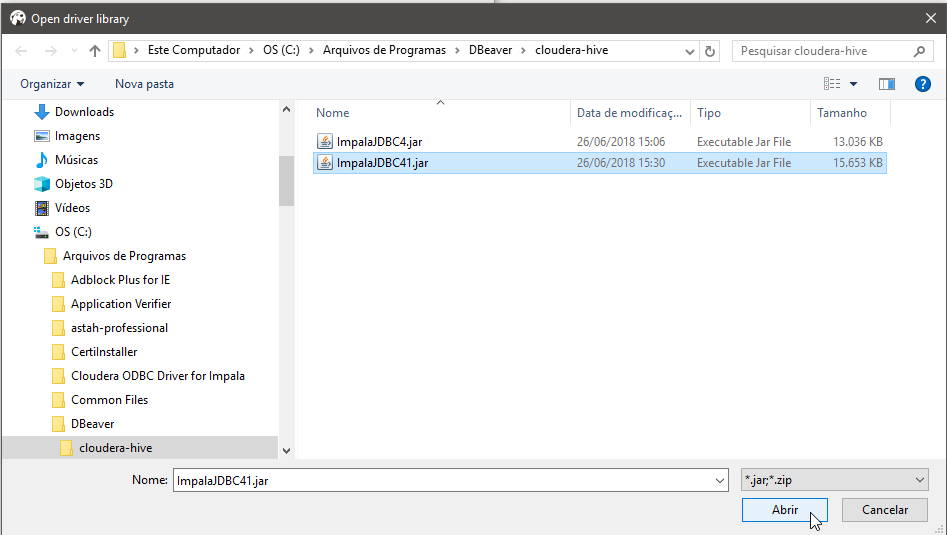
* Criar a pasta cloudera-hive dentro da pasta onde foi instalado o DBeaver

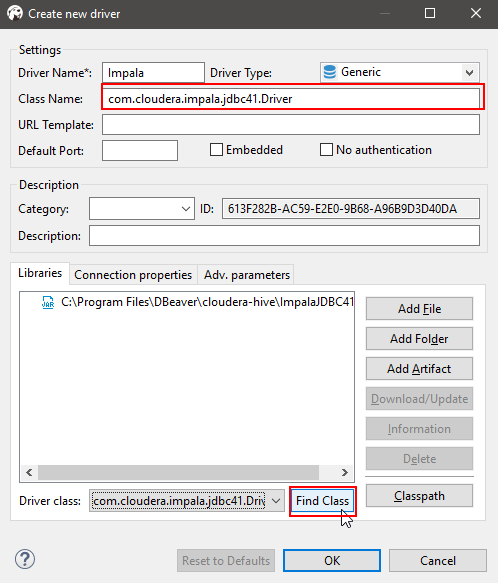


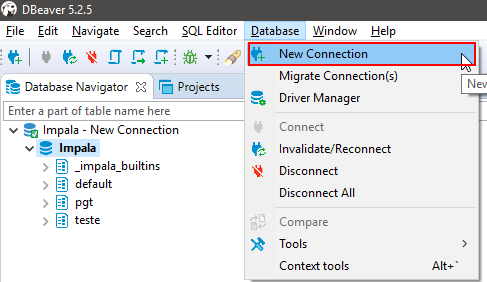


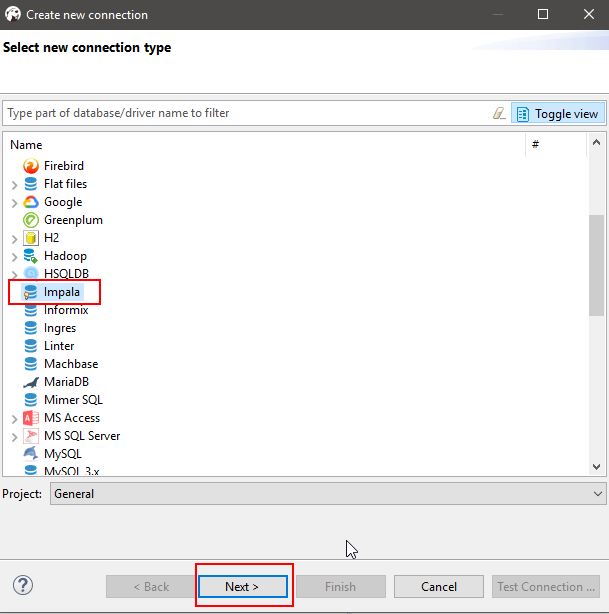




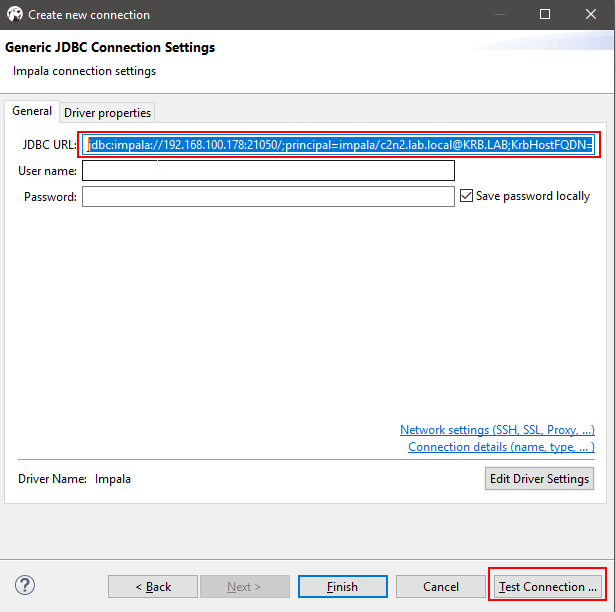


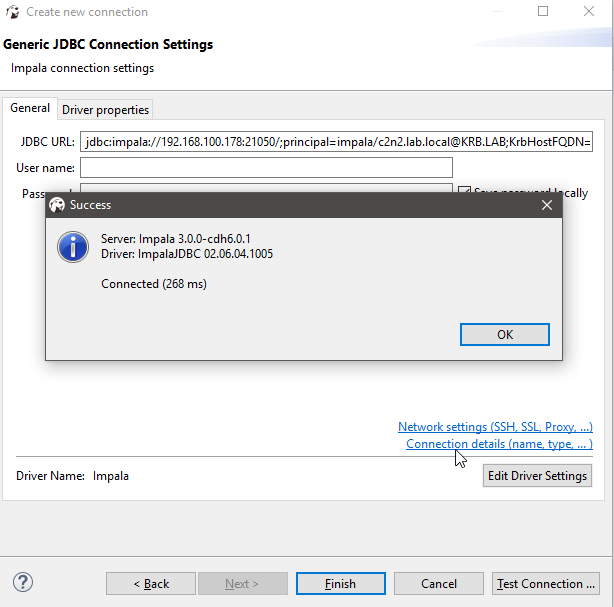


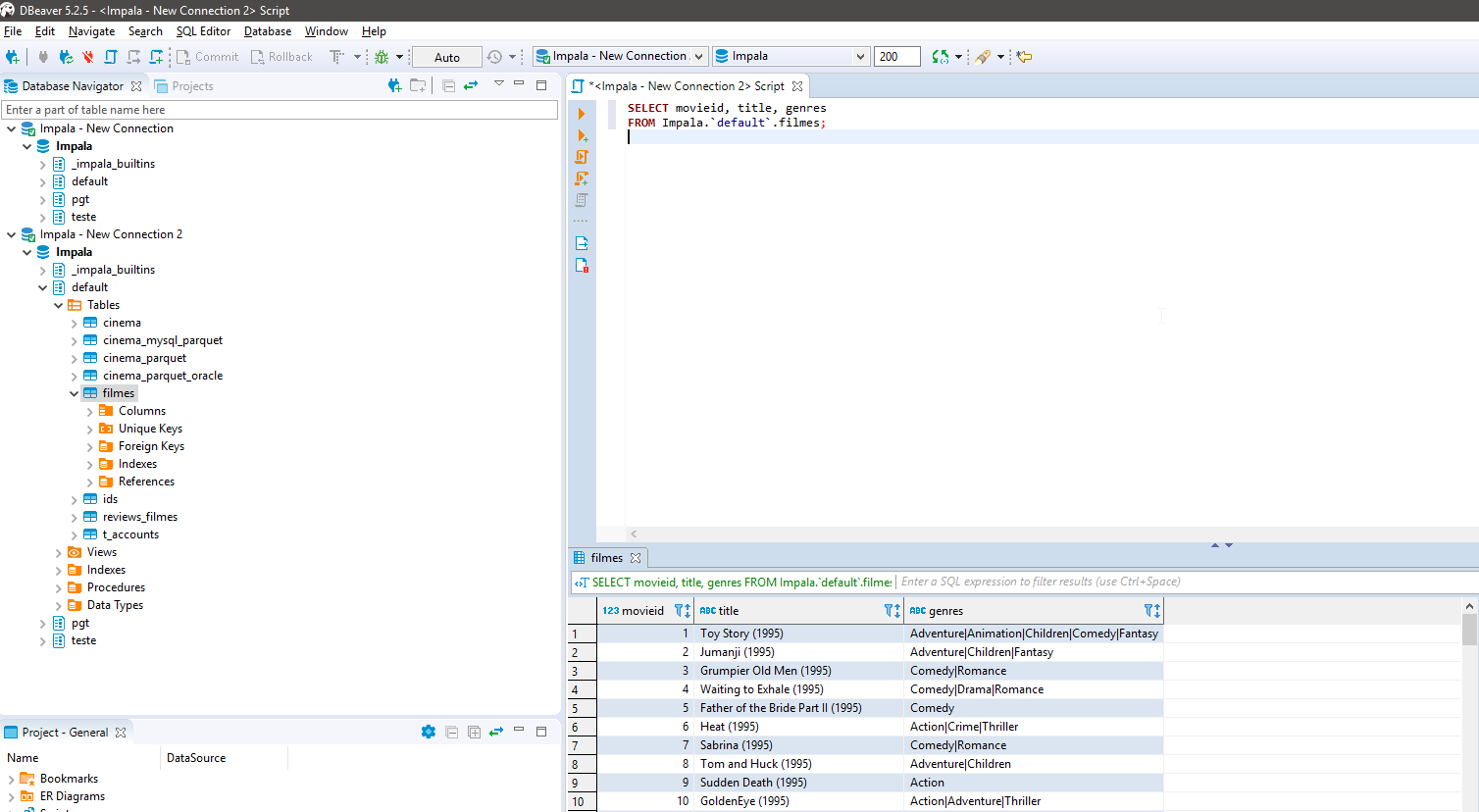




jdbc:impala://192.168.100.178:21050/;principal=impala/c2n2.lab.local@KRB.LAB;KrbHostFQDN=c2n2.lab.local;KrbServiceName=impala;AuthMech=1;SSL=1;SSLTrustStore=C:/Users/jeferson.braga/Documents/Testes/cm-auto-global\_truststore.jks;AllowSelfSignedCerts=1;UID=impala;PWD=impala;LogLevel=5







# Impala com Python (Jaydebeapi)

Requisitos:

* Python 3+

Download do pacote python

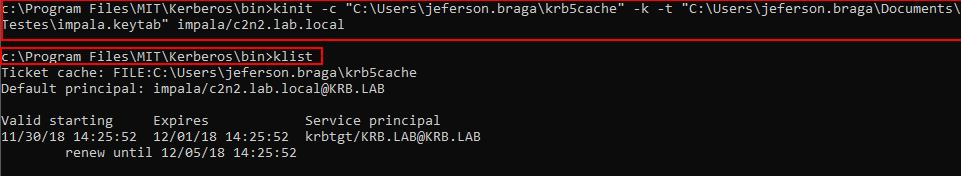
* pip install jaydebeapi

Download Impala JDBC Driver

* <https://www.cloudera.com/downloads/connectors/impala/jdbc/2-6-4.html>

## Pegar Ticket Kerberos

1. Rodar o comando
   1. Kinit -c <path\_to\_krb5cache> -k -t <path\_to\_keytab> <principal>



1. Listar o ticket
   1. klist

## Parâmetros para Jaydebeapi

1. JClassName

jclassname="com.cloudera.impala.jdbc41.Driver"

1. URL

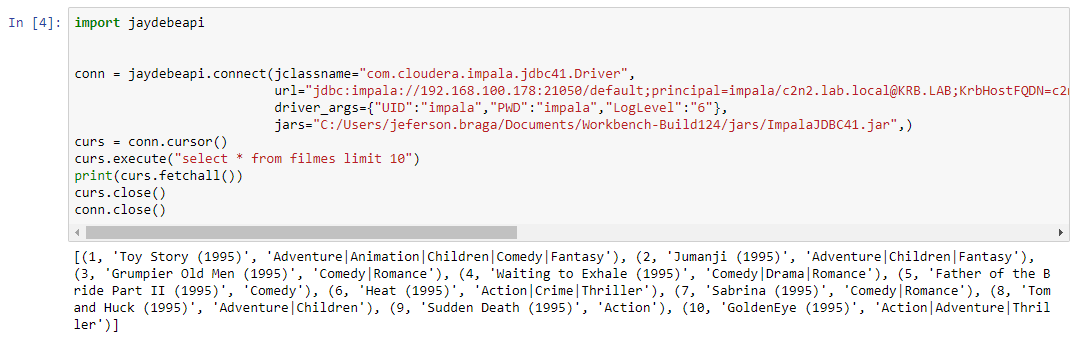
jdbc:impala://192.168.100.178:21050/default;principal=impala/c2n2.lab.local@KRB.LAB;KrbHostFQDN=c2n2.lab.local;KrbServiceName=impala;AuthMech=1;SSL=1;SSLTrustStore=C:/Users/jeferson.braga/Documents/Testes/cm-auto-global\_truststore.jks;AllowSelfSignedCerts=1

1. Driver Args

driver\_args={"UID":"impala","PWD":"impala","LogLevel":"6"}

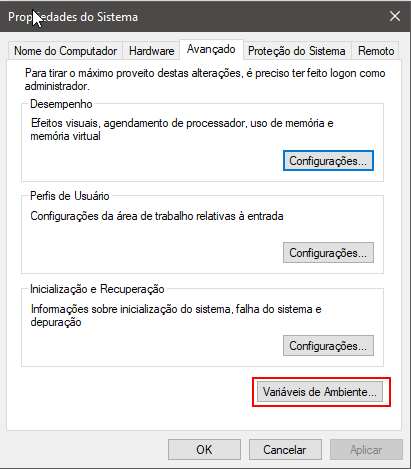
1. Jars

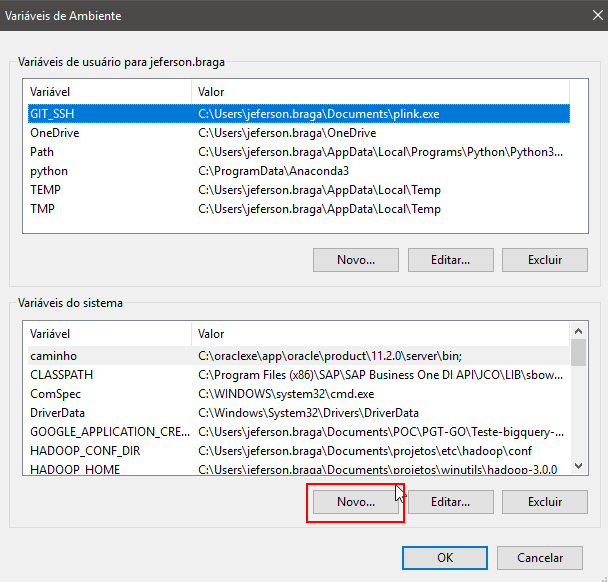
jars="C:/Users/jeferson.braga/Documents/Workbench-Build124/jars/ImpalaJDBC41.jar"

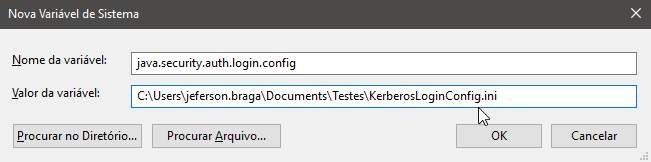


## Configurações extras

Caso os procedimentos acima não sejam o suficiente fazer a configurações abaixo:







KerberosLoginConfig.ini

