**Connecting Oracle - DB via Java**

JDBC utility class and JAR:

 **Jar Name:** ojdbc14.jar

* Import the JDBC Utility class before executing the below code.

Oracle Connect:

public class Connect\_Oracle

{

String UserName,Password,Url;

JDBCUtility jdbc;

public static void main(String args[]) throws Exception

{

Connect\_Oracle co=new Connect\_Oracle();

co.connect();

}

public void connect()throws Exception

{

UserName="use";

Password="pass12";

Url="jdbc:oracle:thin:@//or1142aq.tst.kohls.com:1521/OQ1142\_APP\_GIV.kohls.com";//"jdbc:oracle:thin:@//hotname:port/servicename";

new JDBCUtility(Url,UserName,Password);

System.out.println("Connected...!");

}

}

**Connecting MYSQL - DB via Java**

Required Jar to establish connection:

 **Jar Name:** mysql-connector-java-5.1.43-bin.jar

* Import the JDBC Utility class before executing the below code.

public class Connect\_MySQL

{

public static String user,pass,url;

static JDBCUtility jdbc;

public static void main(String args[]) throws Exception

{

connect();

}

public static void connect()throws Exception

{

user="mysql";

pass=" mysql";

url="jdbc:mysql://10.208.99.8:3306/tvs";

jdbc=new JDBCUtility(url,user,pass);

System.out.println("Connected...!");

}

}

**Connecting Teradata - DB via Java**

Required Jar to establish connection:

[](file:///C:\Users\TA351599\AppData\Local\Microsoft\Windows\INetCache\Content.Outlook\N6RFPR32\Reports\Test) **Jar Name**: tdgssconfig.jar, terajdbc4.jar

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

public class HelloTeradataJDBC

{

public static void main(String[] args) throws Exception

{

try

{

String connurl="jdbc:teradata://127.0.0.10/LOGMECH=LDAP";

Class.forName("com.teradata.jdbc.TeraDriver");

Connection conn=DriverManager.getConnection(connurl," use123"," pass123");

System.out.println("Connected....!!!");

}

catch(Exception E)

{

System.out.println("Error:::"+E);

}

}

}

**Connecting Mongo - DB via Java**

Required Jar to establish connection:

 **Jar Name**: mongo-java-driver-3.6.3.jar

import java.util.Arrays;

import com.mongodb.MongoClient;

import com.mongodb.MongoCredential;

import com.mongodb.ServerAddress;

import com.mongodb.client.MongoDatabase;

public class MongoJava

{

public static String user,pass,host,port,sdb;

static MongoClient mg = null;

static MongoDatabase db1=null;

public static void main(String args[])

{

user="use123";

pass="pass123";

host="10.208.17.202";

port="27017";

sdb="snb";

MongoCredential credential = MongoCredential.createScramSha1Credential(user, sdb,

pass.toCharArray());

mg=new MongoClient(new ServerAddress(host+":"+port), Arrays.asList(credential));

db1=mg.getDatabase("snb");

System.out.println("Connected to DB successfully: " + db1.getName());

}

}

**Connecting Cassandra - DB via Java**

Required Jar to establish connection:



**Jar Name**: cassandra-driver-core-3.3.0.jar , xercesimpl-2.6.2-jaxb-1.0.6.jar, guava-16.0.1.jar, slf4j-api-1.7.25.jar, netty-all-4.0.42.Final.jar,

metrics-core-3.0.2.jar

import com.datastax.driver.core.Cluster;

import com.datastax.driver.core.Session;

import com.sun.org.apache.xerces.internal.impl.dv.util.Base64;

public class Connect\_Cassandra

{

public static String user,pass,host,keyspc,PassEnc;

public static Cluster cluster;

public static Session session;

public static void main(String args[])

{

user="user00";

pass="KingNDNorth";

host="ocf-oicdb2-dev012-csdra-s-1.tst.kohls.com";

keyspc="appdata00";

PassEnc="null";

connect();

}

public static void connect()

{

if(pass.equals("null")) // if passw0rd is Encrypted

{

pass=PassEnc;

cluster = Cluster.builder().addContactPoints(host.split(",")).withCredentials(user, new String(pass)).build();

session = cluster.connect(keyspc);

}

else

{

pass=Base64.encode(pass.getBytes());

cluster = Cluster.builder().addContactPoints(host.split(",")).withCredentials(user, new String(Base64.decode(pass))).build();

session = cluster.connect(keyspc);

}

System.out.println("Connected Successfully... !!!");

session.close();

cluster.close();

}

}