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package com.pbd.dbt;

import java.sql.*;

public class Setup1 {

    private static String driver;
    private static String url;
    private static String user;
    private static String password;

    private static final String init1 = "DROP TABLE TEST.MYDATA2";
    private static final String init2 = "CREATE TABLE TEST.MYDATA2 ( KEY1
CHAR(10) NOT NULL, DATA1 CHAR(30) NOT NULL, PRIMARY KEY (KEY1) )";

    public static void main(String[] args) {

        String hostname = "localhost";
        if (args.length > 1) hostname = args[1];

        if (args[0].equals("-mysql"))
        {
            driver = "com.mysql.jdbc.Driver";
            url = "jdbc:mysql://" + hostname + ":3306";
            user = "root";
            password = "mypassword";
        } else {
            driver = "com.ibm.as400.access.AS400JDBCdriver";
            url = "jdbc:as400:" + hostname + ";prompt=false";
            user = "MYDB2";
            password = "MYPASSWORD";
        }

        try {

            log("Pre-connect");

            Connection conn = connect();
            Statement s1 = conn.createStatement();

            // Execute statements
            s1.execute(init1);
            s1.execute(init2);

            log("Pre-add");

            PreparedStatement s2 = conn.prepareStatement(
                "INSERT INTO TEST.MYDATA2 VALUES(?,?)");
            for (int i = 0; i < 1000; i++)
            {
                if ((i % 100) == 0) log("Records: " + i);
                s2.setString(1, "VAL" + i);
                s2.setString(2, "VAL" + i);
                s2.execute();
            }

            s2.close();
            conn.close();
        }
    }
}

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        log("Post Add");
        log("Success!");
    } catch (Exception e) {
        e.printStackTrace();
    }
}

private static Connection connect() throws Exception
{
    // Display URL
    System.out.println("URL: " + url);
    Class.forName(driver);
    return DriverManager.getConnection(url, user, password);
}

private static void log(String text)
{
    String now = new java.sql.Timestamp(
        new java.util.Date().getTime()).toString();
    System.out.println(now + ": " + text);
}
}
```