

```

import com.ephesoft.dcma.script.IJDomScript;
import com.ephesoft.dcma.util.logger.EphesoftLogger;
import com.ephesoft.dcma.util.logger.ScriptLoggerFactory;
import org.jdom.Document;
import org.jdom.Element;
import org.jdom.input.SAXBuilder;

import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.SQLException;

/**
 * @author Ephesoft
 * @version 1.0
 */

public class ScriptDocumentAssembler implements IJDomScript {

    private static final EphesoftLogger LOGGER =
ScriptLoggerFactory.getLogger(ScriptDocumentAssembler.class);

    public Object execute(Document document, String methodName, String
docIdentifier) {

        Exception exception = null;
        try {

            LOGGER.info("-----> Start execution of the
ScriptDocumentAssembler.java <-----");

            if (null == document) {
                LOGGER.error("##### Batch Instance XML does not exist #####");
            } else {
                Element root = document.getRootElement();
                String batchInstance =
root.getChildText("BatchInstanceIdentifier");

                fillCustomColumns(batchInstance);
                LOGGER.info("-----> End execution of the
ScriptDocumentAssembler.java <-----");
            }
        } catch (Exception e) {
            LOGGER.error("##### Error in the execution of
ScriptDocumentAssembler.java >>>> ", e.getMessage());
            e.printStackTrace();
            exception = e;
        }
        return exception;
    }

    private void fillCustomColumns(String batchId) {

        String SQL_USER = "ephesoft";
        String SQL_PASSWORD = "P@ssw0rd";
        String SQL_DRIVER = "net.sourceforge.jtds.jdbc.Driver";
        String DATABASE_NAME = "Ephesoft";
        String SQL_SERVER = "localhost";
        String PORT = "1433";
    }
}

```

```

        String SQL_CONNECTION_STRING = "jdbc:jtds:sqlserver:///" + SQL_SERVER +
        ":" + PORT + "/" + DATABASE_NAME;

        PreparedStatement updateStatement = null;
        Connection connection = null;

        String SQLUpdate = "UPDATE batch_instance SET custom_column1=?,
        custom_column2=?, custom_column3=?, custom_column4=? WHERE identifier=?";

        try {
            Class.forName(SQL_DRIVER);

            connection = DriverManager.getConnection(SQL_CONNECTION_STRING,
            SQL_USER, SQL_PASSWORD);
            updateStatement = connection.prepareStatement(SQLUpdate);
            updateStatement.setString(1, "This");
            updateStatement.setString(2, "Is");
            updateStatement.setString(3, "A");
            updateStatement.setString(4, "Test");
            updateStatement.setString(5, batchId);
            updateStatement.executeUpdate();

            } catch (SQLException sql_e) {
                exception >>>> " + new Object(){}.getClass().getEnclosingMethod().getName() + "
                >>>> " + sql_e.getMessage();
                sql_e.printStackTrace();
            } catch (Exception e) {
                exception >>>> " + new Object(){}.getClass().getEnclosingMethod().getName() + "
                >>>> " + e.getMessage();
                e.printStackTrace();
            } finally {
                if(updateStatement != null){
                    try {
                        updateStatement.close();
                    } catch (SQLException e) {
                        {} .getClass().getEnclosingMethod().getName() + " >>>> " + e.getMessage();
                        e.printStackTrace();
                    }
                }
                if(connection != null){
                    try {
                        connection.close();
                    } catch (SQLException e) {
                        {} .getClass().getEnclosingMethod().getName() + " >>>> " + e.getMessage();
                        e.printStackTrace();
                    }
                }
            }
        }

        public static void main(String[] args) {

            String filePath = "";
            try {
                SAXBuilder sb = new SAXBuilder();

```

```
        Document doc = sb.build(filePath);
        new ScriptDocumentAssembler().execute(doc, null, null);
    } catch (Exception ignored) {
    }
}
```