

## Steps to create and use the Custom Plugin activity to delete records from the database table

1. Create a Driver and DB Info activity, which will be used for the connectivity with the MS Access database where that database table resides (Table from which you want to delete the data).
2. Go to the Home page Click **[+] Automate** to expand the tree and then click **[+] Extensions**.
3. Click **Custom Plugin** link and now create a new custom plugin activity by entering the java script, given the attached file (**Update\_TableRecords.txt**) into the Script text-area (also see figure 1.1).
4. In the script change the table name **EMPDetails** to your desired table (Table from which you want to delete the records).
5. Also change the ID- **192168001218123865633367100084** of DB Info activity to the ID of DB Info which you created. (See figure 1.1 below).

```
import java.sql.*;
import java.util.Iterator;
import java.util.Map;
import java.util.Collection;
import javax.security.auth.Subject;

import com.adeptia.indigo.security.AuthUtil;
import com.adeptia.indigo.services.transport.connector.DatabaseConnectionInfo;
import com.adeptia.indigo.storage.Entity;
import com.adeptia.indigo.storage.EntityManager;
import com.adeptia.indigo.storage.EntityManagerFactory;
import com.adeptia.indigo.storage.StorageException;
import com.adeptia.indigo.utils.IndigoException;
import com.adeptia.indigo.utils.JdbcUtils;
import com.adeptia.indigo.utils.HandleJTADBConnection;

//Logic to clear connection pool
Map conMap = HandleJTADBConnection.getConnectionMap();
conMap.clear();

String deleteRecordsQuery="delete from EMPDetails";

Connection _con = null;
Subject _subject = AuthUtil.getAdminSubject();
DatabaseConnectionInfo dbInfo = null ;

Entity beanObject1 = (Entity) DatabaseConnectionInfo.class.newInstance();

EntityManager entityManager1 = EntityManagerFactory.getEntityManager(
beanObject1.getClass() , _subject );
```

```

Iterator it = entityManager1.retrieve();

while( it.hasNext() )
{
    DatabaseConnectionInfo temp = (DatabaseConnectionInfo) it.next() ;
    String entityId = temp.getId() ;
    if( entityId.equals( "192168001218123865633367100084" ) )
    {
        dbInfo = temp ;
        break ;
    }
}

_con = JdbcUtils.getConnection(dbInfo , _subject );

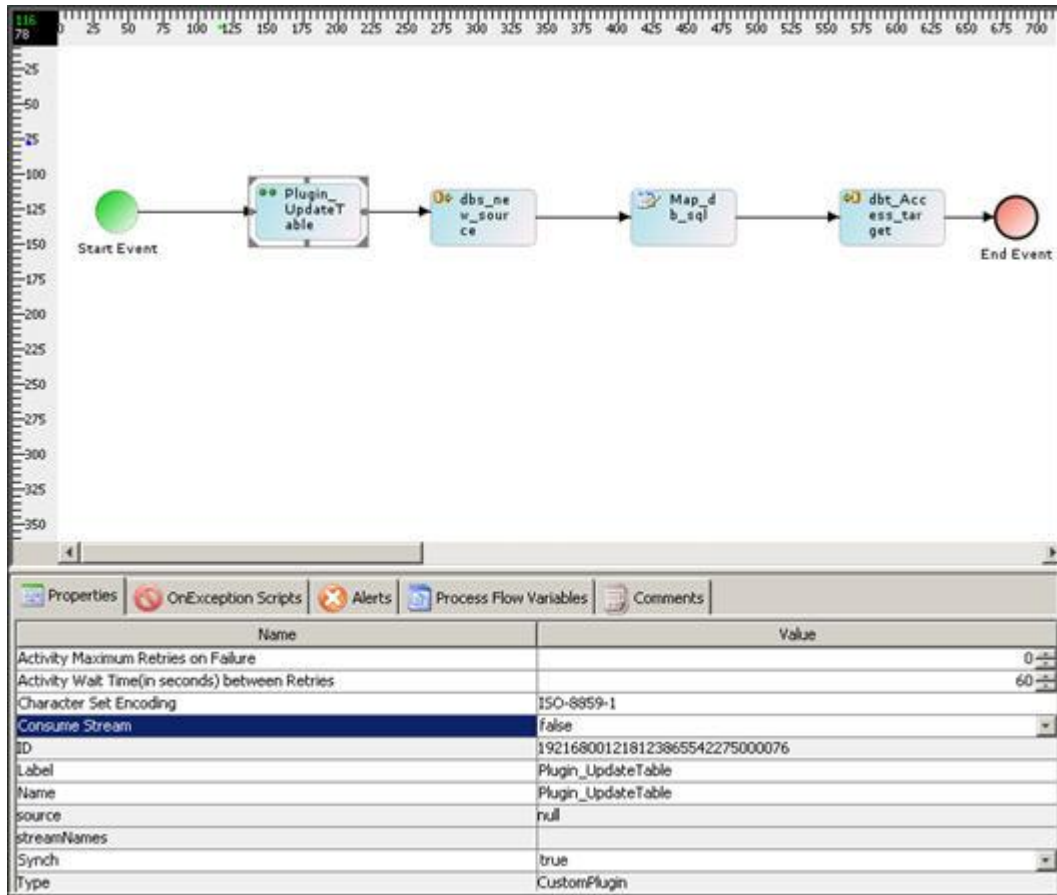
Statement _statement = _con.createStatement() ;
_statement.execute(deleteRecordsQuery) ;

_statement .close();
_con.close();

```

Figure 1.1

6. Now open your Process Designer and expand the **>Activities>Extensions>Custom Plugin**. Now place the created custom plugin activity after the Start Event.
7. Connect the Start Event to the Custom Plugin activity and Custom Plugin activity to the next activity in your process flow.
8. Double Click on the Custom Plugin activity and set the **Consume Stream** property to **false**. See the screen-shot below.



9. Save and execute the Process Flow, as result execution of the above custom plugin activity will empty the database table defined in Java Script.