

3. Standalone Script

Standalone Script is used for starting a logic individually from Produmex WMS by the WMS robot tool. It can be scheduled in the Windows Scheduler. This can be for example a very complex replenishment order generation.

3.1. Database Connection

Necessary classes:

Class	Reference
TransactionScope	using System.Transactions;
PmxDbConnection	using Produmex.Foundation.Data.Sbo;

Steps:

- **1. Define the connection string:**

Copy your connection string text from any config file of the Produmex WMS tools or Fat Client application.

```
private static string CONNECTION_STRING = "";
```

- **2. Start a transaction:**

```
using (TransactionScope scope =  
PmxDbConnection.GetNewTransactionScope())
```

- **3. Create the connection:**

```
using (PmxDbConnectionDirect conn =  
PmxDbConnectionMgr.GetDirectConnection(SboConnectionString.ParseStringTo  
Object(CONNECTION_STRING)))
```

Example:

```
using ( TransactionScope scope =  
PmxDbConnection.GetNewTransactionScope()  
{  
    using (PmxDbConnectionDirect conn =  
PmxDbConnectionMgr.GetDirectConnection(SboConnectionString.ParseStringTo  
Object(CONNECTION_STRING)))  
{  
    conn.Open();  
  
        Console.WriteLine("Connection is open");
```

```
        string query = @"SELECT TOP 1 DocEntry FROM
PMX_PLHE WHERE DocStatus = '0' ORDER BY DocEntry ";

        using (ISboRecordset rs1 =
SboRecordsetHelper.RunQuery(s_log, query, conn))
        {
            while (!rs1.EoF)
            {
                ... Do Something ...
                rs1.MoveNext();
            }
        }
        scope.Complete();    //Complete transaction
    }
```

From:
<https://wiki.produmex.name/> - **Produmex**

Permanent link:
https://wiki.produmex.name/doku.php?id=implementation:wms:wms_scripting_site:standalone_script

Last update: **2024/10/08 09:01**

