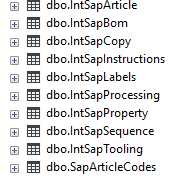
# Migrating Interspec2SAP interface from ENSSQL05 to ENSSQL17.

On ENSQL05 the tables for Enschede were located in database [General] for Hungary they were located in [HuInterface].

Tables used:



On the ENSSQL17 server I have made 2 new databases: AS400\_EN for Enschede and AS400\_HU for Hungary.

I have migrated all data from ENSSQL05 to ENSSQL17 and changed the configurations of all depending tools.

# Migrating data from AS400/PG to ENSSQL17.

Migrating cannot be done now. There is a big risk that other processes are relying on PG data on the AS400 too. Therefor this should be done after all other processes are being replaced or decommissioned.

So for now I will document how the switch for the Interspec2SAP interfaces and ArtInfo can be done.

1. 2 services on the Limsclient server should be stopped.



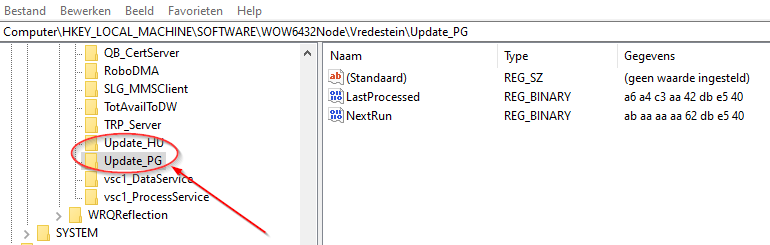
Opm.Peter: Controle inhoud tabellen vooraf:  
 select count(\*) on all AS400\_EN-dbo-tables + AS400\_HU-dbo-tables  
 select count(\*) on all AS400\_EN-xpp-tables + AS400\_HU-xdd-tables

1. The application DbReplication in [\\limsclient\c$\AS400\_Sync](file:///\\limsclient\c$\AS400_Sync) should be excuted. This takes 15-20 minutes to make a copy of all relevant tables in PG to ENSSQL17. In the log directory you can check the progress. Wait until the process is ready. Do not execute this app after the migration, data will be lost.

Opm.Peter: Controle inhoud tabellen achteraf om te zien of EN / HU goed is bijgewerkt !!:  
 select count(\*) on all AS400\_EN-dbo-tables + AS400\_HU-dbo-tables  
 select count(\*) on all AS400\_EN-xpp-tables + AS400\_HU-xdd-tables

1. Make the adjustments described in: Migrating Enschede data from AS400/PG to ENSSQL17.
2. Make the adjustments described in: Migrating Hungary data from AS400/PG to ENSSQL17.
3. Remark: also upd\_weights.ini needs to be changed in the same manner!  
   New upd\_weight will use view: DBA\_VW\_CRRNT\_SAP\_WEIGHT
4. Start the 2 stopped services (opm peter: UpdatePG + UpdateSapHungary) .
5. Switch artInfo to ENSQL17 as described in: Switching Artinfo

For after the switch from PG to ENSSQL17 I have created a maintenance tool to maintain Processing Groups, Article groups, UoMs and RawMaterials (for Hungary). See Maintenance tool SQLPG.



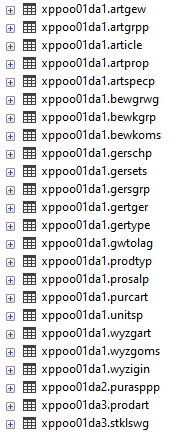
It could be wise to save (export) these registry values before you switch over, these values can be used ( imported) when you have to switch back. After a restore the interface will process all new specs since the export.  
**This registry copy should only be made just before you do the migration!** Should you need to revert the change, then re-import the registry backup and AS400 will be updated from the moment specified in the registry! (see wilfred’s explanation at: 1:17:xx

## Migrating Enschede data from AS400/PG to ENSSQL17.

PG data is used by the Interspec2SAP interfaces (opm Peter: welke zijn dit ?) and by ArtInfo (<http://artinfo.vredestein.com/artinfo.dll/>)

I have investigated which tables are being used for the Interspec2SAP interfaces and ArtInfo.  
opm.Peter: wie maakt gebruik van deze tabellen en vult uiteindelijk de SQL17-dbo-tabellen tbv SAP?

Interspec2SAP and ArtInfo Enschede:



To make the migration easier I have used the same schemas as PG uses on the AS400.

To switch from PG to ENSQL17 the configuration file [\\limsclient\c$\services\Updat\_PG.ini](file:///\\limsclient\c$\services\Updat_PG.ini) has to be modified:

*; Setting for PG on AS400*

*PG\_system=Provider=IBMDA400;Persist Security Info=true;Data Source=ensprod*

Has to be replaced by:

*; Settings for PG on ENSSQL17*

*PG\_system=Provider=SQLOLEDB.1;Password=A5400;Persist Security Info=True;User ID=as400;Data Source=ENSSQL17;Initial Catalog=as400\_en*

*PG\_User=AS400*

*PG\_Password=A5400*

I have added the changes as comment in the ini-file.

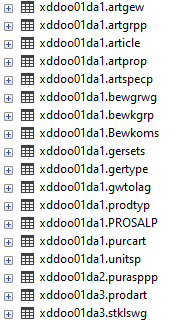
Opm. Peter: geen wijzigingen tbv WEIGHT-calculation, die zie ik wel bij migrating-HUNGARY terug

## Migrating Hungary data from AS400/PG to ENSSQL17.

PG data is used by the Interspec2SAP interfaces (opm. Peter: welke zijn dit dan?) to check validity before it is being sent to SAP.

I have investigated which tables are being used for the Interspec2SAP interfaces.  
opm.Peter: wie maakt gebruik van deze tabellen en vult uiteindelijk de SQL17-dbo-tabellen tbv SAP?

Interspec2SAP Hungary:



To make the migration easier I have used the same schemas as PG uses on the AS400.

To switch from PG to ENSQL17 the configuration file [\\limsclient\c$\services\Updat\_HU.ini](file:///\\limsclient\c$\services\Updat_HU.ini) has to be modified:

*; Setting for PG on AS400*

*PG\_system=Provider=IBMDA400;Persist Security Info=true;Data Source=ensprod*

Has to be replaced by:

*; Settings for PG on ENSSQL17*

*PG\_system=Provider=SQLOLEDB.1;Password=A5400;Persist Security Info=True;User ID=AS400;Initial Catalog=AS400\_HU;Data Source=ENSSQL17*

*PG\_User=AS400*

*PG\_Password=A5400*

I have added the changes as comment in the ini-file.

# Migrating Update weights!

Don’t forget to change the upd\_weights.ini file in c:\batch on Limsclient.

## Switching ArtInfo.

Opm.Peter: hoe kan Artinfo zelf worden gestopped/gestart?

I have modified artinfo.dll such that you can switch to different databases on the fly.

Switch to AS400:

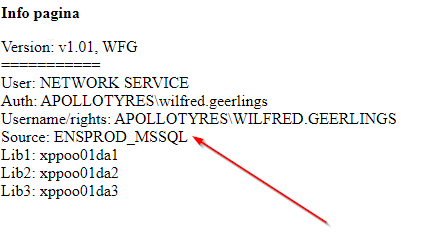
<http://artinfo.vredestein.com/artinfo.dll//switchas400?source=ensprod>

Switch to ENSSQL17:

<http://artinfo.vredestein.com/artinfo.dll//switchas400?source=ensprod_mssql>

Info page:

<http://artinfo.vredestein.com/artinfo.dll/info>



On the Info page you can check if the right database is being used!

## Maintenance tool SQLPG

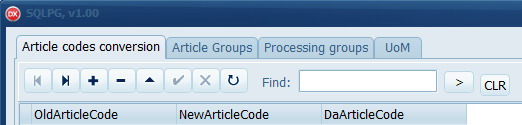
When PG on the AS400 is not used anymore after the switch, it is necessary to maintain some of the info that was maintained in PG before. I have created a tool SQLPG, it is located in [\\tce00\apps\SQLPG\_Maintenance](file:///\\tce00\apps\SQLPG_Maintenance) (access rights have to be determined yet). In that folder are 3 links:

* "SQLPG.exe - Enschede.lnk": Used in Enschede after the switch
* "SQLPG.exe - Hungary.lnk": Used in Hungary
* "SQLPG.exe - Enschede ArticleNumber conversion.lnk": Used to add/edit Vredestein article code to SAP codes. This tool should be used from now on for all Enschede conversions!

I have determined which info is needed for the Interspec2SAP interfaces and ArtInfo.

For Enschede:

* Article code conversions
* Article Groups
* Processing Groups
* UoM



For Hungary:

* Article Groups
* Processing Groups
* Raw Materials
* UoM

