JOBS

SYS.DBMS\_SCHEDULER.CREATE\_JOB

(

job\_name => 'UNILAB.UNI\_J\_REGULARRELEASE'

,start\_date => TO\_TIMESTAMP\_TZ('2022/02/08 16:51:44.000000 +01:00','yyyy/mm/dd hh24:mi:ss.ff tzh:tzm')

,repeat\_interval => 'FREQ = MINUTELY; INTERVAL = 1'

,end\_date => NULL

,job\_class => 'UNI\_JC\_OTHER\_JOBS'

,job\_type => 'PLSQL\_BLOCK'

,job\_action => 'DECLARE r NUMBER; BEGIN r:= APAOREGULARRELEASE.EvaluateTimeCountBased; END;'

,comments => NULL

);

cxapp.startalldbjobs

apaoaction.set\_connection

unapigen.setconnection  
client\_id := 'SamplePlanner’  
\_us :=l\_dba\_name = 'UNILAB'; *--&Username;*

a\_password = ‘ ‘

al\_applic := 'acplan’

l\_numeric\_characters := 'DB';

l\_date\_format := ''DDfx/fxMM/RR HH24fx:fxMI:SS';  
l\_time\_zone = SERVER  
l\_up =   
l\_user\_profile =   
l\_language =   
l\_tk =

UNAPIGEN.SETCONNECTION4INSTALL

UNAPIGEN.SETCONNECTION4INSTALL (incl. timezone)

ALGEHELE CONNECTIE-PROCEDURE NA INLOGGEN OP DATABASE.

APAOREGULARRELEASE.TIMECOUNTBASED(SC, 'job')

LOOP LVQ.ST

cxapp.stopalldbjobs

DBMS\_SCHEDULER.DROP\_JOB(l\_job\_id)

RegularRelease

APAOREGULARRELEASE.EvaluateTimeCountBasedl

UTSYSTEM  
DBA\_NAME = UNILAB

JOBS\_DATE\_FORMAT = DDfx/fxMM/RR HH24fx:fxMI:SS

END LOOP LVQ.SC

DELETE from ATAOREGULARRELEASE\_PLANNED (SC, PG, PGNODE )

UNAPIGEN.BEGINTRANSACTION

SELECT SC, PG, PGNODE   
FROM ATAOREGULARRELEASE\_PLANNED

ORDER BY SC, PGNODE;

UNAPIGEN.ENDTRANSACTION

COMMIT;

UNAPIEV.P\_SC = sc  
UNAPIEV.P\_PG = pg  
UNAPIEV.PGNODE = pgnode

DATAMODEL

ATAOREGULARRELEASE  
st  
release\_date

ATAOREGULARRELEASE\_PLANNED  
sc  
pg  
pgnode

ATAOREGULARRELEASE  
st release\_date  
GR\_6311\_TEX\_STE 03-12-2021 09.02.40.000000000 AM

GR\_5131\_IND\_PET 16-02-2022 11.09.43.000000000 AM

GR\_2131\_EVO\_BOT 08-06-2011 11.52.41.000000000 AM

GR\_2121\_KRE\_KRE 07-05-2015 10.53.05.000000000 AM

GR\_4411\_DUS\_SAL 11-10-2013 03.24.47.000000000 PM

GR\_5212\_RHE\_MAN 19-08-2020 07.40.57.000000000 AM

EM\_920 13-11-2018 03.04.00.000000000 AM

GR\_5311\_OMG\_FRA 01-11-2013 08.50.16.000000000 AM

EM\_786 15-06-2020 09.19.19.000000000 AM

EM\_652 14-05-2014 08.01.30.000000000 PM

EM\_772 16-02-2022 06.07.32.000000000 PM

EM\_753 16-02-2022 07.56.45.000000000 AM

EM\_732 15-02-2022 10.23.45.000000000 PM

GR\_5216\_BEH\_PER 18-01-2011 09.30.41.000000000 AM

GR\_3311\_ORG\_URE 07-01-2022 10.48.39.000000000 AM

GR\_4242\_MLC\_MAR 30-09-2020 02.58.36.000000000 PM  
…  
<TOTAAL = 585 SAMPLETYPES>

Unilab

CONFIGURATOR

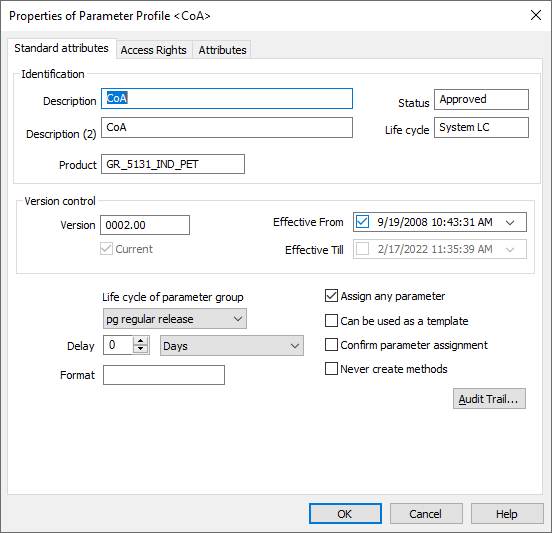
Ga naar PARAMETER-GROUP = COA

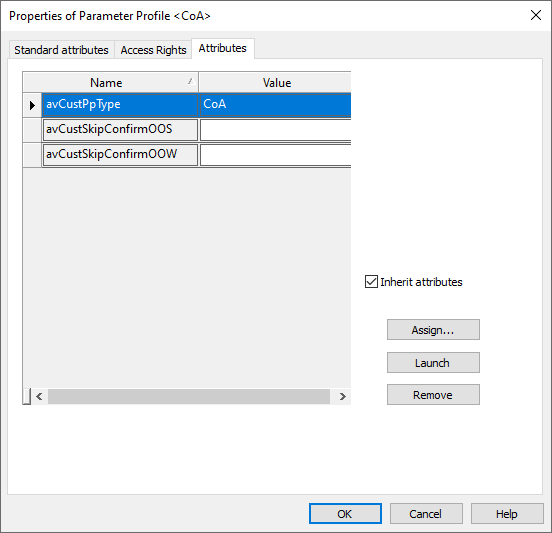
Afbeelding met tafel

Automatisch gegenereerde beschrijving

Afbeelding met tekst

Automatisch gegenereerde beschrijving

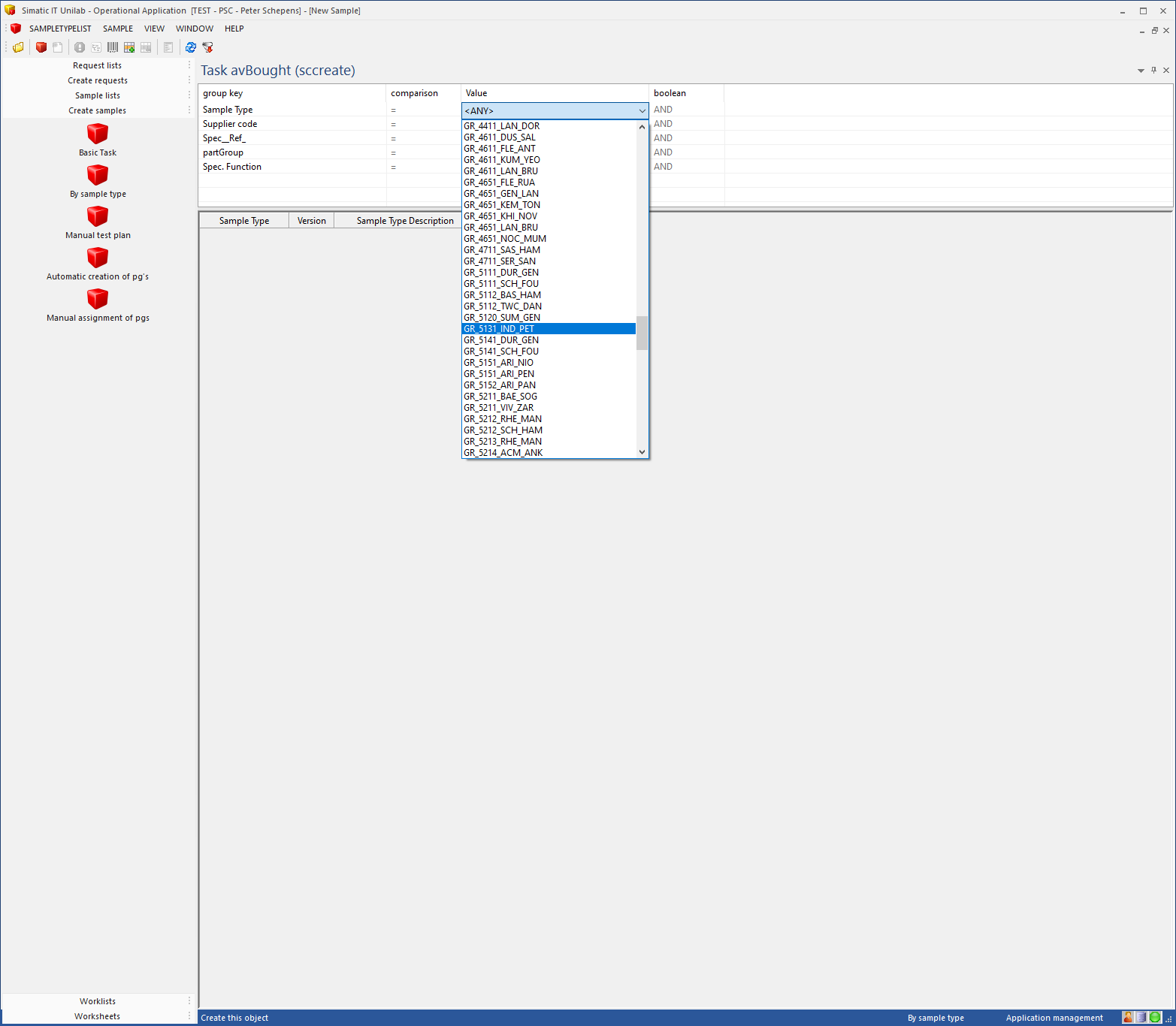


 attribuut = avCustPpType komt niet als ATTRIBUTE voor

Attributen avCustSkipConformOOS + avCustSkipConfirmOOW komen WEL als ATTRIBUTES in CONFIGURATOR voor.

ANALYZER

Create-sample



Of OPZOEKEN via SAMPLE-LIST

Afbeelding met tafel

Automatisch gegenereerde beschrijving

Afbeelding met tafel

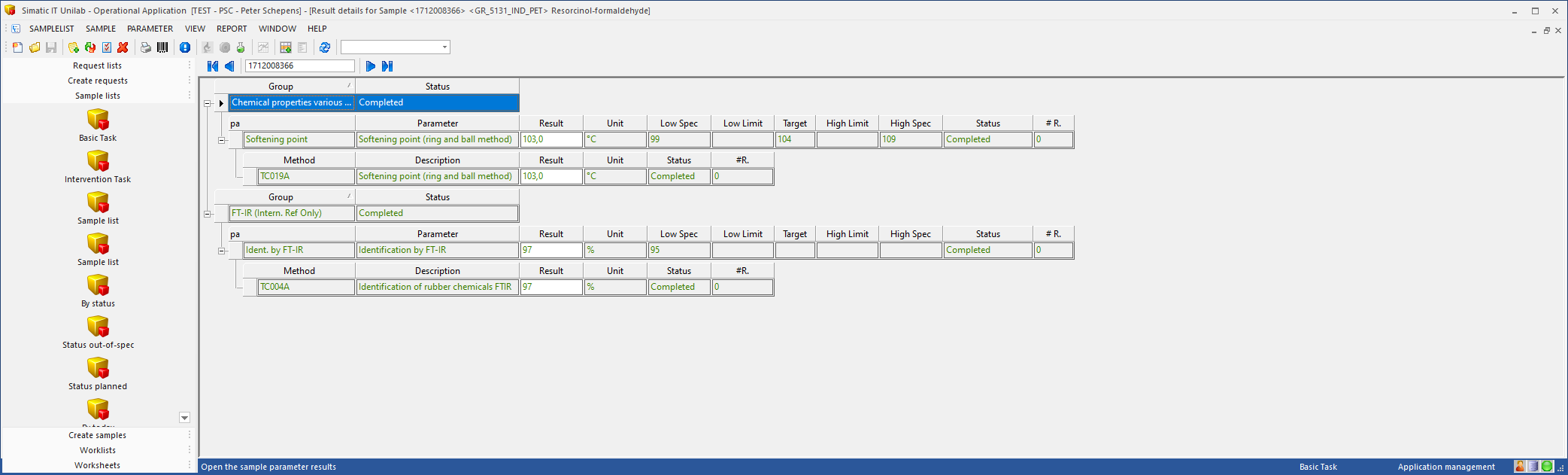
Automatisch gegenereerde beschrijving

Bij tweede sample zie ik onder RESULTS wel een COA-PARAMETER-GROUP:

Afbeelding met tafel

Automatisch gegenereerde beschrijving SC = 1831000630

Maar bij andere weer niet:

 SC = 1712008366

UNACTION.IC\_A01

--------------------------------------------------------------------------------

-- IC\_A01: Write XML for PIBS

--------------------------------------------------------------------------------

FUNCTION IC\_A01

RETURN APAOGEN.RETURN\_TYPE IS

lcs\_function\_name CONSTANT APAOGEN.API\_NAME\_TYPE := ics\_package\_name||'.'||'IC\_A01';

lvs\_sqlerrm APAOGEN.ERROR\_MSG\_TYPE;

lvi\_ret\_code APAOGEN.RETURN\_TYPE;

BEGIN

lvi\_ret\_code := APAOACTION.WRITEXML(UNAPIEV.P\_SC);

RETURN UNAPIGEN.DBERR\_SUCCESS;

EXCEPTION

WHEN OTHERS THEN

IF SQLCODE != 1 THEN

APAOGEN.LogError (lcs\_function\_name, SQLERRM);

END IF;

RETURN UNAPIGEN.DBERR\_GENFAIL;

END IC\_A01;

APAOACTION.WRITEXML

FUNCTION WriteXML(avs\_sc IN VARCHAR)

RETURN APAOGEN.RETURN\_TYPE IS

--------------------------------------------------------------------------------

-- Constants

--------------------------------------------------------------------------------

lcs\_function\_name CONSTANT APAOGEN.API\_NAME\_TYPE := ics\_package\_name || '.WriteXML';

--------------------------------------------------------------------------------

-- Variables

--------------------------------------------------------------------------------

lvi\_ret\_code APAOGEN.RETURN\_TYPE;

--------------------------------------------------------------------------------

-- Cursors

--------------------------------------------------------------------------------

BEGIN

lvi\_ret\_code:= APAO\_XML.WRITETOXML(avs\_sc);

RETURN lvi\_ret\_code;

EXCEPTION

WHEN OTHERS THEN

IF SQLCODE != 1 THEN

APAOGEN.LogError (lcs\_function\_name, SQLERRM);

END IF;

RETURN SQLCODE;

END WriteXML;

APAO\_XML.WRITETOXML

FUNCTION WriteToXML(avs\_sc IN VARCHAR2)

RETURN NUMBER IS

--------------------------------------------------------------------------------

-- Types

--------------------------------------------------------------------------------

--------------------------------------------------------------------------------

-- Constants

--------------------------------------------------------------------------------

lcs\_function\_name CONSTANT VARCHAR2(40) := ics\_package\_name||'.'||'WriteToXML(2)';

--------------------------------------------------------------------------------

-- Cursors

--------------------------------------------------------------------------------

--------------------------------------------------------------------------------

-- Variables

--------------------------------------------------------------------------------

lvs\_sqlerrm VARCHAR2(255);

lvi\_ret\_code NUMBER;

--------------------------------------------------------------------------------

-- Local functions and/or procedures

--------------------------------------------------------------------------------

BEGIN

lvi\_ret\_code := WriteToXML( 'XML',

'SELECT \* FROM avao\_sc\_xml WHERE sc = ''' || avs\_sc || '''');

RETURN lvi\_ret\_code;

EXCEPTION

WHEN OTHERS THEN

IF SQLCODE != 1 THEN

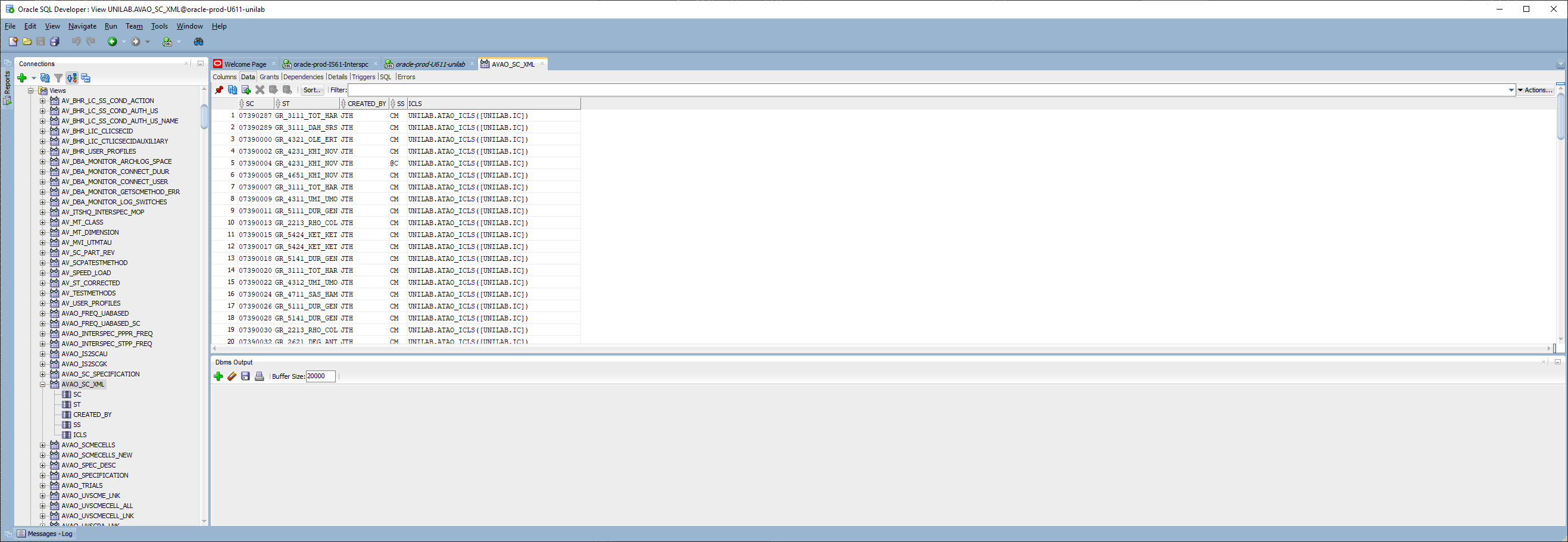
UNAPIGEN.LogError (lcs\_function\_name, SQLERRM);

END IF;

RETURN UNAPIGEN.DBERR\_GENFAIL;

END WriteToXML;

VIEW: AVAO\_SC\_XML



ICLS = UNILAB.ATAO\_ICLS(UNILAB.IC)

BIJV. SC = 07390287

TYPE = ATAO\_ICLS

create or replace TYPE "ATAO\_ICLS" AS TABLE OF ic;

TYPE = IC

create or replace TYPE "IC" AS OBJECT (

IC VARCHAR2(20),

ICNODE NUMBER(9),

IP\_VERSION VARCHAR2(20),

DESCRIPTION VARCHAR2(40),

WINSIZE\_X NUMBER(4),

WINSIZE\_Y NUMBER(4),

IS\_PROTECTED CHAR (1),

HIDDEN CHAR (1),

MANUALLY\_ADDED CHAR (1),

NEXT\_II VARCHAR2(20),

IC\_CLASS VARCHAR2(2),

LOG\_HS CHAR (1),

LOG\_HS\_DETAILS CHAR (1),

ALLOW\_MODIFY CHAR (1),

AR CHAR (1),

ACTIVE CHAR (1),

LC VARCHAR2(2),

LC\_VERSION VARCHAR2(20),

SS VARCHAR2(2),

**IILS ATAO\_IILS 🡪 VANUIT OBJECT IC WORDT weer STRUCTUUR VAN IILS AANGEROEPEN !!!**

);

create or replace TYPE "ATAO\_IILS" AS TABLE OF ii;

ATAO\_IILS TABLE OF UNILAB.II

Name Null? Type

-------------- ----- -------------------

II VARCHAR2(20 CHAR)

IINODE NUMBER(9)

IE\_VERSION VARCHAR2(20 CHAR)

IIVALUE VARCHAR2(2000 CHAR)

POS\_X NUMBER(4)

POS\_Y NUMBER(4)

IS\_PROTECTED CHAR(1 CHAR)

MANDATORY CHAR(1 CHAR)

HIDDEN CHAR(1 CHAR)

DSP\_TITLE VARCHAR2(40 CHAR)

DSP\_LEN NUMBER(4)

DSP\_TP CHAR(1 CHAR)

DSP\_ROWS NUMBER(3)

II\_CLASS VARCHAR2(2 CHAR)

LOG\_HS CHAR(1 CHAR)

LOG\_HS\_DETAILS CHAR(1 CHAR)

ALLOW\_MODIFY CHAR(1 CHAR)

AR CHAR(1 CHAR)

ACTIVE CHAR(1 CHAR)

LC VARCHAR2(2 CHAR)

LC\_VERSION VARCHAR2(20 CHAR)

SS VARCHAR2(2 CHAR)

DEZE STRUCTUUR KOMT INDERDAAD OVEREEN MET HETGEEN IN DE XML IN DE II-SECTIE KOMT TE STAAN !!!

VRAAG: HOE WORDT DEZE STRUCTUUR GEVULD? EN WAAR KOMT DE REST VAN DE XML-DATA VANDAAN?

<II>

<II>avRelease</II>

<IINODE>5000000</IINODE>

<IE\_VERSION>0001.00</IE\_VERSION>

<IIVALUE>0</IIVALUE>

<POS\_X>156</POS\_X>

<POS\_Y>200</POS\_Y>

<IS\_PROTECTED>0</IS\_PROTECTED>

<MANDATORY>0</MANDATORY>

<HIDDEN>1</HIDDEN>

<DSP\_TITLE>Release on sample</DSP\_TITLE>

<DSP\_LEN>40</DSP\_LEN>

<DSP\_TP>B</DSP\_TP>

<DSP\_ROWS>0</DSP\_ROWS>

<II\_CLASS/>

<LOG\_HS>1</LOG\_HS>

<LOG\_HS\_DETAILS>1</LOG\_HS\_DETAILS>

<ALLOW\_MODIFY>1</ALLOW\_MODIFY>

<AR>W</AR>

<ACTIVE>0</ACTIVE>

<LC/>

<LC\_VERSION/>

<SS/>

</II>

FUNCTION WriteToXML( avs\_uc IN VARCHAR2,

avs\_query IN VARCHAR2)

RETURN NUMBER IS

--------------------------------------------------------------------------------

-- Types

--------------------------------------------------------------------------------

--------------------------------------------------------------------------------

-- Constants

--------------------------------------------------------------------------------

lcs\_function\_name CONSTANT VARCHAR2(40) := ics\_package\_name||'.'||'WriteToXML(3)';

--------------------------------------------------------------------------------

-- Cursors

--------------------------------------------------------------------------------

--------------------------------------------------------------------------------

-- Variables

--------------------------------------------------------------------------------

lvs\_sqlerrm VARCHAR2(255);

lvi\_ret\_code NUMBER;

--------------------------------------------------------------------------------

-- Local functions and/or procedures

--------------------------------------------------------------------------------

BEGIN

lvi\_ret\_code := WriteToXML( 'XML\_OUT',

GenerateNextCodemask(avs\_uc),

avs\_query);

RETURN lvi\_ret\_code;

EXCEPTION

WHEN OTHERS THEN

IF SQLCODE != 1 THEN

UNAPIGEN.LogError (lcs\_function\_name, SQLERRM);

END IF;

RETURN UNAPIGEN.DBERR\_GENFAIL;

END WriteToXML;

FUNCTION WriteToXML(avs\_directory IN VARCHAR2,

avs\_filename IN VARCHAR2,

avs\_query IN VARCHAR2)

RETURN NUMBER IS

--------------------------------------------------------------------------------

-- Types

--------------------------------------------------------------------------------

--------------------------------------------------------------------------------

-- Constants

--------------------------------------------------------------------------------

lcs\_function\_name CONSTANT VARCHAR2(40) := ics\_package\_name||'.'||'WriteToXML(4)';

--------------------------------------------------------------------------------

-- Cursors

--------------------------------------------------------------------------------

--------------------------------------------------------------------------------

-- Variables

--------------------------------------------------------------------------------

lvs\_sqlerrm VARCHAR2(255);

lvi\_ret\_code NUMBER;

queryCtx dbms\_xmlstore.ctxType;

ctx dbms\_xmlstore.ctxHandle;

lv\_xml\_clob CLOB;

lv\_clob\_len PLS\_INTEGER;

--------------------------------------------------------------------------------

-- Local functions and/or procedures

--------------------------------------------------------------------------------

BEGIN

ctx := dbms\_xmlgen.newContext(avs\_query);

dbms\_xmlgen.setRowTag(ctx, 'SC');

dbms\_xmlgen.setRowSetTag(ctx, 'SCLS');

dbms\_xmlgen.setNullHandling(ctx, dbms\_xmlgen.EMPTY\_TAG);

lv\_xml\_clob := dbms\_xmlgen.getXML(ctx);

lv\_clob\_len := dbms\_lob.getlength(lv\_xml\_clob);

lvi\_ret\_code := ClobToFile( avs\_directory,

avs\_filename,

lv\_xml\_clob);

dbms\_xmlgen.closeContext(ctx);

RETURN lvi\_ret\_code;

EXCEPTION

WHEN OTHERS THEN

IF SQLCODE != 1 THEN

UNAPIGEN.LogError (lcs\_function\_name, SQLERRM);

END IF;

RETURN UNAPIGEN.DBERR\_GENFAIL;

END WriteToXML;

UITPLUIZEN VAN DE SQL

SELECT \* FROM avao\_sc\_xml WHERE sc = '07390287';

DIRECTORY:   
XML\_OUT DIRECTORY\_NAME XML\_OUT  
 DIRECTORY\_PATH D:\unilink\out  
 Privilege list READ, WRITE

EXPORT\_DIR DIRECTORY\_NAME EXPORT\_DIR  
 DIRECTORY\_PATH D:\Export\U611  
 Privilege list READ, WRITE

Roep deze procedure aan: bijv. met directory = EXPORT-DIR, om te voorkomen dat file door unilink of pibs wordt opgepakt…

Set serveroutput on

DECLARE

L\_result number;

Begin

L\_result := APAO\_XML.WRITETOXML('EXPORT\_DIR', 'COA\_peter.xml', 'SELECT \* FROM avao\_sc\_xml WHERE sc = '||''''||'07390287'||'''' );

Dbms\_output.put\_line('result: '||l\_result);

End;

/

CREATE OR REPLACE FORCE VIEW "UNILAB"."AVAO\_SC\_XML"

( "SC"

, "ST"

, "CREATED\_BY"

, "SS"

, "ICLS")

AS

SELECT m.sc

, m.st

, m.created\_by

, m.ss

, CAST (MULTISET (SELECT ic  
 , icnode

, ip\_version

, description

, winsize\_x

, winsize\_y

, is\_protected

, hidden

, manually\_added

, next\_ii

, ic\_class

, log\_hs

, log\_hs\_details

, allow\_modify

, ar

, active

, lc

, lc\_version

, ss

, CAST (MULTISET (SELECT ii

, iinode

, ie\_version

, iivalue

, pos\_x

, pos\_y

, is\_protected

, mandatory

, hidden

, dsp\_title

, dsp\_len

, dsp\_tp

, dsp\_rows

, ii\_class

, log\_hs

, log\_hs\_details

, allow\_modify

, ar

, active

, lc

, lc\_version

, ss

FROM uvscii

WHERE sc(+) = a.sc

AND ic = a.ic

AND icnode = a.icnode

) AS atao\_iils

) iils

FROM uvscic a

WHERE a.sc(+) = m.sc

) AS atao\_icls

) icls

FROM utsc m

;

--

GRANT SELECT ON "UNILAB"."AVAO\_SC\_XML" TO "LIMS";

**LET OP: DE DB-TYPES (ATAO\_IILS/ATAO\_ICLS) zijn noodzakelijk voor gebruik in de VIEW !!! Geef je deze een andere ALIAS-naam dan krijg je ERROR bij creatie van de VIEW.**

Er wordt nu een XML-BESTAND aangemaakt in directory EXPORT\_DIR

<?xml version="1.0"?>

<SCLS>

<SC>

<SC>07390287</SC>

<ST>GR\_3111\_TOT\_HAR</ST>

<CREATED\_BY>JTH</CREATED\_BY>

<SS>CM</SS>

<ICLS>

<IC>

<IC>avBoughtRm</IC>

<ICNODE>1000000</ICNODE>

<IP\_VERSION>0001.07</IP\_VERSION>

<DESCRIPTION>Raw Materials default</DESCRIPTION>

<WINSIZE\_X>290</WINSIZE\_X>

<WINSIZE\_Y>155</WINSIZE\_Y>

<IS\_PROTECTED>0</IS\_PROTECTED>

<HIDDEN>0</HIDDEN>

<MANUALLY\_ADDED>1</MANUALLY\_ADDED>

<NEXT\_II>avKlars</NEXT\_II>

<IC\_CLASS/>

<LOG\_HS>1</LOG\_HS>

<LOG\_HS\_DETAILS>1</LOG\_HS\_DETAILS>

<ALLOW\_MODIFY>1</ALLOW\_MODIFY>

<AR>W</AR>

<ACTIVE>0</ACTIVE>

<LC>@L</LC>

<LC\_VERSION>0</LC\_VERSION>

<SS>@E</SS>

<IILS>

<II>

<II>avAssignPg</II>

<IINODE>1000000</IINODE>

<IE\_VERSION>0001.02</IE\_VERSION>

<IIVALUE>CoA</IIVALUE>

<POS\_X>155</POS\_X>

<POS\_Y>115</POS\_Y>

<IS\_PROTECTED>0</IS\_PROTECTED>

<MANDATORY>0</MANDATORY>

<HIDDEN>0</HIDDEN>

<DSP\_TITLE>Assign Pg</DSP\_TITLE>

<DSP\_LEN>40</DSP\_LEN>

<DSP\_TP>C</DSP\_TP>

<DSP\_ROWS>5</DSP\_ROWS>

<II\_CLASS/>

<LOG\_HS>1</LOG\_HS>

<LOG\_HS\_DETAILS>1</LOG\_HS\_DETAILS>

<ALLOW\_MODIFY>1</ALLOW\_MODIFY>

<AR>W</AR>

<ACTIVE>0</ACTIVE>

<LC/>

<LC\_VERSION/>

<SS/>

</II>

<II>

<II>avAssignPgButton</II>

<IINODE>5000000</IINODE>

<IE\_VERSION>0001.00</IE\_VERSION>

<IIVALUE/>

<POS\_X>355</POS\_X>

<POS\_Y>115</POS\_Y>

<IS\_PROTECTED>0</IS\_PROTECTED>

<MANDATORY>0</MANDATORY>

<HIDDEN>0</HIDDEN>

<DSP\_TITLE>Assign Pg</DSP\_TITLE>

<DSP\_LEN>20</DSP\_LEN>

<DSP\_TP>P</DSP\_TP>

<DSP\_ROWS>0</DSP\_ROWS>

<II\_CLASS/>

<LOG\_HS>1</LOG\_HS>

<LOG\_HS\_DETAILS>1</LOG\_HS\_DETAILS>

<ALLOW\_MODIFY>1</ALLOW\_MODIFY>

<AR>W</AR>

<ACTIVE>0</ACTIVE>

<LC/>

<LC\_VERSION/>

<SS/>

</II>

<II>

<II>avCertificateLotnr</II>

<IINODE>9000000</IINODE>

<IE\_VERSION>0001.00</IE\_VERSION>

<IIVALUE>135007</IIVALUE>

<POS\_X>155</POS\_X>

<POS\_Y>69</POS\_Y>

<IS\_PROTECTED>0</IS\_PROTECTED>

<MANDATORY>0</MANDATORY>

<HIDDEN>0</HIDDEN>

<DSP\_TITLE>Lotnr (Certificate)</DSP\_TITLE>

<DSP\_LEN>20</DSP\_LEN>

<DSP\_TP>I</DSP\_TP>

<DSP\_ROWS>1</DSP\_ROWS>

<II\_CLASS/>

<LOG\_HS>1</LOG\_HS>

<LOG\_HS\_DETAILS>1</LOG\_HS\_DETAILS>

<ALLOW\_MODIFY>1</ALLOW\_MODIFY>

<AR>W</AR>

<ACTIVE>0</ACTIVE>

<LC/>

<LC\_VERSION/>

<SS/>

</II>

<II>

<II>avCertificateSeq</II>

<IINODE>8000000</IINODE>

<IE\_VERSION>0001.01</IE\_VERSION>

<IIVALUE>5746</IIVALUE>

<POS\_X>155</POS\_X>

<POS\_Y>46</POS\_Y>

<IS\_PROTECTED>0</IS\_PROTECTED>

<MANDATORY>0</MANDATORY>

<HIDDEN>0</HIDDEN>

<DSP\_TITLE>Volgnr</DSP\_TITLE>

<DSP\_LEN>12</DSP\_LEN>

<DSP\_TP>I</DSP\_TP>

<DSP\_ROWS>1</DSP\_ROWS>

<II\_CLASS/>

<LOG\_HS>1</LOG\_HS>

<LOG\_HS\_DETAILS>1</LOG\_HS\_DETAILS>

<ALLOW\_MODIFY>1</ALLOW\_MODIFY>

<AR>W</AR>

<ACTIVE>0</ACTIVE>

<LC/>

<LC\_VERSION/>

<SS/>

</II>

<II>

<II>avKlars</II>

<IINODE>2000000</IINODE>

<IE\_VERSION>0001.00</IE\_VERSION>

<IIVALUE/>

<POS\_X>155</POS\_X>

<POS\_Y>184</POS\_Y>

<IS\_PROTECTED>0</IS\_PROTECTED>

<MANDATORY>0</MANDATORY>

<HIDDEN>0</HIDDEN>

<DSP\_TITLE>KLARS-code</DSP\_TITLE>

<DSP\_LEN>20</DSP\_LEN>

<DSP\_TP>I</DSP\_TP>

<DSP\_ROWS>1</DSP\_ROWS>

<II\_CLASS/>

<LOG\_HS>1</LOG\_HS>

<LOG\_HS\_DETAILS>1</LOG\_HS\_DETAILS>

<ALLOW\_MODIFY>1</ALLOW\_MODIFY>

<AR>W</AR>

<ACTIVE>0</ACTIVE>

<LC/>

<LC\_VERSION/>

<SS/>

</II>

<II>

<II>avPibsLotNr</II>

<IINODE>4000000</IINODE>

<IE\_VERSION>0001.03</IE\_VERSION>

<IIVALUE/>

<POS\_X>155</POS\_X>

<POS\_Y>92</POS\_Y>

<IS\_PROTECTED>0</IS\_PROTECTED>

<MANDATORY>0</MANDATORY>

<HIDDEN>0</HIDDEN>

<DSP\_TITLE>Lotnr (PIBS)</DSP\_TITLE>

<DSP\_LEN>80</DSP\_LEN>

<DSP\_TP>I</DSP\_TP>

<DSP\_ROWS>1</DSP\_ROWS>

<II\_CLASS/>

<LOG\_HS>1</LOG\_HS>

<LOG\_HS\_DETAILS>1</LOG\_HS\_DETAILS>

<ALLOW\_MODIFY>1</ALLOW\_MODIFY>

<AR>W</AR>

<ACTIVE>0</ACTIVE>

<LC/>

<LC\_VERSION/>

<SS/>

</II>

<II>

<II>avRelease</II>

<IINODE>3000000</IINODE>

<IE\_VERSION>0001.00</IE\_VERSION>

<IIVALUE>0</IIVALUE>

<POS\_X>155</POS\_X>

<POS\_Y>207</POS\_Y>

<IS\_PROTECTED>0</IS\_PROTECTED>

<MANDATORY>0</MANDATORY>

<HIDDEN>1</HIDDEN>

<DSP\_TITLE>Release on sample</DSP\_TITLE>

<DSP\_LEN>40</DSP\_LEN>

<DSP\_TP>B</DSP\_TP>

<DSP\_ROWS>0</DSP\_ROWS>

<II\_CLASS/>

<LOG\_HS>1</LOG\_HS>

<LOG\_HS\_DETAILS>1</LOG\_HS\_DETAILS>

<ALLOW\_MODIFY>1</ALLOW\_MODIFY>

<AR>W</AR>

<ACTIVE>0</ACTIVE>

<LC/>

<LC\_VERSION/>

<SS/>

</II>

<II>

<II>avSpecRef</II>

<IINODE>6000000</IINODE>

<IE\_VERSION>0001.02</IE\_VERSION>

<IIVALUE>AV\_3111S\_1</IIVALUE>

<POS\_X>155</POS\_X>

<POS\_Y>138</POS\_Y>

<IS\_PROTECTED>0</IS\_PROTECTED>

<MANDATORY>0</MANDATORY>

<HIDDEN>0</HIDDEN>

<DSP\_TITLE>Specification reference</DSP\_TITLE>

<DSP\_LEN>40</DSP\_LEN>

<DSP\_TP>C</DSP\_TP>

<DSP\_ROWS>3</DSP\_ROWS>

<II\_CLASS/>

<LOG\_HS>1</LOG\_HS>

<LOG\_HS\_DETAILS>1</LOG\_HS\_DETAILS>

<ALLOW\_MODIFY>1</ALLOW\_MODIFY>

<AR>W</AR>

<ACTIVE>0</ACTIVE>

<LC/>

<LC\_VERSION/>

<SS/>

</II>

<II>

<II>avSupplierCode</II>

<IINODE>7000000</IINODE>

<IE\_VERSION>0001.04</IE\_VERSION>

<IIVALUE>TOTAL</IIVALUE>

<POS\_X>155</POS\_X>

<POS\_Y>161</POS\_Y>

<IS\_PROTECTED>0</IS\_PROTECTED>

<MANDATORY>0</MANDATORY>

<HIDDEN>0</HIDDEN>

<DSP\_TITLE>Supplier Code</DSP\_TITLE>

<DSP\_LEN>40</DSP\_LEN>

<DSP\_TP>C</DSP\_TP>

<DSP\_ROWS>3</DSP\_ROWS>

<II\_CLASS/>

<LOG\_HS>1</LOG\_HS>

<LOG\_HS\_DETAILS>1</LOG\_HS\_DETAILS>

<ALLOW\_MODIFY>1</ALLOW\_MODIFY>

<AR>W</AR>

<ACTIVE>0</ACTIVE>

<LC/>

<LC\_VERSION/>

<SS/>

</II>

</IILS>

</IC>

</ICLS>

</SC>

</SCLS>

UNACTION.PG\_A04

--------------------------------------------------------------------------------

-- PG\_A04: CoA:

-- Takes parameters out of other parameter profiles if PPPRAU: "CoA" = "Y"

-- and overwrites description in case PPPRAU-description. The names for the UA's

-- are configuratble in de ATOACONSTANT table.

-- also spec limits are copied

--------------------------------------------------------------------------------

FUNCTION PG\_A04

RETURN APAOGEN.RETURN\_TYPE IS

--------------------------------------------------------------------------------

-- Types

--------------------------------------------------------------------------------

--------------------------------------------------------------------------------

-- Constants

--------------------------------------------------------------------------------

lcs\_function\_name CONSTANT APAOGEN.API\_NAME\_TYPE := ics\_package\_name||'.'||'PG\_A04';

--------------------------------------------------------------------------------

-- Cursors

--------------------------------------------------------------------------------

CURSOR lvq\_add\_pa (avs\_st IN VARCHAR2, avs\_st\_version IN VARCHAR2) IS

SELECT c.pp original\_pp, c.version original\_pp\_version, c.pp\_key1 original\_pp\_key1,

c.pp\_key2 original\_pp\_key2, c.pp\_key3 original\_pp\_key3,

c.pp\_key4 original\_pp\_key4, c.pp\_key5 original\_pp\_key5,

c.seq original\_seq, e.pr, e.version pr\_version, NVL(f.value,'Do Nothing') description

FROM utstpp a, utpp b, utpppr c, utppprau d, utpr e, utppprau f

WHERE a.st = avs\_st

AND a.version = avs\_st\_version

AND a.pp <> UNAPIEV.P\_PG

AND a.pp = b.pp

AND a.pp\_key1 = avs\_st

AND b.version\_is\_current = '1'

AND b.version = c.version

AND a.pp = c.pp

AND a.pp\_key1 = c.pp\_key1

AND a.pp\_key1 = b.pp\_key1

AND a.pp = d.pp

AND a.pp\_key1 = d.pp\_key1

AND b.version = d.version

AND d.au = 'CoA'

AND d.value = 'Y'

AND c.pr\_version = '~Current~'

AND d.pr\_version = '~Current~'

AND c.pr = d.pr

AND c.pr = e.pr

AND e.version\_is\_current = '1'

AND c.pp = f.pp (+)

AND c.version = f.version (+)

AND c.pr = f.pr (+)

AND f.pr\_version (+) = '~Current~'

AND c.pp\_key1 = f.pp\_key1 (+)

AND f.au(+) = ics\_au\_cust\_description

ORDER BY a.seq ASC, c.seq ASC;

--------------------------------------------------------------------------------

-- Variables

--------------------------------------------------------------------------------

lvs\_sqlerrm APAOGEN.ERROR\_MSG\_TYPE;

lvi\_ret\_code APAOGEN.RETURN\_TYPE;

lvi\_count PLS\_INTEGER;

lvs\_st APAOGEN.NAME\_TYPE;

lvs\_st\_version APAOGEN.VERSION\_TYPE;

lvn\_panode APAOGEN.NODE\_TYPE;

--------------------------------------------------------------------------------

-- Local functions and/or procedures

--------------------------------------------------------------------------------

BEGIN

-----------------------------------------------------------------------------

-- Check if attribute is present if not leave function

-----------------------------------------------------------------------------

SELECT COUNT(\*)

INTO lvi\_count

FROM utppau

WHERE pp = UNAPIEV.P\_PG

AND au = ics\_au\_cust\_pp\_type;

IF lvi\_count = 0 THEN

RETURN UNAPIGEN.DBERR\_SUCCESS;

END IF;

-----------------------------------------------------------------------------

-- Get the sampletype from active sample

-----------------------------------------------------------------------------

SELECT st, st\_version

INTO lvs\_st, lvs\_st\_version

FROM utsc

WHERE sc = UNAPIEV.P\_SC;

FOR lvr\_add\_pa IN lvq\_add\_pa (avs\_st=>lvs\_st, avs\_st\_version=>lvs\_st\_version) LOOP

--------------------------------------------------------------------------

-- Make sure the panode is always empty

--------------------------------------------------------------------------

lvn\_panode := NULL;

lvi\_ret\_code := APAOFUNCTIONS.AssignParameter

(avs\_sc =>UNAPIEV.P\_SC,

avs\_pg =>UNAPIEV.P\_PG, avn\_pgnode=>UNAPIEV.P\_PGNODE, avs\_pp\_version=>lvr\_add\_pa.original\_pp\_version,

avs\_pp\_key1 =>lvr\_add\_pa.original\_pp\_key1,

avs\_pp\_key2 =>lvr\_add\_pa.original\_pp\_key2,

avs\_pp\_key3 =>lvr\_add\_pa.original\_pp\_key3,

avs\_pp\_key4 =>lvr\_add\_pa.original\_pp\_key4,

avs\_pp\_key5 =>lvr\_add\_pa.original\_pp\_key5,

avs\_pa =>lvr\_add\_pa.pr, avn\_panode=>lvn\_panode, avs\_pr\_version=>lvr\_add\_pa.pr\_version,

avs\_modify\_reason=>'Created by lifecycleaction ' || lcs\_function\_name || '.',

avb\_with\_details => FALSE);

--------------------------------------------------------------------------

-- Check if we have to update the description

--------------------------------------------------------------------------

IF lvr\_add\_pa.description <> 'Do Nothing' THEN

UPDATE utscpa

SET description = lvr\_add\_pa.description

WHERE sc = UNAPIEV.P\_SC

AND pg = UNAPIEV.P\_PG AND pgnode = UNAPIEV.P\_PGNODE

AND pa = lvr\_add\_pa.pr AND panode = lvn\_panode;

END IF;

--------------------------------------------------------------------------

-- Add the specifications

--------------------------------------------------------------------------

INSERT

INTO utscpaspa (sc, pg, pgnode, pa, panode,

low\_limit, high\_limit, low\_spec, high\_spec,

low\_dev, rel\_low\_dev, target, high\_dev, rel\_high\_dev)

SELECT UNAPIEV.P\_SC, UNAPIEV.P\_PG, UNAPIEV.P\_PGNODE, lvr\_add\_pa.pr, lvn\_panode,

low\_limit, high\_limit, low\_spec, high\_spec,

low\_dev, rel\_low\_dev, target, high\_dev, rel\_high\_dev

FROM utppspa

WHERE pp = lvr\_add\_pa.original\_pp

AND version = lvr\_add\_pa.original\_pp\_version

AND pp\_key1 = lvr\_add\_pa.original\_pp\_key1

AND pr = lvr\_add\_pa.pr

AND seq = lvr\_add\_pa.original\_seq;

INSERT

INTO utscpaspb (sc, pg, pgnode, pa, panode,

low\_limit, high\_limit, low\_spec, high\_spec,

low\_dev, rel\_low\_dev, target, high\_dev, rel\_high\_dev)

SELECT UNAPIEV.P\_SC, UNAPIEV.P\_PG, UNAPIEV.P\_PGNODE, lvr\_add\_pa.pr, lvn\_panode,

low\_limit, high\_limit, low\_spec, high\_spec,

low\_dev, rel\_low\_dev, target, high\_dev, rel\_high\_dev

FROM utppspb

WHERE pp = lvr\_add\_pa.original\_pp

AND version = lvr\_add\_pa.original\_pp\_version

AND pp\_key1 = lvr\_add\_pa.original\_pp\_key1

AND pr = lvr\_add\_pa.pr

AND seq = lvr\_add\_pa.original\_seq;

INSERT

INTO utscpaspc (sc, pg, pgnode, pa, panode,

low\_limit, high\_limit, low\_spec, high\_spec,

low\_dev, rel\_low\_dev, target, high\_dev, rel\_high\_dev)

SELECT UNAPIEV.P\_SC, UNAPIEV.P\_PG, UNAPIEV.P\_PGNODE, lvr\_add\_pa.pr, lvn\_panode,

low\_limit, high\_limit, low\_spec, high\_spec,

low\_dev, rel\_low\_dev, target, high\_dev, rel\_high\_dev

FROM utppspc

WHERE pp = lvr\_add\_pa.original\_pp

AND version = lvr\_add\_pa.original\_pp\_version

AND pp\_key1 = lvr\_add\_pa.original\_pp\_key1

AND pr = lvr\_add\_pa.pr

AND seq = lvr\_add\_pa.original\_seq;

END LOOP;

-----------------------------------------------------------------------------

-- Always return success in an action

-----------------------------------------------------------------------------

RETURN UNAPIGEN.DBERR\_SUCCESS;

EXCEPTION

WHEN OTHERS THEN

IF SQLCODE != 1 THEN

APAOGEN.LogError (lcs\_function\_name, SUBSTR ('sc='||UNAPIEV.P\_SC||', pg= '||UNAPIEV.P\_PG||': '||SQLERRM, 1, 255));

END IF;

-----------------------------------------------------------------------------

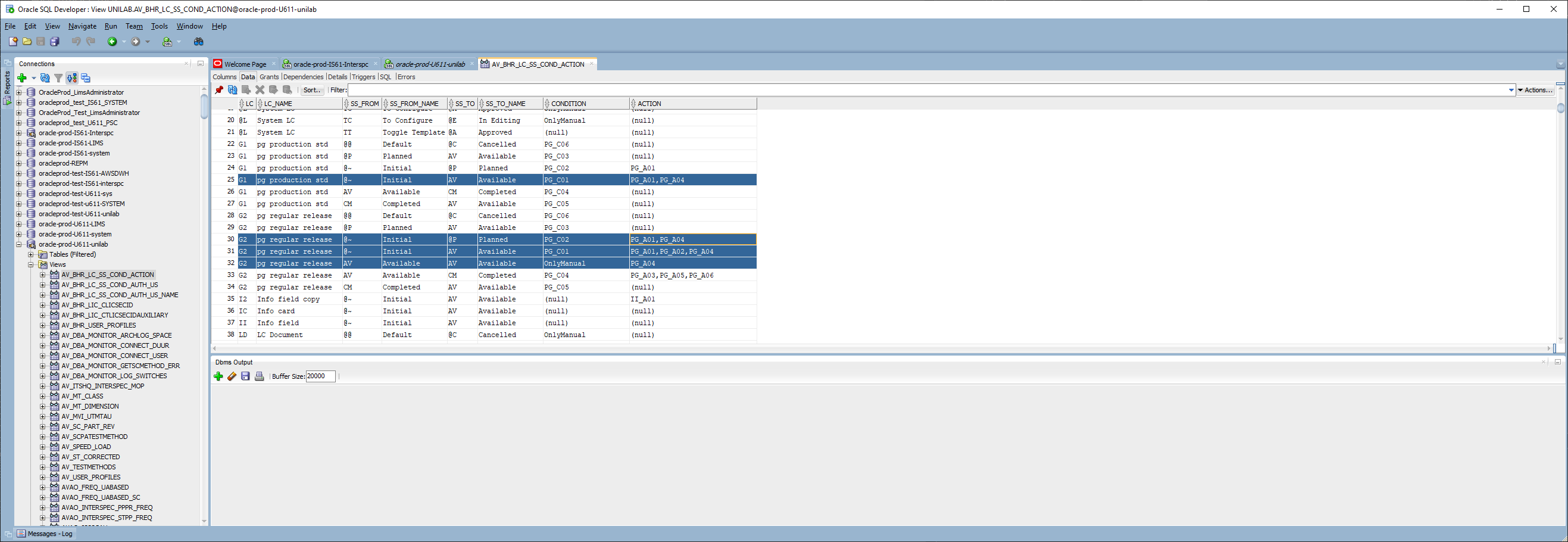
-- Always return success in an action

-----------------------------------------------------------------------------

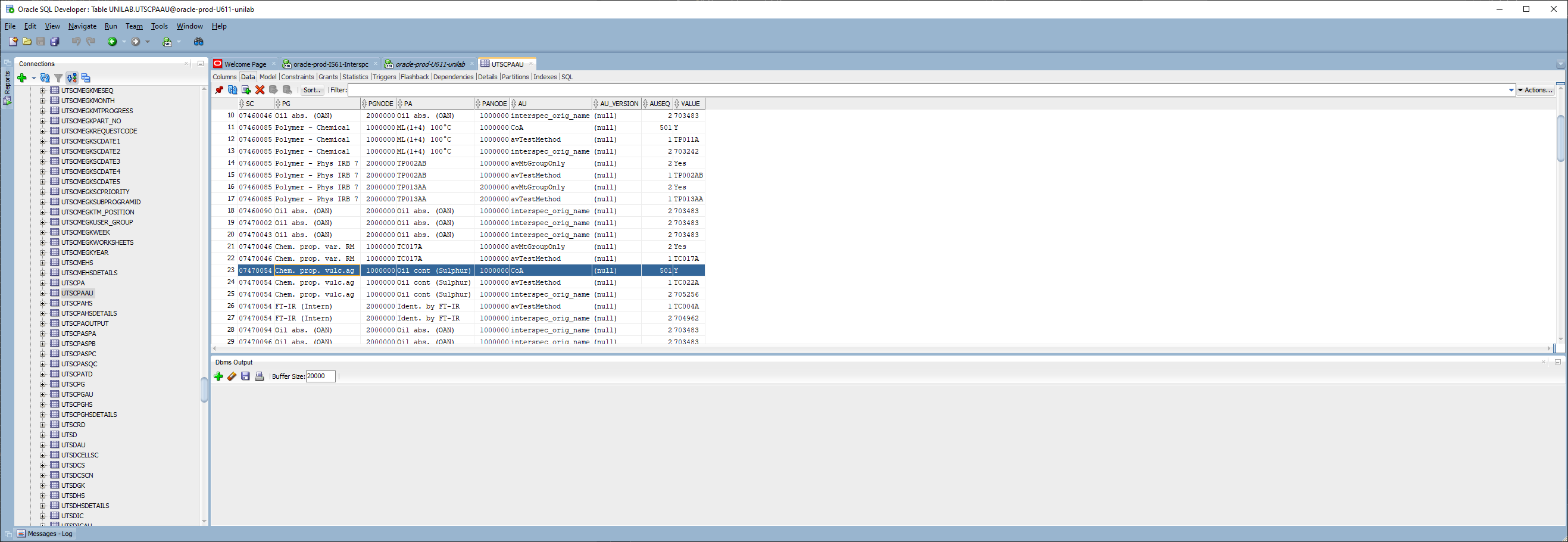
RETURN UNAPIGEN.DBERR\_SUCCESS;

END PG\_A04;

LIFECYCLE aanroep van PG\_A04

 Dit gebeurt dus vanuit LC="pg production std" EN "pg regular release"

Tabel UTSCPAAU

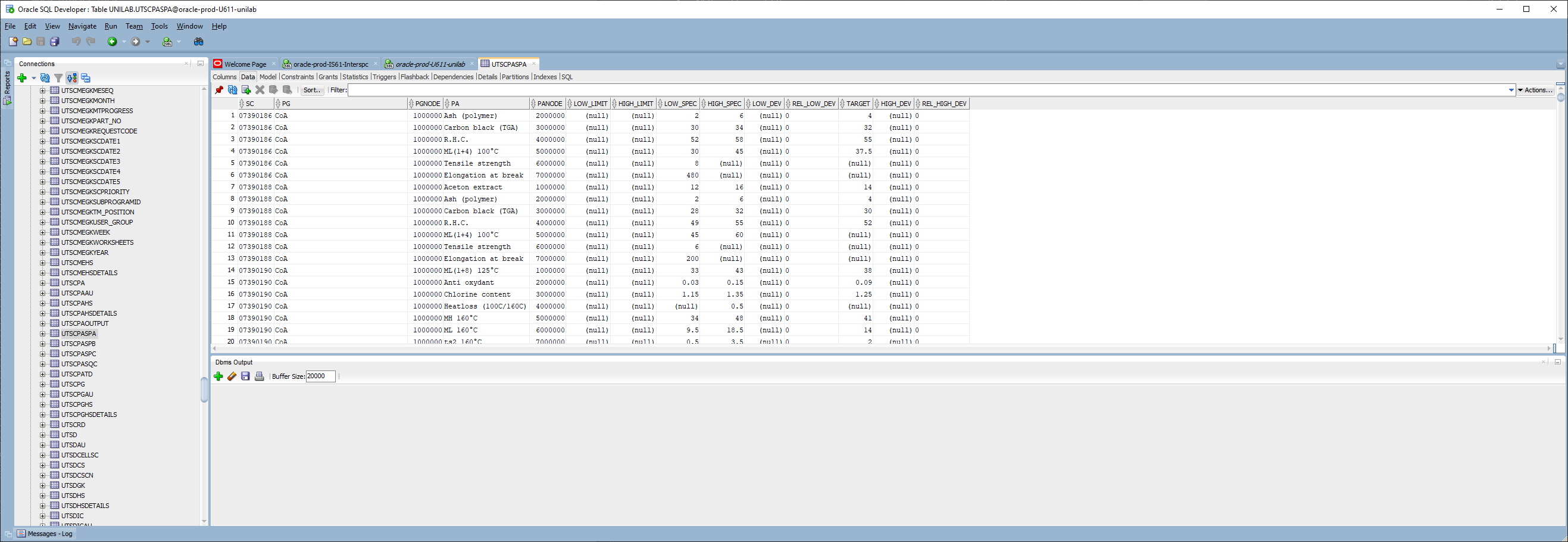
 Hier zien we AU=COA met waarde=Y

Tabel UTSCPA

Afbeelding met tekst, schermafbeelding, venster

Automatisch gegenereerde beschrijving

Tabel UTSCPASPA

 Tabellen UTSCPASPB + UTSCPASPC zijn leeg !!!!

Vergelijking van de db-types MET de db-tabellen

II

Name Null? Type

-------------- ----- -------------------

II VARCHAR2(20 CHAR)

IINODE NUMBER(9)

IE\_VERSION VARCHAR2(20 CHAR)

IIVALUE VARCHAR2(2000 CHAR)

POS\_X NUMBER(4)

POS\_Y NUMBER(4)

IS\_PROTECTED CHAR(1 CHAR)

MANDATORY CHAR(1 CHAR)

HIDDEN CHAR(1 CHAR)

DSP\_TITLE VARCHAR2(40 CHAR)

DSP\_LEN NUMBER(4)

DSP\_TP CHAR(1 CHAR)

DSP\_ROWS NUMBER(3)

II\_CLASS VARCHAR2(2 CHAR)

LOG\_HS CHAR(1 CHAR)

LOG\_HS\_DETAILS CHAR(1 CHAR)

ALLOW\_MODIFY CHAR(1 CHAR)

AR CHAR(1 CHAR)

ACTIVE CHAR(1 CHAR)

LC VARCHAR2(2 CHAR)

LC\_VERSION VARCHAR2(20 CHAR)

SS VARCHAR2(2 CHAR)

Tabel UTSCII

SC VARCHAR2(20 CHAR)

IC VARCHAR2(20 CHAR)

ICNODE NUMBER(9,0)

II VARCHAR2(20 CHAR)

IINODE NUMBER(9,0)

IE\_VERSION VARCHAR2(20 CHAR)

IIVALUE VARCHAR2(2000 CHAR)

POS\_X NUMBER(4,0)

POS\_Y NUMBER(4,0)

IS\_PROTECTED CHAR(1 CHAR)

MANDATORY CHAR(1 CHAR)

HIDDEN CHAR(1 CHAR)

DSP\_TITLE VARCHAR2(40 CHAR)

DSP\_LEN NUMBER(4,0)

DSP\_TP CHAR(1 CHAR)

DSP\_ROWS NUMBER(3,0)

II\_CLASS VARCHAR2(2 CHAR)

LOG\_HS CHAR(1 CHAR)

LOG\_HS\_DETAILS CHAR(1 CHAR)

ALLOW\_MODIFY CHAR(1 CHAR)  
<ar>

ACTIVE CHAR(1 CHAR)

LC VARCHAR2(2 CHAR)

LC\_VERSION VARCHAR2(20 CHAR)

SS VARCHAR2(2 CHAR)

AR1 CHAR(1 CHAR)

AR2 CHAR(1 CHAR)

AR3 CHAR(1 CHAR)

AR4 CHAR(1 CHAR)

AR5 CHAR(1 CHAR)

AR6 CHAR(1 CHAR)

AR7 CHAR(1 CHAR)

AR8 CHAR(1 CHAR)

AR9 CHAR(1 CHAR)

AR10 CHAR(1 CHAR)

AR11 CHAR(1 CHAR)

AR12 CHAR(1 CHAR)

AR13 CHAR(1 CHAR)

AR14 CHAR(1 CHAR)

AR15 CHAR(1 CHAR)

AR16 CHAR(1 CHAR)