**APPDEMO MIGRATIONS STEPS**

NOTE : Java application is started with exodus\_demo.bat windows scritpt, edit before running and remove "rem" from line:

rem set START\_CMD=start /min

**1/** Create data model and insert data in Oracle under schema APPDEMO with following scripts:

**· 1\_PUBS2\_ORA.2014-12-08.tables-data\_pictures.sql**

Script to create data model (sequences, tables, indexes and basic data with some pictures for authors and titles)

**· 2\_PUBS2\_ORA.2014-12-06.extra-data.sql**

Script to create extra data (5000 authors + 5000 titles), it is not necessary for the demo

**· 3\_PUBS2\_ORA.2015-01-19.procs.sql**

Scripts to create all needed stored procedures and functions.

**Note: all objects in oracle are created with lowercase in the scripts and oracle catalogs store information always in uppercase. Change Exodus case mapping options as required.**

**2/** Create APPDEMO db in ASE 157 with following sql script (modify device paths accordantly):

print 'Creating database devices...'

go

DISK INIT name='APPDEMO\_dat',

physname='?', -- CHANGE\_THIS\_FOR\_DATA\_DEVICE ,

size = '1000M',

dsync = false,

directio = true,

skip\_alloc = true

go

DISK INIT name='APPDEMO\_log',

physname='?', -- CHANGE\_THIS\_FOR\_LOG\_DEVICE

size = '200M',

dsync = false,

directio = true,

skip\_alloc = true

go

CREATE DATABASE APPDEMO

ON APPDEMO\_dat='1000M'

LOG ON APPDEMO\_log='200M'

go

**2/** Set Exodus env variables to avoid changing run scripts manually.

export EXODUS\_SCRIPT\_SRVNAME=Y157SP122

export EXODUS\_SCRIPT\_TGT\_DBNAME=APPDEMO

export EXODUS\_SCRIPT\_USERNAME=sa

export EXODUS\_SCRIPT\_PASSWRD=

export EXODUS\_SCRIPT\_ASE\_CREATEDB=no

export EXODUS\_SCRIPT\_RTC\_LOAD=no

**3/** Configure exodus parameters:

Configure typical exodus parameters to the right value (gateway hostname, gateway port, connection timeout, target db name … etc) and configure these four parameters needed for APPDEMO:

Transaction mode = chained

Whether to convert oracle error handling = yes

Use this length to convert and ORACLE (VAR)CHAR(2) without length = 300

Case mapping for schema objects = Dictionary (using attached dictionary file)

Case mapping for user names and sql objects to lowercase.

**4/** Run exodus extract:

exodus extract c:/Exodus\_out\_ORA ORA11DEV 10.31.89.47 1521 system <passwd>

**5/** Run exodus convert:

exodus convert c:/Exodus\_out\_ORA

**6/** Run script: run\_ddl\_scripts.sh

**7/** Run script: run\_converted\_sql\_scripts.sh

**8/** Transfer oracle data to ASE (bcp out/in using DCO). Connect to IO as sybase, script is located:

Example script can be found at: IO:/opt/ecda157/scripts/sync\_appdemo.sh

Another example is attached with this doc (this will work with case mappings for schema objects configured to Dictionary)

**NOTE**: case mapping for schema object is configured to Dictionary so put tables names accordantly in this script so that it is able to find all all objects with correct name.

**9/** Connect APPDEMO to ASE server and check it works.