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#!/bin/bash
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#
# Script used to load exported sql files into PostgreSQL in practical
manner
# allowing you to chain and automatically import schema and data.
#
# Created by J.Joly, the Oracle database admin version 2021
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. $HOME/.bash_profile

export ORACLE_HOME=/opt/oracle/instantclient_19_8
export CLIENT_ENCODING=LATIN1
export PGPASSWORD=xxxxxxxxx

LOGFILE=migration.log
DATE_LOG=$(date +%d-%m-%Y_%H-%M-%S')
ZAB=/home/postgres/adm/dba/sql
POSTMIG=$ZAB/mba

exec > >(tee -a "$DATE_LOG"_"$LOGFILE") 2>&1
unset NLS_LANG
sqlplus -s mba_admin/xxxxx@BDD << EOF
set heading off
drop table mba_admin.stats;
SELECT 'La sequence '||sequence_name||' a mettre a jour est
' ||last_number
FROM user_sequences;
PROMPT Executer les commandes suivantes apres la migration :
SELECT 'SELECT setval('' ||sequence_name||'', ' ||last_number||', true);'
FROM user_sequences;
exit;
EOF

echo "Suppression de mba si deja existante"
dropdb -h $2 $1
psql -h $2 -U postgres -d postgres -f ./clean.sql

echo "Création du DDL"
echo " "
echo "Creation de la base mba"
createdb -h $2 -E LATIN1 --owner postgres $1

echo "Création des tablespaces"
psql -h $2 -U postgres -d $1 -f ./schema/tablespaces/tablespace.sql

echo "Création des tables"
psql --single-transaction -h $2 -U postgres -d $1 -f
./schema/tables/table.sql

echo "Création des séquences"
psql --single-transaction -h $2 -U postgres -d $1 -f
./schema/sequences/sequence.sql

echo "Création des fonctions"

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psql --single-transaction -h $2 -U postgres -d $1 -f
./schema/functions/function.sql

echo "Création des répertoires d'export/import"
psql --single-transaction -h $2 -U postgres -d $1 -f
./schema/directories/directorie.sql

echo "Ajout des privilèges"
psql -h $2 -U postgres -d $1 -f ./schema/grants/grant.sql

echo "Import des donnees a la volee"
ora2pg -c config/ora2pg.conf -t COPY --pg_dsn
"dbi:Pg:dbname=mba;host=SERVERBDD;port=5432" --pg_user postgres -a
'TABLE[SCHEMA_VERSION,MBA_SCHEMA_VERSION]'
ora2pg -c config/ora2pg.conf -t COPY --pg_dsn
"dbi:Pg:dbname=mba;host=SERVERBDD;port=5432" --pg_user postgres -J 8 -j 3
-L 60000 -e 'TABLE[SCHEMA_VERSION,MBA_SCHEMA_VERSION]'

echo "Création des indexes"
psql -h $2 -U postgres -d $1 -f ./schema/tables/INDEXES_table.sql
#ora2pg -c config/ora2pg.conf -t LOAD --pg_dsn
"dbi:Pg:dbname=mba;host=SERVERBDD;port=5432" --pg_user postgres -i
./schema/tables/INDEXES_table.sql -j 4

echo "Création des contraintes"
psql -h $2 -U postgres -d $1 -f ./schema/tables/CONSTRAINTS_table.sql

echo "Création des Foreign Keys"
psql -h $2 -U postgres -d $1 -f ./schema/tables/FKEYS_table.sql

echo "Post migration"
psql -h $2 -f $POSTMIG/post_mig.sql -d $1
psql -h $2 -f $ZAB/creZABBIX_PROD.sql -d $1
for tablename in $(psql -U postgres -h $2 -d $1 -t -c "select table_name
as _table from information_schema.tables t where
t.table_schema='mba_admin' order by _table asc"); do
    echo $tablename
    psql -U postgres -h $2 -d $1 -c "analyze ${tablename};"
    psql -U postgres -h $2 -d $1 -c "select count(*) ${tablename} from
${tablename};" >> compte_pgsqlmba.log
done
cd /pgdata/migration/mbaprd_mig
echo "La migration de la base mba est terminée."

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