

No.	種別	対象	ユーザ	コマンド	結果 (実行コマンド)	備考
1	前提条件	-	-	Oracle Databaseがインストールされていること Oracle DatabaseがPostgreSQLへのスキーマ移行が完了していること		
2	Oracleからのテーブル情報抽出	ユーザー1 (Oracle Database)	root	sqlplus -s で以下のSQLを実行 SPOOL OFF SET COLSEP ' ' SET FEEDBACK OFF SET PAGESIZE 0 SET LINESIZE 1000 SET TRIMSPACES ON SELECT OWNER, TABLE_NAME, ALL_TABLES WHERE OWNER='INFOSCOP'; SPOOL OFF		
3	Oracleからのコラム情報抽出	ユーザー1 (Oracle Database)	root	sqlplus -s で以下のSQLを実行 SPOOL OFF SET COLSEP ' ' SET FEEDBACK OFF SET PAGESIZE 0 SET LINESIZE 1000 SET TRIMSPACES ON SPOOL OracleColumnInfo SELECT OWNER, TABLE_NAME, COLUMN_NAME, DATA_TYPE, DATA_LENGTH, DATA_PRECISION, DATA_SCALE, RELIABLE_DATA_FLAG FROM ALL_TAB_COLUMNS WHERE OWNER='INFOSCOP'; SPOOL OFF		
4	Oracleからのシーケンスオブジェクト情報抽出	ユーザー1 (Oracle Database)	root	sqlplus -s で以下のSQLを実行 SPOOL OFF SET COLSEP ' ' SET FEEDBACK OFF SET PAGESIZE 0 SET LINESIZE 1000 SET TRIMSPACES ON SPOOL OracleSequenceInfo SELECT SEQUENCE_OWNER, SEQUENCE_NAME, MIN_VALUE, MAX_VALUE, INCREMENT_BY, CYCLE_FLAG FROM ALL_SEQUENCES WHERE SEQUENCE_OWNER='INFOSCOP'; SPOOL OFF		
5	PostgreSQLからのテーブル情報抽出	ユーザー1 (PostgreSQL)	postgres	copy SELECT TABLE_SCHEMA, TABLE_NAME FROM INFORMATION_SCHEMA.TABLES WHERE TABLE_TYPE = 'BASE TABLE' AND TABLE_SCHEMA NOT IN ('information_schema', 'pg_catalog') to ~/home/postgres/postgres-table.csv with csv;		
6	PostgreSQLからのコラム情報抽出	ユーザー1 (PostgreSQL)	postgres	copy SELECT TABLE_SCHEMA, TABLE_NAME, COLUMN_NAME, DATA_TYPE, CHARACTER_SET_NAME, LENGTH, NUMERIC_PRECISION, NUMERIC_SCALE, IS_NULLABLE, COLUMN_DEFAULT FROM INFORMATION_SCHEMA.COLUMNS WHERE TABLE_SCHEMA NOT IN ('information_schema', 'pg_catalog') to ~/home/postgres/postgres-column.csv with csv;		
7	PostgreSQLからの制約条件情報抽出	ユーザー1 (PostgreSQL)	postgres	copy SELECT TABLE_SCHEMA, TABLE_NAME, CONSTRAINT_NAME, CONSTRAINT_TYPE FROM INFORMATION_SCHEMA.TABLE_CONSTRAINTS WHERE TABLE_SCHEMA NOT IN ('information_schema', 'pg_catalog') to ~/home/postgres/postgres-constraint.csv with csv;		
8	PostgreSQLからのシーケンスオブジェクト情報抽出	ユーザー1 (PostgreSQL)	postgres	copy SELECT SEQUENCE_SCHEMA, SEQUENCE_NAME, MINVALUE, MAXVALUE, INCREMENT_BY, CYCLE_OPTION FROM INFORMATION_SCHEMA.SEQUENCES WHERE SEQUENCE_SCHEMA = 'public' to ~/home/postgres/postgres-seq.csv with csv;		
9	テーブル情報抽出テーブル定義	ユーザー1 (PostgreSQL)	postgres	psql -c "CREATE TABLE emp_table_oracle ('table_schema text, table_name text');" compdb psql -c "CREATE TABLE emp_table_postgres ('table_schema text, table_name text');" compdb		
10	コラム情報抽出テーブル作成	ユーザー1 (PostgreSQL)	postgres	psql -c "CREATE TABLE emp_column_oracle_uk ('table_schema text, table_name text, column_name text, data_type text, character_set_name text, length integer, numeric_precision integer, numeric_scale integer, is_nullable boolean, column_default text');" compdb psql -c "CREATE TABLE emp_column_postgres ('table_schema text, table_name text, column_name text, data_type text, character_set_name text, length integer, numeric_precision integer, numeric_scale integer, is_nullable boolean, column_default text');" compdb		
11	シーケンスオブジェクト比較テーブル作成	ユーザー1 (PostgreSQL)	postgres	psql -c "CREATE TABLE emp_sequence_oracle_uk ('sequence_schema text, sequence_name text, min_value numeric, maximum_value text, increment numeric, cycle_option boolean);" compdb psql -c "CREATE TABLE emp_sequence_postgres ('sequence_schema text, sequence_name text, min_value numeric, maximum_value numeric, increment numeric, cycle_option boolean);" compdb		
12	データロード	ユーザー1 (PostgreSQL)	postgres	psql -c "COPY emp_table_oracle FROM '/usr/local/compdb/oracle-tables.csv' with csv" compdb psql -c "COPY emp_table_postgres FROM '/usr/local/compdb/postgres-tables.csv' with csv" compdb psql -c "COPY emp_column_oracle_uk FROM '/usr/local/compdb/oracle-column.csv' with csv" compdb psql -c "COPY emp_table_postgres FROM '/usr/local/compdb/postgres-column.csv' with csv" compdb		
13	Oracle変換情報テーブル作成	ユーザー1 (PostgreSQL)	postgres	psql -c "INSERT INTO emp_column_oracle SELECT trim(both '' from table_schema) trim(both '' from table_name) trim(both '' from column_name) trim(both '' from data_type) character_set_name case when is_nullable then 'is_nullable' else '' end length(trim(both '' from numeric_precision)) integer end case when is_nullable then 'is_nullable' else '' end trim(both '' from column_default) trim(both '' from sequence_schema) trim(both '' from sequence_name) trim(both '' from min_value) trim(both '' from maximum_value) numeric(trim(both '' from increment)) numeric(trim(both '' from cycle_option) from emp_sequences_oracle_uk" compdb		

