The Automated
Cloud Migration Company

www.nextpathway.com

Teradata Code Extract Process

Steps To Execute DDL Code Generation

Files Referred are available in the GitHub Folder

✅ **Step 1: Open create_ddls.sh**

•Use above file and open in any text editor (e.g., vim, nano, or Notepad++) to open the file.

✅ **Step 2: Locate the Parameters below**

Find this line in the script:

include_databases=" IN (**'PRDETL', 'PRDUTIL'**)"

exclude_databases=" NOT IN ('**DBC**')"

✅ **Step 3: Set the Inclusion/Exclusion Criteria**

Update the above line to list the databases you want to **include/exclude** from DDL extraction.

🔹 **Examples:**

- To exclude standard system databases:

exclude_databases="IN('DBC','TD_SYSFNLIB','SYSLIB','SYSUDTLIB','SQLJ','SYSDBA')"

- To exclude customs or backup databases:

exclude_databases="IN('ARCHIVE_DB','BACKUP_DB')"

- To include standard system databases:

include_databases=" IN ('PRDETL', 'PRDUTIL')"

⚠️ **Important formatting rules**:

- No space inside the parentheses
- Enclose each database name in single quotes

Wrap the entire expression in double quotes

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✅ **Step 4: Save the File**

- After editing, save and close the script.

✅ **Step 5: Open create_ddls.btq**

- Use above file and open in any text editor (e.g., vim, nano, or Notepad++) to open the file

✅ **Step 6: Modify create_ddls.btq**

- Using a text editor modify the first line with the logon information necessary.
- It is recommended to use the user 'DBC' but a user with sysadmin privileges should also work. Post edit, save and close the script.

✅ **Step 7: Navigate to the server where the database/databases are available**

Login to the server and upload the files modified in previous steps

✅ **Step 8: Run the Script**

From your terminal or command prompt, navigate to the directory and run:

./create_ddls.sh

Output files will be created in the output folder

✅ **Step 9: Review Output Files**

Files generated:

- create_ddls.log – log of the run
- Object_Type_Summary.log – counts of object types
- Object_Type_List.log – list of each object type found
- SHOW_Tables.sql / SHOW_Views.sql / SHOW_Procedures.sql
- DDL_Tables.sql / DDL_Views.sql / DDL_Procedures.sql
- DDL_Database.sql – database definitions
- DDL_Drop_Databases.sql – DROP statements

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✅ **Step 10: Review of any errors**

The create_ddls.log can quickly be investigated for any extract failures by searching for '*** Failure'. Please resolve any errors and rerun the shell script. All files are appended if the shell script is run again, so output files must be moved or renamed before each subsequent run.

If the issue was due to variable values, you would need to start with a fresh 'create_ddls.btq' file

✅ **Step 11: Verify Exclusions**

1. Open create_ddls.log
2. Ensure excluded databases are not listed
3. Check for any errors using:

SQL Query to search errors : grep "*** Failure" create_ddls.log

✅ **Step 12: Post file creation**

After a successful run, remove logon information from the create_ddls.btq file, compress the entire 'Teradata Source Extract' and return to Next Pathway.