TRAC NEW TABLE CREATION THROUGH DB-RESET

**1. \*\*Create RECORD & RECORD\_MAPPING in ./LIBS:\*\***

- In the ./LIBS directory, create a file for your data structure, named RECORD.ts. Define the structure of your records within this file.

- Create another file, RECORD\_MAPPING.ts, where you define the match fields and mappings for your records.

**2. \*\*Create Mappings Datatypes in ./LIBS/DATATYPES:\*\***

- In the ./LIBS/DATATYPES directory, create a file for your data types, named after the type of file you're working with.

- Define the data types that correspond to the fields in your RECORD. Ensure that the names match those in the RECORD file.

**3. \*\*Update Postgres.ts in LIBS/PSQL:\*\***

- Open the Postgres.ts file in the ./LIBS/PSQL directory.

- Ensure that the match fields are correctly imported from the DATATYPES table-name file. This establishes the connection between your data types and the PostgreSQL database.

**4. \*\*Modify Main.ts in DB-RESET/src:\*\***

- Navigate to the ./DB-RESET/src directory and open Main.ts.

- Add the file match functions for PostgreSQL operations, and include the mappings of data-table-name for error handling and logging purposes.

- Ensure proper handling of errors and console logs to track the loading of the Excel file from the assets folder.

**5. \*\*Run the db-reset script:\*\***

- Open the command line and run the command `nx run db-reset:run-script`.

- Check if your Excel file is loaded successfully. If yes, you have now successfully created a table in trachschema.

\*\*Note:\*\*

- Make sure the Excel file is added to the assets folder in DB-RESET before running the script.

- Double-check all file names, paths, and match fields to avoid any potential errors during the process.

This documentation provides a step-by-step guide to setting up the necessary files, configuring the PostgreSQL database, and running the script to load data into the trachschema table.