Let’s think about situation, DBAs creating base load scripts. That involves 2 steps. \

Step 1: Collect all base load/master scripts/ any other DML/DDL scripts. Organize them on sequence wise.

Step 2: Parallel way creates backout script which will be used to restore the data if anything goes wrong during step 1 execution. So, that application will not get impacted.

During process of creating backout script, the reveres flow happens, like last command line will be places in first place. That’s because think about in a RDBMS parent child relationship, Main script should populate the Primary table first and child tables will be on second turn. Where as in backout sql script first DML/DDL changes to be applied in child tables and second turn will be for applying DDL/DML statements.

So looking at this repeating manual work we have process of automation and that’s **USD** process.

**Upload** the sql file-> **Submit** file for processing -> **Download** the Backout SQL File. And to do this USD process we developed a web based automation tool using spring boot application for DBAs to nullify the effort manually creating backout script.

Let’s jump to presentation:

After presentation

This application is built jars that are already present in FIS maven repos. By introducing this table will save DBA development time by eliminating DBA’s backout sql script preparation and can be applied into all development practice for quick turnaround time mostly in higher environments.