**How to: Rerun taskflows without fail on first LC task.**  
  
Load Control Parameter Generator/Execution Plan runs and sets a record in the Load Control Setup Table with Load\_Status=R.

This row has an CTL\_LOAD\_ID in which is the Execution Plan ID. This row must exist in the Load Control Setup Table. It is mandatory before any EDW Taskflow run.

After that the EDW Taskflows run and Load Control part that is the first Mapping Task on every EDW Taskflow runs (4\_1) and creates a record in the Load Control Taskflow table with the Load\_Status =R. This row is a child row and there is a foreing key pointing to the Load Control Setup table.

So in the Load Control Taskflow table there are two main IDs:- CTL\_LOAD\_ID => The EXECUTION PLAN ID (from the parent LC Setup table)  
- TASKFLOW\_CTL\_LOAD\_ID => The ID of the given EDW Taskflow execution instance.

In this case this mapping task (4\_1) performs validations:

1) There must be an execution plan created in the LC Setup table before running otherwise it will fail.

2) If there is already a row in the LC Taskflow table (for the given taskflow) with CTL\_LOAD\_STATUS= R then the mapping task will fail because it will prevent duplicate execution of the same EDW Load.

3) If there is a row in the LC Taskflow table (for the given taskflow) with CTL\_LOAD\_STATUS = C and under the same Execution Plan ID (CTL\_LOAD\_ID) it will fail because it will prevent from rerunning a already completed EDW Taskflow to prevent duplicates in the DW. If it is necessary to rerun, this row in the LC Taskflow Table must be deleted.

Query to delete necessary rows on LC taskflow table (so it can run again without fail on first task).

DELETE FROM

"EDW\_DEV"."EDW\_LOAD\_CT"."IICS\_EDW\_LOAD\_TASKFLOW\_CTL"

WHERE

CTL\_LOAD\_ID = 'Here, you must check on LC Setup table the current CTL\_LOAD\_ID with ‘R’ status', you can check it by using preview data, at table options.

(example: CTL\_LOAD\_ID='17')

AND TASKFLOW\_NAME = 'Taskflow you want to delete register in order to rerun' (example: TASKFLOW\_NAME = 'Taskflow01')

Final query example:

DELETE FROM

"EDW\_DEV"."EDW\_LOAD\_CT"."IICS\_EDW\_LOAD\_TASKFLOW\_CTL"

WHERE CTL\_LOAD\_ID='17' AND TASKFLOW\_NAME = 'Taskflow01'