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# FTS table defragmentation - CERN specific procedure

Other site, please look at [FtsRelease20TableFragmentation](#).

This is the CERN-specific procedure.

## Impact

The procedure may be run online. It slows the DB a little.

## Procedure

2- make a variable defining the table you want to defragment (here done with Benthic) define TNAME

3- check if there are function based indexes and get the pretty recreation DDL. Save the output o

```
exec DBMS_METADATA.SET_TRANSFORM_PARAM(DBMS_METADATA.SESSION_TRANSFORM,'STORAGE',false);  
exec DBMS_METADATA.SET_TRANSFORM_PARAM(DBMS_METADATA.SESSION_TRANSFORM,'TABLESPACE',false);  
exec DBMS_METADATA.SET_TRANSFORM_PARAM(DBMS_METADATA.SESSION_TRANSFORM,'SEGMENT_ATTRIBUTES',false);  
select 'DROP INDEX '||index_name||'; ' DROP_CLAUSE, trim(translate(dbms_metadata.get_ddl('INDEX',
```

4- run the DROP\_CLAUSE of the previous script (if any)

5- Defragment the table with the two following commands:

```
alter table &TNAME enable row movement;  
alter table &TNAME shrink space;
```

6- run the CREATE\_CLAUSE of the script on step 3 (if any)

7- Gather new table statistics

```
exec dbms_stats.gather_table_stats(NULL, '&TNAME');
```

-- GavinMcCance - 01 Sep 2008

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This topic: [LCG > FtsRelease20TableFragmentationCern](#)

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