
HyperWorksTips + Tricks

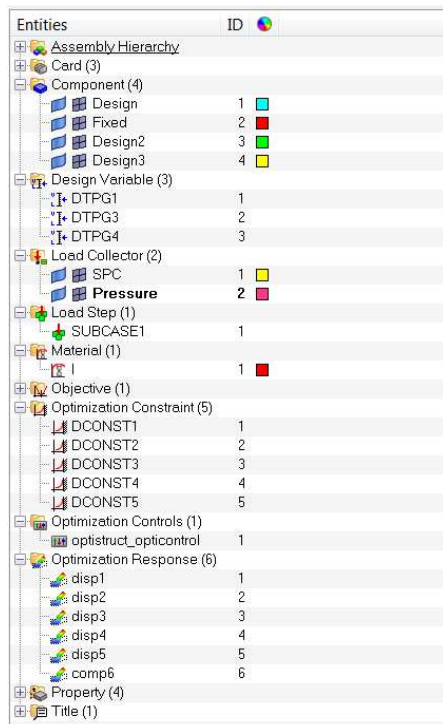
Delete all the optimization entries with one click

Product: HyperMesh
Product Version: HW-12.0

Topic Objective

To delete all the optimization entries in an optimization deck, retaining only the analysis entities to perform just FEA or redo the optimization set up.

Given an Optimization model set up in HyperMesh with analysis and optimization entities as shown below.

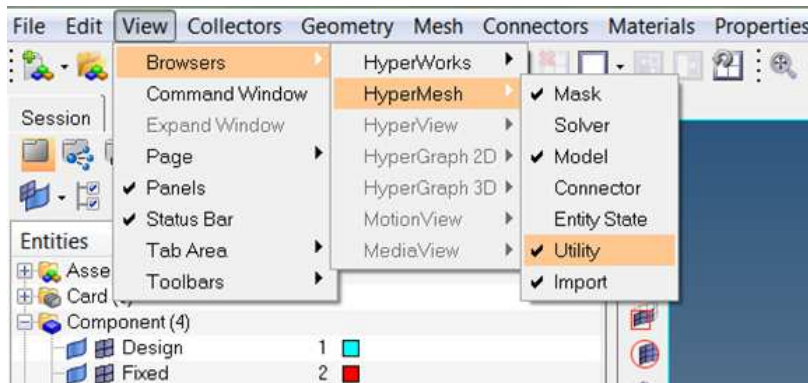


Entities	ID
Assembly Hierarchy	
Card (3)	
Component (4)	
Design	1
Fixed	2
Design2	3
Design3	4
Design Variable (3)	
DTPG1	1
DTPG3	2
DTPG4	3
Load Collector (2)	
SPC	1
Pressure	2
Load Step (1)	
SUBCASE1	1
Material (1)	
I	1
Objective (1)	
Optimization Constraint (5)	
DCONST1	1
DCONST2	2
DCONST3	3
DCONST4	4
DCONST5	5
Optimization Controls (1)	
optistruct_opticontrol	1
Optimization Response (6)	
disp1	1
disp2	2
disp3	3
disp4	4
disp5	5
comp6	6
Property (4)	
Title (1)	

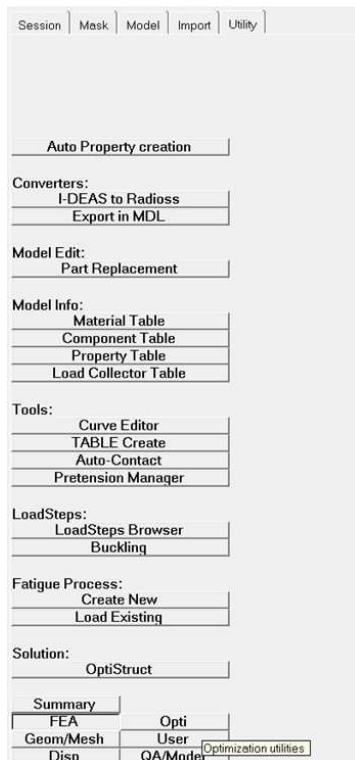
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It is then desirable to delete all the optimization entities in one click to redo the optimization set up or use the deck only for FEA analysis.

Activate the utility tab from view > browsers > HyperMesh > Utility



Go to the utility tab and click on the optimization utilities page (opti button) at the bottom.



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Click on Del All Opt Entities button at the top to delete all the opti entities

Del All Opt Entities	
Topology:	
Voxelmesh	
Hex-core	
Design Space	
Matfrac	
Req. Volfrac	
Topography:	
Design Space	
Shape:	
Create Shapes	
Shape Variables	
Size:	
Size Variables	
PBAR, PROD Opti.	
CBAR, CROD Opti.	
Optimization Info:	
Design Variables	
Design Constraints	
Solution:	
OptiStruct	
OSSmooth	
OSSmooth Volume	
Summary	
FEA	Opti
Geom/Mesh	User
Disp	QA/Model