Altair® HyperWorks®

2022.2

Save Assemblies as HyperMesh Binary Files

The part assembly can be saved as a self-contained binary file, which will include the part assembly based hierarchy and attributes such as components, properties, and materials.

You can perform all necessary tasks such as geometry updates and meshing in the distributed HyperMesh binary file. The completed file can then be imported into the master HyperMesh session by importing a model.

You can also update by saving representations from a standalone part assembly to the library, and loading updated representations in the second session.

1. In the Part Browser, right-click on a part assembly and select **Save As** from the context menu.
2. In the **Save As** dialog, save the binary in the representations directory for the current binary file.

In Figure 1, the LeftRail_A_000433_Safety part assembly in the Frame_Assembly_000495 part assembly is being saved as an HyperMesh binary file.

Tip: Alternatively, you can select multiple Parts in different assemblies and select **Save As** from context menu.

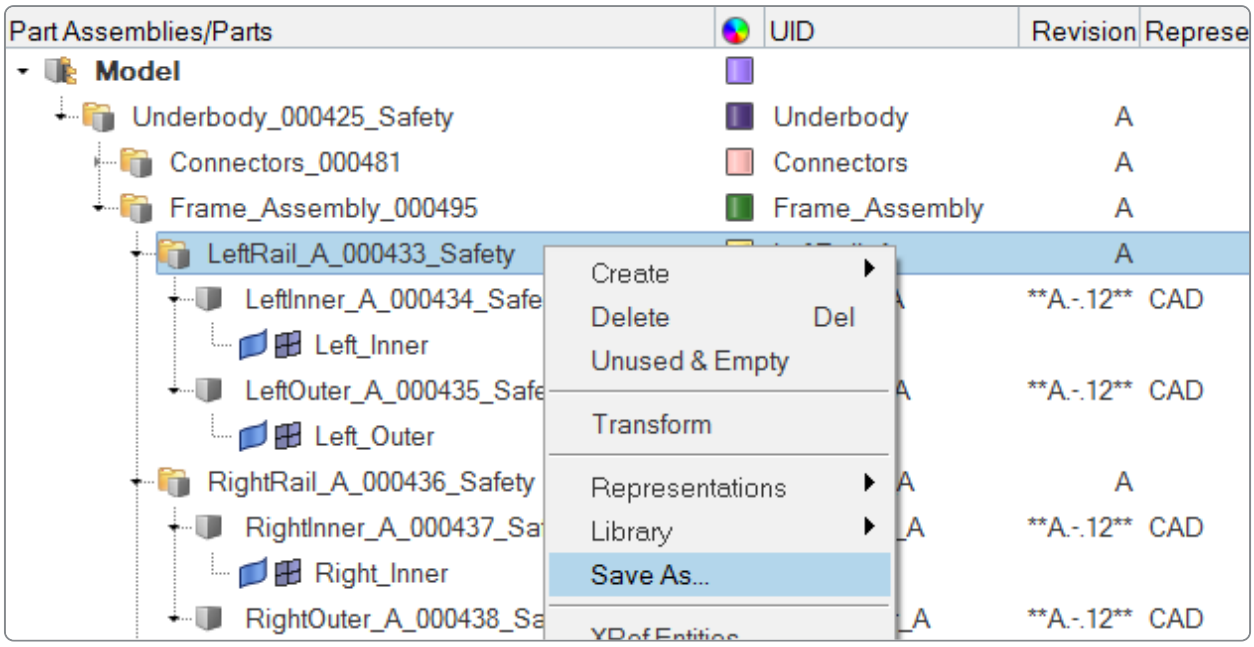

Figure 1.

Because the saved part assembly is self-contained, all HyperMesh entities shown in the Part Browser are saved to the binary file. Opening the saved binary file in a new HyperMesh session results in the Part Browser view shown in Figure 2.

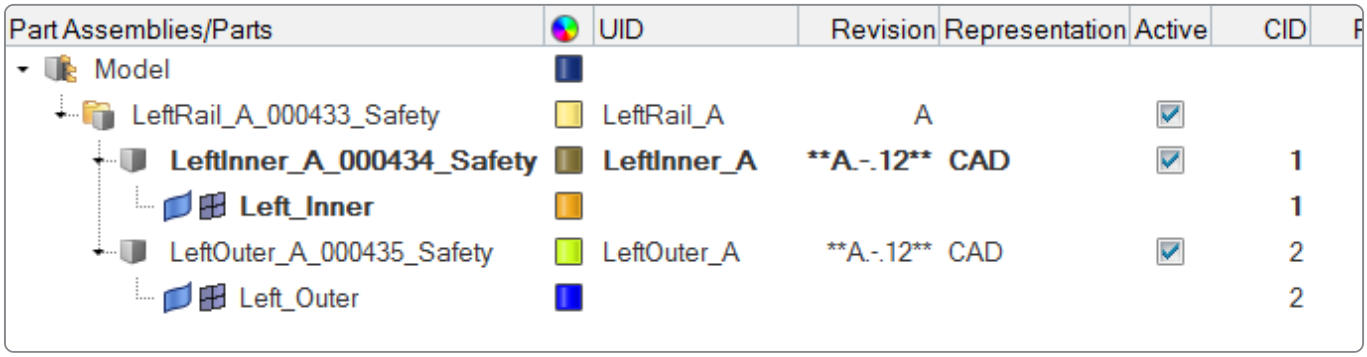
Part Assemblies/Parts
UID
Revision
Representation
Active
CID
Model
LeftRail_A_000433_Safety
LeftRail_A
A
LeftInner_A_000434_Safety
LeftInner_A
A.-.12
CAD
1
Left_Inner
1
LeftOuter_A_000435_Safety
LeftOuter_A
A.-.12
CAD
2
Left_Outer
2

Figure 2.