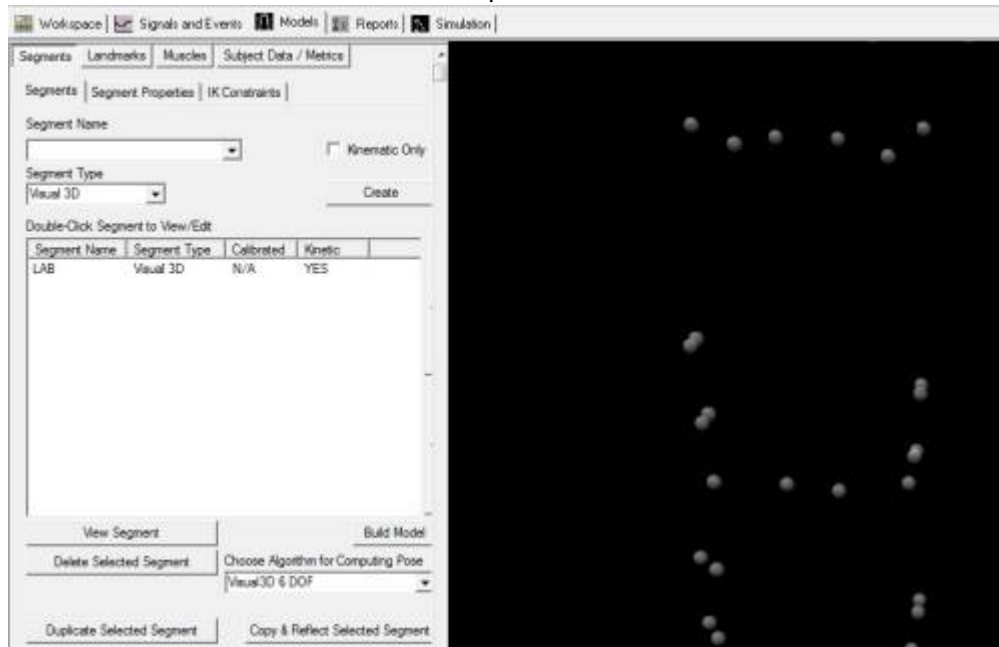


Functional Joints

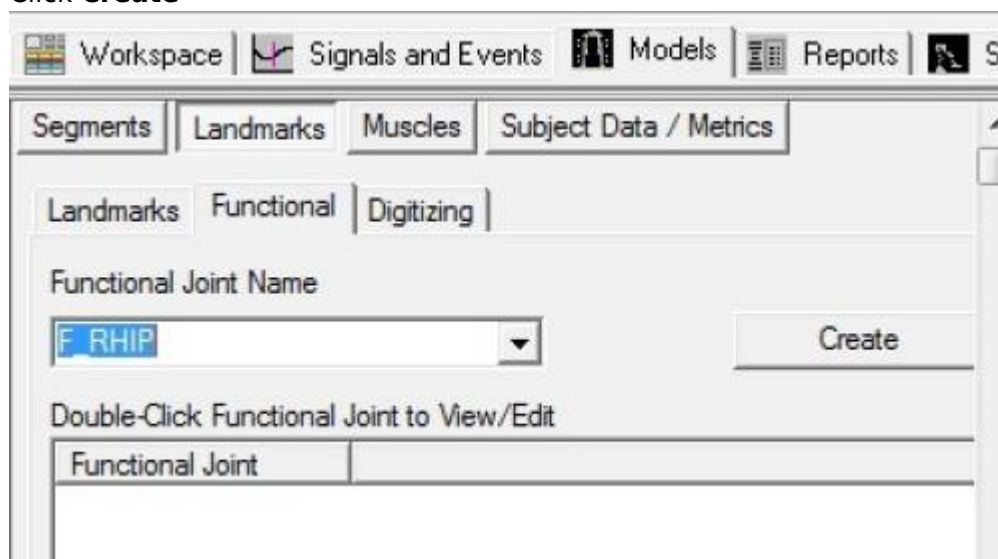
Follow along below to go through the process of creating functional joints.

1. Load a static .c3d file into the workspace



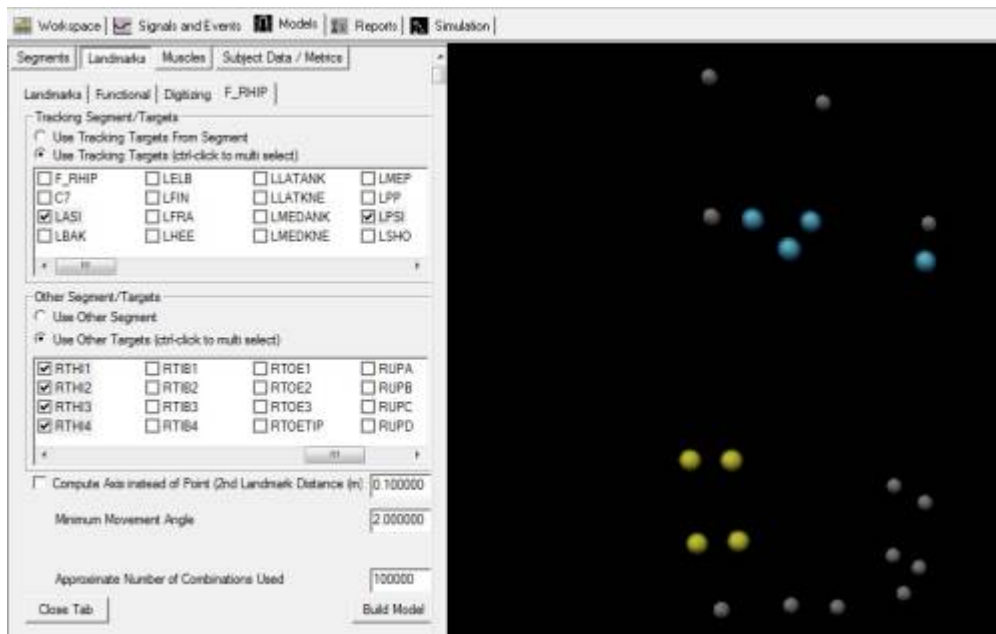
2. Create the F_RHIP

1. In the **Models Tab**
2. Click the **Landmarks Button**
3. Select the **Functional Tab**
4. Select F_RHIP from the dropdown
5. Click **Create**



3. Select tracking targets

1. RPV targets
2. RTH targets
3. Click **Build Model Close**
4. Close tab

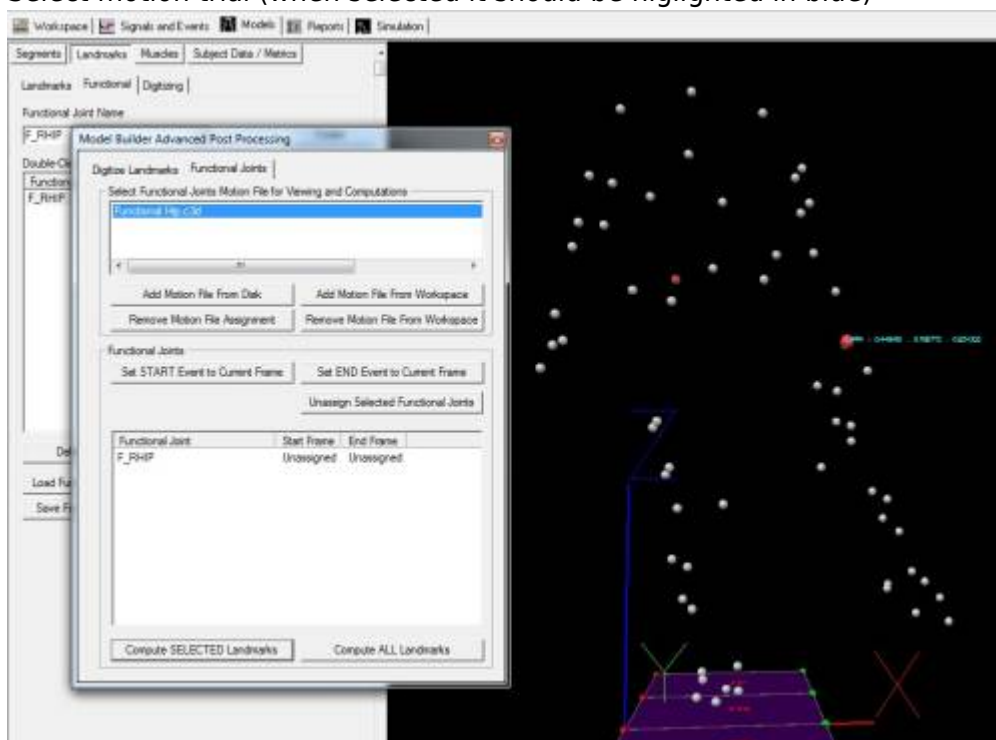


4. Click Post Processing Button



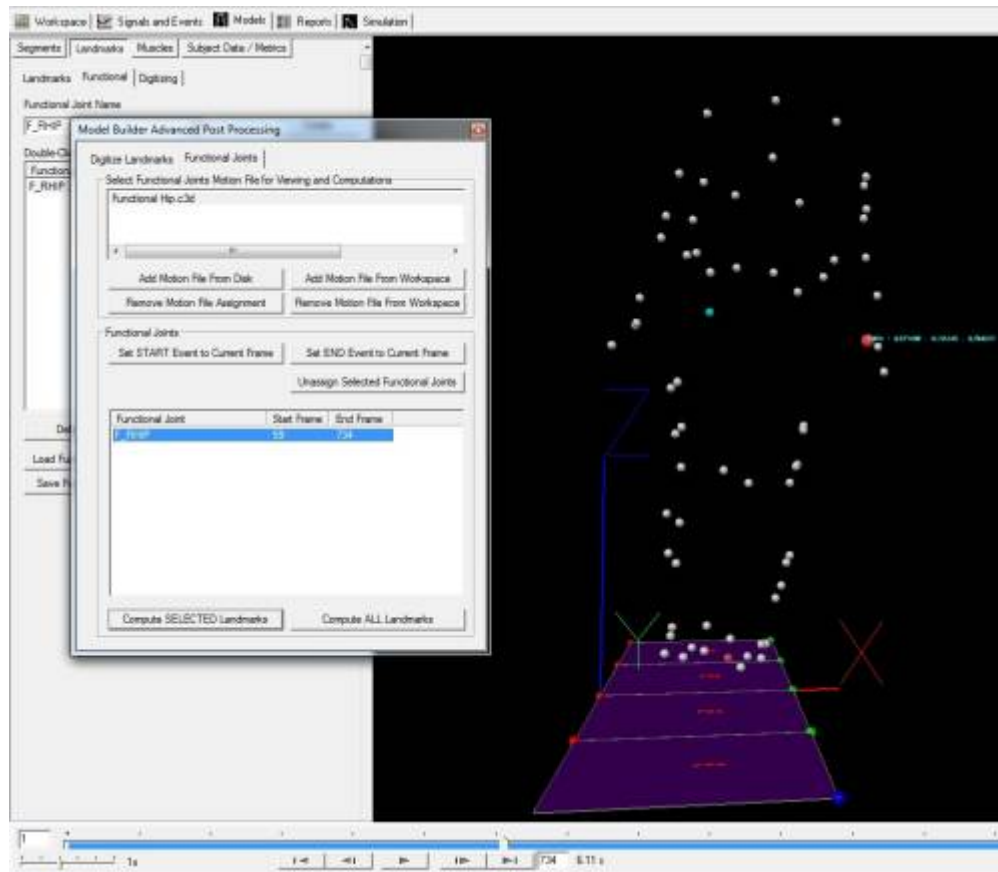
5. In Post Processing dialog

1. Open motion trial
2. Select motion trial (when selected it should be highlighted in blue)



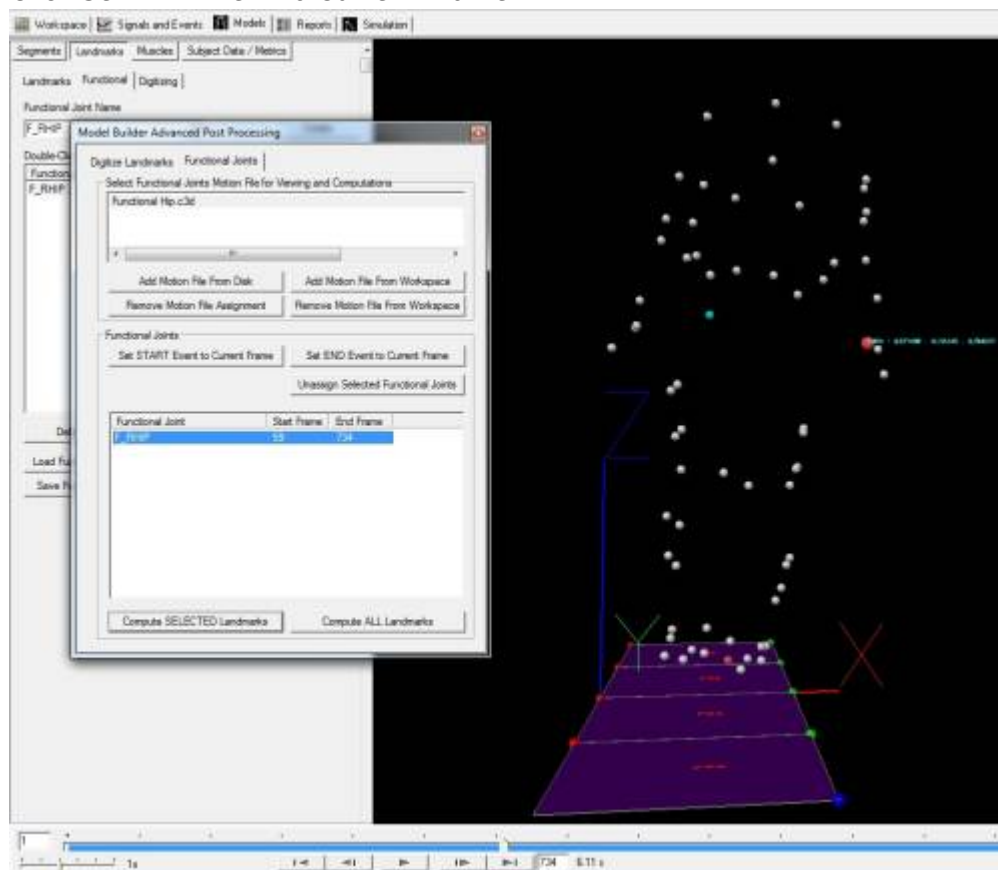
6. Specify Start Frame

1. Find the start frame of the functional activity using the blue slider on the bottom
2. Select the functional landmark (when selected it should be highlighted in blue)
3. Click Set START Event to Current Frame



7. Specify End Frame

1. Find the end frame of the functional activity using the blue slider on the bottom
2. Select the functional landmark (when selected it should be highlighted in blue)
3. Click Set END Event to Current Frame



8. Click Compute All Landmarks
9. Results will pop up

10. Click OK
11. Close the dialog box
12. The functional right hip landmark should appear in the 3D viewer



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