

## Visual3D

**Real-Time Streaming** 



## Real-Time Streaming

If a motion capture system supports the streaming of real-time data, then you can stream that data directly into Visual3D. One benefit is that you can create a model, and see the data applied to a model in real-time and thus verify a meaningful data capture on the spot.



# Real-Time - Example (using c3d to emulate the real-time stream)

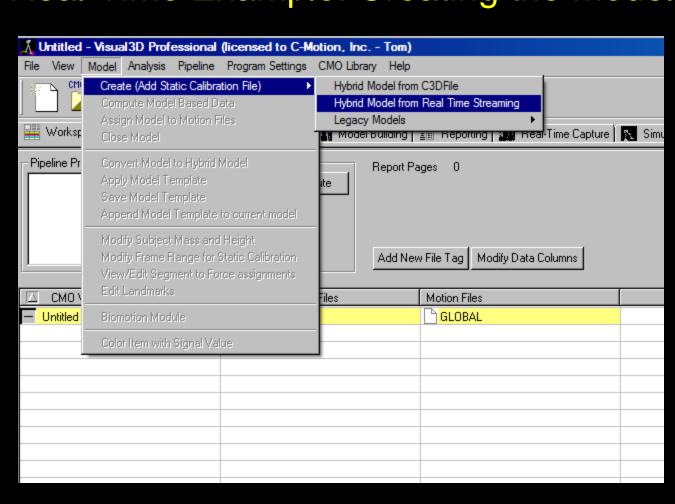
Static File: mb.c3d

Motion File: mb004.c3d

Model File: mb.mdh

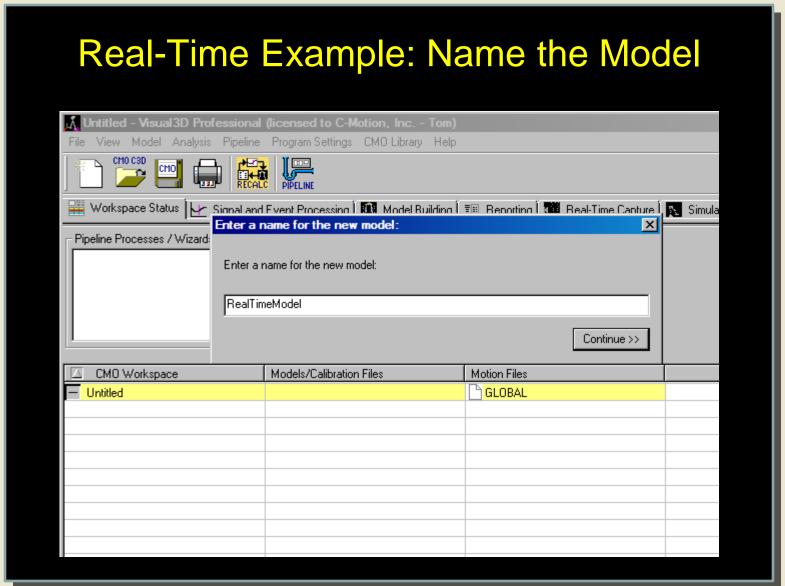






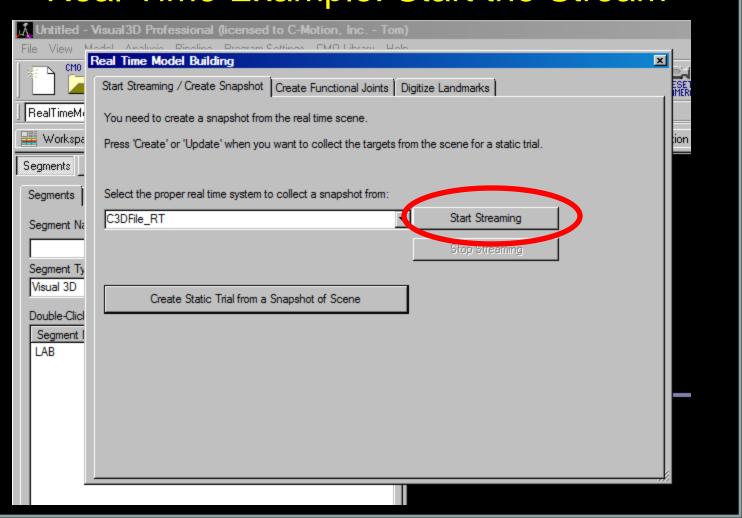






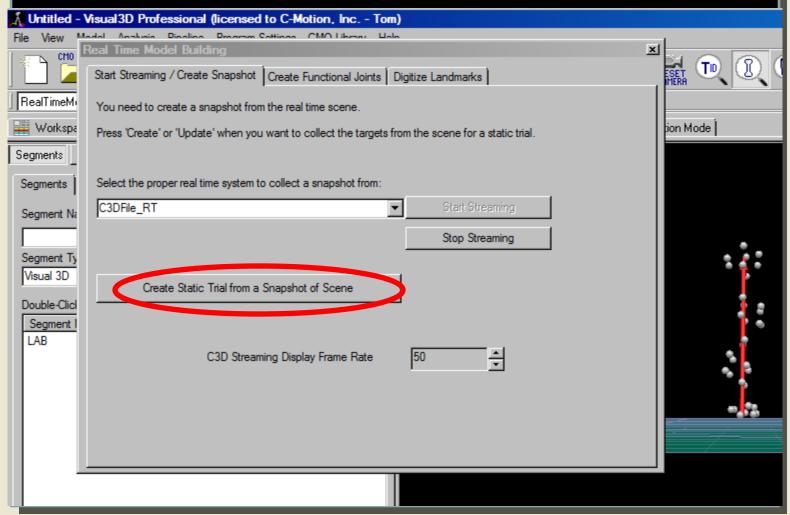


### Real-Time Example: Start the Stream



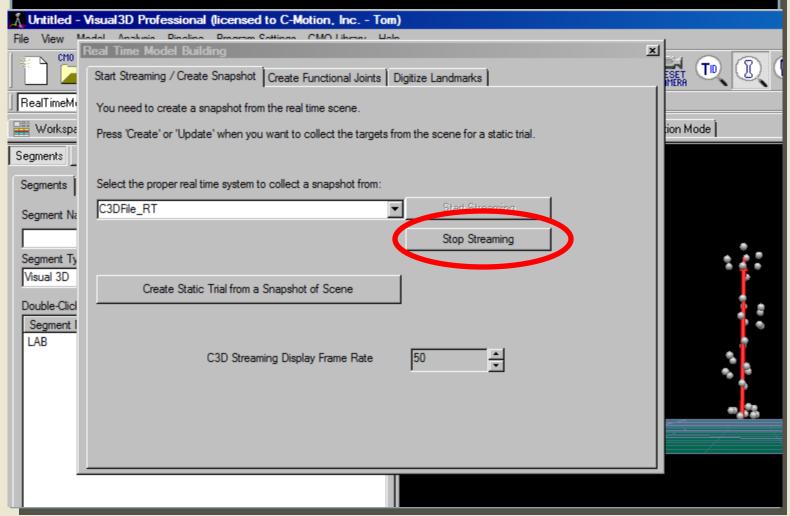


### Real-Time Example: Take a Snapshot



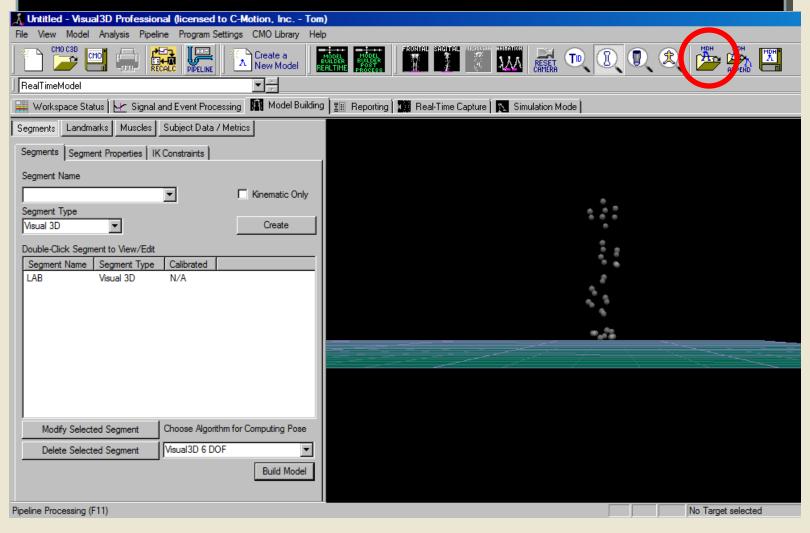


### Real-Time Example: Stop the Stream

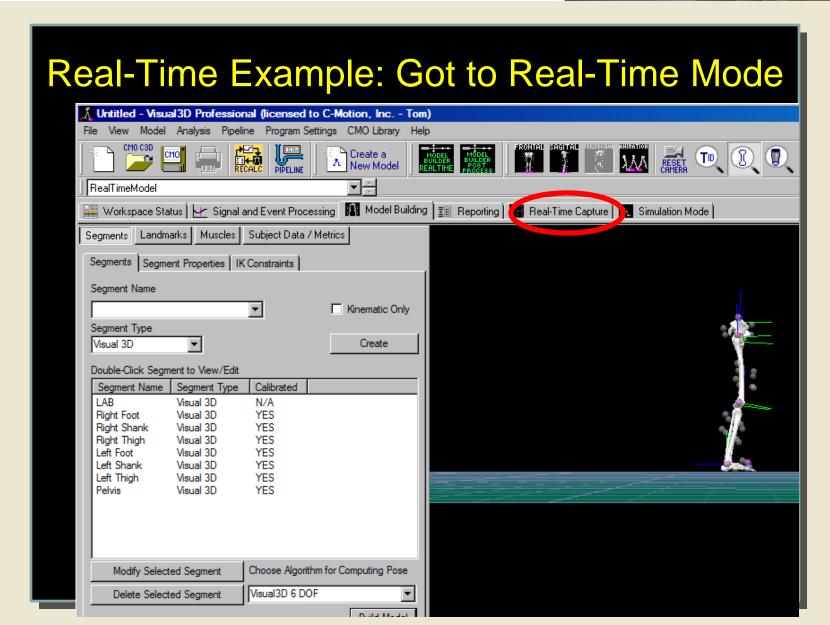




#### Real-Time Example: Load a Model (mdh) File

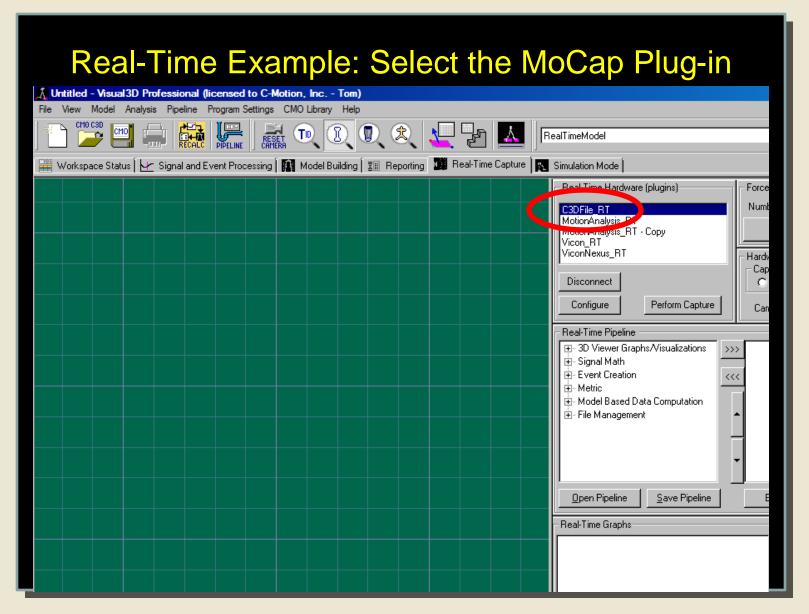






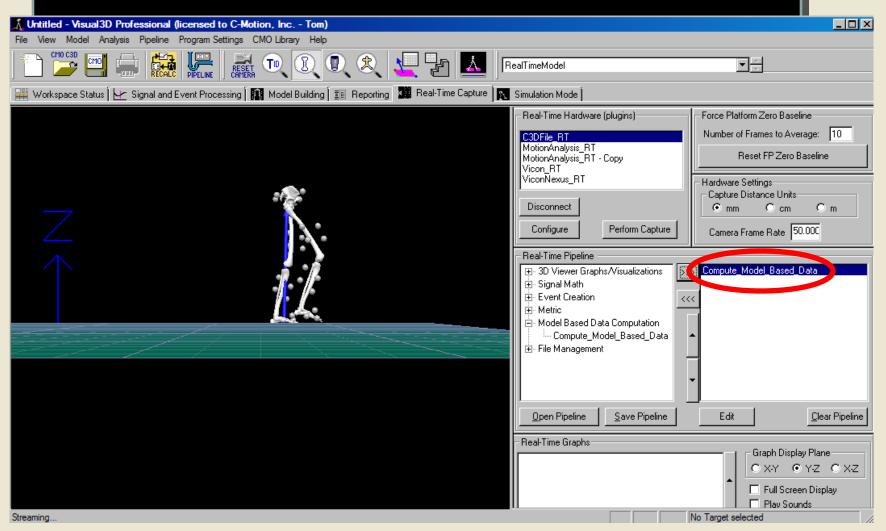






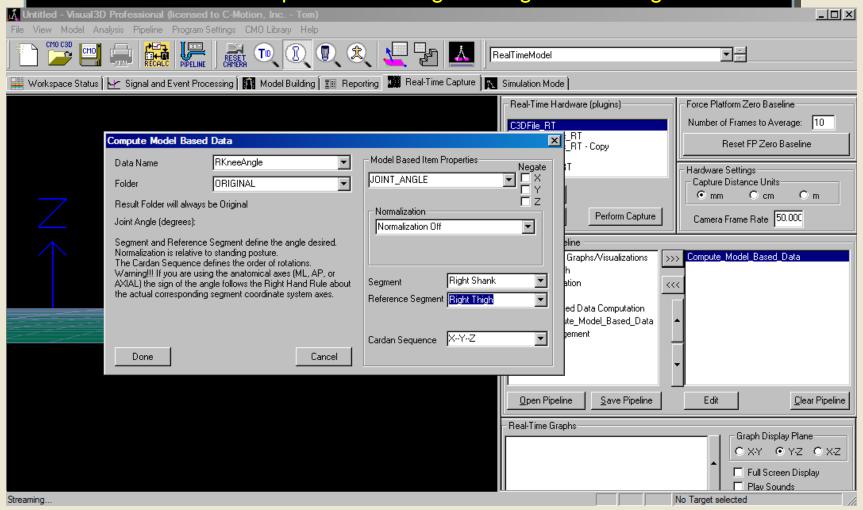


## Real-Time – Adding a Graph Step 1) Add a Computed\_Model\_Based\_Data to the Pipeline



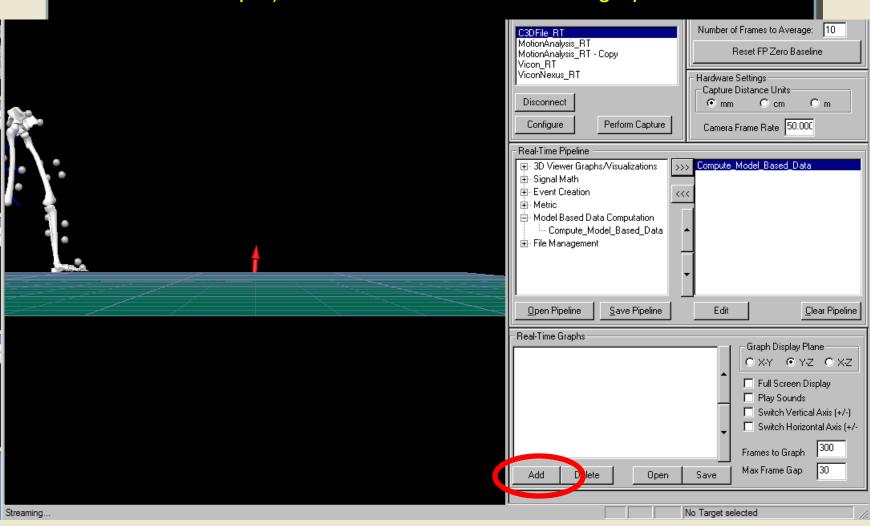


# Real-Time – Adding a Graph Step 2) Double Click Compute\_Model\_Based\_Data in the Pipeline and then complete the dialog for a right ankle angle





#### Real-Time – Adding a Graph Step 3) Click Add to add a Real-time graph





#### Real-Time – Adding a Graph Step 4) Pick the Ankle Angle from Data To

