

model.zip]]// - save the file where you would normally save motion capture files. these sample qualysis files were downloaded from [[<https://www.c3d.org/sampled.html>|c3d.org]] ===== step 1 - open cmo file ===== |1. from the file menu, select ****open/add...****, choose //model.cmo// \\ \\ 2. from the workspace status screen, verify the model file named standing_hybrid_2.c3d appears in the column labeled models/calibration files. | loadrtmodel.jpg| |3. switch to the ****models**** tab to verify bones in picture\\ | rtverifybones.jpg| \\ ===== step 2 - connect to rt stream/load emulation ===== ****1.**** open the //real-time// tab\\ \\ | ****2.a.**** to connect to the c3d stream using the builtin rt plugin: (more....) | |click ****c3dfile_rt**** (used to emulate a camera system)\\ \\ \\ \\ \\ browse to the dynamic c3d file (walking_hybrid_2.c3d)\\ \\ \\ \\ \\ ****note:**** before using the real time stream users should test using c3d files collected in their lab | rtemulatecamera.jpg\\ || | ****2.b.**** to connect to the c3d stream using the external rt plugin: (more....) | |\\ \\ \\ \\ for instructions on how to run biofeedback through visual3d server see the [[https://www.c-motion.com/v3dwiki/index.php/visual3dserver_tutorials_biofeedback_v3drealtime|visual3d server tutorial]]. | v3drealtime_tutorial_step4_connecttoserver.png\\ || \\ ****3.**** the data is automatically applied to the model\\ ****note:**** streaming status in lower left ===== step 3 - compute model based item: rt pipeline ===== <html></html> <html></html>open up //model based data computation// under the ****real-time pipeline****<html></html> <html></html>double click //compute_model_based_data//<html></html> <html></html>click ****edit****\\ rtpipeline_cmbd.jpg<html></html> <html></html>change the corresponding:\\ ****data name:**** ankle ****folder:**** original ****model based item properties:**** joint_angle ****segment:**** right foot ****reference segment:**** right shank\\ capture_model_based_data.jpg<html></html> <html></html>click ****done****<html></html><html></html> ===== step 4 - create graph ===== <html></html> <html></html>click ****add**** in the ****real-time graphs**** section, and enter the following:\\ ****data to:**** link_model_based::original::ankle\\ graphdef.jpg<html></html> <html></html>click ****ok****<html></html><html></html> ===== complete ===== your result should show a real-time stream that looks like the picture below final.jpg\\ remember to save the graph and rt pipeline } } } } } }

From:
<https://has-motion.com/wiki/> - **Wiki Documentation Site**

Permanent link:
https://has-motion.com/wiki/doku.php?id=visual3d:tutorials:real_time:biofeedback:c3d&rev=1718804385

Last update: **2024/06/19 13:39**

