

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 } } } } } }`

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