

User Actions

a. Edit the setup file **subject_setup_scale_cmc.xml** to specify the settings for the **cmc** command. All parameters, input files, and output files are specified within this setup file. Detailed comments are contained within the setup file describing each parameter, input file, and output file. There are no restrictions on the names of files, although the conventions shown below are typically followed. In the file names below, it is assumed that the user will make the appropriate substitution for "subject" and "trial##".

b. Execute the command "**cmc -Setup subject_setup_cmc.xml**". This command produces a file containing the muscle excitations that will drive the scaled model (**subject.sim**) to track the specified generalized coordinates (**subject_trial##.q.sto**). The excitations are necessary to run the gait simulation and are necessary for most all investigations, including running forward simulations (**forward**) and perturbations (**perturb**).

