

TUTORIALS

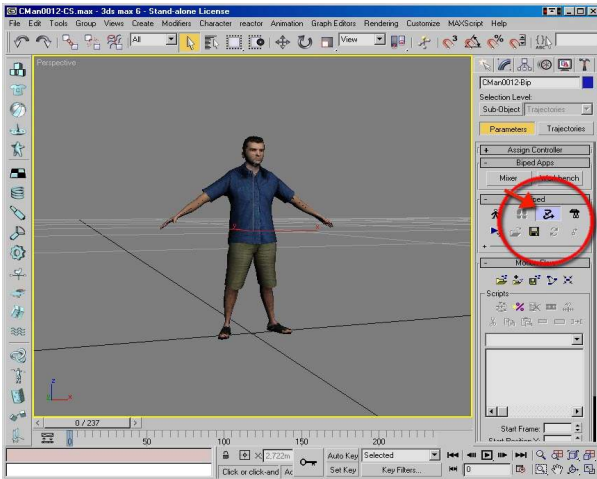
USING MOTION FLOW MODE

Combine multiple sets of converted MOCAP files to create longer sequences with varied motions

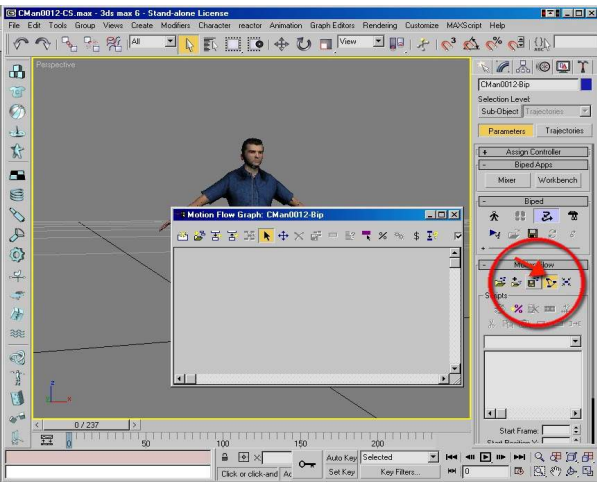
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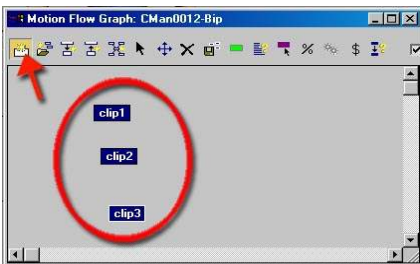
1. Click on the Motion Flow Mode icon in the general rollout.



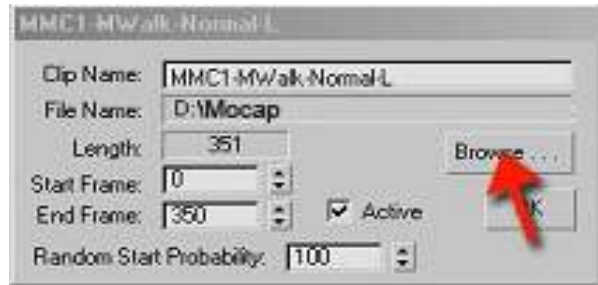
2. Go to "Motion Flow"
 - >> Click on the show graph icon.



3. Click on the Create Clip button
Click in the graph for each clip you want to load.

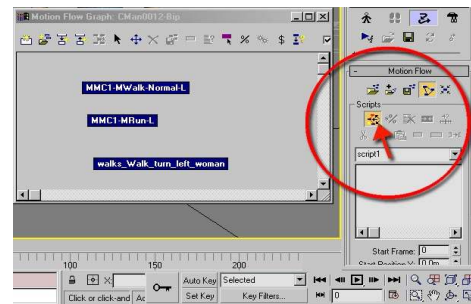


4. To load the clips, right click on each clip you have just created. Click on Browse and find the file you want to use. Then click OK.

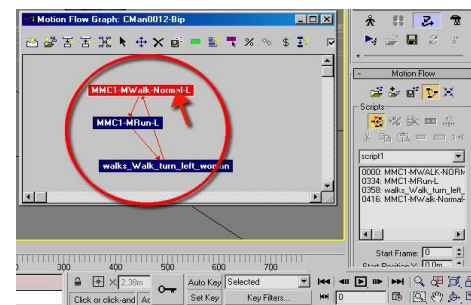


After loading each clip, you will need to define a script for the clips. The script is where you control the transitions between clips, the order clips are played, and the amount of times each clip is looped.

5. Click on "Define Script" button in the Motion Flow Script rollout.
You can name the script whatever you want.

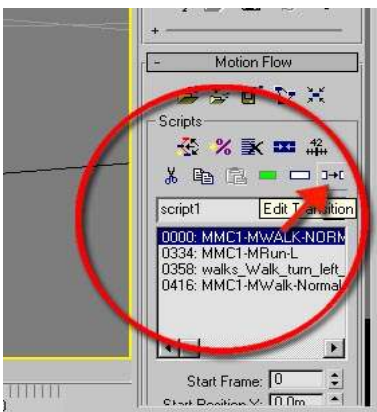


6. Go back to the Motion Flow Graph and click once on each clip to be used in the order that you want them to flow.

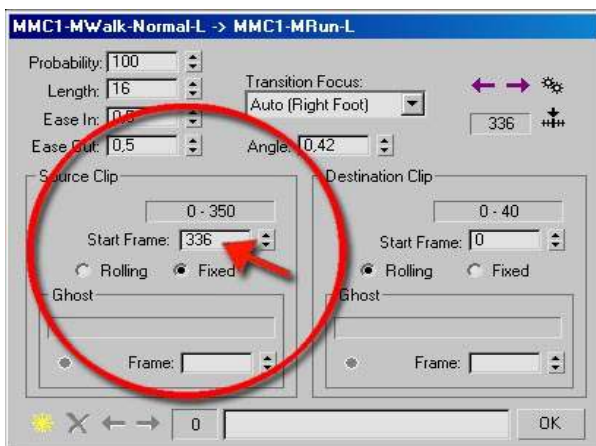


If you click more than once on a clip, a duplicate clip will be loaded into the script, which will make the clip loop.
 After you have filled up the script with the clips that you want, you can go and edit the transitions between them.

- 7. Click on the Edit Transition button. This will bring up a dialogue for editing the transition to avoid the sliding of the character's feet.

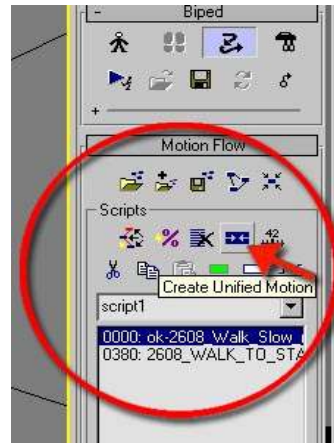


- 8. Use the start frame settings to get the two clips to line up as best as possible.



In the view ports you will see a visual representation of how the two clips fit together. The starting clip is represented by a yellow stick figure and the second clip is represented by a red stick figure. If either of the sequences is a run or walk motion, try to do the transition while the character's feet are in the air, otherwise the feet will "skate" or slide.
 Use the length setting to make the transition happen faster or more slowly.

- 9. Click on OK and edit the transition of all of the rest of your clips.
- 10. When you are satisfied with the entire sequence, you can save the whole thing as one Biped file. Click on "Create Unified Motion".



- 11. Exit Motion Flow Mode by clicking on the icon in the General rollout. Go to the "Save File" icon, name your file, and browse to the location where you want to save it.

Congratulations!
 You have just created animation using multiple nonlinear clips.

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