Pipeline_Breakpoint

This command will place a breakpoint in the pipeline that will allow the user assess their current progress before continuing. A dialog will pop-up and a custom message will be shown to the user along with two buttons: one allowing you to resume and the other if you wish to halt. The command is as follows:

Pipeline_Breakpoint /PAUSE_MESSAGE= **;** The message can be formatted using a simple version of the rtf file format.

For example, the following command will output four separate lines in the breakpoint prompt dialg

Pipeline_Breakpoint /PAUSE_MESSAGE= {\rtf1\ansi\deff0 \pard One\par \pard Two\par \pard Three\par \pard Four\par } **;**

Syntax Issue

Consider the following:

/PAUSE_MESSAGE=08/09/2017 by WSS Speed = 0.4 A forward slash (/) is a special character for pipeline commands that indicates that a parameter_name follows immediately afterwards. If an equals sign (😃 follows Visual3D confirms that a parameter was specified. Two equals signs (=😃, however, does confirm that a parameter was specified. Visual3D searches for an equals sign after each slash because this logically indicates that the user has specified a parameter. Pause_Message is assigned the string 08/09 Visual3D finds an equals sign after the next slash, so interprets the rest of the string as a new parameter /2017 by MJT using Modify_Speed_Metric_Ver01 Speed = 0.4 It doesn't do anything with this parameter because it doesn't recognize it. Solution remove the = sign /PAUSE_MESSAGE=08/09/2017 by WSS Speed 0.4 or specify two equals signs /PAUSE_MESSAGE=08/09/2017 by WSS Speed == 0.4

Example Pipeline

```
!=============================================================
! This script is an example using the Pipeline breakpoint command to allow
! the user to review the model and make adjustments before continuing.
!=============================================================

! Fresh Workspace
File_New
;

!-------------------------------------------------------------------------
-----
! Apply model to motion files -
! Bring in static file and apply model template. Open motion files and
```

```
assign model
!-------------------------------------------------------------------------
-----

! Create hybrid model from static file
Create_Hybrid_Model
! /CALIBRATION_FILE=
! /SUFFIX=
! /RANGE=ALL_FRAMES
;

! Apply model template. The user will browse for the model file
Apply_Model_Template
! /MODEL_TEMPLATE=
! /CALIBRATION_FILE=
;

! Breakpoint for reviewing model
Pipeline_Breakpoint
/PAUSE_MESSAGE=Review the model and make any adjustments before continuing.
;

! Open motion files. The user will browse for the files
File_Open
! /FILE_NAME=
! /SUFFIX=
/SET_PROMPT=Open motion files
;

! Assign tags to motion files
Assign_Tags_To_Files
/MOTION_FILE_NAMES=*walk*
/TAGS=WALK
;

! Assign the model to the motion files
Assign_Model_File
! /CALIBRATION_FILE=
! /MOTION_FILE_NAMES=
! /REMOVE_EXISTING_ASSIGNMENTS=FALSE
;
```

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