

Hawkeye Processing Log File

Overview

When the **Manage_Hawkeye_Processing** pipeline command runs, it creates a log file containing information about the signals created and any commands that failed during pipeline processing.

Purpose: This documentation explains the log file contents, which display real-time information each time the processing pipeline runs, allowing users to identify which signals were created and which failed.

Manage_Hawkeye_Processing

The following pipeline needs to be run in order for the log file to be created.

```
Manage_Hawkeye_Processing
/ROOT_FOLDER=
! /ACTION=
! /TAGS=ACTION
/PROJECT=BATTING
/OUTPUT_DATA_FORMAT=XML
! /IMPORT_ANALOG_FILES=FALSE
! /MERGE_THEIA3D_FILES=FALSE
! /MERGE_THEIA3D_AND_OTHER_FILES=FALSE
/PRIMARY_SESSION_FOLDER=
! /PRIMARY_FILE_MASK=
! /PRIMARY_MODEL_MASK=
! /THEIA3D_PREFIX=
! /THEIA3D_SUBJECT_TAG=
! /OTHER3D_SESSION_FOLDER=
! /OTHER3D_FILE_MASK=
! /OTHER3D_MODEL_MASK=
! /OTHER3D_MODEL_TEMPLATE_MASK=
! /OTHER3D_PREFIX=
! /OTHER3D_SUBJECT_TAG=
! /NUMBER_OF_SESSION_FILES_ALLOWED=
! /GCVSPL_VARIANCE=
! /RECREATE_EVENTS=TRUE
! /QA_FORCE_ASSIGNMENTS=TRUE
! /OPEN_CMZ_LIBRARY=FALSE
! /SAVE_DEFAULT_CMZ_FILES=TRUE
! /REPORT_COMMAND=FALSE
! /REPORT_INFO=FALSE
! /REPORT_ERROR=FALSE
! /REPORT_WARNING=FALSE
```

```
/INPUT_FOLDER_STRUCTURE_PRIMARY=SESSION
! /INPUT_FOLDER_STRUCTURE_SECONDARY=DEFAULT
! /INPUT_FOLDER_STRUCTURE_STATIC=DEFAULT
! /VISUAL3D_PIPELINE_POST_MERGE=
! /VISUAL3D_PIPELINE_PREMERGE=
;
```

Log File

Log File Naming & Location

The log file name is the CMZ file name, date file was created, concatenated with “_log” : **CMZ file name_date_log.txt**. The log file will be saved in the same file directory as the created CMZ after running the pipeline.

Contents

The log file will contain all the signal commands that were run, including model based signals and metric signals.

For example, a command that ran successfully and created the correct signal, below the command will be list of the signals created (if multiple C3D files are being processed there will be a list of the same signals created for each file).

This line shows the right hip angle was created as a LINK_MODEL_BASED signal, since there is only 1 this means that there is only one file being processed:

LINK_MODEL_BASED::ORIGINAL::123456:RHIP_ANGLE

```
Compute_Model_Based_Data
/RESULT_NAME=RHIP_ANGLE
/SUBJECT_TAG=ALL_SUBJECTS
/FUNCTION=JOINT_ANGLE
/SEGMENT=RTH
/REFERENCE_SEGMENT=RPV
/RESOLUTION_COORDINATE_SYSTEM=
;
! LINK_MODEL_BASED::ORIGINAL::123456:RHIP_ANGLE
```

If using a command like Signal_Magnitude, the command might be run on various signals within 1 file, a list will be created showing which signals the command outputted successfully for each file being processed. Seen below a magnitude of the back hip speed and front hip speed was successfully created.

```
Signal_Magnitude
/SIGNAL_TYPES=DERIVED
/SIGNAL_FOLDER=BAT
/SIGNAL_NAMES=BHIP_SPEED+FHIP_SPEED
/RESULT_TYPES=LINK_MODEL_BASED
/RESULT_FOLDERS=BAT
/RESULT_NAME=BHIP_SPEED+FHIP_SPEED
/APPLY_AS_SUFFIX_TO_SIGNAL_NAME=FALSE
```

```
;
!   DERIVED::BAT::123456:BHIP_SPEED
!   DERIVED::BAT::123456:FHIP_SPEED
!
```

If a signal is failed to be created, ****FAILED**** will be shown, example shown below.

```
Event_Maximum
/RESULT_EVENT_NAME=PEAK_KNEE_ANGVEL
/SIGNAL_TYPES=LINK_MODEL_BASED
/SIGNAL_FOLDER=BAT
/SIGNAL_NAMES=FKNEE_ANGVEL
/SIGNAL_COMPONENTS=X
/EVENT_SEQUENCE=SWING
/EVENT_INSTANCE=1
/FRAME_WINDOW=20
;
!   ***** FAILED *****
```

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