

Many of the pipeline commands in Visual3D act on the active files only. Using this command the user can determine what files are active and therefore will be processed.

[Tutorial4_5.jpg](#)

Pipeline Command

The pipeline command below is used to select the [Active_Files](#)

```
Select_Active_File
! /FILE_NAME=
! /QUERY=
! /SUBJECT_TAGS=NO_SUBJECT
;
```

File_Name

The parameter **/File_Name=** can be a single file, a TAG referring to all files with that TAG, or the keyword ALL_FILES, which makes all of the files in the Visual3D Workspace active.

Note: Visual3D defines files by their full pathname. For example, the following command will not be recognized

```
Select_Active_File
/FILE_NAME= file1.c3d
;
```

To fix the example above, you define the full pathname:

```
Select_Active_File
/FILE_NAME= c:\data\session1\file1.c3d
;
```

or you can use a wildcard:

```
Select_Active_File
/FILE_NAME= *file1.c3d
;
```

or you can specify a TAG:

```
Select_Active_File
/FILE_NAME= TAG1
;
```

Query

The Query option (**Visual3D Professional Only**) allows you to select a subset of the files referred by to FILE_NAME. You can query using [expressions](#):

```
/QUERY=METRIC::PROCESSED::MASS > 75
```

Subject_Tags

Set the active subject tag - FOR MULTISUBJECT ONLY!

Example 1: Global_Workspace

This example shows how to make the [Global Workspace](#) active

```
Select_Active_File  
/FILE_NAME=GLOBAL  
! /QUERY=  
;
```

Example 2 - ALL_FILES and OR Query

From ALL_FILES select files that are tagged TAG1 or TAG2. Note there are multiple syntaxes for the “or”. Two are shown below:

Using the “+” as the “OR” operator

```
Select_Active_File  
/FILE_NAME=ALL_FILES  
/QUERY=TAG1 + TAG2  
;
```

Using “|” as the “OR” operator

```
Select_Active_File  
/FILE_NAME=ALL_FILES  
/QUERY=TAG1 | TAG2  
;
```

Example 3 - ALL_FILES AND and NOT Query

From ALL_FILES select files that are TAG1 AND NOT TAG2 using the operators “&” and “NOT”

```
Select_Active_File  
/FILE_NAME=ALL_FILES  
/QUERY=TAG1 & NOT(TAG2)  
;
```

Example 4 - ALL_FILES and a wildcard

From ALL_FILES select files that do not contain the wildcard *run*.c3d

This cannot be done in one step. Command will be used to tag the files prior to using the Select_Active command.

```
! Assign tag RUN to files with "run" in the pathname  
Assign_Tags_To_Files  
/MOTION_FILE_NAMES=*run*.c3d  
! /QUERY=  
/TAGS=RUN  
;  
  
! Assign tag NOT_RUN to files that are not tagged RUN  
Assign_Tags_To_Files  
/MOTION_FILE_NAMES=ALL_FILES  
/QUERY=NOT(RUN)  
/TAGS=NOT_RUN  
;  
  
! Select NOT_RUN as the active files  
Select_Active_File  
/FILE_NAME=NOT_RUN  
! /QUERY=  
;
```

[Back to Pipeline Commands Reference](#)

From:
<https://has-motion.com/wiki/> - Wiki Documentation Site

Permanent link:
https://has-motion.com/wiki/doku.php?id=visual3d:documentation:pipeline:file_commands:select_active_file&rev=1718648381

Last update: 2024/06/17 18:19

