

Import_Data_From_Matlab

Overview

Visual3D will use DCOM to pull signals directly from the Matlab Workspace without having to save the m-file. This command is different from [Get_From_Matlab](#) because it allows the data to be imported to multiple files. This is possible because it uses a Matlab struct_array to store the data.

Pipeline Command

```
Import_Data_From_Matlab
/SIGNAL_TYPES=
! /SIGNAL_FOLDER=PROCESSED
/SIGNAL_NAMES=
/MATLAB_ITEM_NAME=
/INPUT_NAMES=
;
```

Command Parameters

Import_Data_From_Matlab

/MATLAB_ITEM_NAME=	the name of the Matlab struct_array
/SIGNAL_TYPES=	the Visual3D Types
/SIGNAL_NAMES=	the Visual3D Names
/SIGNAL_FOLDER=	the Visual3D Folders
/INPUT_NAMES=	the names of the signal within the struct array

Dialog

Import Data from Matlab

Import Signals

Matlab Var

TEST

Matlab Variable Name

Returned Signal Type

Returned Signal Name

Add to Returned Data

Matlab Variable Name	Signal Type	Signal Name
O_LFT1	TARGET	LFT1
O_LFT2	TARGET	LFT2
O_LFT3	TARGET	LFT3

Done

Cancel