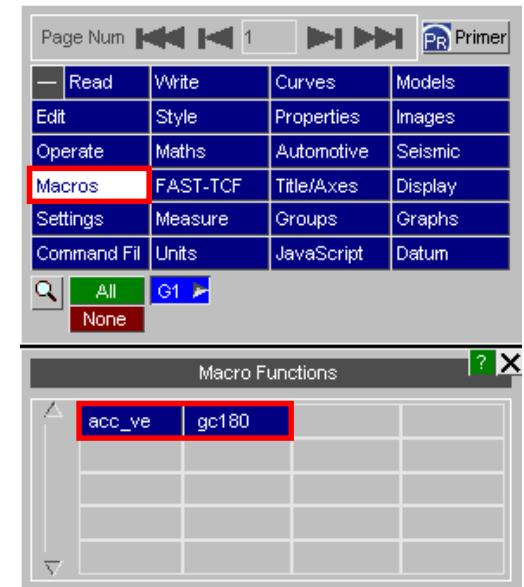
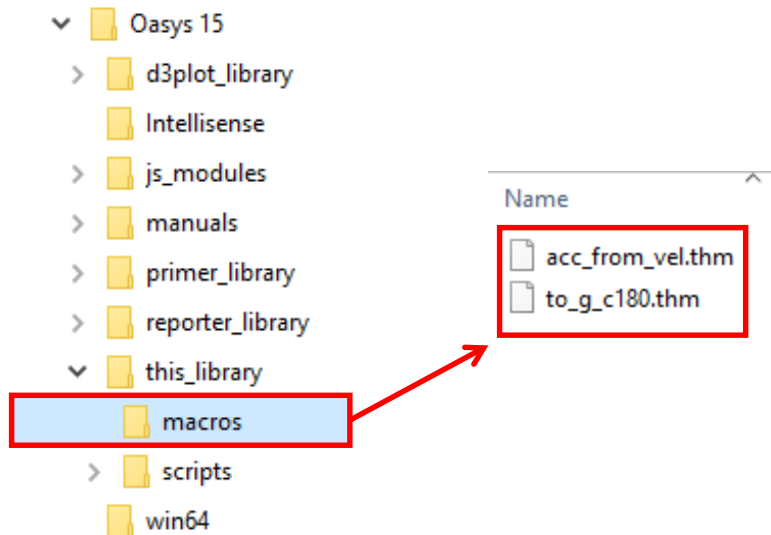


Macros

About Macros

- Macros allow quick access to common sequences of user defined operations.
- Each macro is a FAST-TCF script with some additional lines specific to macros and extension .thm.
- T/HIS creates a button for each macro, for quick access.
- By default, macros are stored under \$OA_INSTALL\this_library\macros. They also can be kept in a subdirectory that is defined by the user.

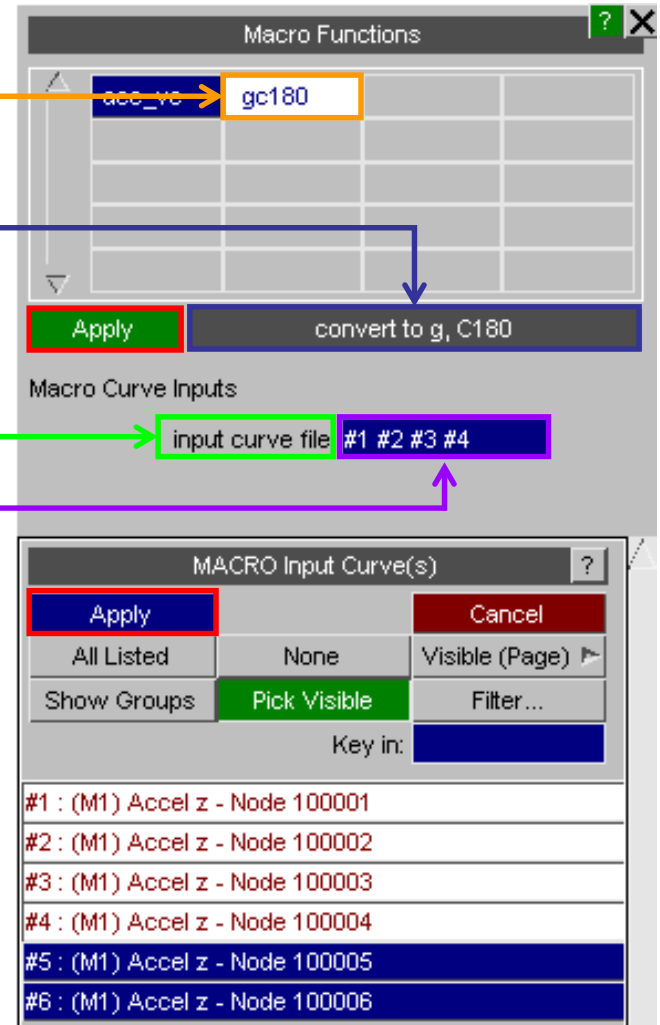


Example 1 – Macro with one Curve as Input

gc180 Macro Description

```
#  
# Apply C180 filter, then mm/s^2 to g  
#  
macro acr gc180  
macro title convert to g, C180  
macro curve input_curve input curve file  
#  
operation c180 $input_curve tag curve_2  
operation div curve_2 9810 tag curve_3
```

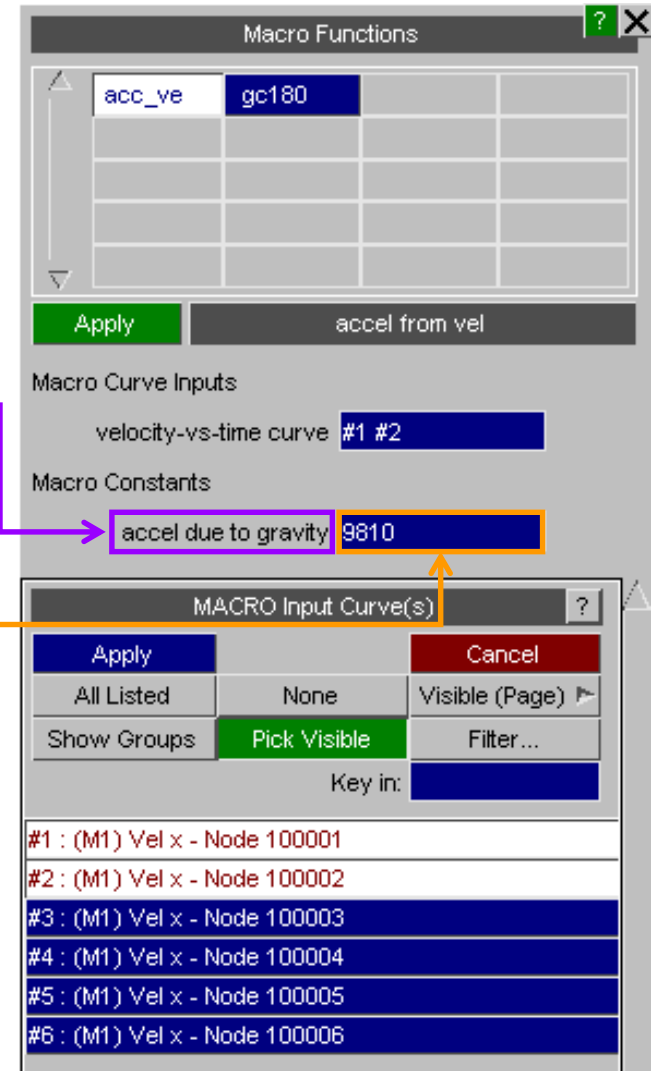
- Input names are variables, so use '\$' when referring within main part of script, e.g. \$input_curve.
- Inputs to the macro can be curves or constants.
- Curves can be selected from the 'MACRO Input Curves(s)' menu or inputting the curve id's into the 'input curve file' text entry box.
- To apply the macro to the curve(s) selected from the 'MACRO Input Curves(s)' sub menu, click the BLUE Apply button.
- To apply the macro to the curve(s) inputted into the 'input curve file' text entry box, click the GREEN Apply button.



Example 2 – Macro with one Curve and one constant as Input

acc ve Macro Description

```
#  
# Converts velocity into accel, with  
# user-defined g-value  
#  
macro acr acc_ve  
macro title accel from vel  
macro curve input_curve input curve file  
macro constant gvalue accel due to gravity  
#  
operation dif $input_curve tag curve_2  
operation div curve_2 $gvalue tag curve_3 #
```



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