

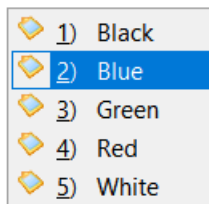
# Macro Toolworks Perfect Keyboard

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Version 8.x.x or newer, Standard Edition or better

## How to Use Single Shortcut for Multiple Macros

This document shows two ways how to use the same shortcut to run multiple macros. When user types the shortcut then a choice of multiple macros to pick from is shown and user selects the one to run. Example:



There are two ways how this can be achieved:

Option 1: Multiple macros have the same (text) shortcut assigned.

Option 2: Use “Menu of MACROS” (in the macro text syntax <macromenu>) command

To create something useful, let’s make a set of macros that will insert the current date in different formats like these:

Thursday, March 22, 2018  
3/22/2018  
2018/03/22  
Y:18M:03D:22

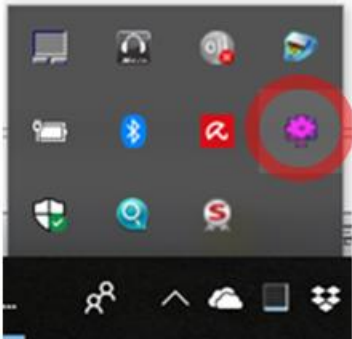
(Note: The first three date formats are natively supported while the last one is custom format.)

*Note: You may need to read “How to Create Text Insertion Macro” tutorial before this one.*

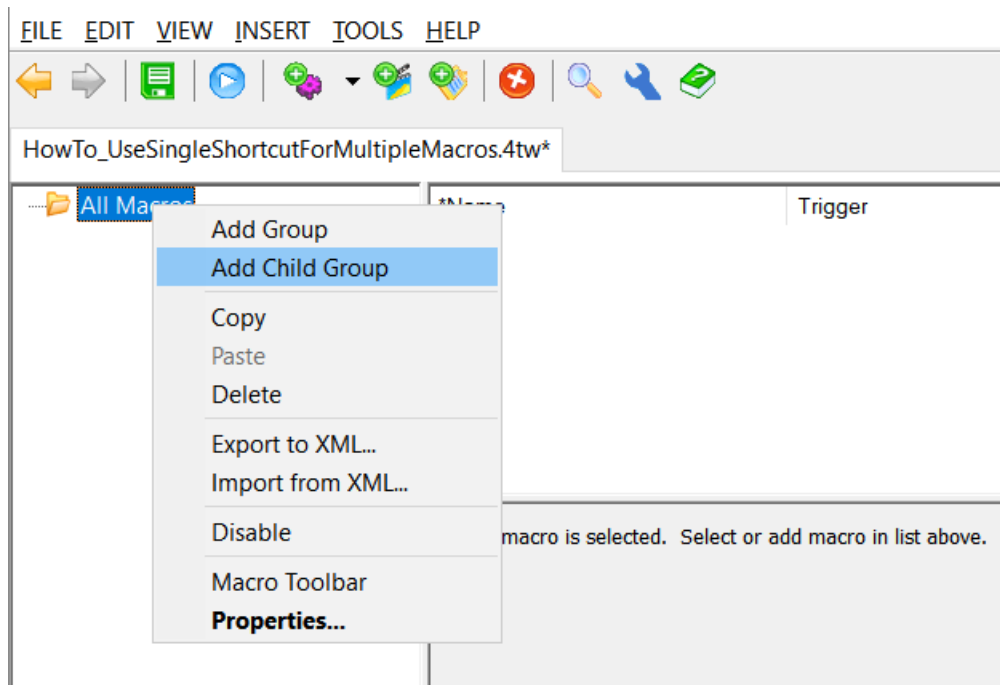
## Option 1

Steps:

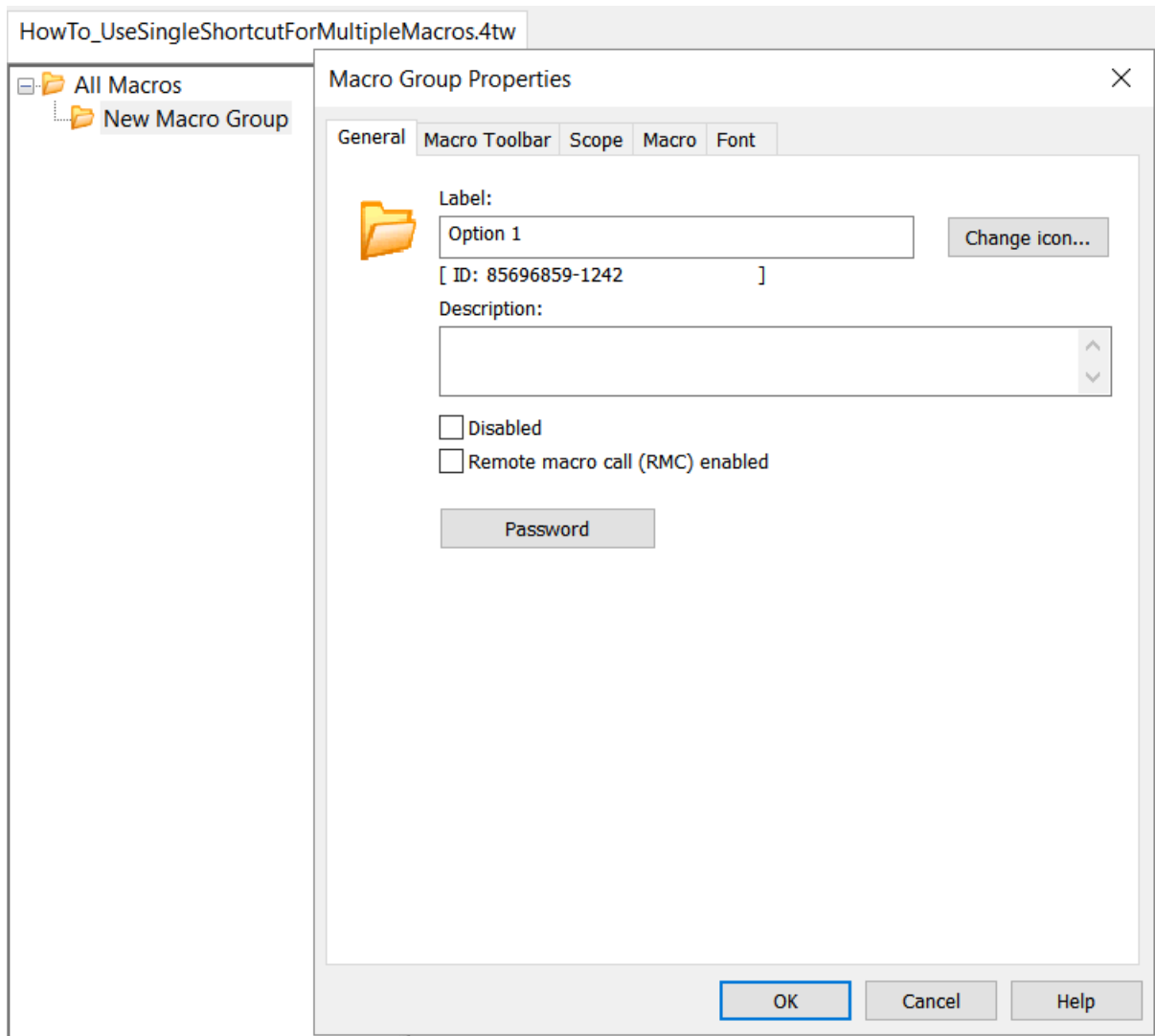
1. Open the Macro Toolworks / Perfect Keyboard window on screen by clicking on its tray icon:



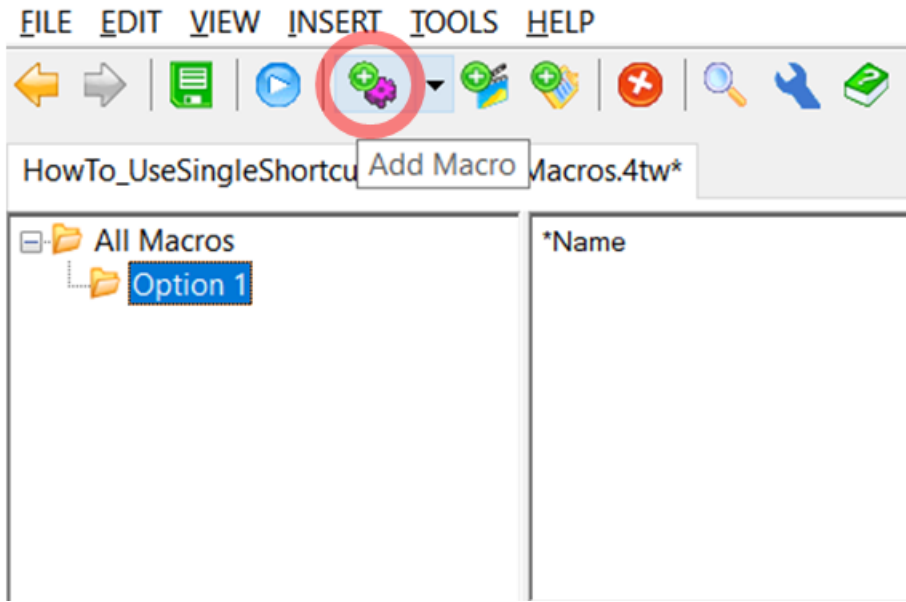
2. At first we create a new macro group “Option 1”. Just right-click on the “All Macros” group and select “Add Child Group”:




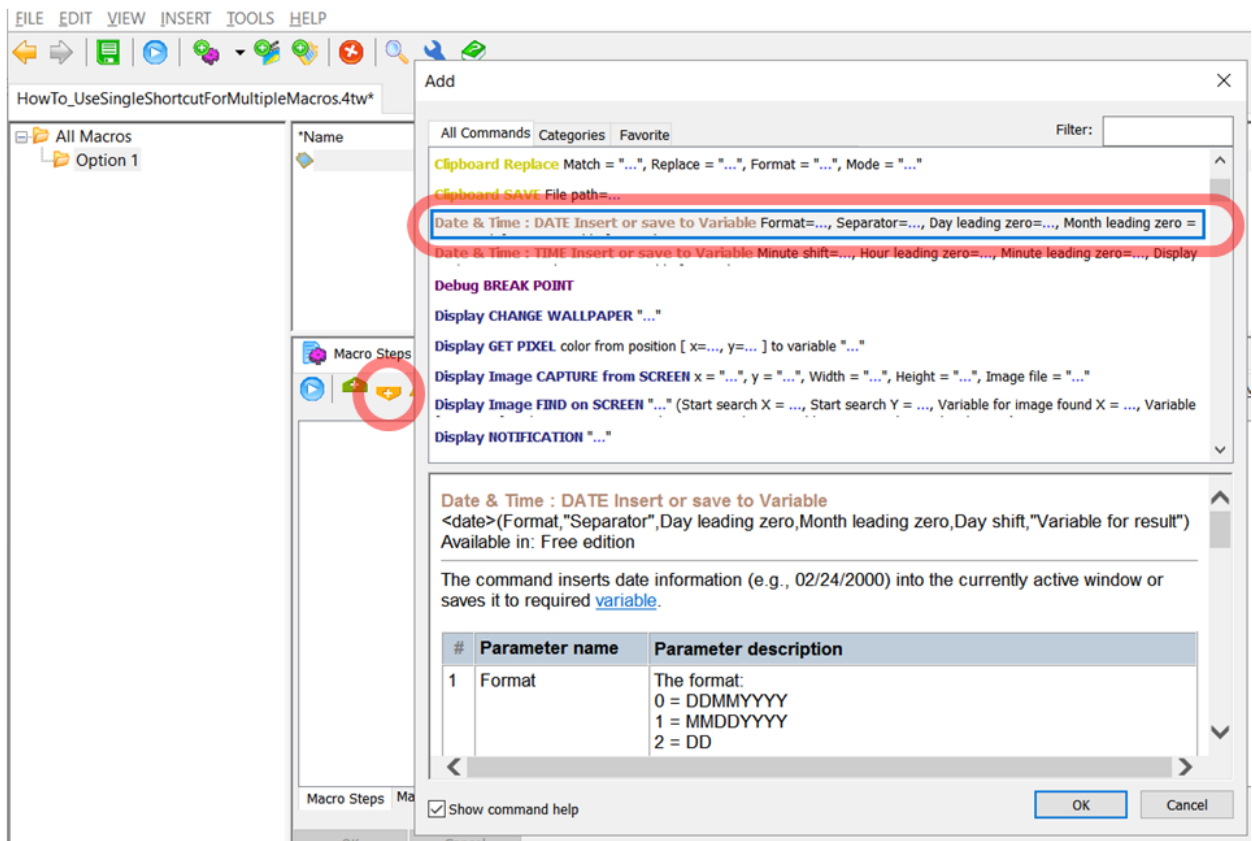
3. Assign it the name “Option 1” and click OK:



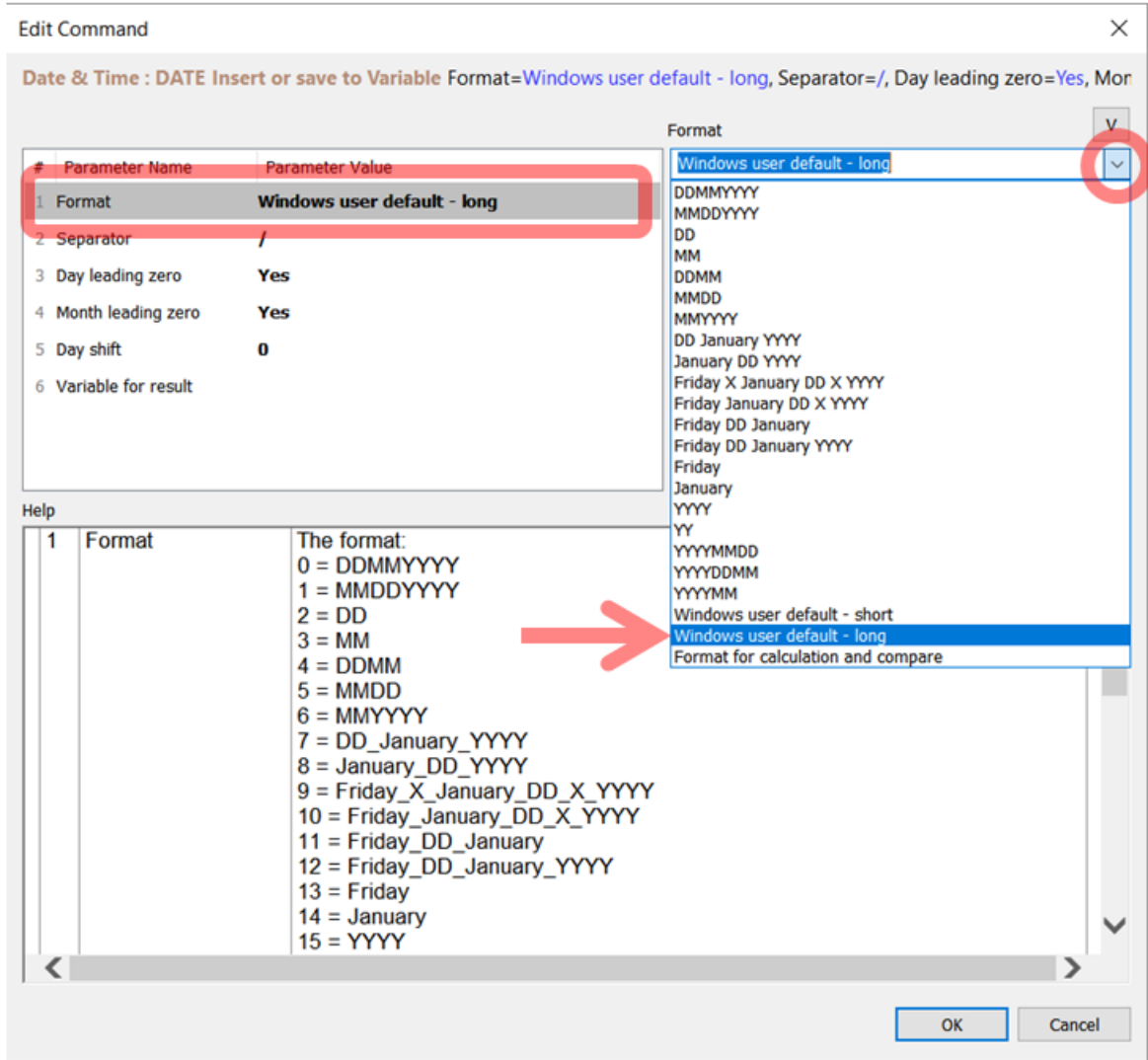
4. In this new macro group we create a macro by clicking “Add Macro” button:



5. In the newly created macro we will add “Date & Time” command by clicking  “Add command” button in the “Macro Steps” tab:

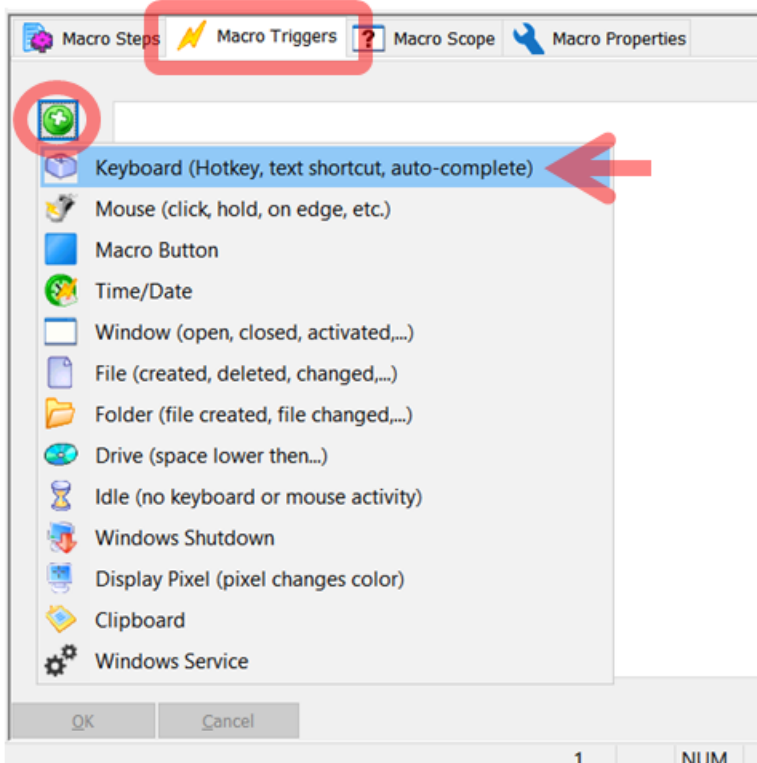


6. In the “Edit Command” window shown, we need to pick the right date format from the list of formats and click OK.

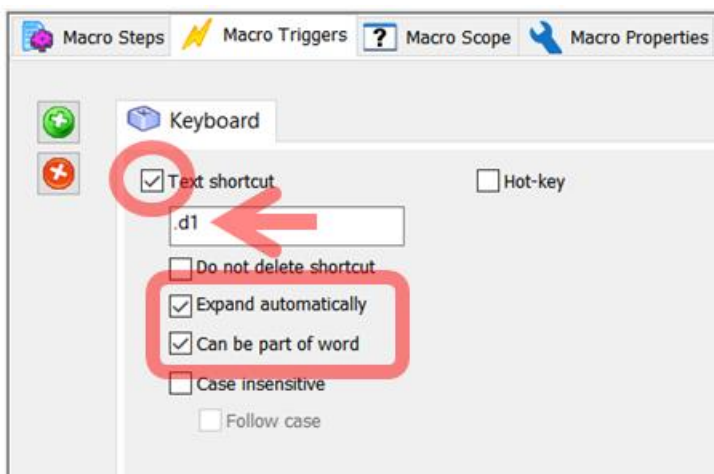


7. Now we switch to “Macro Triggers” tab and assign the macro a text shortcut trigger.

1:

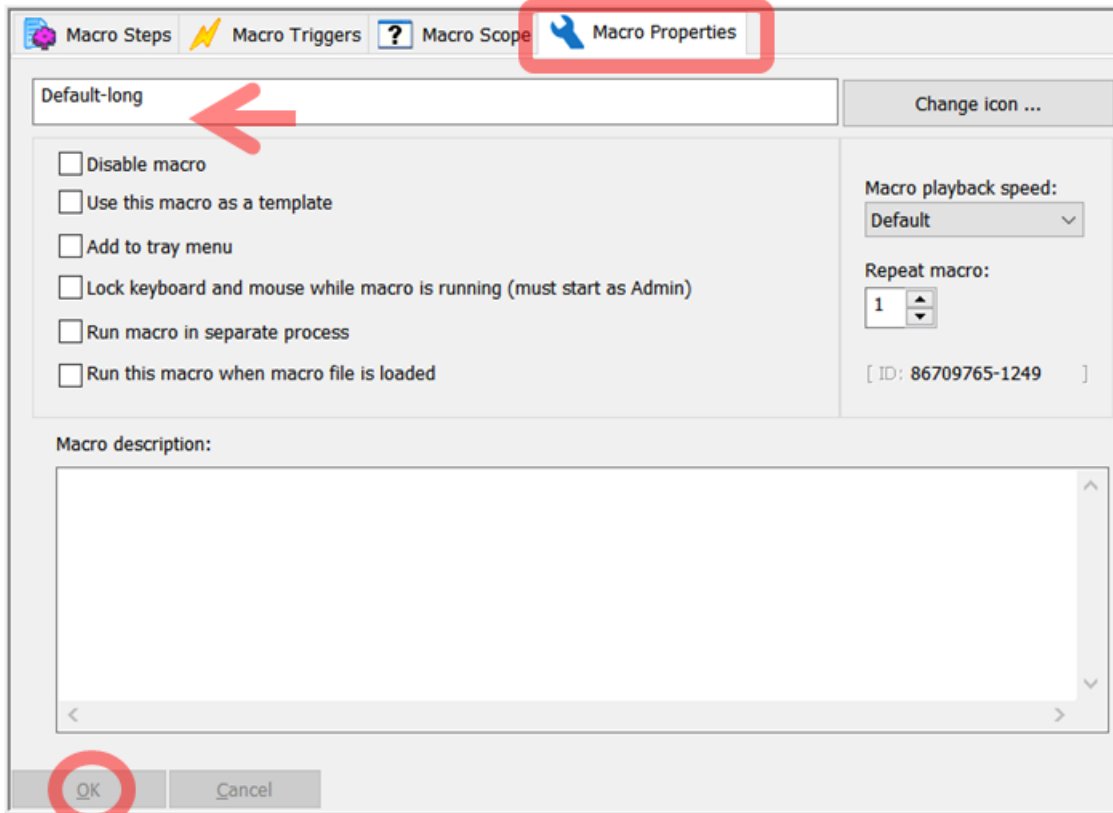


2:

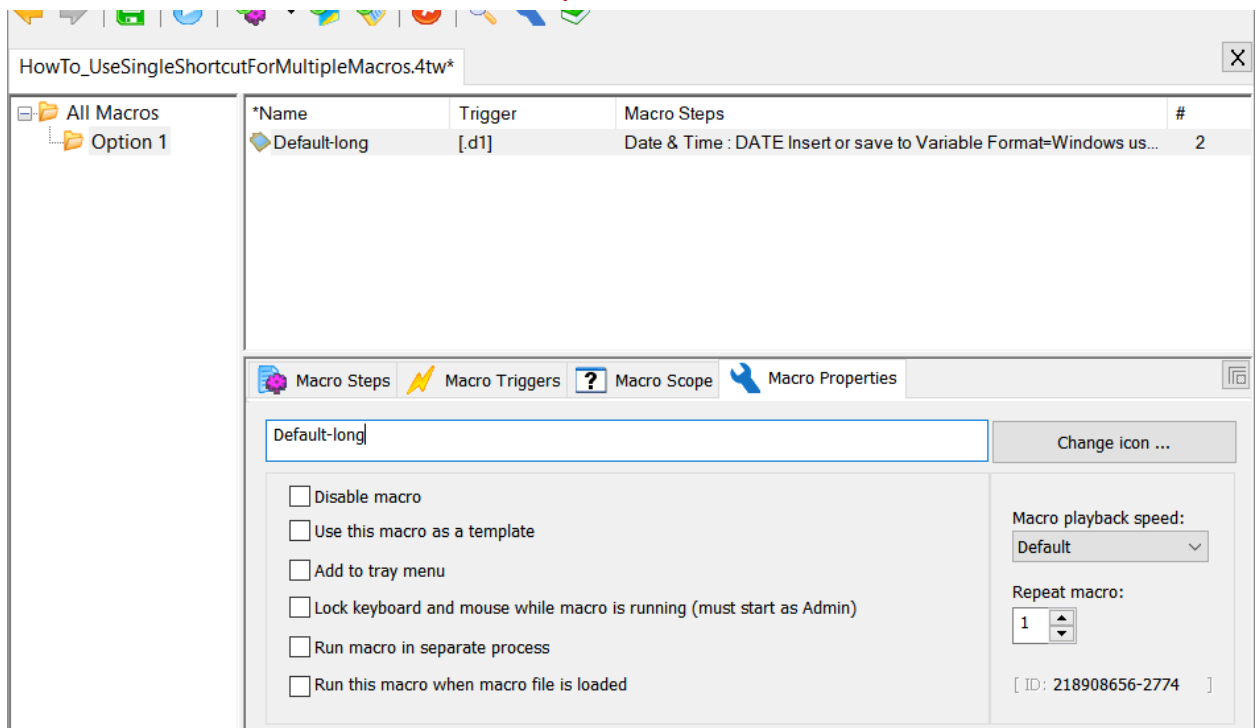


(Note: The text shortcut .d1 means “date option 1” as we now working on the option 1.)

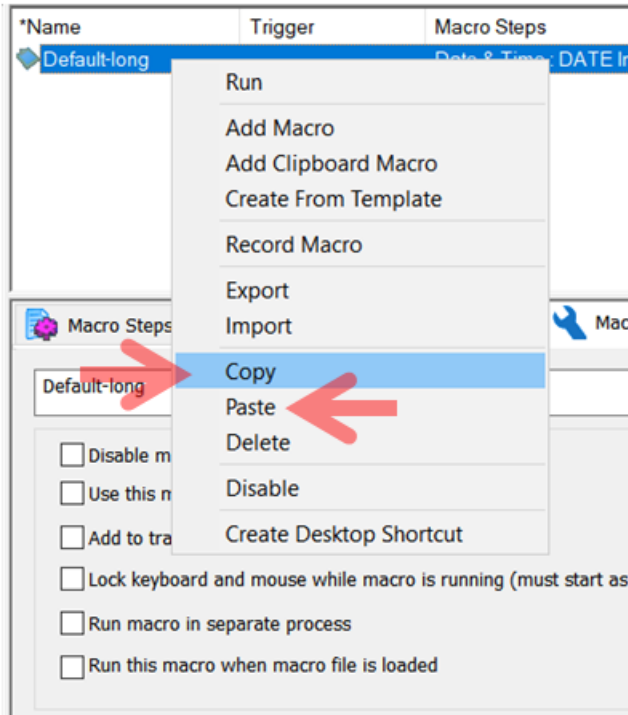
8. Now we switch to “Macro Properties” tab, assign the macro a name, and click OK:



9. We have now created macro that implements the first date format:

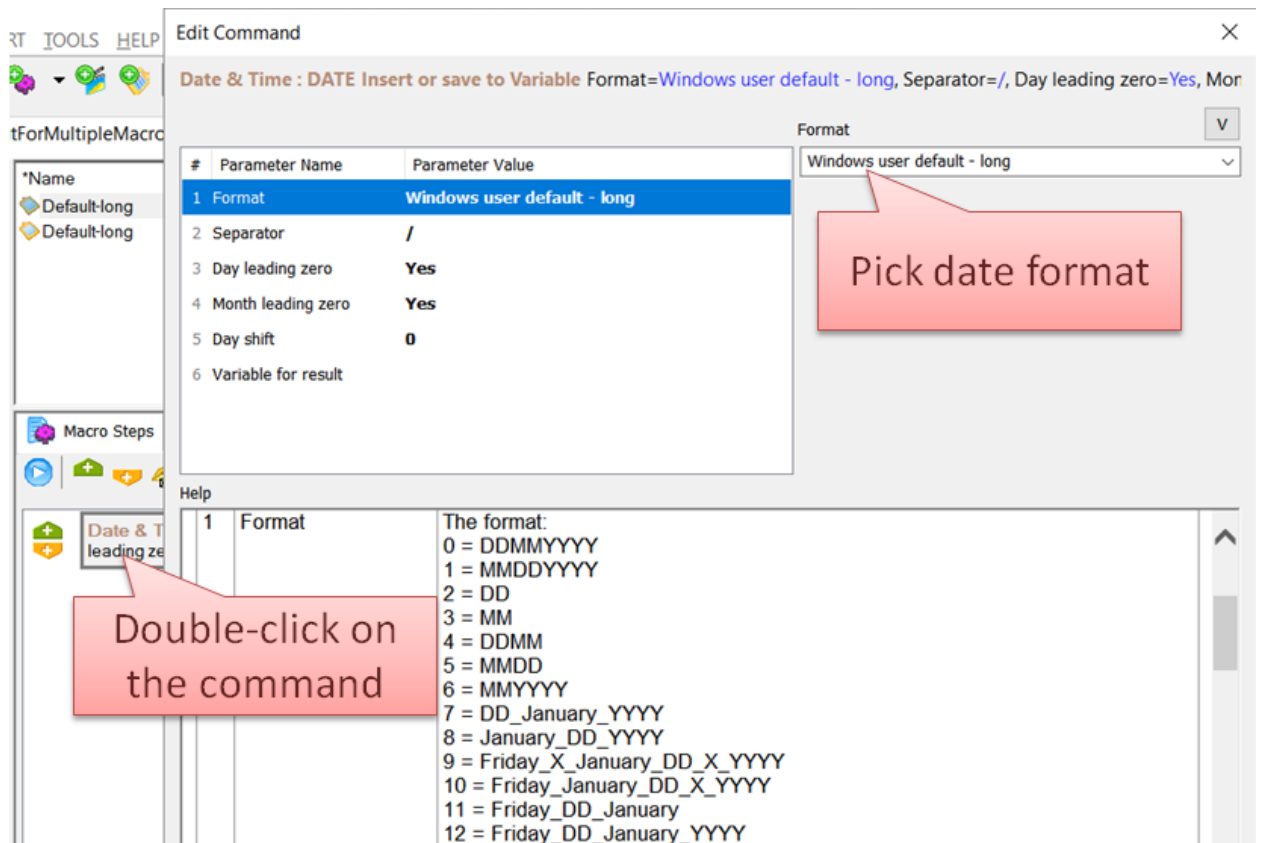


10. Now we copy/paste the macro. Just right-click on the newly created “Default-long” macro, click “Copy”, then right-click again and click “Paste”:



11. In the copied macro we at first change the date format. We switch to “Macro Steps” tab, then we double-click on the “Date & Time” command and then we pick the other date format, and click OK:





12. We change also the macro name. Then we create the same way also the third macro. So this is what we get so far:

*Name	Trigger	Macro Steps	#
Default-long	[.d1]	Date & Time : DATE Insert or save to Variable Format=Windows us...	2
YYYYMMDD	[.d1]	Date & Time : DATE Insert or save to Variable Format=YYYYMMD...	4
Default-short	[.d1]	Date & Time : DATE Insert or save to Variable Format=Windows us...	3

Macro Steps
Macro Triggers
Macro Scope
Macro Properties

YYYYMMDD

Disable macro
  Use this macro as a template
  Add to tray menu
  Lock keyboard and mouse while macro is running (must start as Admin)
  Run macro in separate process
  Run this macro when macro file is loaded

Macro description:

Change icon ...

Macro playback speed:  
Default

Repeat macro:  
1

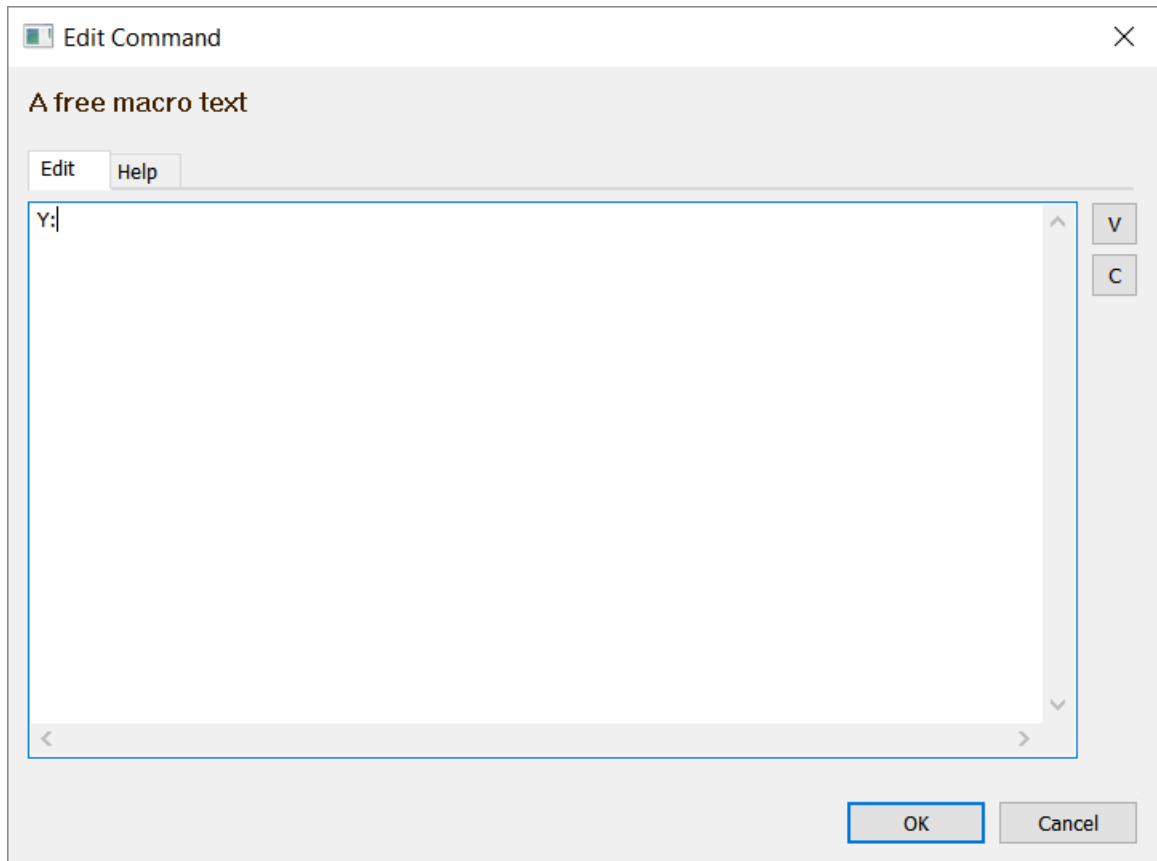
[ ID: 219581640-2776 ]

13. We create the same way also the last macro (the one with the custom date format); however, it will need some more changes in “Macro Steps”. We will add “A free macro text” (to get the “Y:” portion of the date format) in the front of “Date & Time” command:

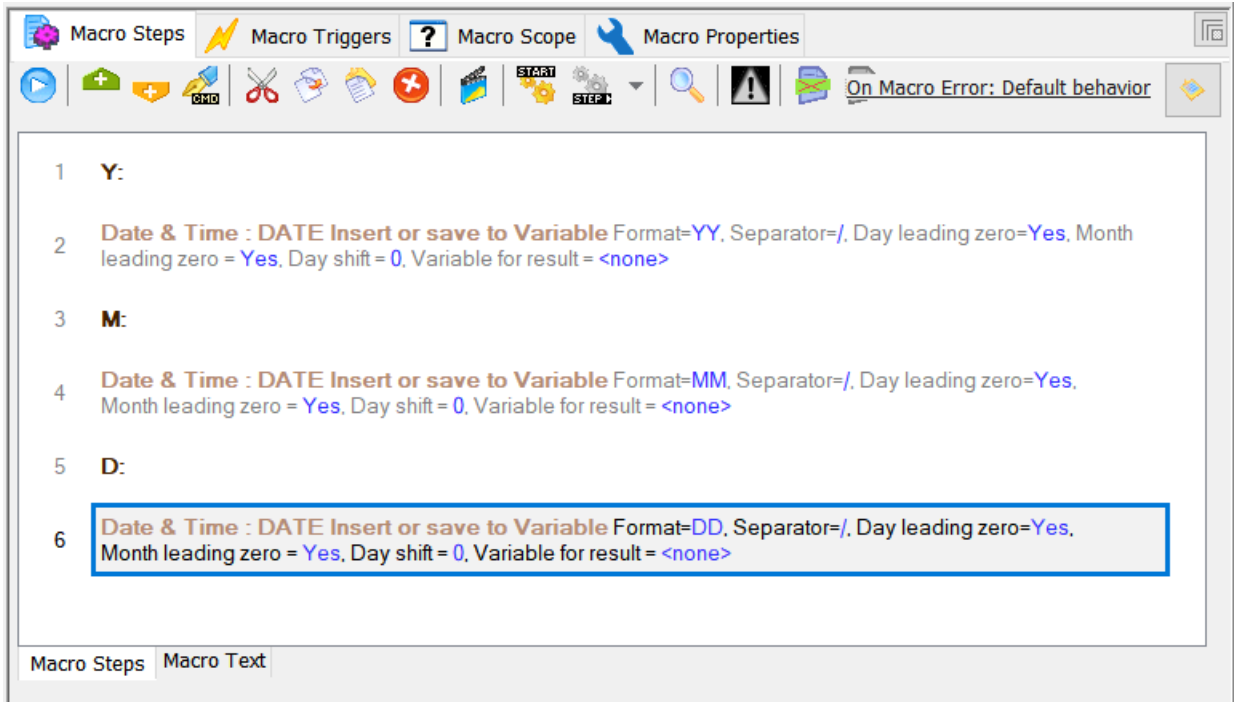
Click the green “+” icon to insert new command above

The macro free text is typically used in combination with "text shortcut" keyboard trigger to

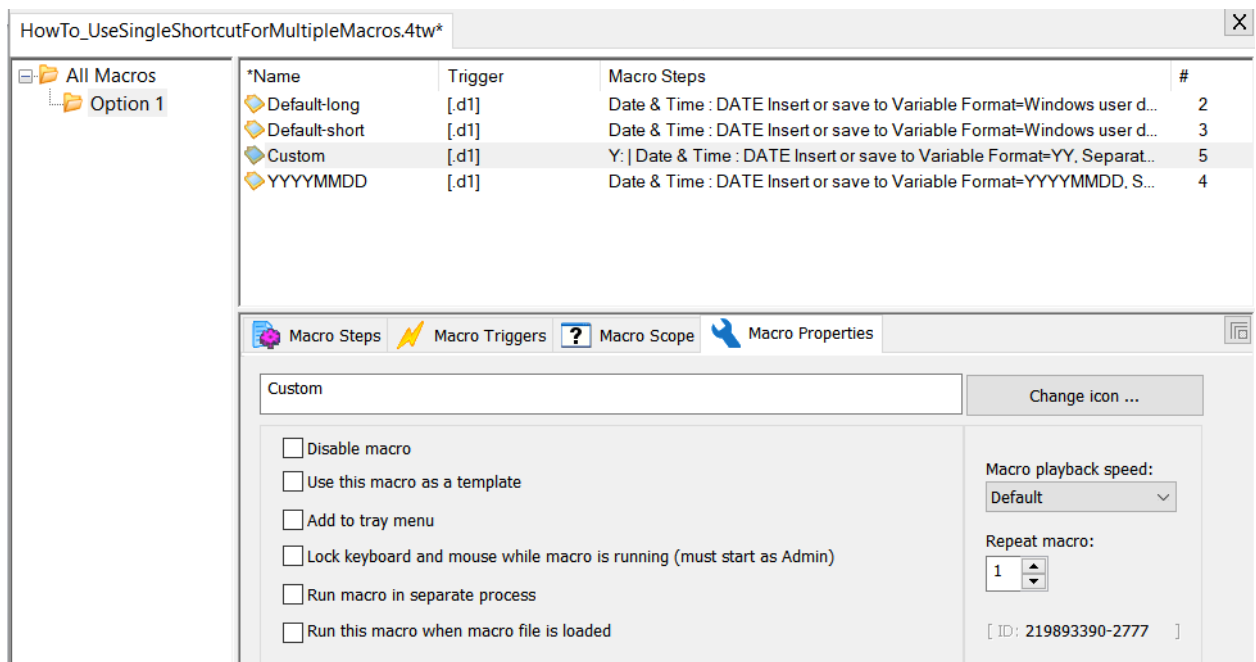
14. In the “A free macro text” we simply type “Y:” and click OK:



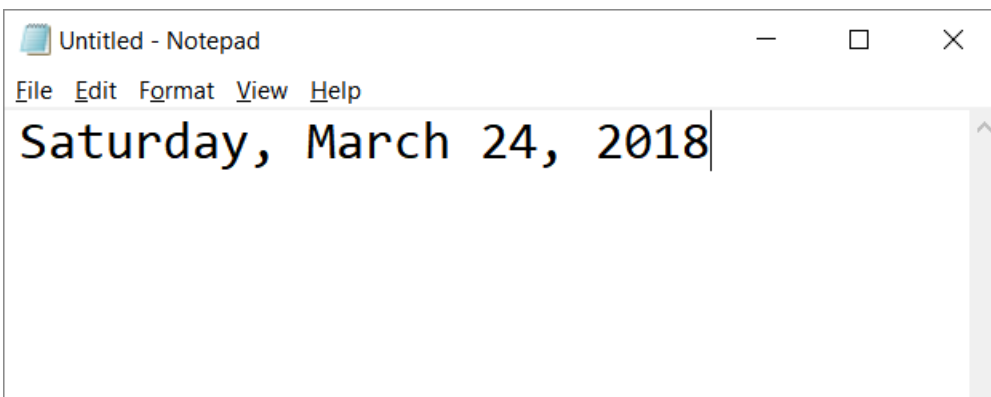
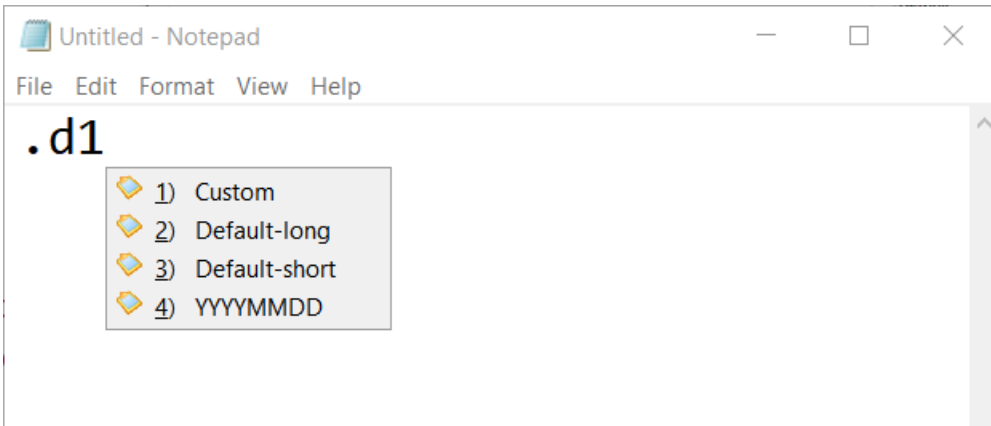
15. Now we need to change the “Date & Time” format as well and repeat the step above to get macro like this:



16. After we name the last macro "Custom" we get all the macros::

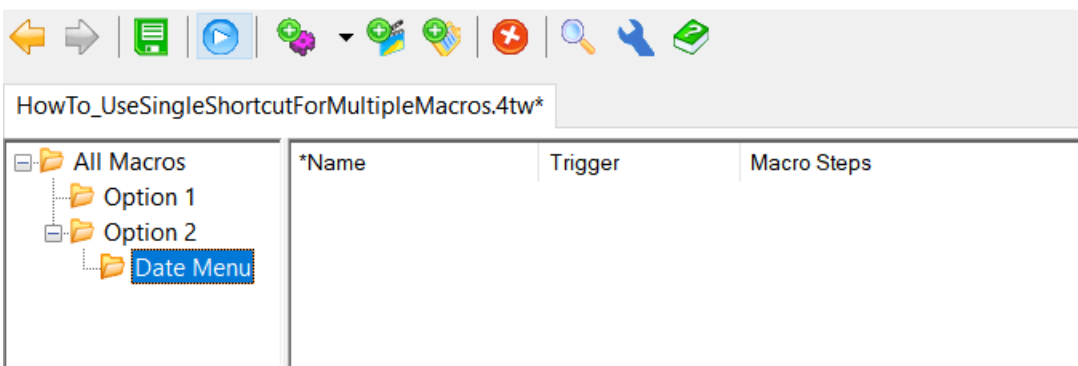


17. Let's try them in Notepad. Minimize the Macro Toolworks (Perfect Keyboard) window and open Notepad window. Type .d1 in it:



## Option 2:

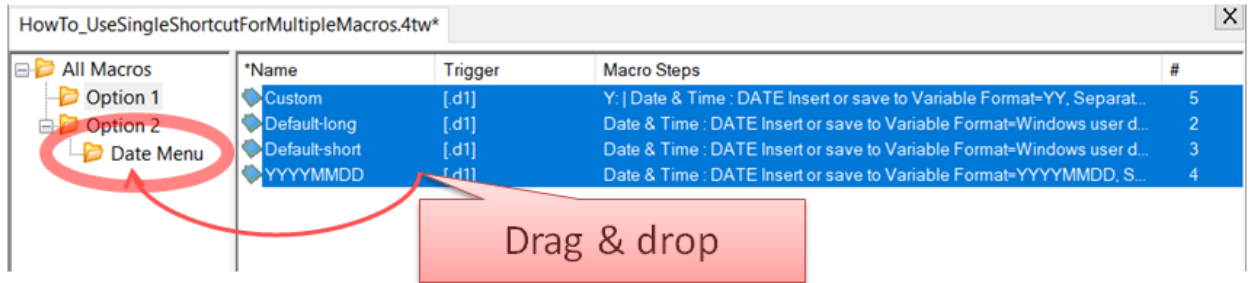
1. We create a new "Option 2" macro group and also its "Date Menu" sub-group:



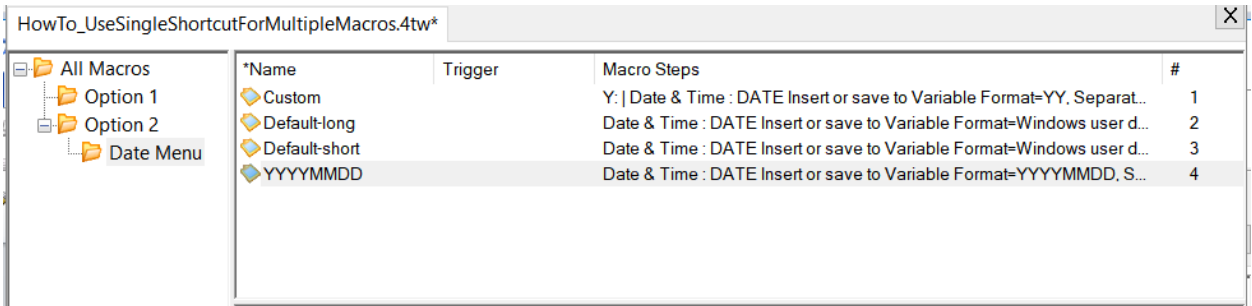
2. We copy the previously created macros from "Option 1" to "Date Menu" group so that we do not need to manually create them again for the Option

2 demonstration. We can either use Copy/Paste feature or we can use drag & drop. After the macros are copied we just need to remove the “.d1” trigger from all of them since for Option 2 we will use “.d2” text shortcut:

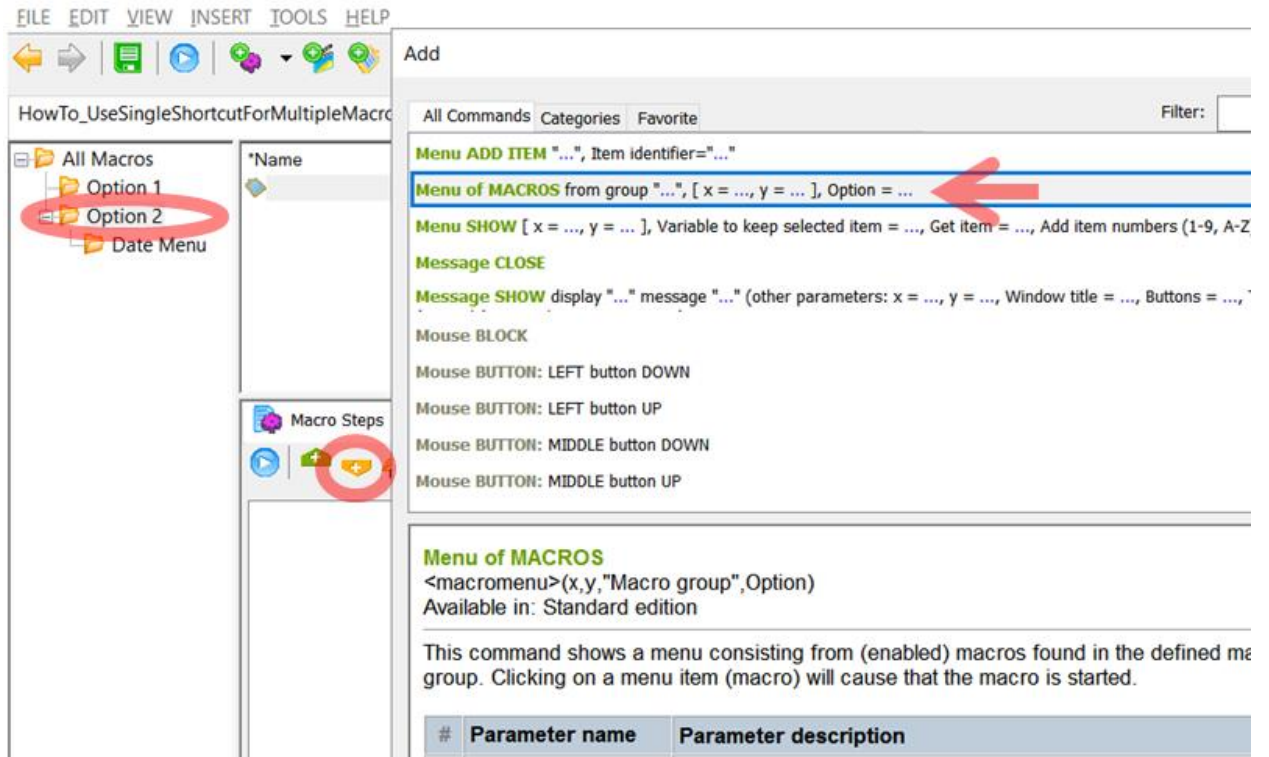
1:



2:



3. In the “Option 2” macro group we create a new macro called “Show Date Menu”. In the “Macro Steps” we add command called “Menu of MACROS”:



4. The command, when macro executes, shows a menu of all macros (and macro groups as sub-menus) that belongs to a specified macro group. So we configure the command to take macros from our "Date Menu" macro group:



Edit Command ×

Menu of **MACROS** from group "<none>", [ x = -1, y = -1 ], Option = Sort alphabetically

Macro group ... V

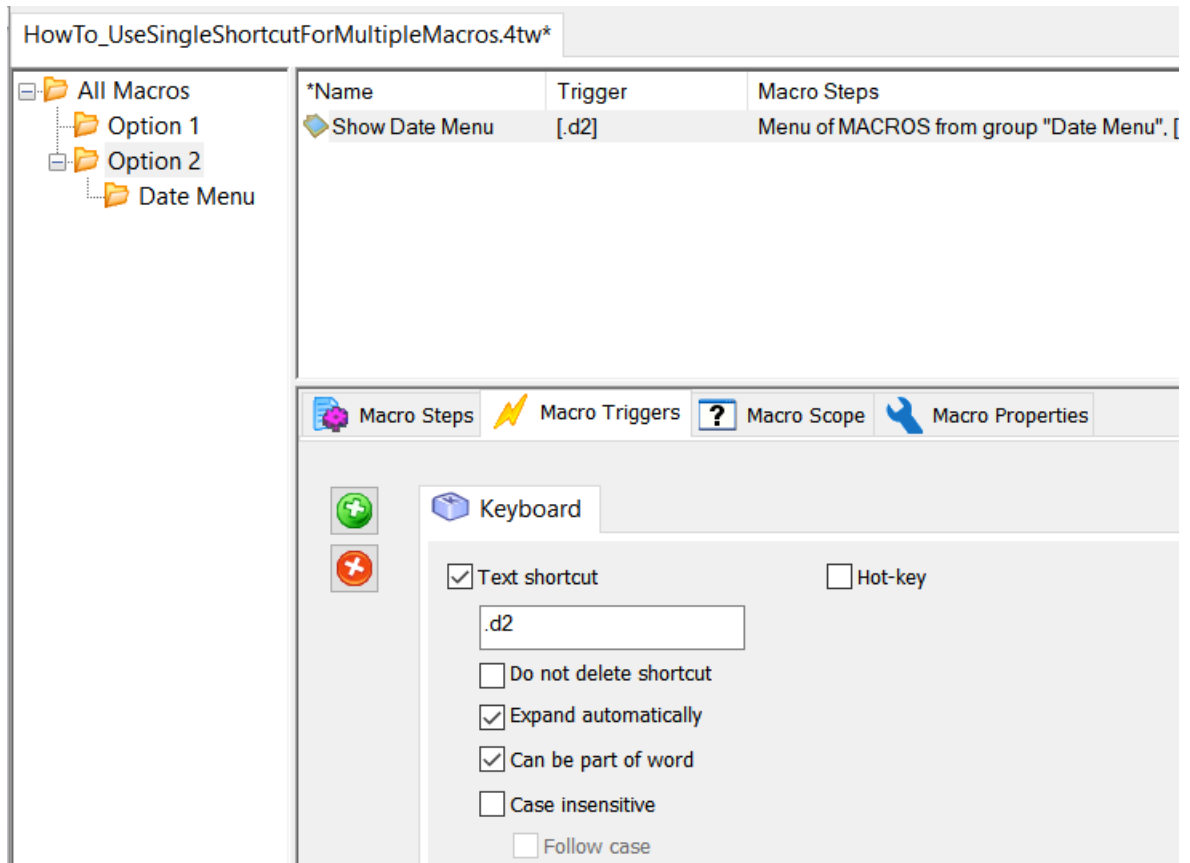
#	Parameter Name	Parameter Value
1	x	-1
2	y	-1
3	Macro group	<b>Date Menu</b>
4	Option	<b>Sort alphabetically</b>

Date Menu ←

Help

3	Macro group	Macros (name of the macro) from this group will show in the menu.
4	Option	Can be one of these values: 2 - default behavior. 3 - a prefix (1-9, a-z) is added before each macro name in the menu. This allows user to run macro by pressing the prefix key.  The macro menu is by default sorted alphabetically. If the +4 are added to the

5. Now we assign the macro text shortcut “.d2” and we are done:



6. Let's try them in Notepad. Minimize the Macro Toolworks (Perfect Keyboard) window and open Notepad window. Type .d1 in it:

