

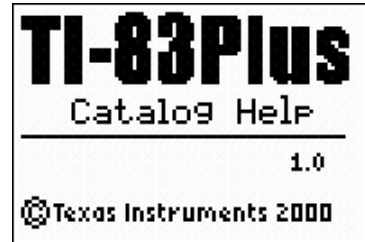
Catalog Help

CATEGORY

Help, Reference

DESCRIPTION

Catalog Help is a reference for all commands and functions that are available through the catalog menu and the function menus.

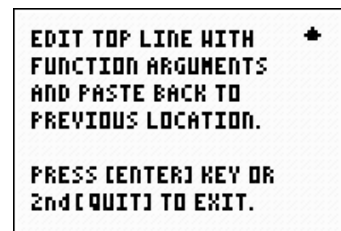
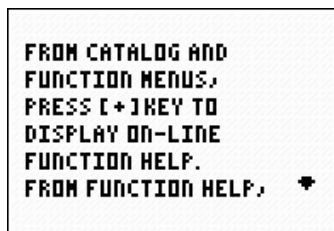


DIDACTICAL SUGGESTIONS

Although Catalog Help is primarily a reference tool, it may be used in didactical settings to have students explore the meaning of certain commands and functions. Another interesting didactical possibility is to have students explore what arguments are needed for certain functions and commands. Students can be asked to predict the arguments and to check their predictions with the application.

The Catalog Help application can be used as follows:

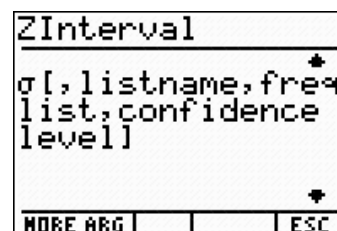
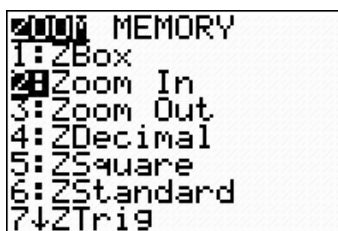
- From the catalog and function menus, you can use the [+] key to get help on the function or command. There is not always help available, so sometimes you may not get any help.
- When a function has arguments that are given in the help, you can edit these arguments and paste them back in the right location.



Example 1

Pressing [ZOOM] provides a menu for different zoom options on a graph. Choosing 2: Zoom In and then pressing [+], gives a text that says that no arguments are needed.

With the up and down arrow keys on the calculator, you can *walk* through the catalog (2nd[CATALOG]), and get the help for all the commands and functions. Press [Z] to go to the first function that starts with z. Then use the arrow down to go from ZBox to ZInterval to get help for the command Zinterval by pressing [+].



Example 2

After 2nd MATRIX you get the menu for matrix settings and calculations. After choosing 3:dim(from the MATH menu and pressing [+], you get the help about the needed arguments for the dimension function.

- Choose MORE ARG to get the option for setting the dimensions sizes and the name of the matrix.
- Next you can edit the arguments of this function on the top line and after [ENTER], this command will appear on the home screen.

NAMES EDIT 1:det(2:T 3:dim(4:Fill(5:identity(6:randM(7:↓argument(dim((listname) (matrixname) MORE ARG PASTE ESC	dim(length+dim(listname) MORE ARG PASTE ESC	(2,3)+dim([C1]) (rows,columns)+dim(matrixname) MORE ARG PASTE ESC	(2,3)+dim([C1]) (2 3) [C1] [[0 0 0] [0 0 0]]
----------------------------------------------------------------------------------------------	--------------------------------------------------------------	--------------------------------------------------------	-----------------------------------------------------------------------------	----------------------------------------------------------

Tangent((expression,value) PASTE ESC	Text() (row,column,text1,text2,...,textn) PASTE ESC	Time No arguments required for this item. PASTE ESC	T-Test μ0[, listname, freelist, alternative, drawflag] MORE ARG PASTE ESC	value Arguments selected from Graph screen with prompts. ESC
-----------------------------------------------	-------------------------------------------------------------	-------------------------------------------------------------	-------------------------------------------------------------------------------------	----------------------------------------------------------------------

POINT OF VIEW

This APP is very helpful to get a quick reminder of what the various commands and functions are about and more specifically what arguments in what syntax are needed. For students, Catalog Help is an easy reference card that can be used to encourage them to investigate various functions by exploring the syntax of the arguments.