

Catalina Option and Symbol Summary

Command	C sources	C library	Maths library	Propeller Platform	Propeller CPU	Memory Model	Loader Option	Kernel Option	Cache Option	Human/Machine Interface Option	Miscellaneous Options
(1)	(1 +)	(<= 1)	(<= 1)	(<= 1)	(<= 1)	(<= 1)	(<= 1)	(<= 1)	(<= 1)	(<= 1)	(0 +)
catalina	program.c	-lc -lci -lcix -lcx	-lm -lma -lmb	-D HYDRA -D HYBRID -D DEMO -D TRIBLADEPROP -D MORPHEUS -D DRACBLADE -D RAMBLADE -D C3 -D ASC -D CUSTOM	-D CPU_1 -D CPU_2 -D CPU_3	-D TINY -D SMALL -D LARGE	-D EEPROM -D SDCARD -D FLASH	-D ALTERNATE -D THREADED	-D CACHED_1K -D CACHED_2K -D CACHED_4K -D CACHED_8K -D CACHED	-D TV -D LORES_TV -D HIRES_TV -D VGA -D LORES_VGA -D HIRES_VGA -D PROPTERMINAL -D PC -D NO_HMI	-D NO_SCREEN -D NO_MOUSE -D NO_KEYBOARD -D PROXY_SCREEN -D PROXY_MOUSE -D PROXY_KEYBOARD -D PROXY_SD -D NTSC -D NO_INTERLACE -D CR_ON_LF -D NO_CR_TO_LF -D NON_ANSI_HMI -D CLOCK -D RESERVE_COG -D GRAPHICS -D SD -D NO_FLOAT

Other Command Line Options:

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-? or -h  print this help (and exit)
-b        generate a binary output file (this is the default)
-c        compile only (do not bind)
-B width  byte swap (used with -F, width = 2, 4, 8)
-d        output diagnostic messages
-D symbol  define symbol (e.g. -D HYDRA)
-e        generate an eeprom output file
-F format  convert output to another format (e.g. -F Intel)
-g[level] generate debugging information (default level = 1)
-I path    path to include files (default 'C:\Program Files\Catalina\include')
-k        kill (suppress) statistics output
-l lib     search library lib when binding
-L path    path to libraries (default 'C:\Program Files\Catalina\lib')

-M size    maximum memory size (use with -x)
-o name    name of output file (default is first file name)
-O[level] optimize code (default level = 1)
-P addr    address for Read-Write segments
-R addr    address for Read-Only segments
-S        compile to assembly code (do not bind)
-t name    name of dedicated target to use
-T path    path to target files (default 'C:\Program Files\Catalina\target')
-U symbol  undefine symbol (e.g. -U DEFAULT)
-v        output verbose information messages
-W option  option to pass directly to LCC
-x layout  use specified segment layout (layout = 0 .. 6)
-y        generate listing file

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NOTE:

- Not all symbols (or combinations of symbols) are valid on all platforms.
- Command line options and symbol definitions can appear in any order.
- CPU should only be specified on multi-CPU systems (e.g. Morpheus, TriBladeProp).