

## NAME

**"cc" is the C compiler executive.** It replaces cc1 and/or cc2, which come with the C compiler. cc is compatible with cc1 and cc2, but offers more features as well as running faster if you have a RAM drive.

## DESCRIPTION

"cc" invokes the appropriate phases of the C compiler in order to compile C source programs. **This version is configured to use the two-pass Level 1 version of the compiler, and to use RMA and RLINK as the last two passes. It also puts temporary files in the first of /R, /R0, /DD/TMP, whichever it finds first.** If you need to reconfigure cc, instructions are contained in the file "read.me".

## OPTIONS

- a Suppress assembly. Leave output in ".a" file.
- A Run ansifront for ANSI-C processing.**
- b=<path> Use <path> as the mainline module. **/dd/lib/cstart.r** is the default if <path> is left off or this option isn't used.
- c Include C source & comments as comments in assembly code.
- d<NAME> Equivalent to #define <NAME> 1 in the preprocessor.
- d<NAME>=<STRING> is equivalent to #define <NAME> <STRING>
- e=n Set edition number to n.
- f=<path> Use <path> as the output filename. Filename part of <path> is used as the module name unless overridden with -n.
- g Use **/dd/lib/getopt.r** instead of CLIB function.
- l=<path> Use <path> as a library during link phase.
- lg Same as "**-l=/dd/lib/cgfx.1**" (graphics library)
- ll Same as "**-l=/dd/lib/lexlib.1**" (lexical library)
- ls Same as "**-l=/dd/lib/sys.1**" (systems library)
- m=n Instruct linker to add n pages to program's data size.
- m=nk Instruct linker to add n kilobytes to program's data size.
- M Request Linker to generate a linkage map.
- n=<name> Use <name> as the module name.
- N Use native mode assembler r63 in place of rma**
- o Skip optimization pass.
- O Stop after optimization.
- P Same as "**-p -l=/dd/lib/dbg.1**".
- p Invoke the execution profiler.
- q Quiet mode (put all output in the file c.errors).
- r Suppress linking. Stop at .r file.

- r=<dir> Suppress linking. Stop at .r file, putting .r's in <dir>
- s Don't include stack checking code in the program.
- S Ask linker to generate a symbol table.
- t Use transcendental library clibt.l INSTEAD of normal clib.l.
- T Put temporary files in the current directory.
- T=<dir> Put temporary files in <dir>. Without this option, cc puts temporary files in the first of /R, /R0, or /DD/TMP which exists. (They are looked for in that order.)**
- V Show version number.
- w Waste this compile as an error check. Don't generate any object.
- x Use current data directory for main library.
- z Print, but do not execute, the compilation commands.

#### AUTHORS

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