```
                                $
                                |
    ┌───────────┬───────────────┼───────────┬───────────┬───────────┐
  [Clib]    [Conversion]    InstallHD   InstallNET  [library]  [RISC_OSlib]
    |            |                                      |           |
 ┌──┴──┐        [c]                                   Link     ┌────┴──────┐
[h]   [o]    ┌───┴───┐                                        [o]      Templates
 |     |   toansi  topcc                                       |
assert │                                                   RISC_OSlib
 . . . │
time   │
       │
  ┌────┼────┬─────────┬────────┐
AnsiLib AnsiLib_A ArthLib_A Arthurlib Stubs
```

C Release 3: Disc 2

Acorn
The choice of experience.

C compiler options

-help	help on command syntax
-arthur	add Arthur library
-pcc	compile portable C compiler C
-fussy	strict conformance to conventions
-list	create listing file

Controlling the linker

-c	don't perform link step
-l libs	use specified library

Controlling the pre-processor

-Ipath	add directory to search locations
-j dirs	override system include path with directories specified
-E	execute pre-processor phase only
-C	retain comments in output
-zpmod	emulate #pragma directives
-Dsym	define sym as pre-processor macro
-Usym	undefine sym

Controlling code generation

-gmods		generate debugging tables:
	f	functions and top-level variables
	l	line information
	v	variable information
	a	all the above
-o file		store output in file
-p		allow profiling
-S		write assembly listing

Controlling warning messages

-Wmod		suppress warnings about:
	a	= in condition context
	d	old-style declarations
	f	inventing external function
	n	implicit narrowing cast
	v	return in non-void context

Controlling other compiler features

a	check for data flow anomalies
c	enable 'limited pcc' option
e	check external names are unique
f	don't embed functions in code area
h	check 'modular programming' features
i	list #include lines
k	use K&R include search rules
m	symbols defined but not used
p	explicit casts of integers into pointers
u	list expanded source code
v	report on unused declarations
w	allow writeable string literals
x	warn about short ints and enums

Linker options

-h[elp]	print a screen of help text
-o[utput]	linked output file
-d[ebug]	include debugger tables
-rm[f]	generate rmf image
-ov[erlay] file	generate overlaid image
-via file	obtain (further) input file names
-v[erbose]	print messages indicating progress
-map	create map of linker areas
-x[ref]	list references between linker areas
-ai[f]	generate AIF image (default)
-ao[f]	generate partially linked AOF output
-bi[n]	generate plain binary image
-m[odule]	synonym for -rmf
-w[orkspace] n	reserve n bytes of workspace
-en[try] n	set image's entry point to n
-c[ase]	make matching of symbols case insensitive
-b[ase] n	set base address for output file to n
-r[elocatable]	generate relocatable output file
-db[ug]	(obsolescent) generate output for use with Dbug program.