

THE COMPLETE RAINBOW GUIDE TO

OS-9

2 Disk Set

By Dale L. Puckett
and Peter Dibble

To accompany THE COMPLETE RAINBOW GUIDE TO OS-9,
published by Falsoft, Inc.

THE RAINBOW GUIDE TO OS-9 DISKS

A two-disk package containing the complete programs and listings from the book, *THE COMPLETE RAINBOW GUIDE TO OS-9* — the most comprehensive publication available for the Color Computer's multitasking operating system. From the publishers of *THE RAINBOW*, The Color Computer Monthly Magazine.

\$31.00

The Rainbow Bookshelf™



DOCUMENTATION

The Rainbow Guide to OS-9 Disks include all of the programs from the book *The Complete Rainbow Guide To OS-9*, written by Dale L. Puckett and Peter Dibble for The Rainbow Bookshelf. Also included on Disk I are some bonus programs not contained within the book. All of the programs are ready to run by using the following information in conjunction with the instructions included in the book.

File Conventions

The programs are supplied on two 35-track, double-density, Color Computer OS-9 formatted diskettes. Programs from chapters 16 through 31 are on Disk I. Disk II contains the programs from workshops 1 through 7.

As per the normal standard for OS-9 disks, directories are noted by uppercase names and files by lowercase. If you are using the disk for the first time, be sure to use the command `tmode -upc` to enable the upper/lowercase display on your Color Computer.

Files follow these conventions:

DIRECTORY — Uppercase Name

program (no extension) — Executable program module

program09 — BASIC09 text file

program.c — C text file

program.a — Assembly text file

In general, you will see the program listed twice for C and assembly language programs: once for the text file, and once for the executable program. C programs were compiled using the Microware C Compiler on a Color Computer. Assembly language files were assembled using the Microware `asm` command.

BASIC09 programs are supplied in text form only, as the run-time module, `runb`, is required for the proper execution of I-code, or packed modules. These programs can easily be converted to executable modules by using the `pack` command supplied with BASIC09.

The programs in Chapter 16 are procedure files. Procedure files can be executed directly by the OS-9 operating system. As some of these procedures modify your system, check the book before you experiment.

The programs in Chapter 31 are for a Level II system and only the text files are included on the disk. The listings in workshops 5 through 7 are for reference only, and do not include executable modules that would normally accompany them.

If you care to try compiling or assembling these programs on your own, use the following procedures.

Assembly Programs

1. Make a backup of your OS-9 System Disk.
2. Copy the Assembly Language text file (program.a) to your working directory.
3. Use the command `asm #16K program.a o` to assemble the text file.
4. The executable module (program.a) will be placed in your current execution directory. Rename the program if you wish to distinguish it from the text (source) file.

BASIC09

1. Make a copy of BASIC09 according to the instructions in the BASIC09 manual.
2. Boot OS-9 and then execute `basic09 #16K`.
3. Use the command `load /pathlist/program09` to load the program into the BASIC09 work space.
4. At this point you can run the programs, but if you want to compile them into I-code use the command `pack* /pathlist/program`, where `/pathlist` is normally your current execution directory.
5. Copy the `runb` module on your BASIC09 system disk to the same execution directory.
6. Run the module from OS-9 by executing the command `program`.

Summary

All of the program modules, with the exception of those from Chapter 31, run on a standard 64K Color Computer with two 35-track drives. We hope you enjoy these programs and *The Complete Rainbow Guide to OS-9*.

DISK DIRECTORIES

DISK I

Program	CHAPTER 16 Type	Page
<code>bootlist1</code>	Procedure File	147
<code>change_disk</code>	Procedure File	156
<code>del_procedure</code>	Procedure File	154
<code>make_new_sys</code>	Procedure File	151
<code>new_sys_bootlist</code>	Procedure File	152
<code>trim_boot</code>	Procedure File	146
	CHAPTER 18	
<code>crypt</code>	Assembled Module	191
<code>crypt.a</code>	Assembly Source	191
<code>d1</code>	Assembly Module	192
<code>d1.a</code>	Assembly Source	192
	CHAPTER 19 (BASIC09)	
<code>aceydeucy09</code>	BASIC09	205
<code>coinflip09</code>	BASIC09	199
<code>decimaltobinary09</code>	BASIC09	203
<code>esp09</code>	BASIC09	201
<code>newstrip09</code>	BASIC09	212
<code>new_hex_dump09</code>	BASIC09	213
<code>numberguess09</code>	BASIC09	198
<code>powersoftwo09</code>	BASIC09	201
<code>primenumbers09</code>	BASIC09	203
<code>quiz09</code>	BASIC09	208
<code>regular_deposits09</code>	BASIC09	210
<code>splitwords09</code>	BASIC09	214
<code>temperature09</code>	BASIC09	209

	CHAPTER 19 (C)	
cat	Compiled Module	219
cat.c	C Source	219
d	Compiled Module	223
d.c	C Source	223
f	Compiled Module	225
f.c	C Source	225
frep	Compiled Module	227
frep.c	C Source	227
pr	Compiled Module	218
pr.c	C Source	218
spint	Compiled Module	220
spint.c	C Source	220
uplow.c	C Source	221
uplow	Compiled Module	221
wc	Compiled Module	217
wc.c	C Source	217
	CHAPTER 21	
rabbit	Assembled Module	260
rabbit.a	Assembly Source	260
sigtrap	Assembled Module	265
sigtrap.a	Assembly Source	265
	CHAPTER 27	
dirdump	Assembled Module	277
dirdump.a	Assembly Source	277
	CHAPTER 31	
getmdir	Assembly Source	316
getsystem	Assembly Source	317
	BONUS PROGRAMS	
	(Not included in book)	
spint	Assembled Module	
spint.a	Assembly Source	
uplow	Compiled Module	
uplow.c	C Source	
splif	Compiled Module	
splif.c	C Source	

DISK II

Program	WORKSHOP I Type	Page
cookie	Assembled Module	328
cookie.a	Assembly Source	328
daemon	Compiled Module	333
daemon.c	C Source	333
daemon.com.a	Assembly Source	336
daemon.h	C Source	333
peekdaemon	Compiled Source	339
then	Compiled Module	336
then.c	C Source	336
	WORKSHOP 2	
getnote.a	Assembly Source	344
getnote	Assembled Module	344
note09	BASIC09	342
notebook.a	Assembly Source	347
notebook	Assembled Module	347
	WORKSHOP 3	
more	Assembled Module	350
nice	Assembled Module	354
more.a	Assembly Source	350
nice.a	Assembly Source	354
	WORKSHOP 4	
null.a	Assembly Source	360
null	Assembled Module	360
	WORKSHOP 5	
acia.a	Assembly Source	363
	WORKSHOP 6	
mcia.a	Assembly Source	371
	WORKSHOP 7	
dtc.driver.a	Assembly Source	383
	DEFS	
defslst	Procedure File	328
defsfle	Procedure File	328

WARRANTY INFORMATION:

If this product should fail to load during the first 90 days of use, simply return the ORIGINAL disk, along with a copy of the receipt, for a free replacement. If this program fails to load after the 90-day warranty, just send your ORIGINAL disk, along with \$10 (to cover shipping and handling), and we will repair or replace it at our option.

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