Real-Time and Systems Programming for PCs
Christopher Vickery
McGraw-Hill, 1993

This is a list of errors found in the first printing of the book, *Real-Time and Systems Programming for PCs* by Christopher Vickery. (McGraw-Hill, 1993). I am offering a "bounty" of $1.00 to the first person who reports each error. Submit errors to me by email: `vickery@ipc1.cs.qc.edu`.

There are two copies of this document, a plain text file (`errata.txt`) and a PostScript file (`errata.ps`). The advantage of the latter is that it shows the desired fonts to be used as well as the content.

This list was last updated on October 27, 1993

Title Page

Add author's affiliation under author's name: "Queens College of CUNY"

Dedication (page missing)

"This book is dedicated to the memory of my father, Roger P. Vickery."

Introduction

xi: Line 1. Change "and little discipline existed" to "and little discipline have existed"

xii: End of second paragraph. Add "Stevens (1990), " after "Rochkind (1985), ".

xiv: Second full paragraph line 11: add footnote 1 after "guaranteed to do so." Footnote text to read "Readers may obtain a copy of all code from this book as well as related files by anonymous *ftp* from `ipc1.cs.qc.edu` or by sending a diskette to the author at Computer Science Dept., Queens College of CUNY, Flushing, NY 11367-0904.

Chapter 1

13: Change the entire text for footnote 2 to read "See note in the Introduction."

Chapter 2

35: Line 18. Change "eight" to "seven".

37: Delete "the" from the phrase "but the less memory" in line 1.

38: Line 24 (command line [17]). Change "#3" to "#2".

40: Line -11. Change "`:configilang386.als`" to "`:config:lang386.als`".

43: Line 1. Change "Instet ad" to "Instead".

48: Line 14. Change "`sd:`" to "`:sd:`".

Chapter 3

67:   The footnote should be number 1 rather than an asterisk, and all other footnote numbers in the chapter should be incremented by one. Change the entire text for the footnote to read "See note in the Introduction."

69:   Insert "`3.5.`" before each digit in brackets on this page. Sentence two of the first full paragraph thus starts "Lines [3.5.1] and [3.5.2] of the figure use the editor ..." There are six changes in this paragraph and six changes in Figure 3.5.

73:   Change [3] to [3.5.3] two places in lines 4-5 from bottom of the page.

77:   Change [3] to [1] at the end of para 2 of section 3.4.3.

77:   Para 3 of section 3.4.3. "*Aedit* running on <u>some early versions of DOS</u> does not support this form of command line. If you try it, only `hello`<u>`rmx`</u>`.lst` will be loaded for editing and you will have to use the command sequence `other, quit, init` to load `hello`<u>`rmx`</u>`.plm` into ..."

81:   Top of page. Change [4] to [3.5.4]. Delete the sentence, "Note that this is the same [4] as in Figure 3.5."

81:   Change [5] to [2] and [6] to [3] on lines 11 and 15 respectively.

81:   Line 11. Change "**iRMX<**" to "**iRMX>**".

86:   Line -1. Change "consants" to "constants".

90:   Change [6] to [4] and [7] to [5] on lines 12 and 15 respectively.

91:   Line 4. Change "`l$endif`" to "`$endif`". Better yet, substitute the following code for the listing that starts at the end of page 90:

```
;ESUBMIT version of "compile,load,go"

$reset eok
$reset quit

$ifexist %0.plm
run86 -fixplm /intel/bin/plm386.exe %0.plm compact debug
$if not commandexcep = eok
$set quit
$endif
$endif
$ifexist %1.plm
run86 -fixplm /intel/bin/plm386.exe %1.plm compact debug
$if not commandexcep = eok
$set quit
$endif
$endif
$ifexist %2.plm
run86 -fixplm /intel/bin/plm386.exe %2.plm compact debug
$if not commandexcep = eok
$set quit
$endif
$endif
```

```
$if not quit
run86 /intel/bin/bnd386.exe %0.obj, &
$ifexist %1.obj
 %1.obj, &
$endif
$ifexist %2.obj
 %2.obj, &
$endif
      :sd:rmx386/lib/rmxifc32.lib rc(dm(0,0FFFFFFFFh))
                        ss(stack(8192)) &
 rn(code32 to code)
$endif
```

Then change the last sentence before the listing on page 90 from "either one or two" to "up to three".

92: Change [8] to [6] and [9] to [7] on lines 21 and 37 respectively.

93: Change [10] to [8] on line 25.

98: Change [11] to [9] on line 34.

99: Change [12] to [10], [13] to [11], and [14] to [12] on lines 6, 8, and 11 respectively. Change [12] to [10] and [13] to [11] on line 7. Change (agr[Q]) to (argv[0]) on line 14.

100: Line 4. Change [15] to [13].

Chapter 4

130: Change "#pragma noalign (dosub)" to "#pragma fixedparams (dosub)" in both Fig. 4.14 and Fig. 4.15. Change "Fig. 4.10" to "Fig. 4.9" in the caption for Fig. 4.15. Change "extern unsigned char *prompt;" to "extern unsigned char prompt[];" in Fig 4.15.

Chapter 5

154: Add "Reprinted by permission of Intel Corporation, © Intel Corp. 1989." to the caption for Figure 5.5.

165: Line 25. Change "VM886" to "VM86".

Chapter 6

208: Line 8. Change "exists" to "exits".

Chapter 7

226: Line 17. Change "certain are 16-bit" to "certain 16-bit".

Chapter 9

343: Line 8. Do not italicize the word "system."

Appendix B

531:   Line 13. Change "`<esc]>`" to "`<esc>]`"

Appendix C

543:   Line 19. Change "`<\Z`" to "`<^Z>`"

Index--Change "I/O" to "IO" in many places:

There are many incorrect insertions of a slash between the capital letters I and O throughout the Index.

584:   Change BI/OS to BIOS four places, and cancelI/O() to cancelIO() one time.

586:   Change BI/OS to BIOS one time, EI/OS to EIOS one time, and I/ORS to IORS one time.

588:   Change BI/OS to BIOS two times.

589:   Change BI/OS to BIOS one time and finishI/O() to finishIO() one time.

590:   Change initializeI/O() to initializeIO() one time, BI/OS to BIOS one time, EI/OS to EIOS three times, and I/ORS to IORS one time.

596:   Change EI/OS to EIOS one time

600:   Change EI/OS to EIOS two times, VERSI/ON to VERSION one time, BI/OS to BIOS one time, I/ORS to IORS one time, and queueI/O() to queueIO() one time.

601:   Change BI/OS to BIOS one time and EI/OS to EIOS one time.

602:   Change BI/OS to BIOS one time. Change systeminitializeI/O to systeminitializeIO one time.

603:   Lines 15-18 change I/O() to IO() 4 times. Change BI/OS to BIOS one time, VERSI/ON to VERSION one time.

Index--Other Changes

585:   Second column, line 11. Change CICS to CISC.

586:   First column, line 27. Change the page number from 560 to 562.

586:   First column, line 28. Change "mailboxes" to "mailbox." Add pages 404-406 for deletion mailbox.

596:   Second column, line -5. Change R?CU@YRR$APP to R?CURR$APP

597:   First column, line 7. Change CICS to CISC.

598:   Second column, line 17. Change the page number from 541 to 542.