SOFTWARE BULLETIN INDEX

Software Bulletin Number	Date	Subject
1	03/16/86	For:Pro O/S, SMC Basic
2	03/19/86	For:Pro O/S, cp command
3	04/28/86	Tape Streamer, multi-volume backup
4	04/28/86	For:Pro O/S, 1.8.1.1
5	04/28/86	For:Pro O/S, cp -B option
6	04/28/86	SMC Basic, Can't print on LAN printer
7	04/28/86	For:Pro O/S, fsck
8	04/28/86	Extended HP Printer Interface, printing legal size documents
9	04/28/86	Extended HP Printer Interface, printer will not work after s/w is installed
10	04/28/86	Fortune:Link, remote printer won't work
11	04/28/86	Fortune:Link, unexpected disconnect
12	04/28/86	Fortune:Link, can't connect to host
13	04/28/86	Tape Streamer, moving PIO board
14	05/29/86	For:Pro Basic, unreable text
15	05/29/86	Fortune released software, current
16	05/29/86	For:Pro O/S, cp command with -B, multi-volume backup (1.8.1.1)
17	01/30/87	For:Pro/PC O/S, format command won't work with Compaq portables
18	02/15/87	Fortune 32:16 released s/w, current
19	02/25/87	Fortune Formula released s/w, current
20	03/17/87	Software Upgrades
21A	04/29/87	HP Laser Jet and Multiplan, won't print in 16.66 pitch
22B	04/29/87	Basic 6.5.12 and Basic4 to Fortune conversion, installs but doesn't work
23	03/19/87	For:Pro O/S (2.0) and cp -B option
24	03/19/87	Fortune 32:16 released s/w, current
25	03/23/87	For:Pro 2.0, shutdown command
26	03/25/87	Fortune:Word 3.0, installation
27	04/05/87	Fortune:Word 3.0, footnote processing
28	04/05/87	Fortune:Word 3.0, footnote processing
29	04/05/87	Fortune:Word 3.0, footnote, forms processing
30	04/05/87	Tape Streamer, 4.0 diagnostics, failure of Test 7
31	04/30/87	Fortune 32:16 released s/w, current
32	04/30/87	Fortune Formula released s/w, current
33	05/01/87	Micro Focus Cobol ET, missing file error status
34	05/01/87	Micro Focus Cobol ET, Comp-3
35	05/01/87	Micro Focus Cobol ET, CRT display timing problem
36	05/15/87	Fortune:Word 3.0, search function
37	05/15/87	Fortune:Word 3.0, terminal hangs
38	05/29/87	Formula/SCSI SXT Tape.
39	06/01/87	Fortune 32:16 released s/w, current
40	06/01/87	Fortune Formula released s/w, current
41	06/30/87	Printcap, 8-bit output
42	06/30/87	SNA 3270 installation script changes
43	06/30/87	Basic 6.5.12, CHR function
44	07/31/87	32:16 released software, current
45	07/31/87	Formula released software, current

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: SMC Business Basic For:Pro Operating System **Revision:** 1.4 and below / 1.8 and above **SB #** 1

Description:
After converting to alternate console, printing from BASIC produces text which is unreadable. Or printing from BASIC prints on the console instead of the printer.

TYPE
Mandatory
As Required
Revision Change
Rework
Documentation
Information

Issue Date 3-16-86
New Issue
Replaces #
Originator
Approved

Corrective Action:
The baud rate specified for tty01 in the configuration menu is the default baud rate for all ports. Since tty01 is now the console, all printers will print at the same baud rate as the console. This is only true when printing from BASIC. This procedure allows the user to set the printer ports to the baud rate that is necessary for proper printing.

Text will appear on the console if a printer was once connected to tty01. BASIC prints to tty01 by default, but now tty01 is the console. This procedure will change the default printer port to the new port that the printer is connected to.

PROCEDURE:

1 Log onto the system as root.

2 **cd /m/rc** <RETURN>

3 **ls** <RETURN>

NOTE: If there is a file called menu.rc then continue to step 4, otherwise skip to step 8.

4 **ed menu.rc** <RETURN>
(The system will respond with the number 46.)

5 **s/01/xx/g** (substitute the printer port number for xx) <RETURN>

6 **w** <RETURN>
(This system will respond with the number 46.)

7 **q** <RETURN>

8 **ed tty.rc** <RETURN>
(The system will respond with '?tty.rc'.)

9 **a** <RETURN>

10 **stty (baud rate) savemodes>/dev/ttyxx** <RETURN>

11 . <RETURN>

12 **w** <RETURN>
(The system will respond with the number 31.)

13 **q** <RETURN>

14 Now shutdown and bring the system back up and the printer should work as it did before.

The procedure is now complete.

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: cp Command For:Pro Operating System **Revision:** 1.8.1 and below **SB #** 2

Description:

Multi Volume Backup (cp with -B option) can fail with any of the following messages:

```
/tmp/part00:  file system full
/tmp/part00:  write failed, file
    system full
cp:  write: no space left on device
umount:  something/one else using
    /dev/fd02, can't umount
cp:  could not complete backup of
    this volume, Retry.
```

TYPE

Mandatory
As Required
Revision Change
Rework
Documentation
Information (circled)

Issue Date 3-19-86

New Issue (circled)
Replaces #

Originator

Approved

Corrective Action:

This error occurs when the 'mkfs' command fails, and the new volume of the backup is not cleared before it is mounted by the cp utility for use.

It occurs most often when the <RETURN> key is hit just as the floppy door is closed, but it has occurred in other circumstances as well. In all cases, the problem seems to be that the diskette was not cleared before copying began.

The cause of the failure is under investigation, and until a permanent fix is found the Support Center recommends that all disks to be used in the multi-volume backup procedure be cleared with 'mkfs' prior to beginning the backup process. The following shell script will clear diskettes without going through the entire format procedure, and takes about 10 seconds per disk to run.

```
: Clear Flexible Disks
while
    echo -n 'Please insert a flexible disk and press <RETURN> '
do
        read return
        /etc/mkfs /dev/fd02 790 1 10
done
```

Complete directions for creating this shell script are on page 3.

After all the disks are cleared, press the <CANCEL/DEL> key to exit. Use the cleared disks for the backup procedure.

Recovery from the problem can be accomplished using the following procedure:

Cancel from the copy process at the <RETURN> prompt.

From the global menu type: **!umount /dev/fd02** <RETURN>

The backup can be restarted using the (cp -C) option, or the entire copy process can be run again. To determine where to restart the copy, look at the __part__ file on Volume 1 of the backup. This file serves as a table of contents for the entire backup. The __part__ file uses the following notations:

* The leftmost number is the backup volume number.
* The next field contains one of the following letters:

d = directory
r = ordinary file
b = block device
c = character device
* = beginning of a split file
- = continuation of a split file

To read the __part__ file, login as root, insert Volume 1 of the backup, and type:

mount /dev/fd02 /f <RETURN>.
more /f/__part__ <RETURN>

To identify where to restart the copy, select a volume that does not begin with a dash (-). After determining the restart volume number, type :

umount /dev/fd02

To restart the copy, enter the following command line:

cp -B[options]XC /dev/fd02 790 vol# directory/filename

where **vol#** = the volume number for the restart, and directory/filename is the directory or filename specified during the original copy. Use the same backup options as original copy command, with the addition of the 'C' flag for continuation.

For Example, if the copy process were terminated on volume number 6, it would be necessary to restart on volume number 5 unless volume 5 began with a dash (-), in which case restart would begin on the first volume prior to 5 which did not start with a dash (-).

The system will prompt for volume 1, then for the volume specified in the cp command.

Creating the 'Clear Flexible Disk' shell script

User actions are in boldface, system responses are in regular typeface.
<RETURN> and <TAB> represent the keyboard return and tab keys.

Login to the system as root, then:

```
# ed /usr/bin/cflex
?/usr/bin/cflex
a <RETURN>
: Clear Flexible Disks <RETURN>
while <RETURN>
echo -n 'Please insert a flexible disk and press return ' <RETURN>
<TAB> do <RETURN>
<TAB> read return <RETURN>
<TAB> /etc/mkfs /dev/fd02 790 1 10 <RETURN>
<TAB> done <RETURN>
.<RETURN>
w<RETURN>
###       (Note: This is the byte count for the file)
q<RETURN>
# chmod +x /usr/bin/cflex <RETURN>
# exit <RETURN>
```

The shell script is now ready for use. Type '!cflex' from the Global Menu prompt to run the script and clear flexible disks.

Note: This script does not format disks! All disks must be formatted before their first use.

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: Tape Streamer Multi volume restore **Revision:** 1.1 and 1.2 **SB #** 3

Description:

Multi volume restore fails at the end of volume 1 with "unable to read far_file" message.

TYPE	Issue Date
Mandatory	
As Required	New Issue
Revision Change	Replaces #
Rework	Originator
Documentation	
Information	Approved

Corrective Action:

Some SX machines when used with tape streamer 1.1 or 1.2 software will appear to perform multi volume backups without error, however any attempt to restore will result in a "unable to read far_file" message at the end of the first volume. This will occur with either an expansion box tape or 3 in 1 configuration and is related to timing differences on some mother boards. The failure is due to an incomplete tape mark at the end of the tape although the user data is intact. This problem does not occur with 1.2.1 software.

Diagnosis:

Was backup made on an SX? (does not occur on XP)

Did tape streamer software 1.1 or 1.2 release create this backup? (NOT 1.2.1 or subsequent)

Did multi volume restore fail at the end of volume 1 with "unable to read far_file" message?

If the answer is yes to all questions, the tapefix program will be able to complete the volume information on these tapes.

Important Hardware Note:

This program will only run on machines that have a 9-track (60 Mb.) tape drive. Currently, only 3-in-1 SX machines have this drive. It can repair tapes made on a 4-track (20 Mb.) drive but it MUST be run on a 9-track drive

Procedure:

Obtain the tapefix program from the Support Dept. Electronic Bulletin Board.

Copy the tapefix program to /tmp

Insert the tapes of the multi-volume set into the tape drive in any order.

From UNIX type /tmp/tapefix (no user input required)

Repeat procedure for each tape in this series.

Restore tapes with normal tape menu procedure.

Tapefix program messages:

The tapefix program will generate the following messages as it runs:

1. success opening drive for a write

   Found tape in drive.

2. We're now skipping to the end of data...

   Advancing tape to the end of user data

3. [success/failed] [SKIP/STIOC_STAT/STEOF] ioctl

   Diagnostic of input/ouput control; should never fail. Contact support for further information if this fails.

4. The end of tape data has just been reached.

5. A File Mark has just been written to your tape. Your tape can now be successfully restored using far.

   Tapefix has completed successfully. Proceed with normal restore.

6. error on close

   Diagnostic produced when error occurs on final close; should not occur. Contact support for further information if this fails.

FORTUNE SYSTEMS PRODUCT SUPPORT

Software Bulletin

Product: FOR:PRO 1.8.1.1 **Revision:** INTERNATIONAL UPDATE **SB #** 4

Description:

System will auto re-boot if not powered off within 5 seconds after the message "Please Turn the Fortune Systems 32:16 off" is displayed.

TYPE	Issue Date
(Mandatory)	4/28/86
As Required	New Issue
Revision Change	Replaces #
Rework	Originator
(Documentation)	DSB
Information	Approved

Corrective Action:

If system is at the date and time screen after a shutdown, the system has re-booted. A complete shutdown should be run again before the machine is powered down.

Turn off system immediately after the message "Hardware shutdown complete" is displayed.

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: FOR:PRO Operating System **Revision:** All **SB #** 5

Description:
If you are using the mutlivolume copy (cp -B) option and you cancel out of the process, or if the process aborts, refer to pages 10-11 of the FOR:PRO 1.8 release letter or follow the procedure below to restart the copy.

TYPE
Mandatory
As Required
Revision Change
Rework
Documentation
Information

Issue Date 4/28/86
New Issue
Replaces #
Originator mlb
Approved

Corrective Action:

Insert Volume 1 of the backup and read the __part__ (i.e., two underscores are before and after "part" in the filename) file. This file serves as a table of contents for the entire backup. The leftmost number displayed is the backup volume number. The next field displayed contains one of the following characters:

d = directory
r = ordinary file
b = block device
c = character device
* = beginning of a split file
- = continuation of a split file

To identify where to restart the copy, select a volume that does not begin with a dash (-). A dash indicates the continuation of a split file between volumes. For example, if you aborted the backup on volume 5, but the second character displayed for volume 5 is a dash, you would begin the backup with volume 4. (Refer to pages 10 and 11 of the FOR:PRO 1.8 release letter for an example).

PROCEDURE:

1. Insert Volume 1 of the backup into the floppy drive.

2. **mount /dev/fd02 /f** <RETURN>

3. **more /f/__part__** <RETURN>

4. To restart the copy, enter:

   cp -BrostXC /dev/fd02 790 vol# / <RETURN>

   where vol# is the number of the volume for the restart.
   (The system responds with "Please insert volume 1. Press <RETURN> when ready or <CANCEL> to quit").

5. Insert Volume 1. After you insert Volume 1, your backup will resume with a prompt to insert the volume you requested to restart the backup.

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: SMC Business Basic **Revision:** 1.4 and below **SB #** 6

Description:
Cannot print from Business Basic onto a local area network (LAN) printer.

TYPE
Mandatory
As Required
Revision Change
Rework
(Documentation)
Information

Issue Date
4/28/86

New Issue
Replaces #

Originator
mlh

Approved

Corrective Action:

The current version of BASIC does not use lpr to print documents. In order to print from BASIC, a printer must be on the same system. A future release of BASIC will use lpr to print.

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: FOR:PRO Operating System **Revision:** All **SB #** 7

Description:
When fsck is executing, if it cannot obtain enough memory to keep its tables, the system will prompt the user for a scratch filename.

TYPE	Issue Date
Mandatory	4/28/86
As Required	New Issue
Revision Change	Replaces #
Rework	Originator
Documentation	mlb
Information	Approved

Corrective Action:

If fsck does not obtain enough memory to keep its tables, it requires the use of a scratch file. The fsck command has a -t option that provides for the name of a scratch file if needed. If the fsck command was issued without the -t option, then the system will prompt the user to enter the name of a scratch file.

Respond with a filename that is not on the file system being checked. The file will be removed when fsck completes.

When fsck requires a scratch file the following message will display:

```
needs scracth file
filename =
```

Enter a scratch filename after the equals (=) sign.

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: Extended HP Printer Interface **Revision:** 1.0 **SB #** 8

Description:

After installing HP Laserjet software, laser printer will not print legal sized documents (8-1/2 x 14").

TYPE	Issue Date
Mandatory	4/28/86
As Required	New Issue
Revision Change	Replaces #
Rework	Originator
Documentation	Approved
Information	

Corrective Action:

Entries in the /etc/printcap and /usr/lib/wheels/hp.whl files need to be edited to enable printing on legal size (8-1/2 x 14") paper.

1. Line 3 of the printcap file needs to be edited. The line in the printcap file currently reads as follows:

```
:is=\E&l2e7.6c66F\E&s0C:\
```

Insert \EE after the = sign so that the line reads as follows:

```
:is=\EE\E&l2e7.6c66F\E&s0C:\
```

2. Line 12 of the /usr/lib/wheels/hp.whl file also needs to be edited. The line currently reads as follows:

```
+init "\E&l0o136p134F\E(8U\E(s0p10h10v0s0b5T"
```

Replace the line with the following:

```
+init "\E&l84p00\E(8U\E(s0p10h12v0s0b3T"
```

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: Extended HP Printer Interface **Revision:** 1.0 **SB #** 9

Description:

After installing HP Laserjet software, the laser printer will not print. The printer control menu shows the job printing but there is no printout.

TYPE	Issue Date
Mandatory	4/28/86
As Required	New Issue
Revision Change	Replaces #
Rework	Originator
Documentation	cf
Information	Approved

Corrective Action:

First, eliminate a hardware malfunction as a possible cause of the problem. Be sure that the cabling and system configuration for the printer are correct and run the printer self test. If hardware functions, follow the procedure below to check the printcap file and make sure that there is only ONE entry for the HP Laserjet.

PROCEDURE:

1. Log onto the system as root.
2. **cd /etc** <RETURN>
3. **ed printcap** <RETURN>
   (System will respond with a number representing how many characters are in your file.)
4. **g/Hewlett/gp** <RETURN>
   (Displays how many entries in printcap file.)
5. If more than one line displays in step 4 above, remove the printcap file and copy the printcap file off of the Single User For:Pro Volume 1 diskette. Then re-install the Extended HP Laserjet software.
6. If only one line is displayed in step 4 above, contact your Fortune representative for assistance.

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: Fortune:Link Remote printer won't work **Revision:** _____ **SB #** 10

Description:

Remote printer(s) will not work after installation or reinstallation of Forune:Link

TYPE	Issue Date
Mandatory	4/28/86
As Required	New Issue
Revision Change	Replaces #
Rework	Originator
Documentation	
(Information)	Approved

Corrective Action:

Any installation or reinstallation of Fortune:Link software requires that the file /m/rc/arcnet.rc be redefined if remote printer(s) are required. See Chapter 4 of the Fortune:Link Administrators Guide for complete details on this procedure.

FORTUNE SYSTEMS PRODUCT SUPPORT

Software Bulletin

Product: Fortune:Link Unexpected diconnect **Revision:** _____ **SB #** 11

Description:

When using ITE or other communications software via a LAN connection, attempts to disconnect from communications product only causes LAN to disconnect.

TYPE	Issue Date
Mandatory	4/28/86
As Required	New Issue
Revision Change	Replaces #
Rework	Originator
Documentation	Approved
Information	

Corrective Action:

When using a communications product such as ITE on a remote host connected via Fortune:Link, issuing the '~.' disconnect command to ITE causes the remote host to disconnect. The problem is that Fortune:Link is intrepreting the disconnect command rather than the communications product. If you want to end the ITE session only and remain connected to the host, the solution is type '~~.' to disconnect from the communications product only. If the LAN connection is routed through multiple nodes an extra '~' must be added for each node. For example using ITE routed through two nodes would require '~~~.' to disconnect only the ITE session. As always type '~.' to disconnect from all nodes.

FORTUNE SYSTEMS PRODUCT SUPPORT

Software Bulletin

Product: Fortune:Link
Can't connect to host

Revision:

SB # 12

Description:

After LAN is configured, attempts to connect to a host result in not found messages.

TYPE

Mandatory

As Required

Revision Change

Rework

Documentation

Information

Issue Date

4/28/86

New Issue

Replaces #

Originator

Approved

Corrective Action:

First check all cables and make sure that active hubs have power. Verify that all systems are running the appropriate software. List all assigned node numbers and check that there are no duplicate numbers. The LAN will not work correctly unless each node has a unique name and number. If you cannot access a remote printer verify that file /m/rc/arcnet.rc has been modified as described on page 4-9 of your Fortune:Link manual.

FORTUNE SYSTEMS PRODUCT SUPPORT

Software Bulletin

Product: Tape Streamer
Moving PIO board

DOES NOT WORK

Revision: 1.1/1.2/1.2.1

SB # 13

Description:

Moving PIO to a different slot on the motherboard renders streamer inoperable.

TYPE

Mandatory

(As Required)

Revision Change

Rework

(Documentation)

Information

Issue Date
4/28/86

New Issue

Replaces #

Originator

Approved

Corrective Action:

Changing the PIO slot requires that you re-initialize the associated devices before you can use the tape streamer again.

Procedure:

Change PIO to desired slot and power up machine

Login as root

Type the following commands from unix

```
# rm /m/rc/st.rc /dev/pio* /dev/st* /dev/rst*
# /usr/lib/pio/st_link install
```

Shutdown the system and then bring it back up.
The tape streamer may now be used.

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: FOR:PRO/BASIC **Revision:** 1.8up/1.4up **SB #** 14

Description:

After converting to alternate console, printing from BASIC produces text which is unreadable. Or printing from BASIC prints on the console instead of the printer.

TYPE	Issue Date
Mandatory	5/29/86
As Required	New Issue
Revision Change	Replaces #
Rework	Originator
Documentation	Approved
Information	

Corrective Action:

These two problems may appear for two different reasons:

1. The text is unreadable because the baud rate specified for tty01 in the configuration menu is the default baud rate for all ports. Since tty01 is now the console, all reports printed from BASIC will print at the same baud rate as the console. This procedure allows the user to set the printer ports to the baud rate that is necessary for proper printing.

2. Text will appear on the console if the printer was once connected to tty01. BASIC prints to tty01 by default, but now tty01 is the console. This procedure will change the default printer port to the new port the printer is connected to.

PROCEDURE:

1) Log onto the system as root.

2) cd /m/rc <RETURN>

3) ls <RETURN>

NOTE: If there is a file called menu.rc then continue to step 4, otherwise skip to step 8.

4) ed menu.rc <RETURN>
(The system will respond with the number 46.)

5) s/01/xx/g (substitute the new printer port number for xx) <RETURN>

6) w <RETURN>
(This system will respond with the number 46.)

7) q <RETURN>

8) ed tty.rc <RETURN>
(The system will respond with '?tty.rc'.)

<continued>

9) a <RETURN>

10) stty (baud rate) savemodes>/dev/ttyxx <RETURN>

11) . <RETURN>

12) w <RETURN>
(The system will respond with the number 31.)

13) q <RETURN>

14) Shutdown and re-boot system.

The procedure is now complete.

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: Fortune Released Software **Revision:** Current **SB #** 15

Description:

Current Release Levels for
Fortune Software Products

TYPE

Mandatory
As Required
Revision Change
Rework
Documentation
(Information)

Issue Date 5-30-86

(New Issue)
Replaces #

Originator

Approved

Corrective Action:

PRODUCT	RELEASE LEVEL
3270 Interactive Terminal Emulator	1.1
3270 SNA Emulator	1.0
3780 Remote Job Entry	1.0
Business BASIC Interpreter	1.4
C-Language	1.7
COBOL-Micro Focus(Compiler&Runtime)	2.5
COBOL-Micro Focus(Developer Package)	2.5
Development Utilities	1.1.1
Document Conversion	1.0
FOR:PRO Multi-User	1.8.1.1
FORTRAN-77 Language	1.3
Field Engineering Diagnostics	4.0
Fixit	1.1
Fortune-to-Fortune Copy (FTF)	1.1.1
Fortune:Link	1.0
Fortune:Windows	1.0.1
Fortune:Word (All Modules)	2.1.1
Fortune:Works(32:16)	2.1
Fortune:Works(DOS Workstation)	2.1
Fortune:Works(Graphics Update)	2.1
GSS "C" BIndings	1.0.1
GSS Drivers (UNIX)	1.0.1
GSS Metafile Interpreter	1.20
GSS Plottalk	1.0.2
GSS Plotting System	1.0.2
Graphwriter Basic Set	2.2
Graphwriter Combination Set	2.2
Graphwriter Extension Set	2.2
HP Laser Printer Interface	1.0
Interactive Terminal Emulator (ITE)	1.1.1
Language Development Tools	1.8.2
Multiplan	1.4.2
Pascal Language	1.3
Rubix	2.0
TEKTRONIX 401X Emulator	1.1
Tape Streamer	1.2.1
X.25	1.0

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

cp command with -B option

Product: FOR:PRO Unix Operating Sys. **Revision:** 1.8.1.1 **SB #** 16

Description: If mounting of diskette fails when using the cp command with the -B option during a multivolume backup, succeeding mounts will fail with the following error messages:
mount: mount failed: no such device or address
cp: could not mount volume on /dev/fd02

TYPE	Issue Date
Mandatory	9/25/86
As Required	New Issue
Revision Change	Replaces #
Rework	Originator
Documentation	
Information	Approved E. Smith

Corrective Action:

The current workaround is to go to another terminal on the system and manually unmount the diskette, then issue a "rdconf /dev/fd02" command on the command line at the shell prompt. This will allow you to continue with your multivolume backup.

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: For:Pro/PC O.S. **Revision:** Current **SB #** 17

Description:

When using a Compaq portable computer (8088 processor), the Fortune Multiplier card, and the 1.2 version of the For:Pro/PC operating system, the For:Pro format command will not work. The system will allow the user to mount, unmount, read, and write to the floppy but it won't allow you to format a disk.

TYPE

Mandatory
As Required
Revision Change
Rework
Documentation
(Information)

Issue Date 2/27/87

New Issue
Replaces #

Originator

Approved

Corrective Action:

This problem will be addressed in the next release of the For:Pro/PC operating system but for now this is the current work around:

1.) Format the disk using the DOS format command.

2.) You will need to create a configuration block on the diskette. From the Unix shell, type this command:
/etc/mkconf -c /etc/disk/flop.conf /dev/rfd00

3.) Still in Unix, you will have to create a file system on the diskette by typing the command:
/etc/mkfs -a /dev/fd02

Your floppy diskette has now been formatted properly.

FORTUNE SYSTEMS PRODUCT SUPPORT

Software Bulletin

Product: Fortune 32:16 Released Software **Revision:** Current **SB #** 18

Description:

Current release levels for the Fortune 32:16 software products.

TYPE
Mandatory
As Required
Revision Change
Rework
Documentation
Information

Issue Date 2/15/87

New Issue

Replaces # 15

Originator [signature]

Approved E. M. Muth

Corrective Action:

PRODUCT	RELEASE LEVEL
System Software	
Single User FOR:PRO	1.8
FOR:PRO 1.8.1.1 Update	1.8.1.1
Multi-User FOR:PRO	1.8
FOR:PRO Development Utilities	1.1
Language Development Tools	1.8.2
Tape Streamer Software	1.2.1 1.2
? Expantion Disk	1.0
Fortune:Link	1.0
Fortune:Windows	1.0.1
? FIXIT	1.1
HP Laser Interface	1.1
FOR:FROG	1.0
Languages & Databases	
C	1.7
Pascal	1.3
FORTRAN 77	1.3
Thoroughbred BASIC	6.5.12
CBasic/16	1.1
Basic Four Interface	1.0
MF LEVEL II COBOL	2.5
MF LEVEL II COBOL/ET	1.1.2
SIBOL Compiler	1.0
RUBIX	2.0
RUBIC-C Interface	2.0
R/M Cobol	2.1
VUE Basic	5.07
VUE Graphics Plotter	4.51
VUE MultiProjects	4.52
VUE Report Writer	4.52

Languages & Databases cont.

PRODUCT	RELEASE LEVEL
IDOL	2.0
MIMIX	2.1
BAS/IDOL Update	1.0
Informix 4GL	1.00.05c
Informix SQL	2.00.05c
Informix ESQL/C	2.00.05c
Informix File It	3.00.05c
Informix C-ISAM	3.00.05c
FOR:PRO/PC Software	
FOR:PRO/PC Cold Boot Set	1.0
FOR:PRO/PC Coprocessor Setup	1.0
Fortune:Word/PC Coprocessor	2.1.2
Development Utilities (PC)	1.2
Fortune:Windows/PC	1.0.1
Interactive Terminal Emulator/PC	1.1.1
Fortune to Fortune Copy/PC	1.1.1
Fortune Keyboard Handlers	1.1
Communications	
Fortune:Works (MS-DOS)	2.1
Fortune:Works (FOR:PRO)	2.1
Interactive Terminal Emulator	1.1.1
Fortune to Fortune Copy	1.1.1
RJE Emulator 3780	1.0
3270 BSC Emulator	1.2
3270 SNA Emulator	1.0
X.25	1.0
Tektronix 401X Emulator	1.1
VT/E Terminal Emulator	1.0
Office Automation	
Fotune:Word	2.1.2
HP Laser Interface	1.1
Document Conversion (Fortune to Wang)	1.0
Multiplan	1.4.2
Graphics	
Graphwriter System Disk	2.2
Graphwriter Basic Formats	2.1
Graphwrite Extended Formats	2.1
GSS-DRIVERS (FOR:PRO)	1.0.1
GSS-Matafile Interpreter	1.20
GSS-Plottalk (FOR:PRO	1.02
GSS-DRIVERS (MS-DOS)	1.03
GSS-TERMINAL (MS-DOS)	1.02
GSS-C Binding (FOR:PRO)	1.0.1
CDI Sound Presentations (FOR:PRO)	1.04
Fortune:Works Graphics Upgrade	2.0
Graphics Spooler	1.0

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: Fortune Formula Released Software. **Revision:** Current **SB #** 19

Description:

Current release levels for the Fortune Formula software products.

TYPE
Mandatory
As Required
Revision Change
Rework
Documentation
Information

Issue Date 2/27/87
New Issue
Replaces #
Originator
Approved

Corrective Action:

PRODUCT	RELEASE LEVEL
System Software	
FOR:PRO Cold Boot Set	3.0
FOR:PRO 32 User Upgrade	3.0
Tape Streamer Software	1.3
FOR:PRO Development Utilities	1.2
Fortune:Windows	1.0.1
Diagnostics	3.0
Languages & Databases	
Thoroughbred BASIC	6.5.12
Informix 4GL	1.00.05c
Informix SQL	2.00.05c
Informix ESQL/C	2.00.05c
Informix File It	3.00.05c
Informix C-ISAM	3.00.05c
Communications	
Interactive Terminal Emulator	1.1.1
Fortune to Fortune Copy	1.1.1
Office Automation	
Fortune:Word	2.1.2
Multiplan	1.4.2

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: Software Upgrades **Revision:** _____ **SB #** 20

Description:

Software Upgrade Policy.

TYPE
Mandatory
As Required
Revision Change
Rework
Documentation
Information (circled)

Issue Date
3/17/87

New Issue
Replaces #

Originator
E.M. Muth

Approved
Lynda Lam

Corrective Action:

Effective immediately, upgrades to the most current version of a software product will be available for a limited period of time only. When a new revision level of a product is announced, a Product Announcement will be published describing the upgrade path for that product, the cost of that upgrade, and the length of time it will be available. Typically the time period for upgrade availability will be 90 days.

Should a user elect not to get the upgrade when offered, they will have to pay full price for the upgraded product once the upgrade time period has elapsed.

Upgrades available as of 3/17/87 are:

Business Basic
Rev. 1.4 or earlier, to 6.5.12 avail 5/31/87

Fortune:Word
Upgrade to Revision 3.0 avail 6/30/87

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: H.P. Laser Jet/Multiplan **Revision:** _____ **SB #** 21

Description:

The H.P. Laser Jet Printer will not print in 16.66 pitch when using Multiplan.

TYPE

Mandatory
As Required
Revision Change
Rework
Documentation
(Information)

Issue Date 3/17/87

New Issue

Replaces #

Originator Chris Brow

Approved E. M. Smith

Corrective Action:

Look at the file /usr/bin/mp68. If it looks the same as the file listed on page 2, then make the changes listed on page 3.

```
case $# in
        2)case $1 in
         -p)shift
            shift;;
        esac
 esac

if test -f .mprc
then
    MPRC=.mprc
    eval 'cat $MPRC'
elif test -f $HOME/.mprc
then
    MPRC=$HOME/.mprc
    eval 'cat $MPRC'
elif test -f /etc/.mprc
then
    MPRC=/etc/.mprc
    eval 'cat $MPRC'
else
    pitch=10
    printnum=1
    banner=no
    papertyp=1
    bins=3
    prwheel=1
    formlen=66
    lnperinch=6
    draft=no
fi

case $banner in
    no)BANNER=-h;;
    *)BANNER=-b;;
esac

case $draft in
    no);;
    *)DRAFT=+D;;
esac

case $papertyp in
    0)SHEET=-d;;
    2)case $bins in
         3)BIN=-S1;;
         4)BIN=-S2;;
         5)BIN=-S1,2,A;;
    esac
    ;;
 esac

exec /m/mp/mp /m/mp/mp -p "-p $printnum $BANNER $SHEET -F$formlen
$DRAFT +P$pitch +W$prwheel +V$lnperinch" $*
```

```
case $# in
        2)case $1 in
         -p)shift
            shift;;
        esac
 esac

if test -f .mprc
then
    MPRC=.mprc
    eval 'cat $MPRC'
elif test -f $HOME/.mprc
then
    MPRC=$HOME/.mprc
    eval 'cat $MPRC'
elif test -f /etc/.mprc
then
    MPRC=/etc/.mprc
    eval 'cat $MPRC'
else
    pitch=10
    printnum=1
    banner=no
    papertyp=1
    bins=3
    prwheel=1
    formlen=66
    lnperinch=6
    draft=no
fi

case $banner in
    no)BANNER=-h;;
    *)BANNER=-b;;
esac

case $draft in
    no);;
    *)DRAFT=+D;;
esac

case $papertyp in
    0)SHEET=-d;;
    2)case $bins in
        3)BIN=-S1;;
        4)BIN=-S2;;
        5)BIN=-S1,2,A;;
    esac
    ;;
 esac

case $printnum in
    1) case $pitch in
        15)pitch=17;;
        *);;
    esac
    ;;
    *);;
esac

exec /m/mp/mp /m/mp/mp -p "-p $printnum $BANNER $SHEET -F$formlen
$DRAFT +W$prwheel +V$lnperinch +P$pitch" $*
```

ADD

MOVE

FORTUNE SYSTEMS PRODUCT SUPPORT

Software Bulletin

Product: H.P. Laser Jet/Multiplan **Revision:** _____ **SB #** 21A

Description:

The H.P. Laser Jet printer will not print in 16.66 pitch when using Multiplan.

TYPE

Mandatory

As Required

Revision Change

Rework

Documentation

Information

Issue Date
4/29/87

New Issue

Replaces # 21

Originator
Chris Bro

Approved
E. M. Muth

Corrective Action:

If you want to use 16.66 pitch on the Laser Jet then make sure that the file /usr/bin/mp68 looks like the file listed on page 2 and 3.

```
case $# in
        2)case $1 in
                -p)shift
                   shift;;
        esac
esac

if test -f .mprc
then
        MPRC=.mprc
        eval 'cat $MPRC'
elif test -f $HOME/.mprc
then
        MPRC=$HOME/.mprc
        eval 'cat $MPRC'
elif test -f /etc/.mprc
then
        MPRC=/etc/.mprc
        eval 'cat $MPRC'
else
        pitch=10
        printnum=1
        banner=no
        papertyp=1
        bins=3
        prwheel=1
        formlen=66
        lnperinch=6
        draft=no
fi

case $banner in
        no)BANNER=-h;;
        *)BANNER=-b;;
esac

case $draft in
        no);;
        *)DRAFT=+D;;
esac

case $papertyp in
        0)SHEET=-d;;
        2)case $bins in
                3)BIN=-S1;;
                4)BIN=-S2;;
                5)BIN=-S1,2,A;;
        esac
        ;;
esac

cat /etc/devtype |\
while :
do
        read LINE
        set $LINE EndOfFile
```

```
        case $# in
            1)break;;
        esac
        case $LINE in
            *LASERJET*|*HP*|*HP2686A*);;
            *)continue;;
        esac
        case $4 in
            $printnum)case $pitch in
                          15)exit 17;;
                          *)exit $pitch;;
                      esac;;
        esac
done

pitch=$?

exec /m/mp/mp /m/mp/mp -p "-p $printnum $BANNER $SHEET $BIN -F$formlen $DRAFT +W
$prwheel +V$lnperinch +P$pitch" $*
#@(#)              /usr/bin/mp68 Software Bulletin #21A
```

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: Basic4 to Fortune 32:16 Conversion Package **Revision:** 1.0 **SB #** 22B

Description:

The Basic4 to Fortune 32:16 conversion package (version 1.0) does not work after installation of Thoroughbred Basic 6.5.12

TYPE

Mandatory

(As Required)

Revision Change

Rework

Documentation

(Information)

Issue Date 4/30/87

New Issue

Replaces # 22A

Originator Chris Brown

Approved E. M. Muth

Corrective Action:

1.) Log in as root.

2.) From the shell prompt, type the command:

```
cd /b/B4X
```

3.) Add the following three lines to the beginning of the file B4Xfer.mac

```
: #KEYMAP, COLLATE variables support soft k/b mapping
KEYMAP=${KEYMAP-BDOM}  ;  export KEYMAP
COLLATE=${COLLATE-NULL}  ;  export COLLATE
```

FORTUNE SYSTEMS PRODUCT SUPPORT

Software Bulletin

Product: cp -B option/FOR:PRO 2.0 **Revision:** FOR:PRO O/S **SB #** 23

Description:

This Software Bulletin replaces previous Software Bulletins #2 and #16.

TYPE

Mandatory
As Required
Revision Change
Rework
Documentation
Information

Issue Date
3/20/87

New Issue

Replaces #
2 & 16

Originator

Approved

Corrective Action:

The -B option of the cp command has now been fixed in the most recent release of FOR:PRO 2.0

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: Fortune 32:16 Released Software **Revision:** Current **SB #** 24

Description:

Current release levels for the Fortune 32:16 software products.

TYPE
Mandatory
As Required
Revision Change
Rework
Documentation
Information (circled)

Issue Date 3/20/87
New Issue
Replaces #18

Originator Chris Brown
Approved E. M. Mutch

Corrective Action:

PRODUCT	RELEASE LEVEL
System Software	
FOR:PRO 1-16 user	2.0
FOR:PRO 16-32 user	2.0
PRO:PRO Development Utilities	1.1
Language Development Tools	1.8.2
Tape Streamer Software	1.2.1
Expansion Disk	1.0
Fortune:Link	1.0
Fortune:Windows	1.0.1
FIXIT	1.1
HP Laser Interface	1.1
FOR:FROG	1.0
Languages & Databases	
C	1.7
Pascal	1.3
FORTRAN 77	1.3
Thoroughbred BASIC	6.5.12
CBasic/16	1.1
Basic Four Interface	1.0
MF LEVEL II COBOL	2.5
MF LEVEL II COBOL/ET	1.1.2
SIBOL Compiler	1.0
RUBIX	2.0
RUBIX-C Interface	2.0
R/M COBOL	2.1
VUE Basic	5.07
VUE Graphics Plotter	4.51
VUE MultiProjects	4.52
VUE Report Writer	4.52

Languages & Databases cont.

PRODUCT	RELEASE LEVEL
IDOL	2.0
MIMIX	2.1
BAS/IDOL Update	1.0
Informix 4GL	1.00.05c
Informix SQL	2.00.05c
Informix ESQL/C	2.00.05c
Informix File It	3.00.05c
Informix C-ISAM	3.00.05c
FOR:PRO/PC Software	
FOR:PRO/PC Cold Boot Set	1.0
FOR:PRO/PC Coprocessor Setup	1.0
Fortune:Word/PC Coprocessor	2.1.2
Development Utilities (PC)	1.2
Fortune:Windows/PC	1.0.1
Interactive Terminal Emulator/PC	1.1.1
Fortune to Fortune Copy/PC	1.1.1
Fortune Keyboard Handlers	1.1
Communications	
Fortune:Works (MS-DOS)	2.1
Fortune:Works (FOR:PRO)	2.1
Interactive Terminal Emulator	1.1.1
Fortune to Fortune Copy	1.1.1
RJE Emulator 3780	1.0
3270 BSC Emulator	1.2
3270 SNA Emulator	1.0
X.25	1.0
Tektronix 401X Emulator	1.1
VT/E Terminal Emulator	1.0
Office Automation	
Fortune:Word	3.0
Document Conversion (Fortune to Wang)	1.0
Multiplan	1.4.2
Graphics	
Graphwriter System Disk	2.2
Graphwriter Basic Formats	2.1
Graphwriter Extended Formats	2.1
GSS-DRIVERS (FOR:PRO)	1.0.1
GSS-Matafile Interpreter	1.20
GSS-Plottalk (FOR:PRO)	1.02
GSS-DRIVERS (MS-DOS)	1.03
GSS-TERMINAL (MS-DOS)	1.02
GSS-C Binding (FOR:PRO)	1.0.1
CDI Sound Presentations (FOR:PRO)	1.04
Fortune:Works Graphics Upgrade	2.0
Graphics Spooler	1.0

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: Shutdown Command FOR:PRO O/S **Revision:** 2.0 **SB #** 25

Description:

After installing FOR:PRO 2.0 over FOR:PRO 1.8 or FOR:PRO 1.8.1.1, the system will not allow a user to complete a system shutdown from the login screen.

TYPE

Mandatory
As Required
Revision Change
Rework
Documentation
Information

Issue Date 3/25/87

New Issue
Replaces #

Originator

Approved

Corrective Action:

If version 2.0 was installed over 1.8 or above, through the s5 option in the global menu, and you want users to be able to shutdown the system from the login screen, then the shutdown entry (in the /etc/passwd file) should resemble the following line:

```
shutdown::0:1:& computer:/:/etc/shutdown
```

It is also highly recommended that the shutdown account be password protected.

If the above change is not made, then you will need to be logged in as "root" or "manager" in order for a system shutdown to take place.

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: Fortune:Word Installation **Revision:** 3.0 **SB #** 26

Description:

During the installation of Fortune:Word 3.0, there is an elapsed time of 5 - 6 minutes from the time installation commences until the first dot (".") appears on the screen

TYPE

Mandatory

As Required

Revision Change

Rework

Documentation

Information

Issue Date 3/26/87

New Issue

Replaces #

Originator Chris Knox

Approved E. M. Mack

Corrective Action:

Wait the required amount of time necessary for the diskettes to install. **DO NOT DEPRESS THE CANCEL/DEL KEY!!!!** Doing so will cause the diskettes to be damaged and will prevent any further attempts at a successful installation. The diskettes will have to be replaced at an additional cost.

FORTUNE SYSTEMS PRODUCT SUPPORT

Software Bulletin

Product: Fortune:Word Footnote Processing **Revision:** 3.0 **SB #** 27

Description:

When using an attribute in footnote text, make sure that you turn the attribute off or else the footnote will not be processed correctly.

TYPE	Issue Date
Mandatory	3/31/87
As Required	New Issue
Revision Change	Replaces #
Rework	Originator
Documentation	[signature]
Information	Approved
	E. M. Muth

Corrective Action:

Make sure that the attribute is turned off before your footnote is processed or else extra characters will be added. A sample of both a good and bad footnote are given below:

1 This is an example of a GOOD footnote.

2** This is an example of a BAD footnote.

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: Fortune:Word Footnote Processing **Revision:** 3.0 **SB #** 28

Description:

For optimum performance when using footnote processing on Fortune:Word 3.0, it is highly recommended that the user keep the format line for the footnotes single spaced.

TYPE

Mandatory
As Required
Revision Change
Rework
Documentation
Information (circled)

Issue Date 3/31/87

New Issue
Replaces #

Originator Jm Bw

Approved E. M. Smith

Corrective Action:

It is recommended that the user use format line #1 for footnote text and keep it single spaced or else it may cause the footnote process not to complete.

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: Fortune:Word Footnote Processing/Forms Processing **Revision:** 3.0 **SB #** 29

Description:

When using footnotes on a document that is to be used in forms processing, the last footnote on the last page will not appear if the document is not saved each time it is reproduced.

TYPE

Mandatory
As Required
Revision Change
Rework
Documentation
Information

Issue Date 3/31/87

New Issue
Replaces #

Originator Clm Brow

Approved E.M. Smith

Corrective Action:

To get around this, the user needs to save the document by pressing <EXECUTE> at the End of Edit Options each time the document form has been filled in.

FORTUNE SYSTEMS PRODUCT SUPPORT

Software Bulletin

Product: Tape Streamer Diagnostics **Revision:** 4.0 **SB #** 30

Description:

When running the tape diagnostics (tapediag) from the 4.0 version of the diagnostic disk, the 20MB tape drive will fail Test #7 with a stioc-get error.

TYPE	Issue Date
Mandatory	3/31/87
As Required	New Issue
Revision Change	Replaces #
Rework	Originator
Documentation	[signature]
Information	Approved
	E. M. Mueth

Corrective Action:

Tapediag was written specifically for the 60MB tape drive and not the 20MB drive. Tapediag does work on the 20MB drive but it will always fail on the 7th test. The diagnostic specifically written for the 20MB tape drive (st.tape) can be found on a pre 4.0 release of the diagnostics.

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: Fortune 32:16 Released Software **Revision:** Current **SB #** 31

Description:

Current release levels for the Fortune 32:16 Software Products

TYPE
Mandatory
As Required
Revision Change
Rework
Documentation
(Information)

Issue Date 4/30/87
New Issue
Replaces # 24
Originator Chris Brow
Approved E. M. Muth

Corrective Action:

PRODUCT	RELEASE LEVEL
System Software	
FOR:PRO 1-16 user	2.0
FOR:PRO 16-32 user	2.0
FOR:PRO Development Utilities	1.1
Language Development Tools	1.8.2
Tape Streamer Software	1.2.1
Expansion Disk	1.0
Fortune:Link	1.0
Fortune:Windows	1.0.1
FIXIT	1.1
HP Laser Interface	2.2
Diagnostics	4.0
FOR:FROG	1.0
Languages & Databases	
C	2.0
Pascal	1.3
FORTRAN 77	1.3
Thoroughbred BASIC	6.5.12
CBASIC/16	1.1
Basic Four Interface	1.0
MF LEVEL II COBOL	2.5
MF LEVEL II COBOL/ET	1.1.2
SIBOL Compiler	1.0
RUBIX	2.0
RUBIX-C Interface	2.0
R/M COBOL	2.1
VUE Basic	5.07
VUE Graphics Plotter	4.51
VUE MultiProjects	4.52
VUE Report Writer	4.52

Languages & Databases cont.

PRODUCT	RELEASE LEVEL
IDOL	2.0
BAS/IDOL Update	1.0
Informix 4GL	1.00.05c
Informix SQL	2.00.05c
Informix ESQL/C	2.00.05c
Informix File It	3.00.05c
Informix C-ISAM	3.00.05c

FOR:PRO/PC Software

FOR:PRO/PC Cold Boot Set	1.2
FOR:PRO/PC Coprocessor Setup	1.2
Fortune:Word/PC Coprocessor	2.1.2
Development Utilities (PC)	1.2
Fortune:Windows/PC	1.0.1
Interactive Terminal Emulator/PC	1.1.1
Fortune to Fortune Copy/PC	1.1.1
Fortune Keyboard Handlers	1.1
Multiplan/PC Coprocessor	1.4.2

Communications

Fortune:Works (MS-DOS)	2.1
Fortune:Works (FOR:PRO)	2.1
Interactive Terminal Emulator	1.1.1
Fortune to Fortune Copy	1.1.1
RJE Emulator 3780	1.0
3270 BSC Emulator	1.2
3270 SNA Emulator	1.0
X.25	1.0
Tektronix 401X Emulator	1.1
VT/E Terminal Emulator	1.0

Office Automation

Fortune:Word	3.0
Document Conversion (Fortune to Wang)	1.0
Multiplan	1.4.2

Graphics

Graphwriter System Disk	2.2
Graphwriter Basic Formats	2.1
Graphwriter Extended Formats	2.1
GSS-DRIVERS (FOR:PRO)	1.0.1
GSS-Matafile Interpreter	1.20
GSS-Plottalk (FOR:PRO)	1.02
GSS-DRIVERS (MS-DOS)	1.03
GSS-TERMINAL (MS-DOS)	1.02
GSS-C Binding (FOR:PRO)	1.0.1
CDI Sound Presentations (FOR:PRO)	1.04
Fortune:Works Graphics Upgrade	2.0
Graphics Spooler	1.0

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: Fortune Formula Released Software **Revision:** Current **SB #** 32

Description:

Current release levels for the Fortune Formula Software products.

TYPE
Mandatory
As Required
Revision Change
Rework
Documentation
Information (circled)

Issue Date 4/30/87

New Issue

Replaces # 19

Originator Chris Brow

Approved E. M. Smith

Corrective Action:

PRODUCT	RELEASE LEVEL
Systems Software	
FOR:PRO Cold Boot Set	3.0
FOR:PRO 32 User Upgrade	3.0
Tape Streamer Software	1.3
Fortune:Windows	1.0.1
Diagnostics	3.0
Extended Laser Interface	2.2
Languages & Databases	
Thoroughbred BASIC	6.5.12
Informix 4GL	1.00.05c
Informix SQL	2.00.05c
Informix ESQL/C	2.00.05c
Informix File It	3.00.05c
Informix C-ISAM	3.00.05c
Communications	
Interactive Terminal Emulator	1.1.1
Fortune to Fortune Copy	1.1.1
Office Automation	
Fortune:Word	2.1.2
Multiplan	1.4.2

FORTUNE SYSTEMS PRODUCT SUPPORT

Software Bulletin

Product: MICROFOCUS COBOL ET **Revision:** Runtime 1.1 **SB #** 33

Description:

Revision 66, Version 2.143G; Native Code Generator 1.1, Rev. 2, Reference GB044M68000. Operating System For:Pro 1.8.

Problem #1

When a Line Sequential (or Binary Sequential) file is opened for input and the file does not exist, the file status returned is 9-199.

TYPE

Mandatory

As Required

Revision Change

Rework

Documentation

Information

Issue Date 5/1/87

New Issue

Replaces #

Originator C. M. Muth

Approved Linda Bu

Corrective Action:

This status is returned when the O/S returns an unexpected value. The correct status should be 9-013 (i.e. file not found).

To avoid this error, check for the existence of the file within the application prior to opening the file.

FORTUNE SYSTEMS PRODUCT SUPPORT

Software Bulletin

Product: MICROFOCUS COBOL ET **Revision:** Runtime 1.1 **SB #** 34

Description:

Version 2.143G; Native Code Generator 1.1, Rev. 2, Reference GB044M68000. Operating System 1.8.

Problem #2

When the following code has been generated, the following COBOL statements cause corruption of data:

TYPE	Issue Date
Mandatory	5/1/87
As Required	New Issue
Revision Change	Replaces #
Rework	Originator
Documentation	E. M. Mutl
Information	Approved
	[illegible]

Corrective Action:

A and B defined as PIC S9(5)V999 COMP-3.
SUBTRACE A FROM B. (WHERE B RESULTS AS NEGATIVE)

C is defined as PIC S99999 COMP-3.
DIVIDE C BY 17 GIVING C.

To avoid corruption of data, use Display fields in lieu of Comp-3 fields.

FORTUNE SYSTEMS PRODUCT SUPPORT

Software Bulletin

Product: MICROFOCUS COBOL ET **Revision:** Runtime 1.1 **SB #** 35

Description:

Revision 66, Version 2.143G; Native Code Generator 1.1, Rev. 2, Reference GB044M68000. Operating System FOR:PRO 1.8.

Problem #3

Calling a program to read a Line Sequential File followed by displaying the line on the CRT appears to take approximately twice the time if the calling program is itself called.

TYPE

Mandatory

As Required

Revision Change

Rework

Documentation

Information

Issue Date

5/1/87

New Issue

Replaces #

Originator

E. M. Smith

Approved

Corrective Action:

EXAMPLE: If the root module is A, the program displaying the data is B, and C is a subprogram, then:

If A calls B to display on a screen the process takes approximately 1 to 1.5 seconds.

If A calls C which calls B to display, the time is approximately 2 to 3 seconds.

For the time being, try to avoid this type of situation, no date has been set with regard to a fix for this problem.

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: Fortune:Word Search Function **Revision:** 3.0 **SB #** 36

Description:

If searching for a string within a bold and reverse video section of a Fortune:Word document, and the string is found it is not readily apparent.

TYPE

Mandatory
As Required
Revision Change
Rework
Documentation
Information

Issue Date

5/29/87

New Issue
Replaces #

Originator

Approved

Corrective Action:

Because Fortune:Word uses the bold function to highlight the string that has been found, the string will not be seen on the screen. If the message "search for what" appears in the top right of the screen, then the string has been found and the cursor will be on the first character of that string. If the message "text not found" shows up on the bottom of the screen, then the string was not found and the cursor will be in the same location in which the search was started.

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: Fortune:Word Terminal Hangs **Revision:** 3.0 **SB #** 37

Description:

If a user, after inserting a minimum of 2 lines of text into a Fortune:Word document, presses the (PAGE) key and then decides to delete it by pressing the (DELETE) key, the up arrow key once and then (EXECUTE), the terminal will hang.

TYPE

Mandatory
As Required
Revision Change
Rework
Documentation
Information

Issue Date 5/29/87

New Issue
Replaces #

Originator

Approved

Corrective Action:

The user will have to log onto the system from another terminal and from the Unix prompt, type the command:

```
ps -ax
```

On the screen will be four columns with the headings PID, TTY, TIME, and CMD respectively.

Look under the CMD heading for the wped fn command (where fn is the name of the Fortune:Word document in which they were working). Now find what the PID number is for that command.

Now type the command (from the Unix prompt)

```
kill PID
```

Where PID is the number you found in the previous step.

Your terminal should be back in its normal state.

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: Formula/SCSI SXT Tape. **Revision:** 3.0 2.0 **SB #** 38

Description:

All SCSI based systems with tape drive will not properly make a multi-volume tape backup set.

TYPE

Mandatory
As Required
Revision Change
Rework
Documentation
Information

Issue Date

New Issue
Replaces #

Originator Brian D. Wood

Approved E. M. Smith

Corrective Action:

Do not use multi-volume tape sets with Tape Streamer 1.3 and FOR:PRO 2.0 or 3.0. Instead, specify sections of the file systems which will fit onto one tape. The 'df' command may be used to determine if the entire file system will fit onto one tape. The 'du -s' command may be used from the command line to determine how much space is being used by a particular area of the file system. For example 'du -s /u' will return with the space being used by the directory /u and all files and subdirectories contained therein.

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: Fortune 32:16 Released Software **Revision:** Current **SB #** 39

Description:

Current release levels for the Fortune 32:16 Software Products.

TYPE	Issue Date
Mandatory	6/1/87
As Required	New Issue
Revision Change	Replaces # 31
Rework	Originator
Documentation	Approved
Information	

Corrective Action:

PRODUCT	RELEASE LEVEL
System Software	
FOR:PRO 1-16 user	2.0
FOR:PRO 16-32 user	2.0
FOR:PRO Development Utilities	1.2
Language Development Tools	2.0
Tape Streamer Software	1.2.1
Expansion Disk	1.0
Fortune:Link	1.0
Fortune:Windows	1.0.1
FIXIT	1.1
HP Laser Interface	2.2
Diagnostics	4.0
FOR:FROG	1.0
Languages & Databases	
C	2.0
Pascal	1.3
FORTRAN 77	1.3
Thoroughbred BASIC	6.5.12
Basic Four Interface	1.0
MF LEVEL II COBOL	2.5
MF LEVEL II COBOL/ET	1.1.2
SIBOL Compiler	1.0
R/M COBOL	2.1
VUE Basic	5.07
VUE Graphics Plotter	4.51
VUE MultiProjects	4.52
VUE Report Writer	4.52

Languages & Databases cont.

PRODUCT	RELEASE LEVEL
IDOL	2.0
BAS/IDOL Update	1.0
Informix	3.3
Informix 4GL	1.00.05h
Informix SQL	2.00.05h
Informix ESQL/C	2.00.05h
Informix File It	3.00.05h
Informix C-ISAM	3.00.05h

FOR:PRO/PC Software

FOR:PRO/PC Cold Boot Set	1.2
FOR:PRO/PC Coprocessor Setup	1.2
Fortune:Word/PC Coprocessor	2.1.2
Development Utilities (PC)	1.2
Fortune:Windows/PC	1.0.1
Interactive Terminal Emulator/PC	1.1.1
Fortune to Fortune Copy/PC	1.1.1
Fortune Keyboard Handlers	1.1
Multiplan/PC Coprocessor	1.4.2

Communications

Fortune:Works (MS-DOS)	2.1
Fortune:Works (FOR:PRO)	2.1
Interactive Terminal Emulator	1.1.1
Fortune to Fortune Copy	1.1.1
RJE Emulator 3780	1.0
3270 BSC Emulator	1.2
3270 SNA Emulator	1.0
X.25	1.0
Tektronix 401X Emulator	1.1
VT/E Terminal Emulator	1.0

Office Automation

Fortune:Word	3.0
Document Conversion (Fortune to Wang)	1.0
Multiplan	1.4.2

Graphics

Graphwriter System Disk	2.2
Graphwriter Basic Formats	2.1
Graphwriter Extended Formats	2.1
GSS-DRIVERS (FOR:PRO)	1.0.1
GSS-Matafile Interpreter	1.20
GSS-Plottalk (FOR:PRO)	1.02
GSS-DRIVERS (MS-DOS)	1.03
GSS-TERMINAL (MS-DOS)	1.02
GSS-C Binding (FOR:PRO)	1.0.1
CDI Sound Presentations (FOR:PRO)	1.04
Fortune:Works Graphics Upgrade	2.0
Graphics Spooler	1.0

FORTUNE SYSTEMS PRODUCT SUPPORT

Software Bulletin

Product: Fortune Formula Released Software **Revision:** Current **SB #** 40

Description:

Current release levels for the Fortune Formula Software Products

TYPE	Issue Date
Mandatory	6/1/87
As Required	New Issue
Revision Change	Replaces # 32
Rework	Originator
Documentation	[signature]
Information	Approved
	[signature]

Corrective Action:

PRODUCT	RELEASE LEVEL
Systems Software	
FOR:PRO Cold Boot Set	3.0
FOR:PRO 32 User Upgrade	3.0
Development Utilities	1.2
Language Development Tools	2.0
Tape Streamer Software	1.3
Fortune:Windows	1.0.1
Extended Laser Interface	2.2
Languages & Databases	
Thoroughbred BASIC	6.5.12
Informix 4GL	1.00.05h
Informix SQL	2.00.05h
Informix ESQL/C	2.00.05h
Informix File It	3.00.05h
Informix C-ISAM	3.00.05h
Communications	
Fortune:Works (FOR:PRO)	2.2
Interactive Terminal Emulator	1.1.1
Fortune to Fortune Copy	1.1.1
Office Automation	
Fortune:Word	3.0
Multiplan	1.4.2

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: Printcap, 8-bit output **Revision:** 2.0 **SB #** 41

Description:

This software bulletin describes the way in which release 2.0 of For:Pro handles the 8-bit output through 'lpr'.

TYPE	Issue Date
Mandatory	6/30/87
As Required	New Issue
Revision Change	Replaces #
Rework	Originator
Documentation	Approved
Information	E.D. Smith

Corrective Action:

A new capability has been added to the printcap file that describes how the local modes bits of the tty driver should be set when lpr is used to send output to a printer (see section 4 of the For:Pro Programmers Manual for the possible bit settings).

The new string capability is 'J1' - please note the following lines from a printcap entry:

```
:cs=2\
:s1=\2331q:\
:s2=\2330q:\
:J1=0x804020:\
:ej=\f:
```

The value for J1 is a hex number that describes the settings for the tty local modes bits. For the above example:

```
:J1=0x804020:\
```

0x000020 - Suppress output translations (No parity is generated, 8 bit output. Parity is NOT checked on input).

0x004000 - Only ^Q, intr, quit, and (if set) page mode characters restart output after a ^S.

0x800000 - Ignore modem status change and break interrupts.

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: SNA 3270 installation script changes

Revision: SNA 1.0/ For:Pro 2.0

SB # 42

Description:

If you are trying to install version 1.0 of 3270 SNA on a system with For:Pro 2.0 and the system gives you an "install terminated" message, you will need to make some changes to the sna3270.maint file.

TYPE	Issue Date
Mandatory	6/30/87
As Required	New Issue
Revision Change	Replaces #
Rework	Originator
Documentation	Approved
Information	

Corrective Action:

The following changes will need to be made to the sna3270.maint file (in the /m/maint directory on the hard disk or /f directory on the floppy).

```
# Test to see if OS is 1.8 or greater.

     UPD_FILE=/m/fos1/.OS_UPDATE
     MAJOR=1
     MINOR=8
     if [ -f $UPD_FILE ]
     then
          update='cat $UPD_FILE'
          OLDIFS="$IFS"
          IFS=".$IFS"
          set $update
          IFS="$OLDIFS"
               if [ "$MAJOR" -lt $1 ]
                    then
                         true
                    else
                         if [ "$MAJOR" -le $1 -a "$MINOR" -le $2 ]
                              then
                                   true
                         else
                              echo "unsuccessful"
                              echo "FOR:PRO 1.8 or later required"
                              echo "installation terminated"
                              echo "^GPress <RETURN> to continue"
                              read key
                              exit 1
                         fi
               fi
     else
          echo "unsuccessful"
          echo "FOR:PRO 1.8 or later required"
          echo "installation terminated"
          echo "^GPress <RETURN> to continue"
          read key
          exit 1
     fi
```

FORTUNE SYSTEMS PRODUCT SUPPORT

Software Bulletin

Product: Thoroughbred BASIC **Revision:** 6.5.12/1.4 **SB #** 43

Description:

The CHR function within Thoroughbred Basic release level 6.5.12 will give different results than Business Basic release level 1.4 (see the Business Basic Technical Bulletin release letter dated 10/86).

TYPE

Mandatory
As Required
Revision Change
Rework
Documentation
Information

Issue Date
6/30/87

New Issue
Replaces #

Originator

Approved
E. M. Muth

Corrective Action:

The CHR character function now has different results when the decimal value is greater than 127 and character mapping is active. Since there are only 128 ASCII characters, values greater than 127 will generally produce the same character value as (value-128), but with the high bit set. If the internal value is mapped to a multi-byte sequence, the CHR function will output more than a single character.

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: 32:16 Released Software **Revision:** Current **SB #** 44

Description:

Current release levels for the 32:16 Software Products.

TYPE	Issue Date
Mandatory	7/31/87
As Required	New Issue
Revision Change	Replaces # 39
Rework	Originator
Documentation	
Information	Approved

Corrective Action:

PRODUCT	RELEASE LEVEL
System Software	
FOR:PRO 1-16 user	2.0
FOR:PRO 16-32 user	2.0
FOR:PRO Development Utilities	1.2
Language Development Tools	2.0
Tape Streamer Software	1.2.1
Expansion Disk	1.0
Fortune:Link	1.0
Fortune:Windows	1.0.1
FIXIT	1.1
HP Laser Interface	2.2
Diagnostics	4.0
FOR:FROG	1.0
Languages & Databases	
C	2.0
Pascal	2.0
FORTRAN 77	2.0
Thoroughbred BASIC	6.5.12
Basic Four Interface	1.0
SIBOL Compiler	1.0
R/M COBOL	2.1
IDOL	2.0
BAS/IDOL Update	1.0

Languages & Databases cont.

PRODUCT	RELEASE LEVEL
Informix	3.3
Informix 4GL	1.00.05h
Informix SQL	2.00.05h
Informix ESQL/C	2.00.05h
Informix File It	3.00.05h
Informix C-ISAM	3.00.05h
Unify DBMS Full Development Sys.	3.2
Unify DBMS Runtime System	3.2
PROGRESS Full Development Sys.	3.2h
PROGRESS Developer's Toolkit	3.2h
PROGRESS Query/Runtime System	3.2h
PROGRESS Runtime System	3.2h

FOR:PRO/PC Software

FOR:PRO/PC Cold Boot Set	1.2
FOR:PRO/PC Coprocessor Setup	1.2
Fortune:Word/PC Coprocessor	2.1.2
Development Utilities (PC)	1.2
Fortune:Windows/PC	1.0.1
Interactive Terminal Emulator/PC	1.1.1
Fortune to Fortune Copy/PC	1.1.1
Fortune Keyboard Handlers	1.1
Multiplan/PC Coprocessor	1.4.2
Fortune:Link/PC DOS	1.1
Fortune:Link/PC DFS	1.1

Communications

Fortune:Works (MS-DOS)	2.1
Fortune:Works (FOR:PRO)	2.1
Interactive Terminal Emulator	1.1.1
Fortune to Fortune Copy	1.1.1
RJE Emulator 3780	2.0
3270 BSC Emulator	1.2
3270 SNA Emulator	1.0
X.25	1.0
Tektronix 401X Emulator	1.1
Fortune:Link	1.1
Fortune:Link DFS	1.1

PRODUCT	RELEASE LEVEL
Office Automation	
Fortune:Word	3.0
Document Conversion (Fortune to Wang)	1.0
TimeMaker	1.4
Multiplan	1.4.2

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: Formula Released Software **Revision:** Current **SB #** 45

Description:

Current release levels for the Formula Software Products.

TYPE
Mandatory
As Required
Revision Change
Rework
Documentation
Information

Issue Date 7/31/87

New Issue

Replaces # 40

Originator [signature]

Approved E. M. Smith

Corrective Action:

PRODUCT	RELEASE LEVEL
Systems Software	
FOR:PRO Cold Boot Set	3.0
FOR:PRO 32 User Upgrade	3.0
Development Utilities	1.2
Language Development Tools	2.0
Tape Streamer Software	1.3
Fortune:Windows	1.0.1
Extended Laser Interface	2.2
Languages & Databases	
Fortran 77	2.0
Pascal Programming Language	2.0
Thoroughbred BASIC	6.5.12
Informix 4GL	1.00.05h
Informix SQL	2.00.05h
Informix ESQL/C	2.00.05h
Informix File It	3.00.05h
Informix C-ISAM	3.00.05h
Unify DBMS Full Development Sys.	4.0
Unify DMBS Runtime System	4.0
PROGRESS Full Development Sys.	3.2f
PROGRESS Developer's Toolkit	3.2f
PROGRESS Query/Runtime System	3.2f
PROGRESS Runtime System	3.2f
UX-Basic+ Performance System	2.11
UX-Basic+ Development System	2.10D
UX-Basic+ Runtime System	2.10D
UX-Basic+ Demo	2.10D

PRODUCT	RELEASE LEVEL
Communications	
Fortune:Works (FOR:PRO)	2.2
Interactive Terminal Emulator	1.1.1
Fortune to Fortune Copy	1.1.1
Fortune:Link	1.1
Fortune:Link DFS	1.1
3780 Remote Job Entry (RJE)	2.0
FOR:PRO/PC Software	
Fortune:Link/PC DOS	1.1
Fortune:Link/PC DFS	1.1
Office Automation	
Fortune:Word	3.0
TimeMaker	1.4
Multiplan	1.4.2
Manufacturing	
Manufacturing In Time (MIT)	---

FORTUNE SYSTEMS PRODUCT SUPPORT

Software Bulletin

Product: LASERJET INTERFACE **Revision:** 2.2 **SB #** 46

Description:

Unable to print in landscape mode with the LaserJet series II printer wheel 2 selected, and using 8.5" X 11" paper.

TYPE	Issue Date
Mandatory	10/23/87
As Required	New Issue
Revision Change	Replaces #
Rework	Originator
Documentation	[signature]
Information	Approved
	E M Muth

Corrective Action:

Modification to the wheel file is required. The operator enters bold letter characters and the system responds with non bold characters. <CR> stands for Cursor Return.

1. At the login prompt, login as **root**.

2. **# cd /usr/lib/wheels <CR>**

3. **# cp hp.whl hp.whl.old <CR>**

4. **# ed hp.whl <CR>**

   12079 l

5. **/166p/ <CR>** l 1

   +init "\E&166p1O\E(8U\E(s0h12v0s0b3T"

6. **s,166p,1,p <CR>** 1

   +init "\E&11O\E(8U\E(s0h12v0s0b3T"

7. **w <CR>**

   12076

8. **q <CR>**

   #

   Try printing a document in landscape mode selecting wheel # 2. If the print job is successful, remove the hp.whl.old file created back in step 3.

9. **# rm /usr/lib/wheels/hp.whl.old <CR>**

   If you still have problems, do not remove the hp.whl.old file. Request assistance from your local Fortune/SCI representative.

   For more information of how to use "ed" and other UNIX commands employed here, see the Introduction to FOR:PRO Manual.

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: FOR:PRO **Revision:** 3.0 **SB #** 50

Description:

Inability to cold boot Formula 4000's with Connor 40MB and/or Micropolis 85MB Drives.

TYPE

Mandatory
As Required
Revision Change
Rework
Documentation
Information

Issue Date

New Issue
Replaces #

Originator E.R. Mack

Approved

Corrective Action:

The disktab entries for both the Connor 40MB and Micropolis 85MB drives were inadvertently omitted from the /etc/disktab file in level 3.0 of FOR:PRO. This deficiency has been corrected in level 3.1 of FOR:PRO which is currently in Beta test.

In the meantime, to correct this problem perform the following:

Login as **root**. When you see the FOR:PRO prompt (#), enter the following commands and depress RETURN after each command line:

cd /etc — Change directory to /etc.

cat > temp.dsktb — Create a temporary disktab table and enter the following:

Conner:CP340:C40:1010:0:16:2:26:4:752:753:753:0:753:512:1:1:6:ESCSI - 40 Mega byte:0:208:0:208:4160:0:4368:73840:0:0:0:0:0:0:0:0:0:0:0:0:0:0:0:0:0:68:100:0:0:0:0:0:0:0:0:0:0:0:0:0:0 <RETURN>
Micropolis:1373A:M85:1010:0:16:2:34:5:1016:1019:1019:0:1019:512:1:1:9:ESCSI - 85 Mega Byte:0:340:0:340:8500:0:8840:163880:0:0:0:0:0:0:0:0:0:0:0:0:0:0:0:0:0:68:100:0:0:0:0:0:0:0:0:0:0:0:0:0:0 <RETURN>

^D — Control D

NOTE:

Both of these entries are greater than 80 characters and will wrap around. Cursor Return is ONLY required at the end of each entry as specified by <RETURN>.

cat temp.dsktb >> disktab — Concatanate the temporary table to /etc/disktab

rm temp.dsktb — Remove the temporary table file.

(Continued On Page 2)

Insert Volume 1 of 3 of the FOR:PRO 3.0 Cold Boot Set into the Floppy Drive, and enter the following:

mount /dev/fd02 /f	Mount vol 1 of cold boot set to harddisk
cp /etc/disktab /f/etc/disktab	Copy new disktab from harddisk to floppy
umount /dev/fd02	Unmount floppy Drive from system

NOTE:

IT IS RECOMMENDED YOU CHECK THE CHANGE YOU JUST MADE IN ORDER TO ENSURE THERE ARE NO TRANSPOSITION ERRORS. TO DO SO, YOU SHOULD DO THE FOLLOWING:

rdconf /dev/hd00 | lpr	This will print out the configuration block that is already in the system.
/etc/dskselect *filename* [file type]	dskselect will read the disktab entry you just made and write it to the file you specify.
rdconf *filename* **| lpr**	The disktab entry contained in the file specified will be printed out in a configuration block. Compare this against the original you printed out earlier and make any necessary corrections.

FORTUNE SYSTEMS PRODUCT SUPPORT — Software Bulletin

Product: Formula/SXT SCSI Tape **Revision:** 3.0/2.0 **SB #** 51

Description:

SCSI based systems with tape drive will not properly make a multi-volume tape backup set.

TYPE	Issue Date
Mandatory	New Issue
As Required	Replaces #38
Revision Change	Originator
Rework	
Documentation	Approved
Information	

Corrective Action:

Do not use multi-volume tape sets with Tape Streamer 1.3 and FOR:PRO 2.0 or 3.0. The problem is that the backup will complete without error messages; however, you'll not be able to display or restore the second volume tape.

Instead, specify sections of the file systems which will fit onto one 60 megabyte tape. The 'df' command may be used to determine if the entire file system will fit onto one tape. The 'du -s' command may be used from the command line to determine how much space is being used by a particular area of the file system. For example 'du -s /u' will return with the space being used by the directory /u and all files and subdirectories contained therein.

If you made a multi-volume backup using 1.3 Tape Streamer and OS 2.0 or 3.0, make another backup using the above procedure.

This problem will be fixed on Tape Streamer release 1.4 and OS 2.1 (32:16) or 3.1 (Formula) which will be released in January 1988. All sites with the above configuration should upgrade. Note that upgrading to Tape Streamer 1.4 and OS 2.1/3.1 will not allow you to restore a bad 1.3 multi-volume backup set.

FORTUNE/SCI Product Support

Software Bulletin

Product: Fortune 32:16 Released Software **Revision:** Current **SB #** 52

Description:

Current release levels for the Fortune 32:16 Software Products

TYPE

Mandatory
As Required
Revision Change
Rework
Documentation
Information

Issue Date
2/12/88

New Issue Replaces #
44

Originator
Freeman

Approved
E M Mach

Corrective Action:

PRODUCT	RELEASE LEVEL
FOR:PRO 1-16 user	2.0
FOR:PRO 16-32 user	2.0
FOR:PRO Development Utilities	1.2
Language Development Tools	2.0
Tape Streamer Software	1.3
Expansion Disk	1.0
Fortune:Link	1.1
Fortune:Windows	1.0.1
FIXIT	1.1
Extended Laser Interface	2.2
Diagnostics	4.0
FOR:FROG	1.0

Languages & Databases

C	2.0
Pascal	2.0
FORTRAN 77	2.0
Thoroughbred BASIC (Business)	6.5.12
Basic Four Interface	1.0
SIBOL Compiler	1.0
R/M COBOL Runtime	2.1
R/M COBOL Runtime & Compiler	2.1
IDOL	2.0
BAS/IDOL Update	1.0

PRODUCT	RELEASE LEVEL
Communications	
Fortune:Works (MS-DOS)	2.1
Fortune:Works (FOR:PRO)	2.2
Interactive Terminal Emulator	1.1.1
Fortune to Fortune Copy	1.1.1
RJE Emulator 3780	2.0
3270 BSC Emulator	3.0
3270 SNA Emulator	3.0
X.25	1.0.1
Tektronix 401X Emulator	1.1
Fortune:Link	1.1
Fortune:Link DFS	1.1
Office Automation	
Fortune:Word	3.0
Document Conv. (Fortune to Wang)	1.0
Timemaker	1.4
Multiplan	1.4.2

PRODUCT	RELEASE LEVEL
Languages & Databases Cont...	
Informix	3.3
Informix 4GL	1.1
Informix SQL	2.1
Informix ESQL/C	2.1
Informix File-it! (SQL)	3.0
Informix C-ISAM (SQL)	3.1
Informix File-it!	3.3
Informix C-ISAM	3.3
Unify DBMS Full Development Sys.	3.2
Unify Runtime System	3.2
PROGRESS Full Development Sys.	4.2
PROGRESS Developer's Toolkit	4.2
PROGRESS Query/Runtime System	4.2
PROGRESS Runtime System	4.2
FOR:PRO/PC Software	
FOR:PRO/PC Cold Boot Set	1.2
FOR:PRO/PC Coprocessor Setup	1.2
Fortune:Word/PC Coprocessor	2.1.2
Development Utilities (PC)	1.2
Fortune:Windows/PC	1.0.1
Interactive Terminal Emulator/PC	1.1.1
Fortune to Fortune Copy/PC	1.1.1
Fortune Keyboard Handlers	1.2
Multiplan/PC Coprocessor	1.4.2
Fortune:Link/PC DOS	1.1
Fortune:Link/PC DFS	1.1

FORTUNE/SCI Product Support — Software Bulletin

Product: Formula Released Software **Revision:** Current **SB #** 53

Description:

Current release levels
for the Formula Software Products.

TYPE

Mandatory
As Required
Revision Change
Rework
Documentation
Information

Issue Date
2/12/88

New Issue Replaces #
45

Originator
Dreeman

Approved
E. M. Mutch

Corrective Action:

PRODUCT	RELEASE LEVEL
Systems Software	
FOR:PRO Cold Boot Set	3.0
FOR:PRO 32 User Upgrade	3.0
Development Utilities	1.2
Language Development Tools	2.0
Tape Streamer Software	1.3
Fortune:Windows	1.0.1
Extended Laser Interface	2.2
Languages & Databases	
Fortran 77	2.0
Pascal Programming Language	2.0
Thoroughbred BASIC (Business)	6.5.12
Informix	3.3
Informix C-ISAM	3.3
Informix 4GL	1.1
Informix SQL	2.1
Informix ESQL/C	2.1
Informix File-it! (SQL)	3.0
Informix C-ISAM (SQL)	3.1
Informix File-it!	3.3
Unify DBMS Full Development Sys.	4.0
Unify DBMS Runtime System	4.0

PRODUCT	RELEASE LEVEL
Languages & Databases cont...	
PROGRESS Full Development Sys.	3.2h
PROGRESS Developer's Toolkit	3.2h
PROGRESS Query/Runtime System	3.2h
PROGRESS Runtime System	3.2h
UX-Basic+ Performance System	2.11
UX-Basic+ Development System	2.1
UX-Basic+ Runtime System	2.1
UX-Basic+ Demo	2.1
Communications	
Fortune:Works (FOR:PRO)	2.2
Interactive Terminal Emulator	1.1.1
Fortune to Fortune Copy	1.1.1
Fortune:Link	1.1
Fortune:Link DFS	1.1
3780 Remote Job Entry (RJE)	2.0
3270 BSC	3.0
3270 SNA	3.0
FOR:PRO/PC Software	
Fortune:Link/PC DOS	1.1
Fortune:Link/PC DFS	1.1
Office Automation	
Fortune:Word	3.0
TimeMaker	1.4
Multiplan	1.4.2

FORTUNE/SCI
Product Support

Software Bulletin

Product: FAR **Revision:** DEV.UTIL 1.2 **SB #** 54

Description:

Initiating a backup via cron fails with far issuing the error message "cannot open /dev/tty" and aborting.

TYPE

Mandatory

As Required

Revision Change

Rework

Documentation

Information

Issue Date

2/11/88

New Issue Replaces #

Originator

E. MUTH

Approved

Corrective Action:

CRON executes commands at specific dates and times. Regularly scheduled commands can be specified according to instructions found in the crontab file in the directory /usr/lib.

In version 1.1 (and earlier) of Dev Utils, cron is started automatically on system bootup. In version 1.2, this is no longer the case. If the file /m/rc/cron.rc looks like:

```
case $1  {
     up|restart)
          /etc/cron
          ;;
}
```

cron is started automatically. If cron is initiated during system initialization, & if far is started form cron, it will abort with the message, "cannot open /dev/tty". Therefore, edit /m/rc/cron.rc to look like:

```
case $1 {
       up)
            ;;
       restart)
            /etc/cron
            ;;
       down)
            ;;
}
```

and, at the # prompt enter:

```
sh /m/rc/cron.rc restart
```

This will start cron manually, give it a terminal and enable far to successfully initiate.

NOTE: If cron is already running, it must be killed first.

FORTUNE/SCI
Product Support

Software Bulletin

Product: Software Matrix **Revision:** _____ **SB #** 55

Description:

A matrix of software products, their various revision levels and the affiliated products needed to run them.

TYPE

Mandatory
As Required
Revision Change
Rework
Documentation
Information

Issue Date
2/23/88

New Issue Replaces #

Originator
E. M. Meeth

Approved

Corrective Action:

The purpose of this document is to assist in the selection of the correct versions of software to run under various levels of operating system, etc.

Products are listed both down the side and across the top of the attached form. An 'x' has been placed in the appropriate column indicating which level of product is required to run the software package listed along the side. The presence of an 'x' indicates the necessity of having that version of the software. Versions other than those indicated will not work properly, and therefore, will not be supported.

2/23/88

SOFTWARE MATRIX

	FOR:PRO			LDT	DEV UTIL	FOR: LINK	FOR:WORD		C CMPL	C CMPL
	@ 2.1/ 3.1	2.0/ 3.0	1.8	2.0	1.2	1.1	2.1.2	3.0	1.7	2.0
FORTUNE:WORD (3.1)	X	X								
(3.0)	X	X	X							
(2.1.2)	X	X	X							
FORTUNE:WINDOWS (1.2)	X	X								
TIMEMAKER (1.4)	X	X								
SMART	X	X								
MULTIPLAN (1.4.2)	X	X	X							
PROGRESS (3.2)	X	X								
UNIFY (4.0)	X	X	X							
UNIFY (3.2) 32:16	X	X	X							
INFORMIX (3.3)	X	X	X							
SQL (2.1)	X	X								X
ESQL/C (2.1)	X	X		X						X
4GL (1.1)	X	X		X						X
C-ISAM (SQL)	X	X		X						X
C-ISAM (3.3)	X	X	X							
FILE IT (SQL)	X	X								X
FILE IT (3.3)	X	X	X							
C LANGUAGE (2.0)	X	X		X	X					
C LANG (1.7)			X							
FORTRAN (2.0)	X	X		X						
PASCAL (2.0)	X	X		X						
RM COBOL (2.1)	X	X								
US-BASIC (2.10) ##	X	X								
THOROUGHBRED BASIC 6.5.12	X	X	X							
THOR. BASIC 1.4			X							
DEVELOPMENT UTILITIES 1.2	X	X	X							
LANGUAGE DEV. TOOLS 2.0	X	X	X		X					
TAPE STREAMER 1.4	X									
** TAPE STRMR 1.2.1		X	X							
* TAPE STRMR 1.3		X	X							
3780 RJE (2.0)	X	X								
3270 SNA (3.0)	X	X								
3270 BSC (3.0)	X	X								
X.25 (1.0.1)	X	X								
FORTUNE:LINK 1.1	X	X								
DFS (1.1)	X	X				X				
FTF (1.1.1)	X	X								
ITE (1.1.1)	X	X								
FORTUNE:WORKS (2.2)	X	X	X							
EXTENDED LASER INTRFACE										
VERSION 1.1			X				X			
VERSION 1.2			X				X	X		
VERSION 2.1			X					X		
VERSION 2.2	X	X					X	X		

* IS FOR SCSI BASED SYSTEMS ONLY
** IS FOR PIO BASED SYSTEMS ONLY
@ FOR:PRO 2.1/3.1 & TAPE STREAMER 1.4 REQUIRE SCSI HOST ADAPTER FIRMWARE 2.1
PERFORMANCE SYSTEM REQUIRES LDT 2.0 & C CMPL 2.0.

FORTUNE/SCI
Product Support

Software Bulletin

Product: Software Matrix **Revision:** _____ **SB #** 55

Description:

A matrix of software products, their various revision levels and the affiliated products needed to run them.

TYPE

Mandatory

As Required

Revision Change

Rework

Documentation

Information

Issue Date
2/23/88

New Issue Replaces #

Originator
E. M. Muth

Approved

Corrective Action:

The purpose of this document is to assist in the selection of the correct versions of software to run under various levels of operating system, etc.

Products are listed both down the side and across the top of the attached form. An 'x' has been placed in the appropriate column indicating which level of product is required to run the software package listed along the side. The presence of an 'x' indicates the necessity of having that version of the software. Versions other than those indicated will not work properly, and therefore, will not be supported.

FORTUNE/SCI
Product Support

Software Bulletin

Product: Software Matrix **Revision:** _____ **SB #** 55

Description:

A matrix of software products, their various revision levels and the affiliated products needed to run them.

TYPE

Mandatory

As Required

Revision Change

Rework

Documentation

Information

Issue Date
2/23/88

New Issue Replaces #

Originator
E. M. Muth

Approved

Corrective Action:

The purpose of this document is to assist in the selection of the correct versions of software to run under various levels of operating system, etc.

Products are listed both down the side and across the top of the attached form. An 'x' has been placed in the appropriate column indicating which level of product is required to run the software package listed along the side. The presence of an 'x' indicates the necessity of having that version of the software. Versions other than those indicated will not work properly, and therefore, will not be supported.

FORTUNE/SCI
Product Support

Software Bulletin

Product: Fortune Released Software **Revision:** Current **SB #** 56

Description:

Current release levels
for the Fortune Software Products.

TYPE
Mandatory
As Required
Revision Change
Rework
Documentation
〈Information〉

Issue Date
4/28/88

New Issue Replaces #

Originator

Approved

Corrective Action:

PRODUCT	RELEASE LEVEL	
Systems Software		
	Formula	32:16
FOR:PRO Cold Boot Set	3.1	2.1
FOR:PRO 32 User Upgrade	3.1	2.1
Development Utilities	1.2	1.2
Tape Streamer Software	1.4	1.4
Fortune:Windows	1.0.1	1.0.1
Extended Laser Interface	2.2	2.2
Languages & Databases		
	Formula	32:16
Language Development Tools (LDT)	2.0	2.0
C	2.0	2.0
Fortran 77	2.0	2.0
Pascal	2.0	2.0
Thoroughbred BASIC	7.3.2	6.5.12
R/M COBOL	2.1	2.1
Informix 3.3	N/A	3.3
Informix File-it!	N/A	3.3
Informix C-ISAM	N/A	3.3
Informix SQL	2.1	2.1
Informix 4GL	1.1	1.1
Informix ESQL/C	2.1	2.1
Informix File-it! (SQL)	3.0	3.0
Informix C-ISAM (SQL)	3.1	3.1
Unify DBMS Full Development Sys.	4.0	3.2
Unify DBMS Runtime System	4.0	3.2

PRODUCT	RELEASE LEVEL	
Languages & Databases cont...		
	Formula	32:16
PROGRESS Full Development Sys.	3.2	4.2
PROGRESS Developer's Toolkit	3.2	4.2
PROGRESS Query/Runtime System	3.2	4.2
PROGRESS Runtime System	3.2	4.2
UX-Basic+ Performance System	2.1	2.1
UX-Basic+ Development System	2.1	2.1
UX-Basic+ Runtime System	2.1	2.1
UX-Basic+ Demo	2.1	2.1
Communications		
	Formula	32:16
Fortune:Works (FOR:PRO)	2.2	2.2
Interactive Terminal Emulator	1.1.1	1.1.1
Fortune to Fortune Copy	1.1.1	1.1.1
Fortune:Link	1.1	1.1
Fortune:Link DFS	1.1	1.1
3780 Remote Job Entry (RJE)	2.0	2.0
3270 BSC	3.0	3.0
3270 SNA	3.0	3.0
X.25	1.0.1	1.0.1
Office Automation		
	Formula	32:16
Fortune:Word	3.1	3.1
TimeMaker	1.4	1.4
Multiplan	1.4.2	1.4.2
FOR:PRO/PC Software		
	PC	
Fortune:Link/PC DOS	1.1	
Fortune:Link/PC DFS	1.1	

FORTUNE/SCI
Product Support

Software Bulletin

Product: All Fortune Products **Revision:** All **SB #** 57

Description:

Backup and verification for the Fortune Products.

TYPE

Mandatory

As Required

Revision Change

Rework

Documentation

Information

Issue Date
6/28/88

New Issue Replaces #

Originator
Madeline Edwards

Approved

Corrective Action:

SCI/Fortune Systems highly recommends a daily backup of your hard disk. In addition to the backup procedure a verification of the backup is even more emphasized. A verification can be done two ways, either through the menu system or directly through FOR:PRO.

TAPE BACKUP:

Verify through the menu:

The streaming tape menu has an option to "List" contents of tape. This should be done after the tape backup is complete.

Verify through FOR:PRO:

From the root prompt type the following command:

PIO SYSTEM: far -Display -verbose -far_file=/dev/st00
SCSI SYSTEM: far -Display -verbose -far_file=/dev/rst00

FLOPPY BACKUP:

USING THE MENU SYSTEM TO BACKUP:

If you're using the menu system to backup, it will notify you that it has copied the file(s) to a flexible disk.

USING FOR:PRO TO BACKUP:

If you're using "cp" from FOR:PRO it provides a verify option of -X, this will verify that the file(s) have been copied to the backup media.

FORTUNE/SCI
Product Support

Software Bulletin

Product: For:Pro Operating Systems **Revision:** All **SB #** 58

Description:

Discontinuation of support for all For:Pro Operating Systems 1.8.1.1. and prior.

TYPE

Mandatory
As Required
Revision Change
Rework
Documentation
Information

Issue Date
6/29/88

New Issue Replaces #

Originator
Madeline Edwards

Approved

Corrective Action:

As of August 1, 1988, the SCI/Fortune Systems Technical Support Center will only provide support services for For:Pro Operating System versions 2.0, 2.1, 3.0, and 3.1. This means that the support center will discontinue supporting operating systems released before 2.0 and 3.0 (includes 1.8.1.1 and prior).

The SCI/Fortune Systems Technical Support Center suggests that if you or any of your customers are currently running a version of For:Pro that will not be supported after August 1, 1988, that you upgrade the operating system to the current version which is For:Pro 2.1 or 3.1.

The operating system updates can be purchased through regular channels. The part numbers for the operating system updates are as follows:

1007632-01 FOR:PRO 3.0 to 3.1 Update
1006438-04 FOR:PRO 2.0 to 2.1 Update