PowerBook: Description of Fax/Data Modem Extensions (6/92)

```
Article Created: 10 March 1992

TOPIC -----------------------------------------------------------

I installed the Fax software and the AppleTalk Remote Access Software in a
PowerBook 170, and I'd like a description of the extensions and files loaded
into my system.

1) What are the Serial Tool, Text Tool, TTY Tool, VT102, VT320 Tool, and
   Xmodem Tool?

2) What is the Fax Switcher Extension?

3) What is the Serial Port Arbitrator, and how does it work?  Can you take
   it out of the extension folder?

4) What is the Fax Extension?

5) Further more:  The fax manual doesn't say anywhere that the "TO:"
   information won't appear in the FAX Cover Page Preview window.  Can that
   be changed in the Manual, or will the software do that in the future?

DISCUSSION ------------------------------------------------------

1) The tools you refer to are part of the Basic Connectivity Set Apple
   provides.  These tools are automatically installed and used by terminal
   emulation software.  You have probably installed MacTerminal 3.0 or some
   other third-party terminal emulation software package that has licensed
   the tools from Apple.

2) The Fax Extension is used to send and receive fax AT commands to and
   from the modem.  It sets the fax modem's mode, speed, and resolution for
   a fax transmission.

3) The serial port requires exclusive access.  Through the use of
   arbitration, multiple applications can use the serial port.  Consider
   the situation where Remote Access is waiting for a call and the user
   wants to use AppleLink.  When Remote Access is waiting for a call it has
   "passive claim" on the serial port, which is relinquished when AppleLink
   needs the port.  When AppleLink relinquishes its "active claim" to the
   serial port, Remote Access then reestablishes its "passive claim."
```

Therefore, if you remove the arbitrator AND have Remote Access set to answer calls, Remote Access will have sole claim on the port and not allow any other programs to use it. This is the only situation where you will encounter a problem.

4) The Fax Switcher Extension provides a shortcut method of selecting Fax Sender. It allows you to simply hold down the Control and Shift keys when selecting Page Setup or Print from the File menu. It changes those menu items to Fax Setup and Fax, respectively. Using this shortcut doesn't deselect your regular printer and you'll return automatically to your previous printer settings for local printing after the fax is sent. This shortcut may not work with all programs. If it doesn't work with the program you're using, you must select Fax Sender in the Chooser.

5) Engineering indicated that having the "To:" fields blank in preview is normal. The way the software is designed, preview doesn't know if there is one or more recipients until the fax is actually sent; therefore the "To:" fields are left blank.

   Page 42 of the PowerBook Fax/Data Modem User's Guide shows a screen shot of preview with the "To:" fields blank.

Support Information Services
Copyright 1992 Apple Computer, Inc.

Keywords: specsht,kpbook

==

This information is from the Apple Technical Information Library.

19960215 11:05:19.00

Tech Info Library Article Number: 9986