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RDI Software Installation Procedure for the PrecisionBook
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This CD-ROM contains the RDI-specific software and drivers you will need to get the highest possible performance from your PrecisionBook. The RDI Software CD-ROM includes the following components:

- Power Management software—this package contains software needed for the system to operate properly with AC/DC power.

- PCMCIA & PC card serial driver—this package contains the PCMCIA Device Manager, Card Service, Socket Service, the PCMCIA Adapter driver, and the PC Card Serial driver for Fax/Modem cards.

- RDI enhanced asio driver—this driver fixes a bug in the original asio driver in dealing with the transmission rate of the built-in RS-232 port on the PCI bridge chip.

It is recommended that these software components be installed in the following order:

- RDI enhanced asio driver
- Power Management software
- PCMCIA & PC card serial driver

BEFORE INSTALLING THE RDI SYSTEM SOFTWARE:

1. Boot the system up to the CDE login banner, login as root, and bring up a Terminal/Xterm window.

2. Insert the RDI software CD-ROM into the CD-ROM drive and mount the file system on the CD-ROM media onto a local directory.

   For this document, the mount directory is assumed to be /tmp/mnt.

EXAMPLE mount /dev/dsk/c0t6d0 /tmp/mnt

To install the RDI enhanced asio driver:

1. Type the following command strings and press ENTER:

   # cd /tmp/mnt/hpux-1020/asio

   # ./asioinstall

   NOTE: The new asio driver is installed in the system library /usr/conf/lib/libhp-ux.a and a new vmunix is generated. The original asio driver is saved as /usr/conf/lib/asio0.o.orig and the current vmunix is saved as /stand/vmunix.prev.

   The system must be rebooted after the installation script completes for this change to take effect. However, you can continue to install all the RDI software packages and reboot only at the end of the installation for the changes to take effect.

To restore the original asio driver (non-enhanced):

1. Type the following command strings and press ENTER:

   # /usr/conf/lib/restore_asio

   # /etc/reboot

To install the Power Management software:

1. Type the following command strings and press ENTER:

   # cd /tmp/mnt/hpux-1020/pm

   # ./pminstall

   NOTE: The Power Management software is installed in the /etc/pm directory. The PM driver is installed in the /usr/conf/lib/libusrdrv.a library and a new vmunix is generated, the original vmunix is saved as /stand/vmunix.prepm.

   The system must be rebooted after the installation script completes for this change to take effect. However, you can continue to install all the RDI software packages and reboot only at the end of the installation for the changes to take effect.

To remove the Power Management software:

1. Type the following command strings and press ENTER:

   # /etc/pm/pmremove

   # /etc/reboot

To install the PCMCIA & PC Card serial driver:

1. Type the following command strings and press ENTER:

   # cd /tmp/mnt/hpux-1020/pcmcia

   # ./pcminstall

   NOTE: The PCMCIA drivers are installed in the /usr/conf/libusrdrv.a library and a new vmunix is generated. The original vmunix is saved as /stand/vmunix.prev.

   The system must be rebooted after the installation script completes for this change to take effect. However, you can continue to install all the RDI software packages and reboot only at the end of the installation for the changes to take effect.

   After you complete the installation and reboot the system, the PC Card serial devices are created as /dev/pcmcia/pcsio0 and /dev/pcmcia/pcsio1 for socket0 and socket1.

To remove the PCMCIA & PC Card software:

1. Type the following command strings and press ENTER:

   # /stand/build/pcmremove

   # /etc/reboot

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                    RDI Software Installation CD-ROM
                         File System Layout
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RDI Software Installation CD-ROM
File System Layout

Top Dir: /hpux-1020

Subdirs: /hpux-1020/pm
           /hpux-1020/asio
           /hpux-1020/pcmcia