

Appendix B

Copying the Sample Files (UNIX)

The Classroom in a Book CD-ROM contains all the lesson files you need to complete the exercises in this book. These instructions describe how to check whether the CD-ROM drive is mounted, how to mount the CD-ROM drive (if necessary), and how to copy the sample files from the CD-ROM.

The process is different depending on whether the CD-ROM drive is local or remote:

Local CD-ROM drive If you have a CD-ROM drive connected to your UNIX workstation, you can mount the CD locally. (To mount a CD-ROM drive, you must know your system's root password.) You can then copy the sample files to your machine's hard disk or to your home directory. This appendix contains instructions for doing this.

Remote CD-ROM drive If you don't have a local CD-ROM (or if you don't know your system's root password or don't want to mount the CD yourself), you can give the CD to your system administrator. The system administrator would then mount the CD and copy the lesson files to a directory that you have access to. This appendix does not contain instructions for mounting a CD-ROM drive remotely. System administrators may refer to the *Installing Adobe FrameMaker Products* manual (included with the FrameMaker product) for more information.

Copying the sample files from a local CD-ROM drive

If you have a UNIX workstation with a CD-ROM drive, follow these steps to mount the drive and copy the lesson files. These instructions describe how to do the following:

- Determine whether the CD-ROM drive is mounted
- Mount the CD-ROM drive, if necessary (some SGI Indy and Sun Solaris systems mount the CD-ROM drive automatically)
- Copy the sample files

To determine if the CD-ROM drive is already mounted:

- 1 Insert the CD-ROM into your disc drive.
- 2 Check for `/cdrom` or `/CD-ROM` on your system.

If you find a CD-ROM directory, check whether the drive is mounted as described in the following step.

- 3 Determine if the CD-ROM drive has already been mounted by entering one of the following commands:

- On an HP or Solaris system, **`/sbin/mount`**
- On an IBM system, **`/usr/sbin/mount`**
- On an SGI or SunOS system, **`/etc/mount`**

- 4 Scan the on-screen list of mounted file systems. If the CD-ROM drive has already been mounted on your local system, a line similar to one of the following lines appears in the list (where the value of *device_name* depends on your system):

- On an HP system, `/cdrom on device_name readonly on date`
- On an IBM system, `/dev/cd0 /cdrom`
- On an SGI system, `/dev/scsi/device_name /CDROM`
- On a Solaris or SunOS system, `/dev/sr0 on /cdrom`

- 5 Do one of the following:

- If the drive is already mounted, you can begin copying the sample files (see step 1 on page 385).
- If the drive has not been mounted, see the following section.

To mount the CD-ROM drive:

- 1 Log in as the root user by entering **`su root`**

You will be prompted for the root password for your computer. If you don't know the root password, ask your system administrator for help.

- 2 Create the CD-ROM directory by entering one of the following commands (if the directory already exists, skip this step):

- On an SGI system, **`mkdir /CDROM`**
- On any other system, **`mkdir /cdrom`**

3 Mount the drive by entering one of the following commands:

- On an HP system, **`/sbin/mount device_name /cdrom -r -t cdrfs`**
- On an IBM system, **`/usr/sbin/mount -v cdrfs -r /dev/cd0 /cdrom`**
- On an SGI system, **`/etc/mount -t iso9960 /dev/scsi/device_name /CDROM`**
- On a Solaris system, **`/sbin/mount -F hsfs -r /dev/sr0 /cdrom`**
- On a SunOS system, **`/etc/mount -r -t hsfs /dev/sr0 /cdrom`**

The value of *device_name* depends on your system. The `-r` option mounts the drive as read-only. Use this option to prevent media error messages from appearing. The `-t` option specifies the CD-ROM type.

4 Verify that the drive was mounted correctly by entering one of the following commands:

- On an HP or Solaris system, **`/sbin/mount`**
- On an IBM system, **`/usr/sbin/mount`**
- On an SGI or SunOS system, **`/etc/mount`**

You should see a list of mounted file systems, including the name of the drive you just mounted.

5 Log off as root user by entering **`exit`**

To copy the sample files:

- 1 Enter **`whoami`** to make sure you're no longer logged in as root user.
- 2 Make sure the CD-ROM is still inserted in your disc drive.
- 3 Move to your computer's hard disk or to your home directory.
- 4 Extract the sample files from the archive on the CD-ROM by entering:
`tar xvf /device_name/unix/unixcib.tar` where *device_name* is the name of your CD-ROM device. This will create a directory called `FM6_0CIB`.
- 5 When the files have finished copying, log in as root user again.
- 6 Unmount the CD-ROM by entering **`/etc/umount`**.
- 7 Remove the disc and log out as root user by entering **`exit`**.