4.4.3 IBM RS6000 Fonts

The IBM RS6000 does use some special IBM fonts, roman and bold. These are available in the RS6000's */usr/lib/X11/fonts* directory as .pcf fonts. Since the ViewStation can read the .pcf fonts directly, all you need to do is insure that this directory is in your fontpath.

If you are using the font server on the RS6000, this step is not necessary. Be sure to add the RS6000's font server to the ViewStation's fontpath.

4.4.4 RSH Permissions on the RS6000

If you are using the ViewStation's local window managers, you will need to check the name service and the permissions to be sure the Rsh process works correctly.

Verify that the ViewStation's name is entered correctly in the */etc/hosts* file.

Verify that the permissions in the */etc/hosts.equiv* file are appropriate for the ViewStation (check the initial rsh process and any further rsh commands to other hosts). Normally, this file has an entry:

```
+ +
```

indicating "+" for the host and also "+" for the user, which means that any host and any user has permission. You may want to modify those settings, but be sure that the ViewStation has permissions for the appropriate hosts in order to read the window manager files and/or start processes from the window manager menus.

4.4.5 Starting Xdm on the RS6000

The RS6000 running AIX 3.25 doesn't start Xdm in its default configuration. The Xdmcp client is located in */usr/lib/X11/xdm*. There is an auto-start program in that directory. Simply move to the xdm directory and type:

```
xdmconf
```

This starts the Xdm process. The configuration files are all appropriate for Xdm operation, though you may want some customizations.

Typing xdmconf -d removes the Xdm process. There is a man page called xdmconf.man.

Using the ViewStation on Selected Host Systems

This chapter will help you connect an HDS ViewStation to a number of different host systems.

Section 4.0 - Using the ViewStation on Selected Host Systems

4.4 IBM RS6000 Systems

4.4.1 Overview

IBM has a line of workstations called the RS6000 series with its own UNIX operating system, AIX. This discussion describes features of AIX 3.2.5, which uses the X11R5 release of X.

Configuration of the IBM RS6000 is greatly simplified with the AIX 3.2.5 release, which includes the "SMIT" utility (System Management Interface Tool).

There is very little special attention needed for connecting ViewStations.

4.4.2 TFTP File Transfer Protocol

The IBM RS6000 does not start TFTP in its default configuration.

It is easy to start the TFTP protocol with the SMIT tool. If you use the fast path mechanism with the SMIT tool, this is very simple. Type:

```
smit inetd.conf
```

This points the tool to the inet daemon configuration file and gives you a menu for the daemon's processes, (list, add, change, and delete). If you "list" the processes, you will see that TFTP is absent. Using the "add" command, you can click on TFTP and SMIT adds it to the running daemon processes.

The TFTP daemon does not run in secure mode by default, so it is ready to load the ViewStation's files from any directory.