



Tech Info Library

MacX: XDM-CP Support (6/93)

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TOPIC -----

We have an HP X Windows-based information system and X terminals supplied by HP. I would like to access the system from a Macintosh using MacX.

I have demonstrated XWindows connectivity by launching an XTerm window. I connected to HPVue for some of the applications running on the client. However, there is a login window that the X terminal gets from using the XDM-cp. This application launches all the appropriate applications that are set up for a specific user.

What's the best way to approach my XDM problem?

DISCUSSION -----

The key is to set an entry for a foreign server in your xdm configuration files. The xdm daemon will then look for those displays to become available, and, when they do, the daemon will manage them.

If you're using xdm, the file xdm-config (usually located in /usr/lib/X11/xdm) contains an entry for the file containing the name of the server it is supposed to manage. This line looks something like

```
DisplayManager.servers: /usr/lib/X11/xdm/Xservers
```

This file contains an entry for each server to manage and looks like:

```
#  
# Xservers file, workstation prototype  
#  
# This file should contain an entry to start the server on the  
# local display; if you have more than one display (not screen),
```

```
# you can add entries to the list (one per line).  If you also
# have some X terminals connected which do not support XDMCP,
# you can add them here as well.  Each X terminal line should
# look like:
#      XTerminalName:0 foreign
#
# :0 local /usr/bin/X11/XmacII :0 -v -logo
mac_name:0 foreign
```

Here, mac_name is the name associated to the IP address of the Macintosh where MacX will be running. This name-IP_Address association is defined in /etc/hosts or in the Domain Name server or NIS server. If such a name has not been given to the Macintosh, the IP address can be use instead of mac_name.

Depending on how the xdm configuration files are setup, this should present you with the Login dialog from xdm each time MacX is started.

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