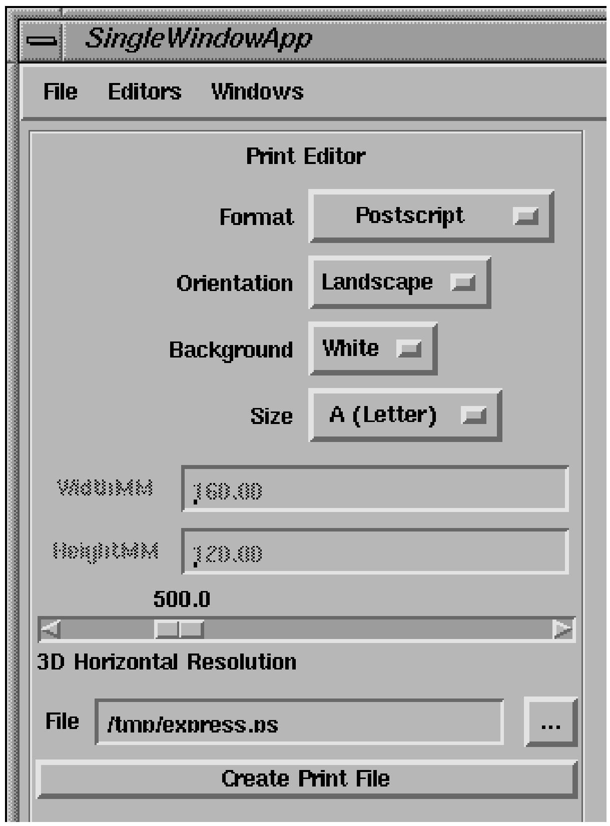
7 Appendix I

7.1 Obtaining hardcopy from AVS/Express



You can print the contents of the **Viewer** window by using the interactive tool - **Print Editor**.

- Alter the parameters to those shown above.
- Click “Create Print File”. This will create a postscript file called `/tmp/express.ps`.
- Go to a shell window and execute the appropriate system command to create the postscript file.

7.2 Customising AVS/Express

You can include a number of command line options when you enter the AVS/Express start-up command “vxp”. Below is a list of a few of the available command line options which you may find useful:

- The `-version` option indicates which version of AVS/Express is installed. Does not start AVS/Express.
- The `-usage` option lists all the possible options. Print a summary of command line options. does not start AVS/Express.
- The *filename* option loads a specified V file into the Applications object. You can use this filename command option to start an application created with AVS/Express and saved with the Save application command. By default neither the Network Editor nor the VCP appear but this can be altered using the following commands,
  - `-ne`: requests the network editor
  - `-none`: suppresses the network editor
  - `-vcp`: requests the VCP
  - `-novcp`: suppresses the VCP

7.3 Journaling in AVS/Express

Journaling lets you record a set of operations you perform on an object and replay them. AVS/Express records these operations as V statements and commands on a journal file.

To record a series of Network Editor operations:

- From the **Journal** menu on the Network Editor menu bar select the **Record** pull-down command. The **Record File** dialogue box will appear.
- Specify a journal filename.
- Select **OK** to begin recording. Perform the series of operations, e.g. build a network, set values and manipulate the object. (Any actions performed outside the workspace will be ignored).
- To stop recording select the **Stop** pull-down command from the **Journal** menu. The recording will stop and the resulting V file will be saved.

To play back the V file:

- Make sure that you are no longer recording and that your network is in the same state it was in when you began recording.
- Select the **Playback** pull-down command from The **Journal** menu. The **Playback File** dialogue box will appear.
- Select the journal file and click **OK**. The recording will be executed and cannot be stopped part way through.