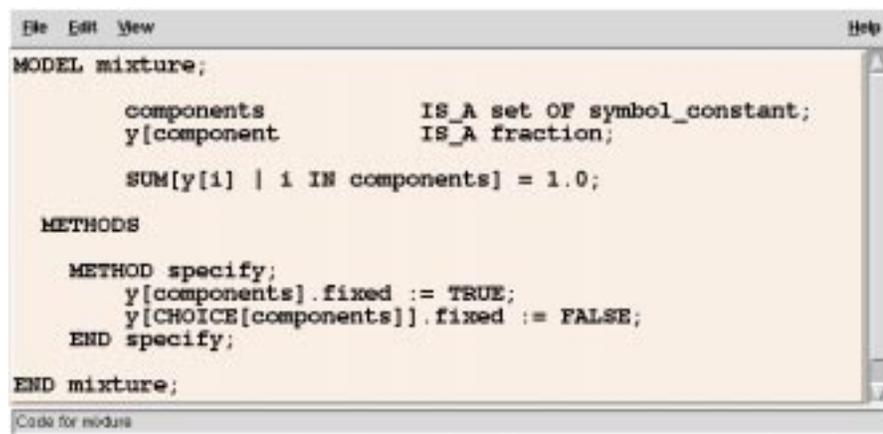# CHAPTER 9 DISPLAY SLAVE

9.1 OVERVIEW

The display slave window (Figure 9-1) functions as a dumping ground for information which is too complex to display in other ways in the Library, Browser or other primary windows. It has rudimentary editing abilities so the user can manually adjust the format of displayed information if needed, for example by rearranging a highly nonlinear relation with more than a few variables. Changes to displayed text do not affect the rest of the system in any way.

Figure 9-1   Display slave window


```
File  Edit  View                                          Help
MODEL mixture;

        components              IS_A set OF symbol_constant;
        y[component             IS_A fraction;

        SUM[y[i] | i IN components] = 1.0;

    METHODS

      METHOD specify;
          y[components].fixed := TRUE;
          y[CHOICE[components]].fixed := FALSE;
      END specify;

END mixture;
Code for module
```

9.2 DISPLAY FILE MENU

Print   This option brings up the default print dialog described in the section Utilities. The print command can be used to save the displayed text to a file.

Close window   The option closes the display window.

Exit ASCEND   Exit the ASCEND system. You will be asked to verify that you really wish to exit ASCEND.

9.3 DISPLAY EDIT MENU

Cut   Cut highlighted text to the computer paste buffer. You can paste this text into any application that supports cut, copy and paste -- e.g., into Framemaker or Excel.

Copy   Copy highlighted text to the computer paste buffer. You can paste this text into any application that supports cut, copy and paste -- e.g., into Framemaker or Excel.

Paste   Paste the contents of the computer paste buffer into the Scipt buffer at the point of the cursor.

9.4 DISPLAY VIEW MENU

Show comments in code   This option controls whether or not comments are displayed when code is displayed **as read from source files**. This setting is not retroactive; that is code already displayed will not be redisplayed when changing this setting.

                             When code is displayed in the machine representation, i.e. with equations and set expressions in postfix (reverse polish) notation, comments are never displayed.

Save Display options   Saves the current settings for this window for its options. These become the default settings when opening this window in the future. These settings are saved in a *.a4o* text file for this window which the sytem stores in the subdirectory *ascdata* in your "home" directory.

Font   Opens the window that lets you reset the fonts for this window. You can select the type of font, the style (bold, etc.) and the size for the font.

Open automatically   Toggles a switch which, if set, will cause the Browser window to open whenever anything is placed into it by an export command.

Save window appearance   Saves the current settings for this window for font settings and window size and placement on your computer screen. These become the default settings for opening this window in the future. These settings are saved in a *.a4o* text file for this window which the sytem stores in the subdirectory *ascdata* in your "home" directory.

9.4.1 FONT

This option brings up the standard font setting dialog so you can change the size, style, and font of the characters in the display window.

9.4.2 OPEN AUTOMATICALLY

This option controls whether or not the display slave window opens automatically when it receives information. Sometimes it is easier to send several items to the display and then open it at the end.

9.4.3 DISPLAY HELP MENU

Brings up a text description of where to look for help on this window (i.e., it points to the pdf version of this document on the WWW.) You may, of course, look into the section mentioned in any local (but perhaps outdated) copy of the documentation.

9.5 TITLE LINE

The title line at the bottom of the window is set by the last client to export something to the display. The user may edit the title, but the next time new information is displayed, these edits will be lost.