B.2.10 FSBox

This template defines a new procedure named: FSBox. Calling this procedure pops up a dialog box to select a file. The dialog box is either modal or nonmodal. If the dialog box is modal, the procedure returns the selected file name. Otherwise the specified Tcl command script is evaluated. Many features support the file selection, there exists a path history, available as a pull down menu (at the label left from the current path name). The label left from the selection pattern contains a pull down menu with all possible extensions. When typing path/filenames by hand, the Tab key performs file name completion. The file selector box has a special mode for selecting bitmaps (pixmaps), where the currently selected picture is displayed in an display area. The procedure gets the following parameters:

Parameter name	Optional	Purpose
fsBoxMessage	y	The message to display.
fsBoxFileName	y	This is a filename that is inserted in the file name selection field, as a default value
fsBoxActionOk	y	This is the Tcl script that is evaluated when the OK button is pressed. To access the selected file and pathname access the global variable fsBox described below. If no commands are specified the dialog box is modal.
fsBoxActionCancel	y	This is the Tcl script that is evaluated when the Cancel button is pressed. To access the selected file and pathname access the global variable fsBox described below. If no commands are specified the dialog box is modal.

To configure the different aspects of the file box, there exists a global array named fsBox. A default value of "-" means that the Tk default value is used. This array contains elements, that control the file box (color, font etc.):

Array element	Default value	Purpose
activeBackground	-	The active background color.
activeForeground	-	The active foreground color.
background	-	The background color.
font	-	The font.
foreground	-	The foreground color.
name	""	The name of the selected file.
path	""	The path name of the selected file.
pattern	""	The display selection pattern.
scrollActiveForeground	-	The scrollbar active foreground color.
scrollBackground	-	The scrollbar background color.
scrollForeground	-	The scrollbar foreground color.
scrollSide	right	The side of the scrollbar.
showPixmaps	0	If this variable is 1, the selected files are interpreted as picture files, and are displayed in an area right from the file list.

A small example invocation may look like this:

```
FSBox
```

This would create the following dialog box:

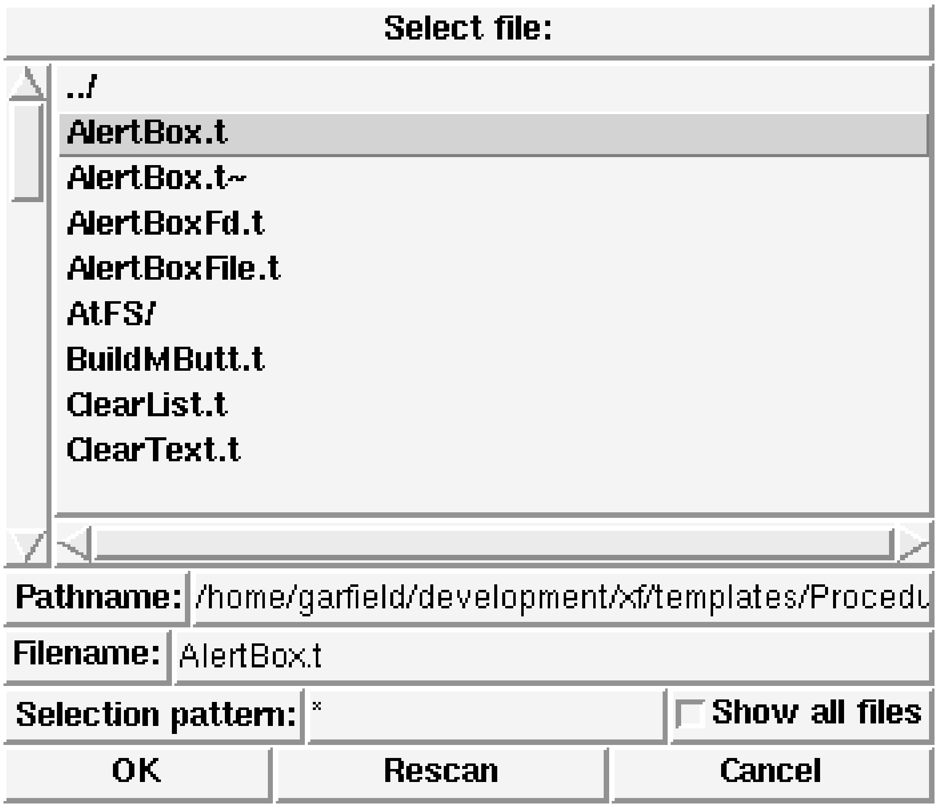

Figure B.10: The template FSBox