## Rocky Enterprise Linux 9.2 Manual Pages on command 'xman.1'

*$ man xman.1*

XMAN(1)                      General Commands Manual                      XMAN(1)

NAME

   xman - Manual page display program for the X Window System

SYNOPSIS

   xman [ -options ... ]

DESCRIPTION

   Xman  is  a  manual page browser.  The default size of the initial xman window is small so

   that you can leave it running throughout your entire login session.  In the initial window

   there  are three options: Help will pop up a window with on-line help, Quit will exit, and

   Manual Page will pop up a window with a manual page browser in it.  Typing Control-S  will

   pop  up  a  window  prompting for a specific manual page to display.  You may display more

   than one manual page browser window at a time from a single execution of xman.

   For further information on using xman, please read the on-line help information.  Most  of

   this manual will discuss customization of xman.

OPTIONS

   Xman supports all standard Toolkit command line arguments (see X(7)).  The following addi?

   tional arguments are supported.

   -helpfile filename

      Specifies a helpfile to use other than the default.

   -bothshown

      Allows both the manual page and manual directory to be on the screen  at  the  same

      time.

   -notopbox

Starts without the Top Menu with the three buttons in it.

-geometry WxH+X+Y

Sets the size and location of the Top Menu with the three buttons in it.

-pagesize WxH+X+Y

Sets the size and location of all the Manual Pages.

CUSTOMIZING XMAN

Xman allows customization of both the directories to be searched for manual pages, and the name that each directory will map to in the Sections menu.  Xman determines which directo? ries  it  will search by reading the MANPATH environment variable.  If no MANPATH is found then the directory is /usr/man is searched on POSIX systems.  This environment is expected to be a colon-separated list of directories for xman to search.

setenv MANPATH /mit/kit/man:/usr/man

By default, xman will search each of the following directories (in each of the directories specified in the users MANPATH) for manual pages.  If manual pages exist in that directory then  they are added to list of manual pages for the corresponding menu item.  A menu item is only displayed for those sections that actually contain manual pages.

Directory   Section Name

-        -

man1      (1) User Commands

man2      (2) System Calls

man3      (3) Subroutines

man4      (4) Devices

man5      (5) File Formats

man6      (6) Games

man7      (7) Miscellaneous

man8      (8) Sys. Administration

manl     (l) Local

mann      (n) New

mano      (o) Old

For instance, a user has three directories in her manual path and each contain a directory called  man3.   All these manual pages will appear alphabetically sorted when the user se? lects the menu item called (3) Subroutines.  If there is no directory called mano  in  any of  the directories in her MANPATH, or there are no manual pages in any of the directories

called mano then no menu item will be displayed for the section called (o) Old.

BSD AND LINUX SYSTEMS

In newer BSD and Linux systems, Xman will search for a file named /etc/man.conf which will contain  the  list  of directories containing manual pages. See man.conf(5) for a complete description of the file format.

THE MANDESC FILE

By using the mandesc file a user or system manager is able to more closely  control  which manual pages will appear in each of the sections represented by menu items in the Sections menu.  This functionality is only available on a section by section basis, and  individual manual  pages may not be handled in this manner.  (Although generous use of symbolic links ? see ln(1) ? will allow almost any configuration you can imagine.)

The format of the mandesc file is a character followed by a label.  The  character  deter? mines which of the sections will be added under this label.  For instance suppose that you would like to create an extra menu item that contains all  programmer  subroutines.   This label  should  contain  all manual pages in both sections two and three.  The mandesc file would look like this:

2Programmer Subroutines

3Programmer Subroutines

This will add a menu item to the Sections menu that would bring up a listing of all manual pages  in sections two and three of the Programmers Manual.  Since the label names are ex? actly the same they will be added to the same section. Note, however,  that  the  original sections still exist.

If  you  want to completely ignore the default sections in a manual directory then add the line:

no default sections

anywhere in your mandesc file.  This keeps xman from searching the default manual sections In  that  directory  only.  As an example, suppose you want to do the same thing as above, but you don't think that it is useful to have the System Calls or Subroutines sections any longer.  You would need to duplicate the default entries, as well as adding your new one.

no default sections

1(1) User Commands

2Programmer Subroutines

3Programmer Subroutines

4(4) Devices

5(5) File Formats

6(6) Games

7(7) Miscellaneous

8(8) Sys. Administration

l(l) Local

n(n) New

o(o) Old

Xman will read any section that is of the form man<character>, where <character> is an up?

per or lower case letter (they are treated distinctly) or a  numeral  (0-9).   Be  warned,

however, that man(1) and catman(8) will not search directories that are non-standard.

WIDGETS

In  order  to  specify  resources, it is useful to know the hierarchy of the widgets which

compose xman.  In the notation below, indentation indicates hierarchical  structure.   The

widget class name is given first, followed by the widget instance name.

Xman xman      (This widget is never used)

    TopLevelShell  topBox

        Form  form

            Label  topLabel

            Command  helpButton

            Command  quitButton

            Command  manpageButton

        TransientShell  search

            DialogWidgetClass  dialog

                Label  label

                Text  value

                Command  manualPage

                Command  apropos

                Command  cancel

        TransientShell  pleaseStandBy

            Label  label

    TopLevelShell  manualBrowser

        Paned  Manpage_Vpane

```
Paned  horizPane

        MenuButton  options

        MenuButton  sections

        Label  manualBrowser

    Viewport  directory

        List  directory

        List  directory

        .

        . (one for each section,

        .  created on the fly)

        .

    ScrollByLine  manualPage

SimpleMenu  optionMenu

    SmeBSB  displayDirectory

    SmeBSB  displayManualPage

    SmeBSB  help

    SmeBSB  search

    SmeBSB  showBothScreens

    SmeBSB  removeThisManpage

    SmeBSB  openNewManpage

    SmeBSB  showVersion

    SmeBSB  quit

SimpleMenu  sectionMenu

    SmeBSB  <name of section>

        .

        . (one for each section)

        .

TransientShell  search

    DialogWidgetClass  dialog

        Label  label

        Text  value

        Command  manualPage

        Command  apropos
```

Command  cancel

TransientShell  pleaseStandBy

Label  label

TransientShell  likeToSave

Dialog  dialog

Label  label

Text  value

Command  yes

Command  no

TopLevelShell  help

Paned  Manpage_Vpane

Paned  horizPane

MenuButton  options

MenuButton  sections

Label  manualBrowser

ScrollByLine  manualPage

SimpleMenu  optionMenu

SmeBSB  displayDirectory

SmeBSB  displayManualPage

SmeBSB  help

SmeBSB  search

SmeBSB  showBothScreens

SmeBSB  removeThisManpage

SmeBSB  openNewManpage

SmeBSB  showVersion

SmeBSB  quit

APPLICATION RESOURCES

xman has the following application-specific resources which allow customizations unique to

xman.

manualFontNormal (Class Font)

The font to use for normal text in the manual pages.

manualFontBold (Class Font)

The font to use for bold text in the manual pages.

manualFontItalic (Class Font)

> The font to use for italic text in the manual pages.

directoryFontNormal (Class Font)

> The font to use for the directory text.

bothShown (Class Boolean)

> Either `true' or `false,' specifies whether or not you want both the di?
>
> rectory and the manual page shown at start up.

directoryHeight (Class DirectoryHeight)

> The height in pixels of the directory, when the directory and the manual
>
> page are shown simultaneously.

topCursor (Class Cursor)

> The cursor to use in the top box.

helpCursor (Class Cursor)

> The cursor to use in the help window.

manpageCursor (Class Cursor)

> The cursor to use in the manual page window.

searchEntryCursor (Class Cursor)

> The cursor to use in the search entry text widget.

pointerColor (Class Foreground)

> This is the color of all the cursors (pointers)  specified  above.   The
>
> name was chosen to be compatible with xterm.

helpFile  (Class File)

> Use this rather than the system default helpfile.

topBox (Class Boolean)

> Either `true' or `false,' determines whether the top box (containing the
>
> help, quit and manual page buttons) or a  manual  page  is  put  on  the
>
> screen at start-up.  The default is true.

verticalList (Class Boolean)

> Either  `true'  or  `false,'  determines  whether the directory listing is
>
> vertically  or  horizontally  organized.   The  default  is   horizontal
>
> (false).

GLOBAL ACTIONS

Xman  defines all user interaction through global actions.  This allows the user to modify

the translation table of any widget, and bind any event to the new user action.  The  list of actions supported by xman are:

GotoPage(page) When  used in a manual page display window this will allow the user to move

between a directory and manual page display.  The page argument can be  ei?

ther Directory or ManualPage.

Quit()        This action may be used anywhere, and will exit xman.

Search(type, action)

Only  useful when used in a search popup, this action will cause the search

widget to perform the named search type on the string in the search popup's

value  widget.  This  action will also pop down the search widget. The type

argument can be either Apropos, Manpage or Cancel.  If an action of Open is

specified  then  xman will open a new manual page to display the results of

the search, otherwise xman will attempt to display the results in the  par?

ent of the search popup.

PopupHelp()    This action may be used anywhere, and will popup the help widget.

PopupSearch()  This  action  may  be used anywhere except in a help window.  It will cause

the search popup to become active and visible on the screen,  allowing  the

user search for a manual page.

CreateNewManpage()

This action may be used anywhere, and will create a new manual page display

window.

RemoveThisManpage()

This action may be used in any manual page or help  display  window.   When

called  it  will  remove  the window, and clean up all resources associated

with it.

SaveFormattedPage(action)

This action can only be used in the likeToSave popup widget, and tells xman

whether to Save or Cancel a save of the manual page that has just been for?

matted.

ShowVersion()  This action may be called from any manual page or help display window,  and

will  cause  the  informational display line to show the current version of

xman.

FILES                                                                                    *Page 8/9*

<manpath directory>/man<character>

<manpath directory>/cat<character>

<manpath directory>/mandesc

/etc/X11/app-defaults/Xman

        specifies required resources.

/tmp        Xman creates temporary files in  /tmp  for  all  unformatted  man pages and all apropos searches.

## SEE ALSO

X(7), man(1), apropos(1), catman(8), Athena Widget Set

## ENVIRONMENT

DISPLAY      the default host and display to use.

MANPATH     the  search  path  for  manual  pages.  Directories are separated by colons (e.g. /usr/man:/mit/kit/man:/foo/bar/man).

XENVIRONMENT  to get the name of a resource file  that  overrides  the  global  resources stored in the RESOURCE_MANAGER property.

XAPPLRESDIR   A  string  that will have ``Xman'' appended to it.  This string will be the full path name of a user app-defaults file to be merged into  the  resource database  after the system app-defaults file, and before the resources that are attached to the display.

      See X(7) for a full statement of rights and permissions.

## AUTHORS

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X Version 11          xman 1.1.5          XMAN(1)