NAME

XpmCreateData - create an Data structure

SYNOPSIS

**int XpmCreateDataFromImage(Display ****display*, **char ******data_return*,
XImage ****image*, **XImage ****shapeimage*, **XpmAttributes ****attributes*);**

**int XpmCreateDataFromPixmap(Display ****display*, **char ******data_return*,
Pixmap *pixmap*, **Pixmap** *shapemask*, **XpmAttributes ****attributes***);**

**int XpmCreateDataFromXpmImage(char ******data_return*, **XpmImage ****image*,
XpmInfo ****info*);**

ARGUMENTS

display

Specifies the connection to the X server.

data_return

Returns the data which is created.

pixmap

Specifies the pixmap.

shapemask

Specifies the shape mask pixmap.

attributes

Specifies the location of a structure containing information (or NULL).

info

Specifies the location of a structure to get information.

image

Specifies the image

DESCRIPTION

XpmCreateDataFromImage

In some cases, one may want to create an XPM data from an XImage, to do so use **XpmCreateDataFromImage**(). The **XpmCreateDataFromImage**() function exactly works as **XpmWriteFileFromImage**(3) does and returns the same way. It just writes to a single block malloc'ed data instead of to a file. It is the caller's responsibility to free the data, using **XpmFree**(3) when finished.

XpmCreateDataFromPixmap

XpmCreateDataFromPixmap() creates an XPM data from a Pixmap. The **XpmCreateDataFromPixmap**() function uses **XGetImage**(3) to get from the given pixmaps the related X images which are passed to **XpmCreateDataFromImage**(). Then it destroys the created images using **XDestroyImage**(3). **XpmCreateDataFromPixmap**() returns the same errors as **XpmCreateDataFromImage**().

XpmCreateDataFromXpmImage

XpmCreateDataFromXpmImage() creates an XPM data from an XpmImage. The **XpmCreateDataFromXpmImage**() function writes out the given image to a single block malloc'ed data in XPM format. If insufficient working storage is allocated, it returns **XpmNoMemory**, and returns **XpmSuccess** on success. If the passed XpmInfo structure pointer is not NULL, **XpmCreateDataFromXpmImage**() looks for the following attributes: XpmExtensions, and XpmHotspot, and writes the related information out as well. It is the caller's responsibility to free the data, using **XpmFree**(3) when finished.

SEE ALSO

XpmFree(3), **XpmWriteFileFromImage**(3)