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)