NAME
   XpmCreateImage - create an XImage from an XPM

SYNOPSIS

   int XpmCreateImageFromData(Display **display**, char *****data**,
      XImage ***image_return**, XImage *****shapeimage_return**,
      XpmAttributes **attributes**);**

   int XpmCreateImageFromBuffer(Display **display**, char ****buffer**,
      XImage ***image_return**, XImage *****shapeimage_return**,
      XpmAttributes **attributes**);**

   int XpmCreateImageFromXpmImage(Display **display**, XpmImage ****image**,
      XImage **image_return**, XImage ****shapeimage_return**,
      XpmAttributes **attributes**);**

ARGUMENTS
   display
         Specifies the connection to the X server.

   data
         Specifies the location of the data.

   image_return
         Returns the image which is created.

   shapeimage_return
         Returns the shape mask image which is created if the color None is used.

   attributes
         Specifies the location of a structure to get and store information (or NULL).

   shapeimage
         Specifies the shape mask image which is created if any.

DESCRIPTION
 XpmCreateImageFromData

To create an XImage from an XPM data, use **XpmCreateImageFromData**().

The **XpmCreateImageFromData**() function allows you to include in your C program an XPM file which was written out by functions such as **XpmWriteFileFromImage**(3) or **XpmWriteFileFromPixmap**(3) without reading in the file. **XpmCreateImageFromData**() exactly works as **XpmReadFileToImage**(3) does and returns the same way. It just reads data instead of a file. Here again, it is the caller's responsibility to free the returned images, the colors and possibly the data returned into the XpmAttributes structure.

XpmCreateImageFromBuffer

To create an XImage from an XPM buffer, use **XpmCreateImageFromBuffer**(). The **XpmCreateImageFromBuffer()** function works the same way as **XpmReadFileToImage**(3), it just parses the buffer instead of the file. Be aware that the feature provided on some systems by **XpmReadFileToImage**(3) to deal with compressed files is not available here.

XpmCreateImageFromXpmImage

To create an XImage from an XpmImage, use **XpmCreateImageFromXpmImage**(). From the given XpmImage and XpmAttributes if not NULL, **XpmCreateImageFromXpmImage**() allocates colors and creates X images following the same mechanism as **XpmReadFileToImage**(3). When finished the caller must free the images using **XDestroyImage**(3), the colors using **XFreeColors**(3), and possibly the data returned into the XpmAttributes using **XpmFreeAttributes**(3).

SEE ALSO

XpmFreeAttributes(3), **XpmReadFileToImage**(3)