

**NAME**

XmbDrawImageString, XwcDrawImageString, Xutf8DrawImageString - draw image text using a single font set

**SYNTAX**

```
void XmbDrawImageString(Display *display, Drawable d, XFontSet font_set, GC gc, int x, int y,
    _Xconst char *string, int num_bytes);
```

```
void XwcDrawImageString(Display *display, Drawable d, XFontSet font_set, GC gc, int x, int y,
    _Xconst wchar_t *string, int num_wchars);
```

```
void Xutf8DrawImageString(Display *display, Drawable d, XFontSet font_set, GC gc, int x, int y,
    _Xconst char *string, int num_bytes);
```

**ARGUMENTS**

<i>d</i>	Specifies the drawable.
<i>display</i>	Specifies the connection to the X server.
<i>font_set</i>	Specifies the font set.
<i>gc</i>	Specifies the GC.
<i>num_bytes</i>	Specifies the number of bytes in the string argument.
<i>num_wchars</i>	Specifies the number of characters in the string argument.
<i>string</i>	Specifies the character string.
<i>x</i>	
<i>y</i>	Specify the x and y coordinates.

**DESCRIPTION**

The **XmbDrawImageString**, **XwcDrawImageString** and **Xutf8DrawImageString** functions fill a destination rectangle with the background pixel defined in the GC and then paint the text with the foreground pixel. The filled rectangle is the rectangle returned to overall\_logical\_return by **XmbTextExtents**, **XwcTextExtents** or **Xutf8TextExtents** for the same text and **XFontSet**.

When the **XFontSet** has missing charsets, each unavailable character is drawn with the default string

returned by **XCreateFontSet**. The behavior for an invalid codepoint is undefined.

The function **Xutf8TextExtents** is an extension introduced by The XFree86 Project, Inc., in their 4.0.2 release. Its presence is indicated by the macro **X\_HAVE\_UTF8\_STRING**.

#### **SEE ALSO**

XDrawImageString(3), XDrawString(3), XDrawText(3), XmbDrawString(3), XmbDrawText(3)

*Xlib - C Language X Interface*