UTFT_DLB Version 1.0 Requirements:

This library extends UTFT and requires the UTFT library to be installed to operate.

This version was built and tested against UTFT v2.60.

The demo program was tested on a Sainsmart 320x240 TFT display and an Arduino Mega. It may have to be modified for other displays.

DejaVuSans at 18 and 24 point are included as demonstration fonts. Any ttf or otf font can be converted for use with this library using the included conversion tool. Every included font takes up precious space. Any font, or individual font characters may be removed from the fonts to reduce space requirements.

Functions:

Constructor
> To use this function, simply replace your UTFT variable declaration with UTFT_DLB. This will create your UTFT_DLB object and give you the enhanced functionality of proportional fonts.

Parameters:
> as per UTFT.

print
> Overridden method to handle proportional fonts. Used in exactly the same way as print in UTFT. See the UTFT manual for details.

getStringWidth
> returns the string width in pixels. Useful for positions strings on the screen. Right-justifying to tabstops, points, etc.

parameters:
> a character pointer to the string
returns:
> the width of the string in pixels

getFontHeight
> returns the height of the font. Useful for positioning textlines vertically.

getOrientation
> returns PORTAIT or LANDSCAPE as defined in UTFT