

SpaceExtra

Space out text for left/right justification

#include <Quickdraw.h>Quickdraw

```
void      SpaceExtra(extraSpace );  
Fixed    extraSpace ;      spacing adjustment, fractional pixels
```

SpaceExtra tells the Font Manager how much additional space to add when displaying the space character (ASCII 0x20). It can be useful in fully-justifying text.

extraSpace is a 4-byte Fixed value, specifying the average number of pixels and fractional pixels to be added to each space character (ASCII 0x32).

Returns: none

Notes: **SpaceExtra** modifies the spExtra field of the current GrafPort structure. The initial value of this field is 0.

To justify a given text string to a specific line width:

- 1** Use **StringWidth** to get the unadjusted size of the string.
- 2** Subtract the returned value from the width between the margins; the difference is the amount of adjustment needed.
- 3** Count the number of spaces in the line.
- 4** Use **FixRatio** to find the ratio between the results of steps 2 and 3.
- 5** Call **SpaceExtra**, specifying the ratio returned from step 4.
- 6** Position the pen (**MoveTo**) and draw the text (**DrawString**).