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## 39.7. `fm` — *Font Manager* interface¶

Platforms: IRIX

Deprecated since version 2.6: The `fm` module has been deprecated for removal in Python 3.0.

This module provides access to the IRIS *Font Manager* library. It is available only on Silicon Graphics machines. See also: *4Sight User's Guide*, section 1, chapter 5: "Using the IRIS Font Manager."

This is not yet a full interface to the IRIS Font Manager. Among the unsupported features are: matrix operations; cache operations; character operations (use string operations instead); some details of font info; individual glyph metrics; and printer matching.

It supports the following operations:

`fm.init()`¶

Initialization function. Calls `fm_init()`. It is normally not necessary to call this function, since it is called automatically the first time the `fm` module is imported.

`fm.findfont(fontname)`¶

Return a font handle object. Calls `fmfindfont(fontname)`.

`fm.enumerate()`¶

Returns a list of available font names. This is an interface to `fmenumerate()`.

`fm.prstr(string)`¶

Render a string using the current font (see the `setFont()` font handle method below). Calls `fmprstr(string)`.

`fm.setpath(string)`¶

Sets the font search path. Calls `fmsetpath(string)`. (XXX Does not work!?)

`fm.fontpath()`¶

Returns the current font search path.

Font handle objects support the following operations:

`font handle.scalefont(factor)`

Returns a handle for a scaled version of this font. Calls `fm_scalefont(fh, factor)`.

`font handle.setFont()`

Makes this font the current font. Note: the effect is undone silently when the font handle object is deleted. Calls `fm_setfont(fh)`.

`font handle.getFontname()`

Returns this font's name. Calls `fm_getfontname(fh)`.

`font handle.getcomment()`

Returns the comment string associated with this font. Raises an exception if there is none. Calls `fm_getcomment(fh)`.

`font handle.getFontinfo()`

Returns a tuple giving some pertinent data about this font. This is an interface to `fm_getfontinfo()`. The returned tuple contains the following numbers: (`printermatched`, `fixed_width`, `xorig`, `yorig`, `xsize`, `ysize`, `height`, `nglyphs`).

`font handle.getstrwidth(string)`

Returns the width, in pixels, of `string` when drawn in this font. Calls `fm_getstrwidth(fh, string)`.

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Last updated on Feb 26, 2010. Created using [Sphinx](#) 0.6.3.