NAME

FcCharSetFirstPage − Start enumerating charset contents

SYNOPSIS

#include <fontconfig/fontconfig.h>

FcChar32 FcCharSetFirstPage (const FcCharSet ****a*, FcChar32[FC_CHARSET_MAP_SIZE]** *map***, FcChar32 ****next***);**

DESCRIPTION

Builds an array of bits in *map* marking the first page of Unicode coverage of *a*. **next* is set to contains the base code point for the next page in *a*. Returns the base code point for the page, or FC_CHARSET_DONE if *a* contains no pages. As an example, if **FcCharSetFirstPage** returns 0x300 and fills *map* with

0xffffffff 0xffffffff 0x01000008 0x44300002 0xffffd7f0 0xfffffffb 0xffff7fff 0xffff0003

Then the page contains code points 0x300 through 0x33f (the first 64 code points on the page) because *map[0]* and *map[1]* both have all their bits set. It also contains code points 0x343 (*0x300 + 32*2 + (4-1)*) and 0x35e (*0x300 + 32*2 + (31-1)*) because *map[2]* has the 4th and 31st bits set. The code points represented by map[3] and later are left as an excercise for the reader ;).