

1 ASCII-Art and Font Choice

Table 1: Font Choices

	monofont	CJKmonofont
docs-next	“DejaVu Sans Mono”	(unspecified)
patch 2/3	“Noto Sans Mono CJK SC”	“Noto Sans Mono CJK SC” or “Unifont”

1.1 From Chinese Translation of CPU Load

假设系统有一个进程以如下方式周期性地占用 cpu:

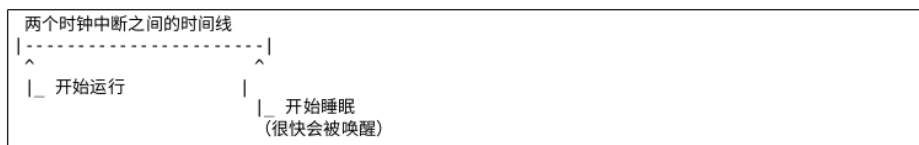


Figure 1: At docs-next

假设系统有一个进程以如下方式周期性地占用 cpu:

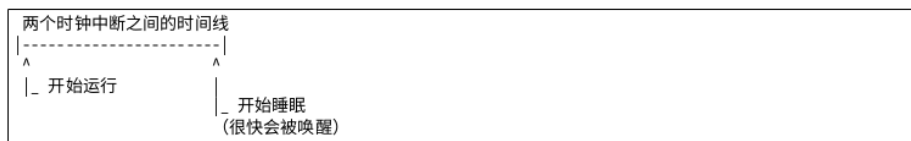


Figure 2: Patches 1/3 and 2/3 Applied

假设系统有一个进程以如下方式周期性地占用 cpu:



Figure 3: Patches 1/3 and 2/3 Applied (Unifont)

As can be seen in figs. 2 and 3, vertical lines are aligned regardless of the CJKmonofont choice. This means that Chinese translation does not need Unifont.

1.2 From Korean memory-barriers.txt

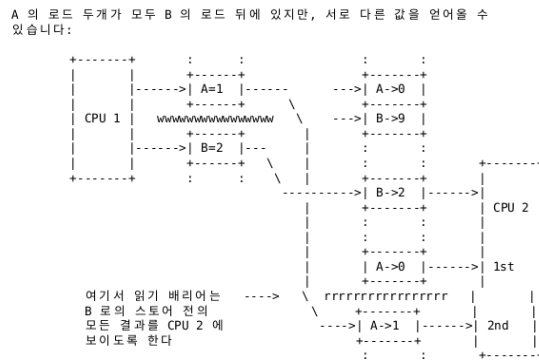


Figure 4: At docs-next

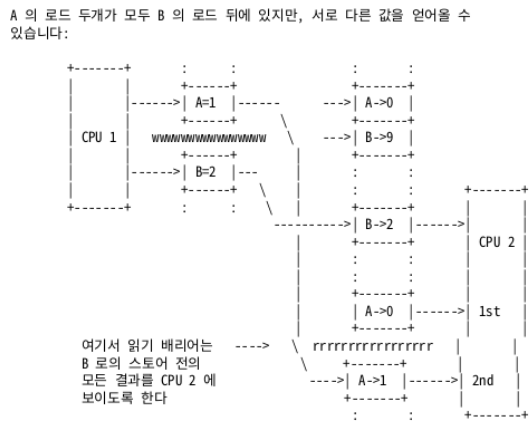


Figure 5: Patches 1/3 and 2/3 Applied

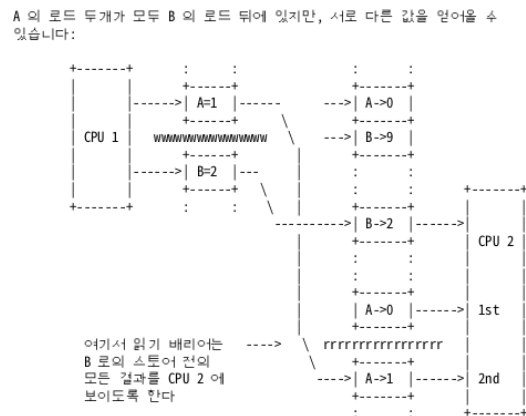


Figure 6: Patches 1/3 and 2/3 Applied (Unifont)

As can be seen in figs. 5 and 6, hangul characters' narrower widths in "Noto Sans Mono CJK SC" font cause jagged looking vertical lines. Use of "Unifont" allows perfect alignment in the exchange for the poor-looking characters.¹

¹Unifont is a bitmap-based font of 16x16 (full width CJK) and 8x16 (half width CJK, latin) pixels.